

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078540.D
 Acq On : 17 Jul 2023 14:00
 Operator : JC\MD
 Sample : VN0717MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 04:22:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	449990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	772522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	675481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	266789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	320393	53.110	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.220%			
35) Dibromofluoromethane	8.177	113	272745	52.010	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.020%			
50) Toluene-d8	10.571	98	1013507	51.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.320%			
62) 4-Bromofluorobenzene	12.853	95	306709	50.263	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	96210	17.438	ug/l	96
3) Chloromethane	2.371	50	128439	21.419	ug/l	99
4) Vinyl Chloride	2.518	62	159556	20.569	ug/l	100
5) Bromomethane	2.959	94	104512	18.132	ug/l	99
6) Chloroethane	3.124	64	104729	21.212	ug/l	97
7) Trichlorofluoromethane	3.500	101	177881	19.183	ug/l	100
8) Diethyl Ether	3.971	74	58550	18.951	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	96177	19.593	ug/l	97
10) Methyl Iodide	4.600	142	126136	18.700	ug/l	99
11) Tert butyl alcohol	5.542	59	90933	97.752	ug/l #	86
12) 1,1-Dichloroethene	4.347	96	90058	18.967	ug/l	90
13) Acrolein	4.195	56	94148	102.868	ug/l	98
14) Allyl chloride	5.036	41	118045	18.194	ug/l	92
15) Acrylonitrile	5.730	53	241875	102.909	ug/l	98
16) Acetone	4.447	43	184010	97.922	ug/l	92
17) Carbon Disulfide	4.718	76	230109	16.759	ug/l	99
18) Methyl Acetate	5.042	43	164782	20.715	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	306402	19.585	ug/l	96
20) Methylene Chloride	5.283	84	112888	20.215	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	98600	18.428	ug/l	93
22) Diisopropyl ether	6.683	45	294898	20.299	ug/l	94
23) Vinyl Acetate	6.618	43	922182	99.847	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	194194	19.837	ug/l	96
25) 2-Butanone	7.500	43	308353	104.242	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	156957	19.603	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	121717	19.664	ug/l	97
28) Bromochloromethane	7.824	49	98228	21.304	ug/l	88
29) Tetrahydrofuran	7.853	42	198207	102.117	ug/l #	83
30) Chloroform	7.977	83	209939	20.599	ug/l	93
31) Cyclohexane	8.265	56	150117	18.413	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	184296	20.169	ug/l	98
36) 1,1-Dichloropropene	8.383	75	146717	19.376	ug/l	96
37) Ethyl Acetate	7.571	43	119810	18.981	ug/l	95
38) Carbon Tetrachloride	8.371	117	164185	19.951	ug/l	94
39) Methylcyclohexane	9.612	83	132518	19.173	ug/l	95
40) Benzene	8.618	78	447102	19.931	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	64727	20.115	ug/l	93
42) 1,2-Dichloroethane	8.677	62	155585	20.391	ug/l	99
43) Isopropyl Acetate	8.700	43	213139	20.509	ug/l	94
44) Trichloroethene	9.359	130	113112	18.708	ug/l	94
45) 1,2-Dichloropropane	9.629	63	116950	20.584	ug/l	97
46) Dibromomethane	9.718	93	81985	20.502	ug/l	94
47) Bromodichloromethane	9.894	83	162106	20.223	ug/l	96
48) Methyl methacrylate	9.688	41	94982	19.728	ug/l	90
49) 1,4-Dioxane	9.706	88	40449	385.238	ug/l	89
51) 4-Methyl-2-Pentanone	10.453	43	643050	104.030	ug/l	93
52) Toluene	10.635	92	282275	20.303	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	162461	19.783	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	180135	20.578	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	111070	20.276	ug/l	97
56) Ethyl methacrylate	10.882	69	157014	20.505	ug/l	92
57) 1,3-Dichloropropane	11.171	76	189378	20.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	257848	94.488	ug/l	92
59) 2-Hexanone	11.200	43	460064	104.722	ug/l	90
60) Dibromochloromethane	11.365	129	126952	20.993	ug/l	99
61) 1,2-Dibromoethane	11.476	107	110822	19.639	ug/l	99
64) Tetrachloroethene	11.112	164	98013	19.300	ug/l	96
65) Chlorobenzene	11.900	112	302567	20.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	117499	20.229	ug/l	98
67) Ethyl Benzene	11.971	91	503479	19.728	ug/l	97
68) m/p-Xylenes	12.076	106	380562	40.330	ug/l	96
69) o-Xylene	12.406	106	182187	19.115	ug/l	95
70) Styrene	12.418	104	293778	19.702	ug/l	98
71) Bromoform	12.582	173	80340	20.423	ug/l #	99
73) Isopropylbenzene	12.700	105	463015	18.470	ug/l	98
74) N-amyl acetate	12.500	43	162464	18.806	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.947	83	160319	21.107	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	128062m	19.859	ug/l	
77) Bromobenzene	12.988	156	113180	19.828	ug/l	96
78) n-propylbenzene	13.041	91	506535	18.894	ug/l	100
79) 2-Chlorotoluene	13.129	91	327840	18.669	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	382277	19.300	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	45375	18.490	ug/l	90
82) 4-Chlorotoluene	13.229	91	308820	18.852	ug/l	98
83) tert-Butylbenzene	13.447	119	321596	19.124	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	367319	19.092	ug/l	98
85) sec-Butylbenzene	13.623	105	412391	19.401	ug/l	100
86) p-Isopropyltoluene	13.735	119	326419	19.125	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	178014	18.497	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	174742	18.027	ug/l	98
89) n-Butylbenzene	14.059	91	236484	19.365	ug/l	97
90) Hexachloroethane	14.341	117	67585	21.072	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	174092	18.178	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	24533	19.262	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	44134	14.439	ug/l	96
94) Hexachlorobutadiene	15.506	225	32083	17.608	ug/l	94
95) Naphthalene	15.647	128	134393	12.861	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	53363	15.183	ug/l	99

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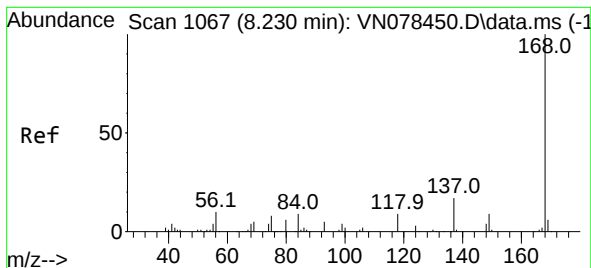
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/18/2023

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Quant Title : SW846 8260
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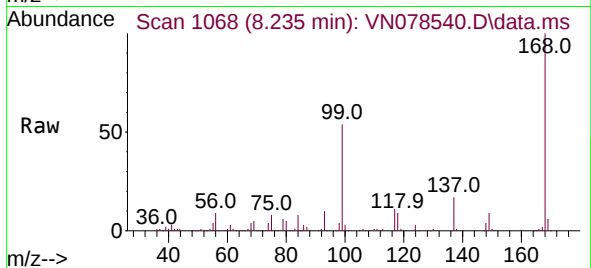
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

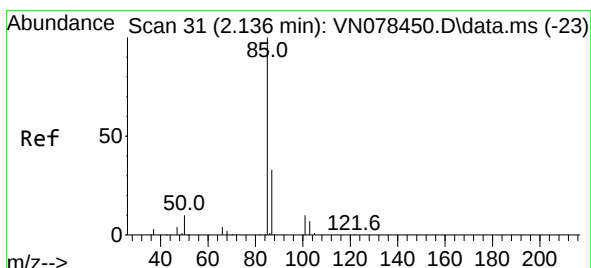
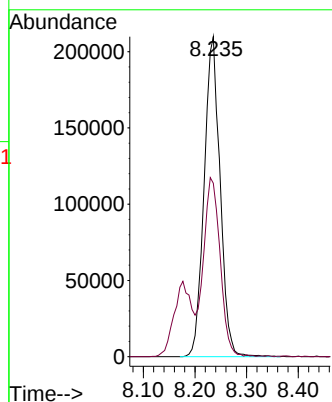
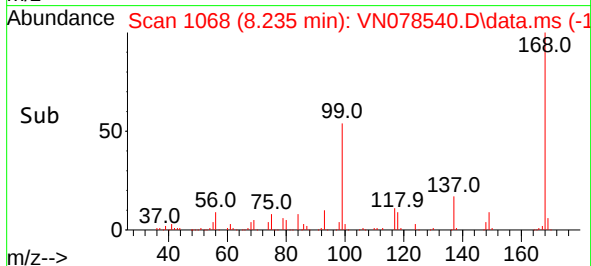
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion:168 Resp: 449990
Ion Ratio Lower Upper
168 100
99 54.0 53.0 79.6

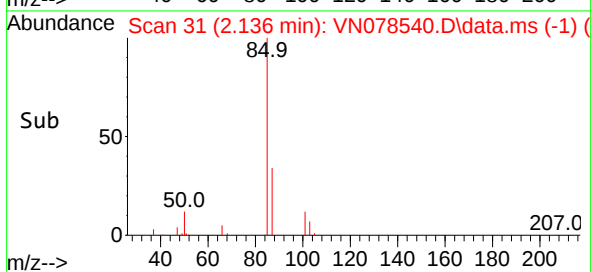
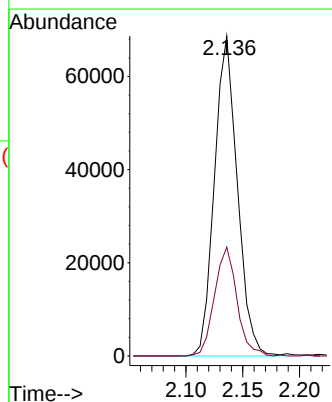
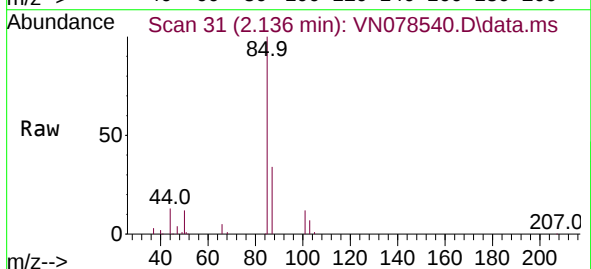
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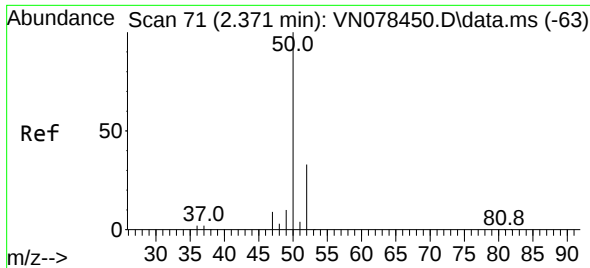
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#2
Dichlorodifluoromethane
Concen: 17.438 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

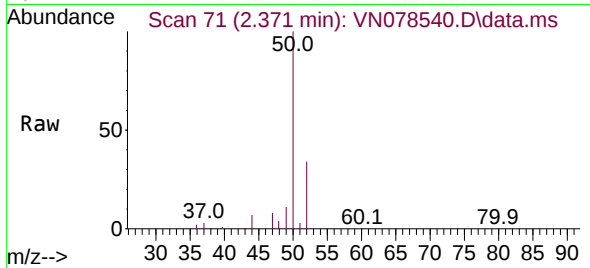
Tgt Ion: 85 Resp: 96210
Ion Ratio Lower Upper
85 100
87 34.0 15.8 47.4





#3
Chloromethane
Concen: 21.419 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

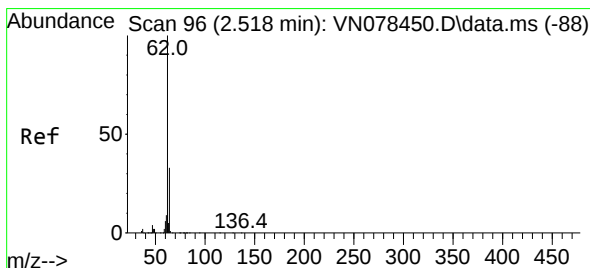
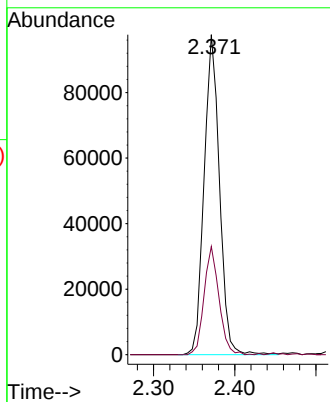
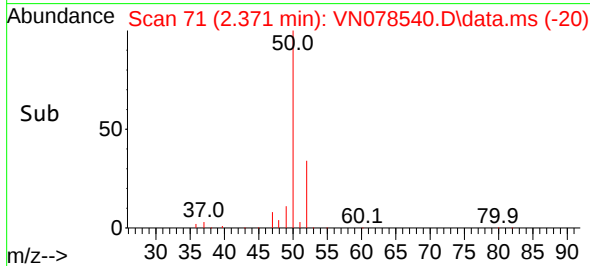
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Tgt Ion: 50 Resp: 128439
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7

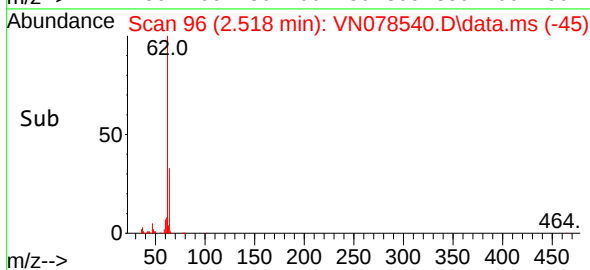
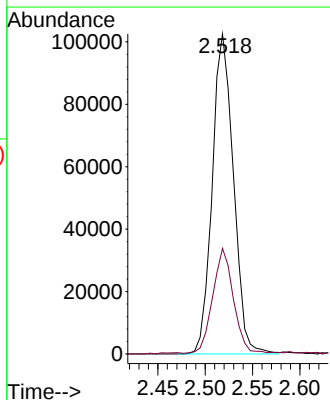
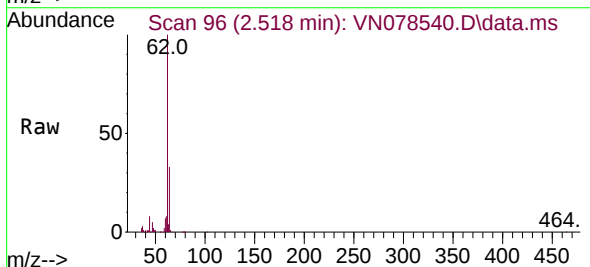
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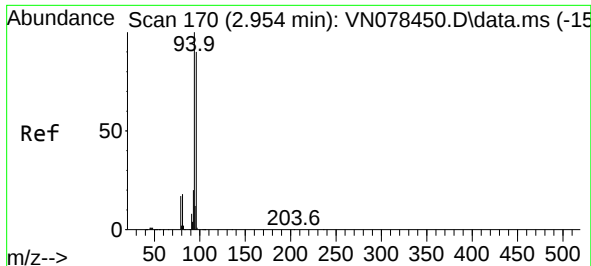
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#4
Vinyl Chloride
Concen: 20.569 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

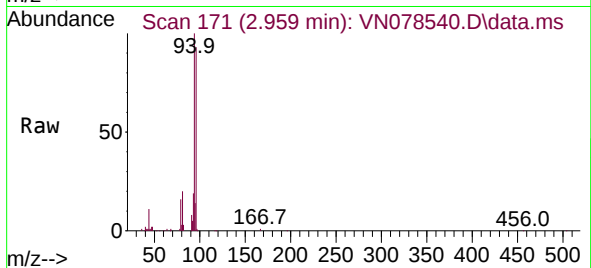
Tgt Ion: 62 Resp: 159556
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2





#5
Bromomethane
Concen: 18.132 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

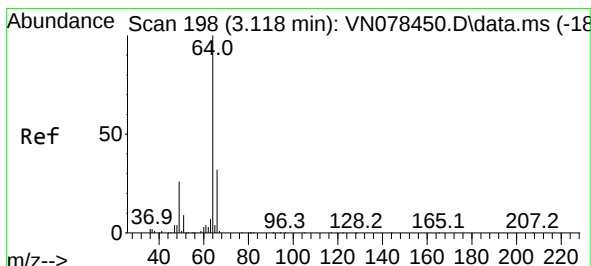
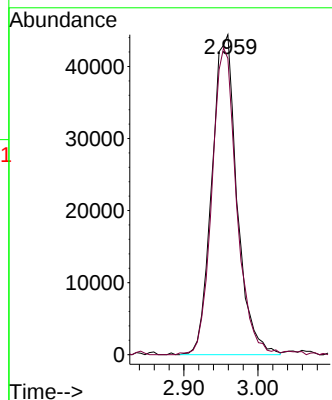
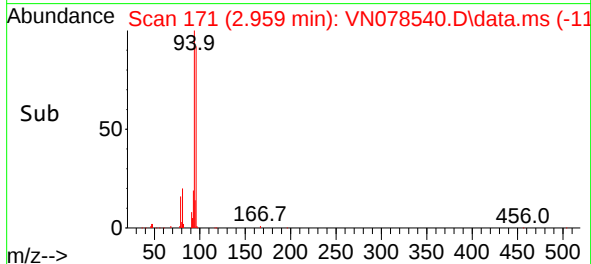
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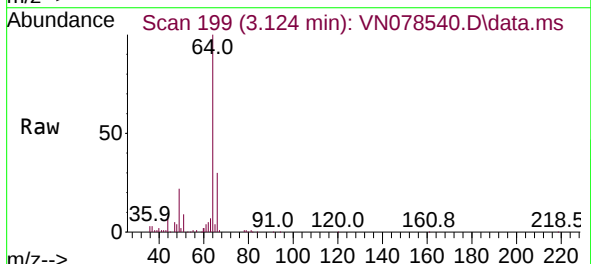
Tgt Ion: 94 Resp: 104512
Ion Ratio Lower Upper
94 100
96 92.1 73.1 109.7

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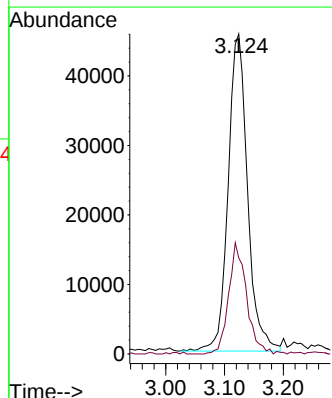
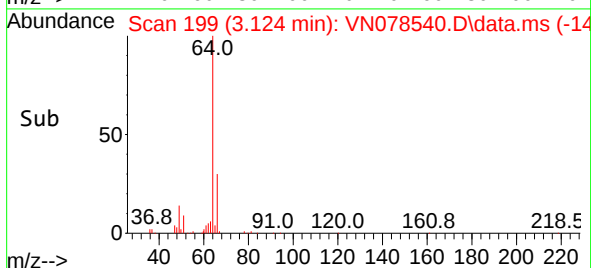
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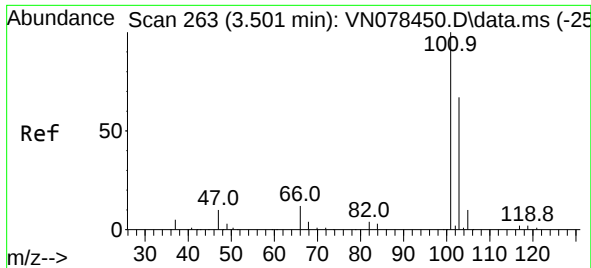


#6
Chloroethane
Concen: 21.212 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00



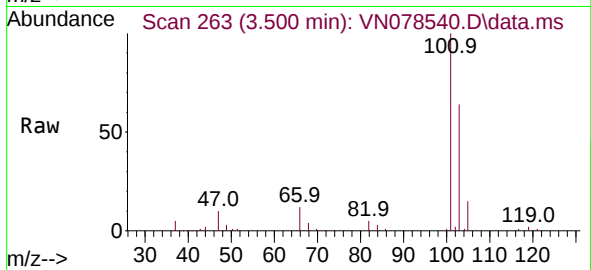
Tgt Ion: 64 Resp: 104729
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.183 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.001 min
 Lab File: VN078540.D
 Acq: 17 Jul 2023 14:00

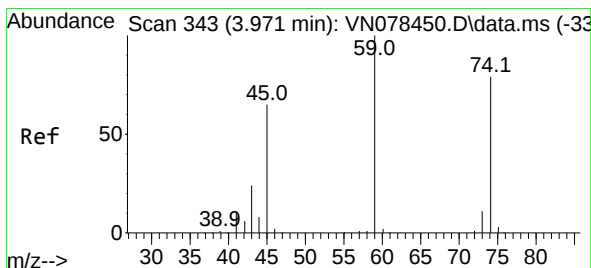
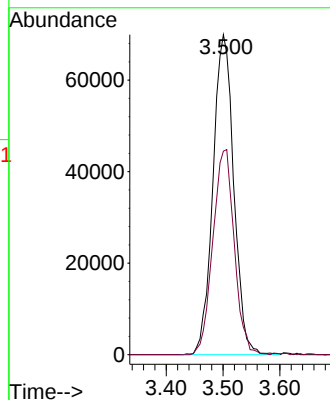
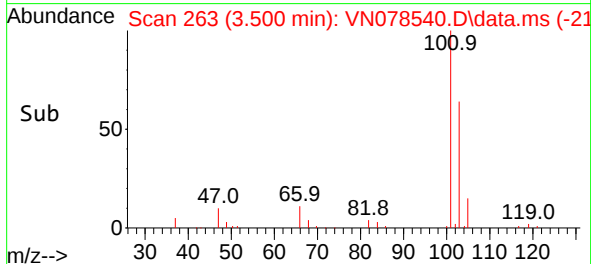
Instrument :
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Tgt Ion:101 Resp: 17788
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.7 76.1

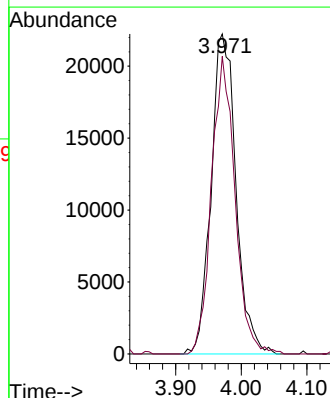
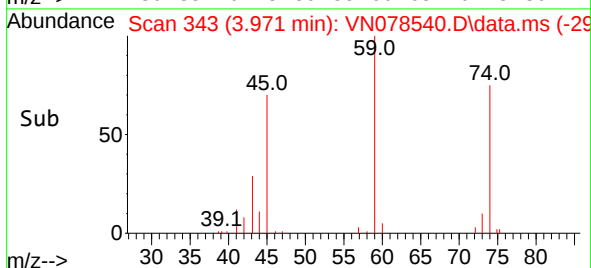
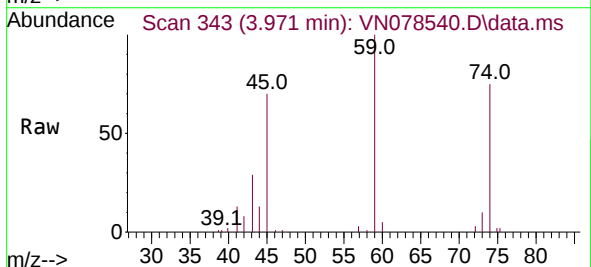
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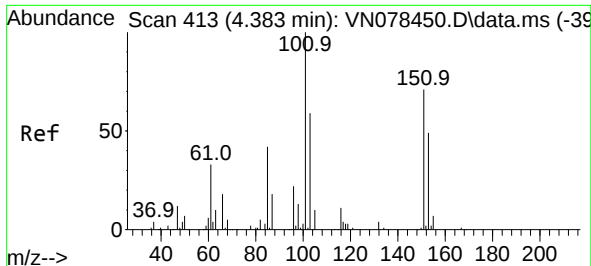
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#8
 Diethyl Ether
 Concen: 18.951 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078540.D
 Acq: 17 Jul 2023 14:00

Tgt Ion: 74 Resp: 58550
 Ion Ratio Lower Upper
 74 100
 45 87.8 34.4 103.3





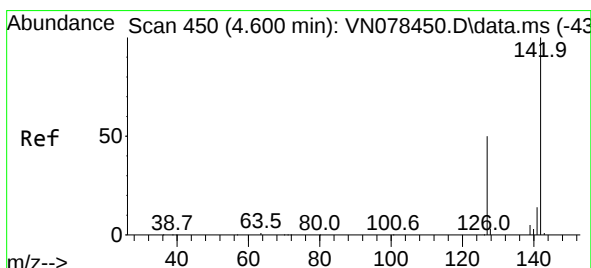
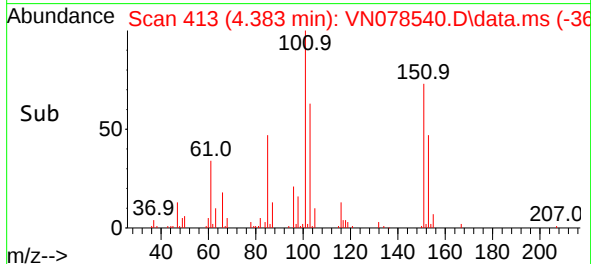
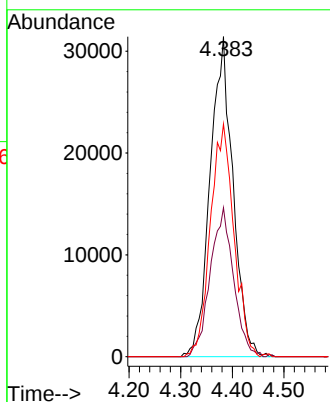
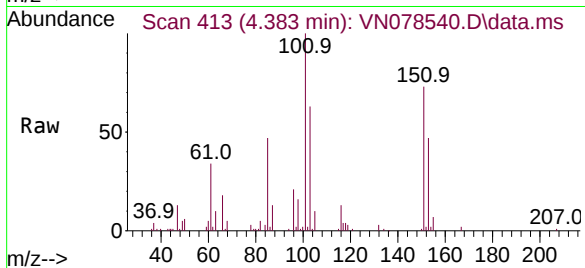
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.593 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion:101 Resp: 9617
Ion Ratio Lower Upper
101 100
85 47.5 36.6 55.0
151 75.1 57.6 86.4

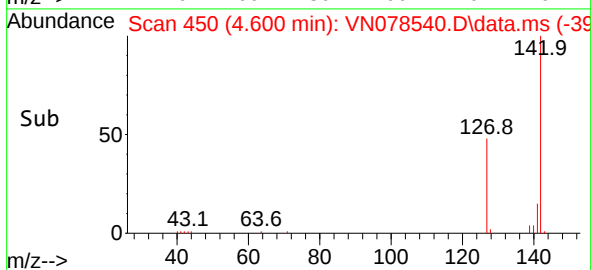
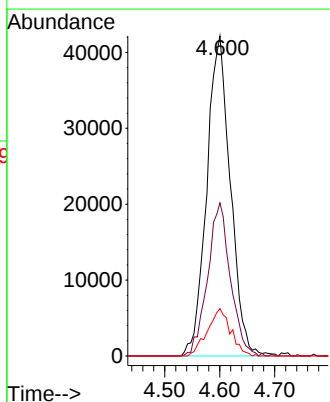
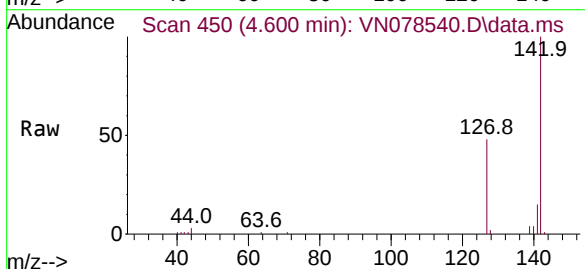
Manual Integrations
APPROVED

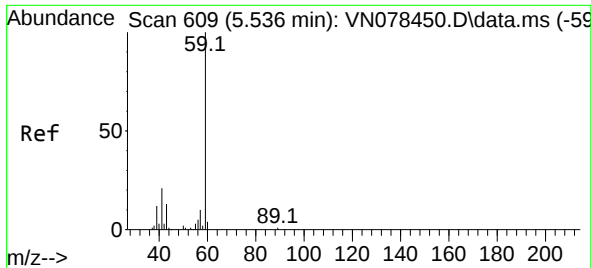
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 18.700 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

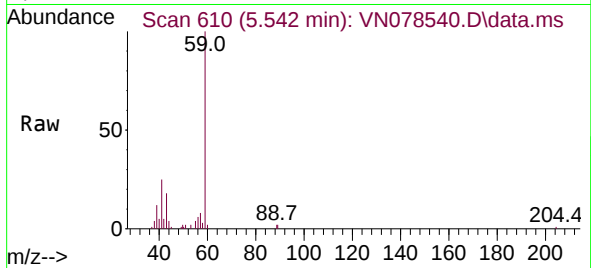
Tgt Ion:142 Resp: 126136
Ion Ratio Lower Upper
142 100
127 47.8 37.6 56.4
141 14.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 97.752 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

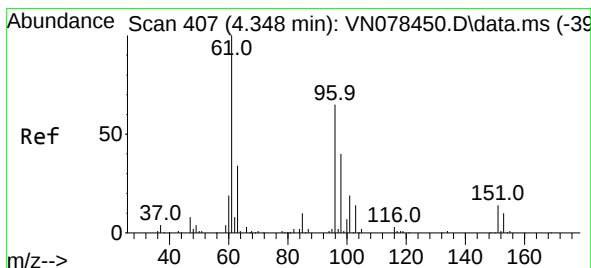
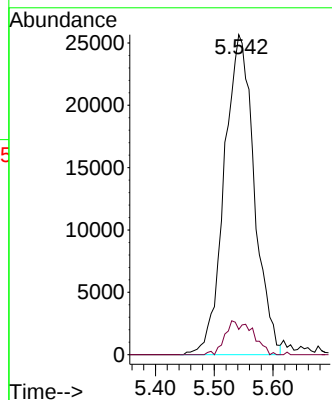
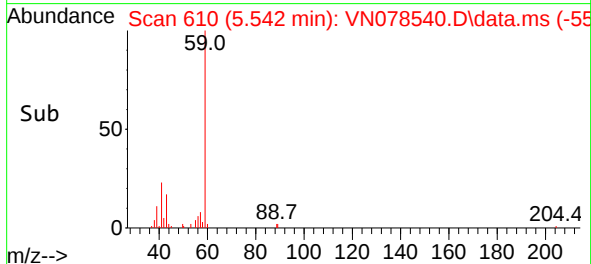
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 59 Resp: 9093
Ion Ratio Lower Upper
59 100
57 4.9 8.2 12.4

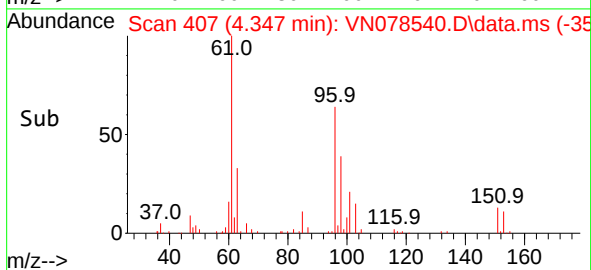
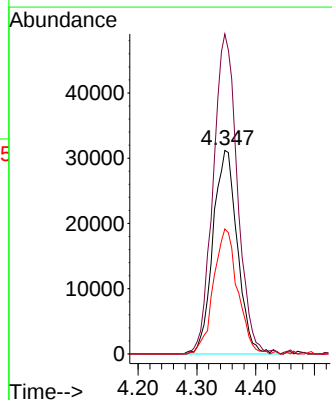
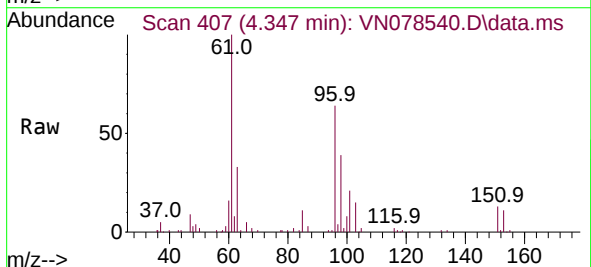
Manual Integrations
APPROVED

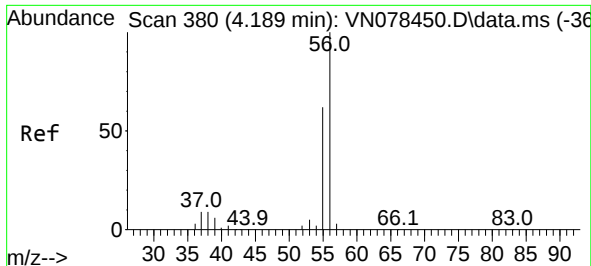
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#12
1,1-Dichloroethene
Concen: 18.967 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

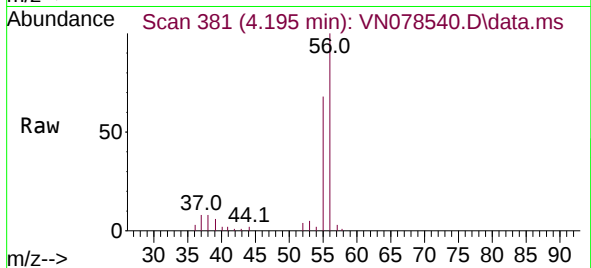
Tgt Ion: 96 Resp: 90058
Ion Ratio Lower Upper
96 100
61 157.2 112.7 169.1
98 61.4 51.2 76.8





#13
Acrolein
Concen: 102.868 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

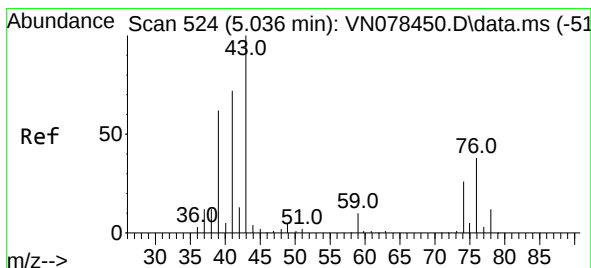
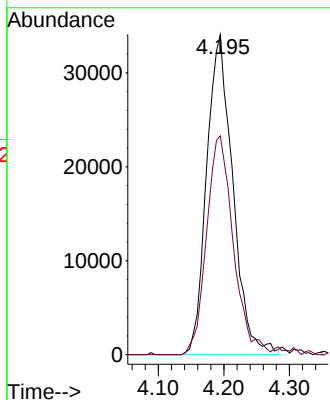
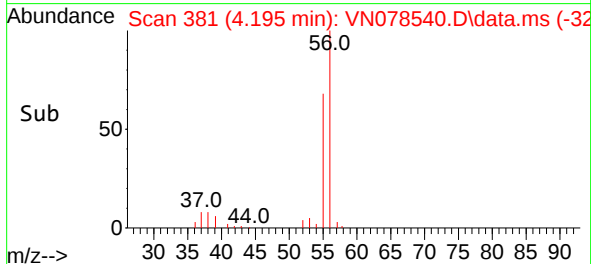
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 56 Resp: 94148
Ion Ratio Lower Upper
56 100
55 70.0 54.5 81.7

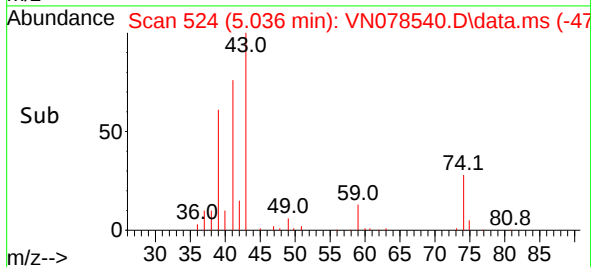
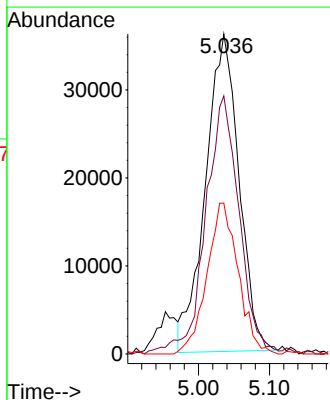
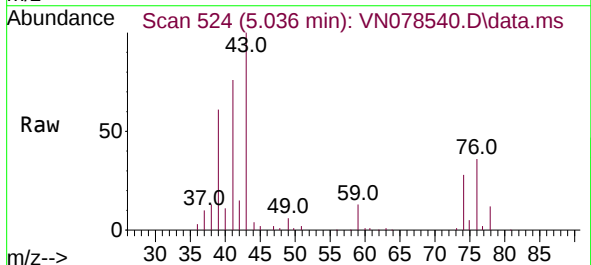
Manual Integrations
APPROVED

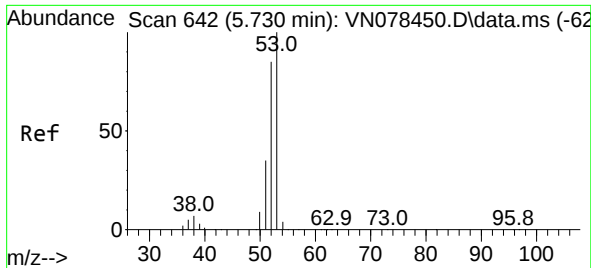
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#14
Allyl chloride
Concen: 18.194 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

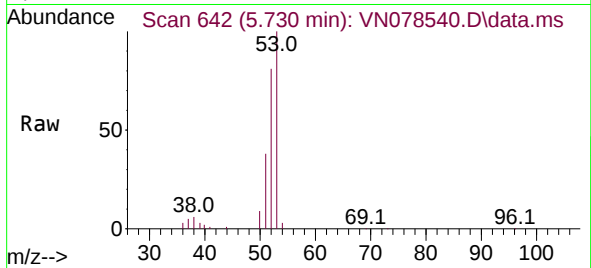
Tgt Ion: 41 Resp: 118045
Ion Ratio Lower Upper
41 100
39 81.5 58.8 88.2
76 44.4 39.1 58.7





#15
Acrylonitrile
Concen: 102.909 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

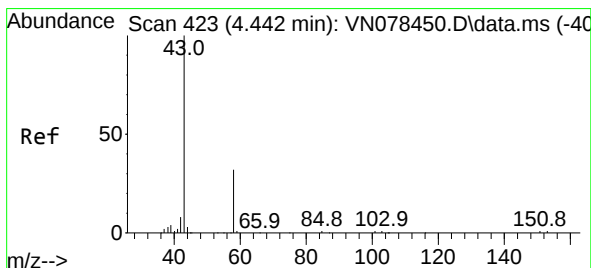
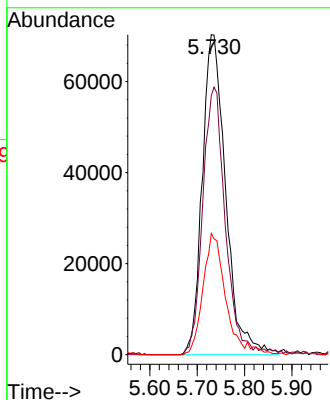
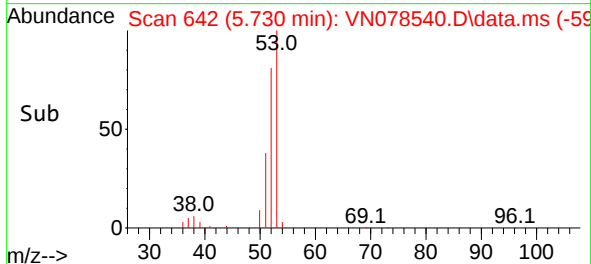
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



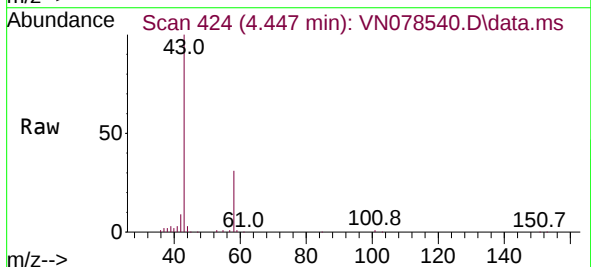
Tgt Ion: 53 Resp: 241875
Ion Ratio Lower Upper
53 100
52 80.3 65.3 97.9
51 35.0 28.9 43.3

Manual Integrations
APPROVED

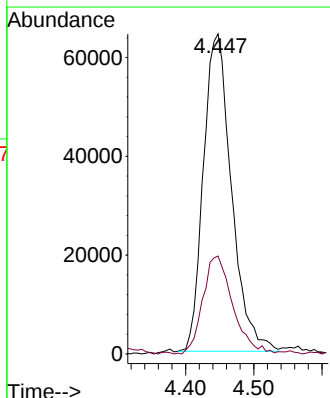
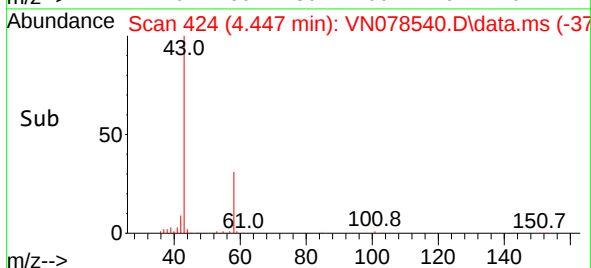
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

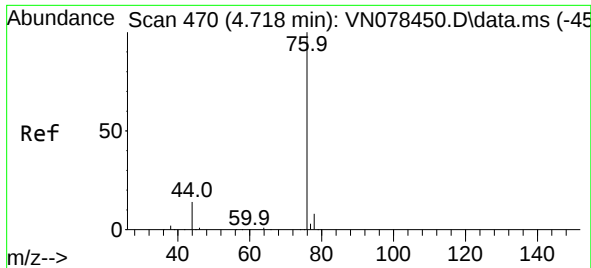


#16
Acetone
Concen: 97.922 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00



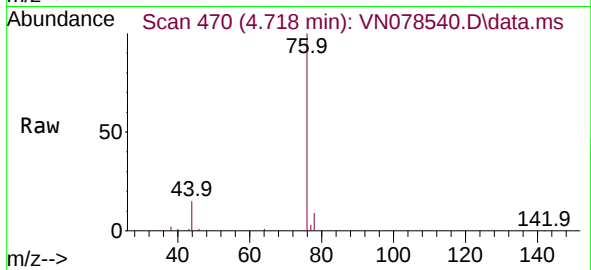
Tgt Ion: 43 Resp: 184010
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0





#17
Carbon Disulfide
Concen: 16.759 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

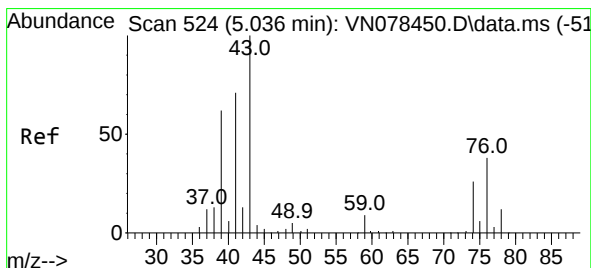
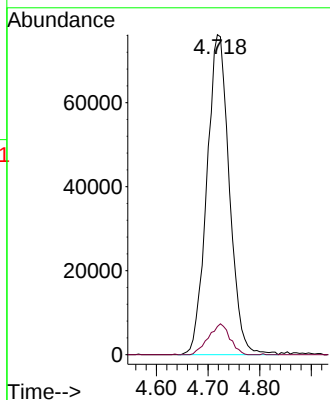
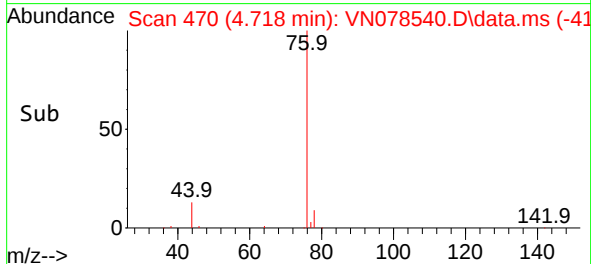
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



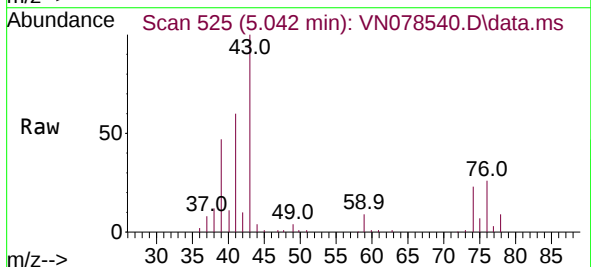
Tgt Ion: 76 Resp: 230109
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
APPROVED

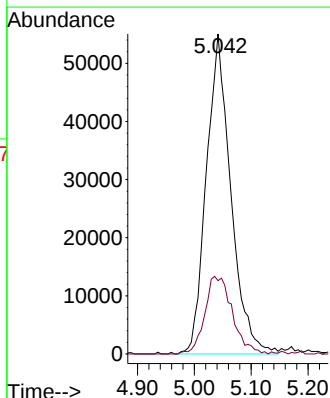
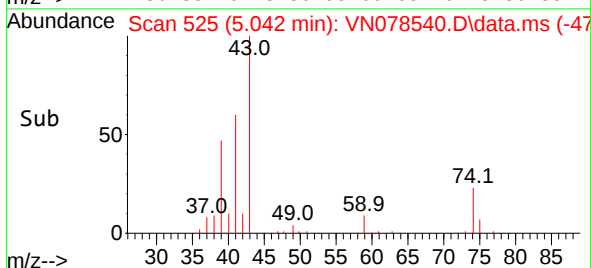
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

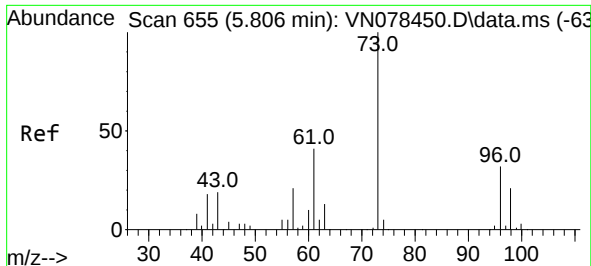


#18
Methyl Acetate
Concen: 20.715 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00



Tgt Ion: 43 Resp: 164782
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4





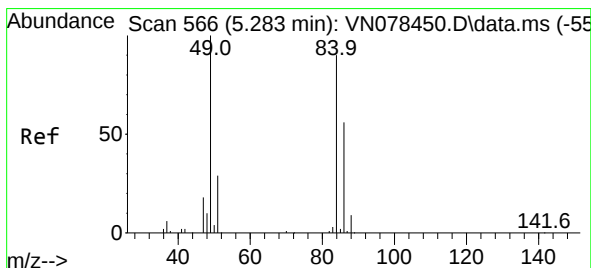
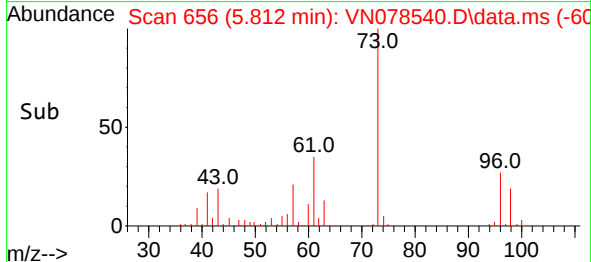
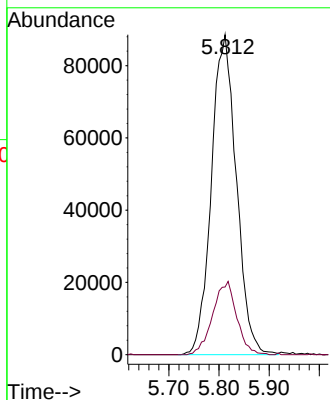
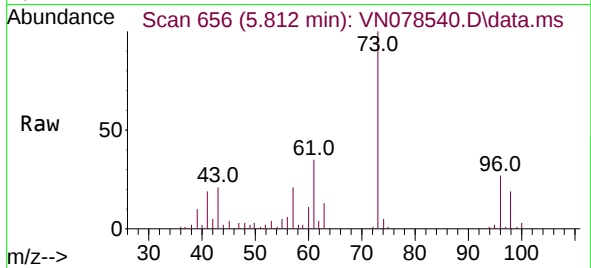
#19
Methyl tert-butyl Ether
Concen: 19.585 ug/l
RT: 5.812 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion: 73 Resp: 306402
Ion Ratio Lower Upper
73 100
57 21.2 15.6 23.4

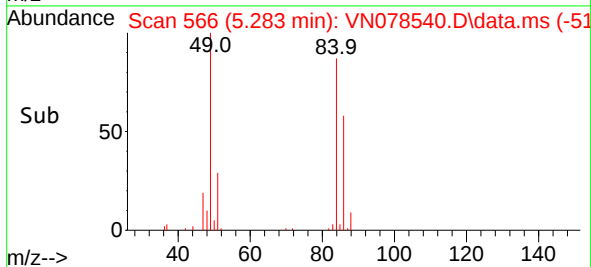
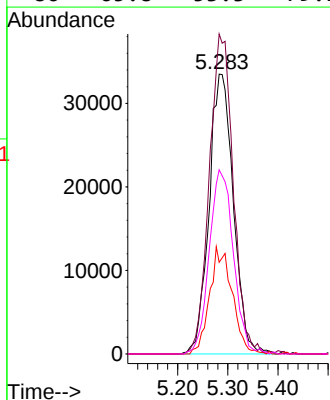
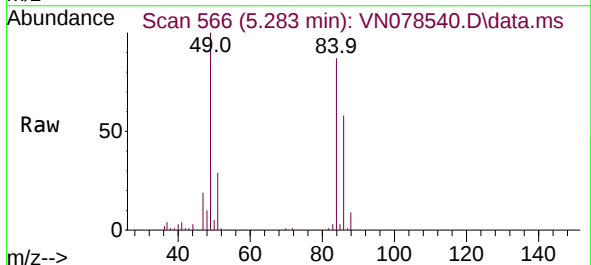
Manual Integrations
APPROVED

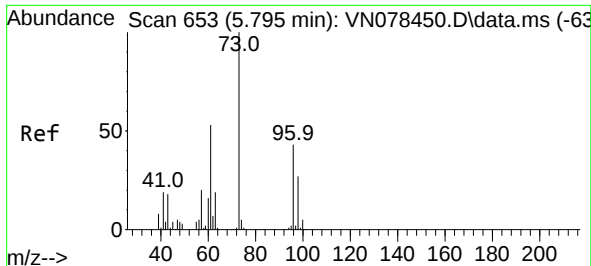
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#20
Methylene Chloride
Concen: 20.215 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

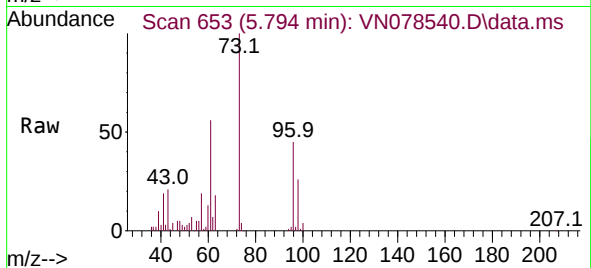
Tgt Ion: 84 Resp: 112888
Ion Ratio Lower Upper
84 100
49 114.4 79.7 119.5
51 32.8 25.2 37.8
86 65.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.428 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

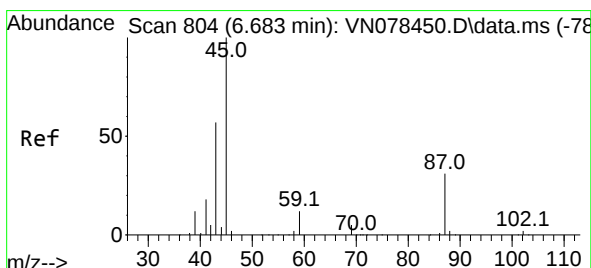
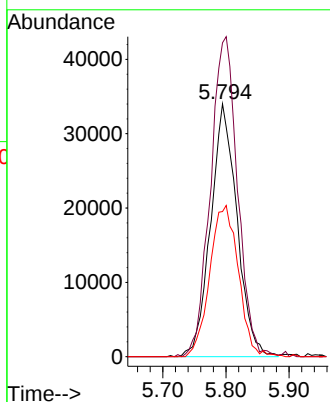
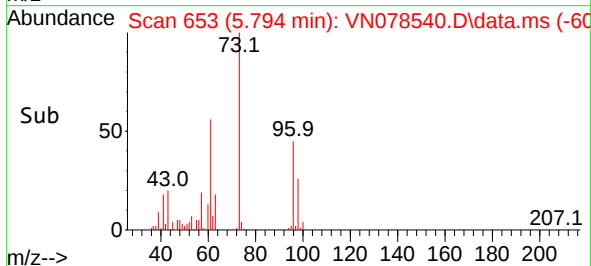
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 96 Resp: 98600
Ion Ratio Lower Upper
96 100
61 123.6 90.1 135.1
98 57.4 46.4 69.6

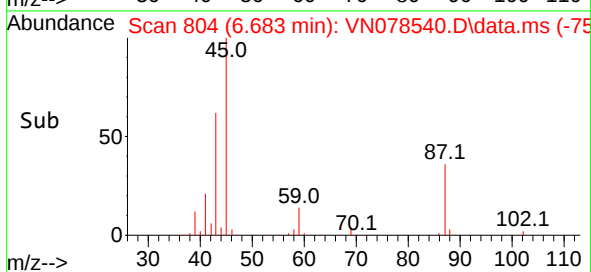
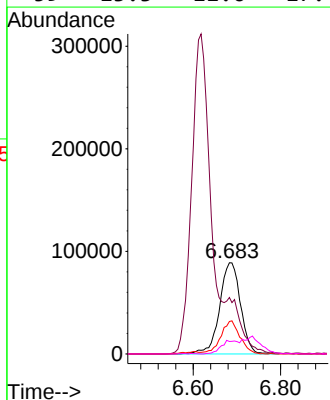
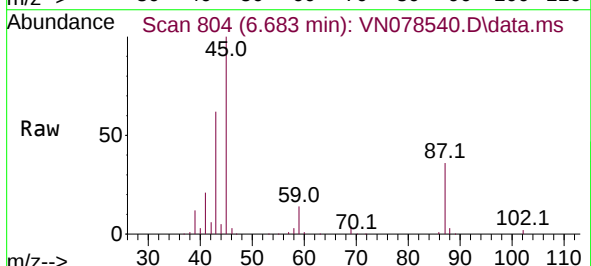
Manual Integrations
APPROVED

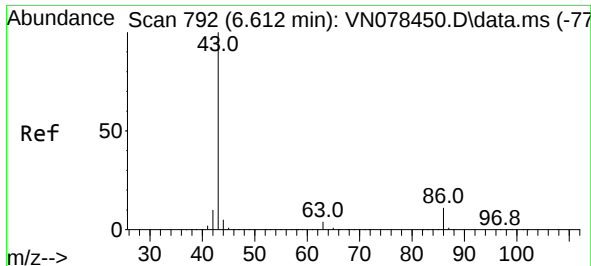
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#22
Diisopropyl ether
Concen: 20.299 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

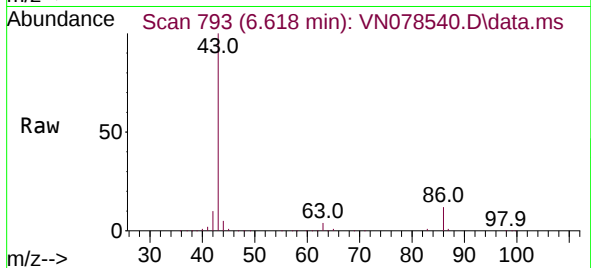
Tgt Ion: 45 Resp: 294898
Ion Ratio Lower Upper
45 100
43 60.8 45.5 68.3
87 35.6 31.8 47.8
59 13.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 99.847 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078540.D
 Acq: 17 Jul 2023 14:00

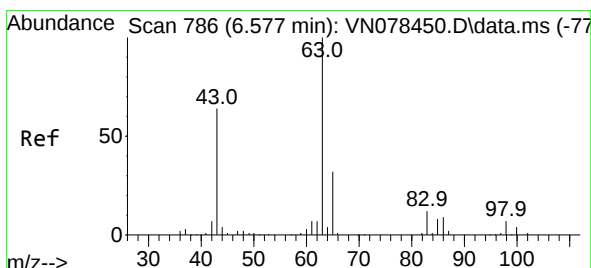
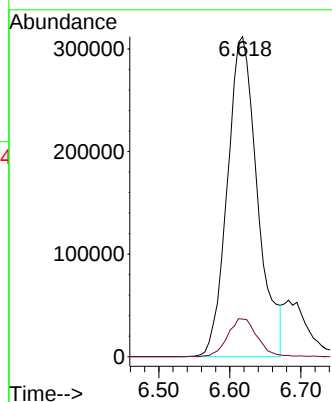
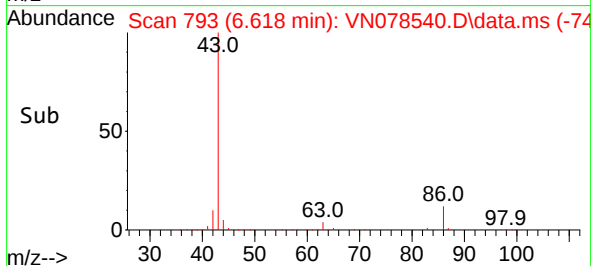
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01



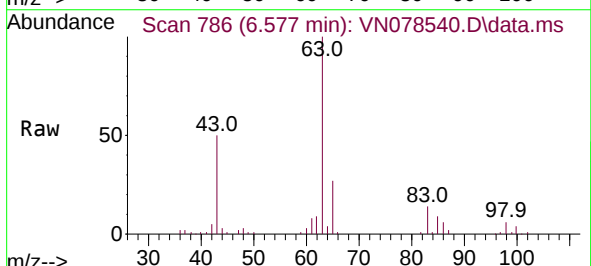
Tgt Ion: 43 Resp: 92218
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6

Manual Integrations
 APPROVED

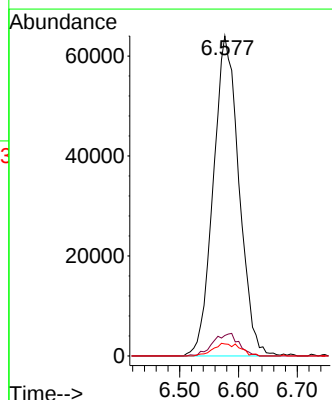
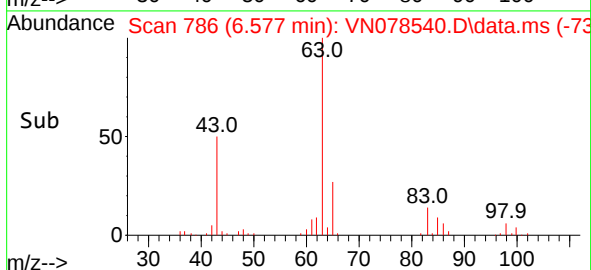
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

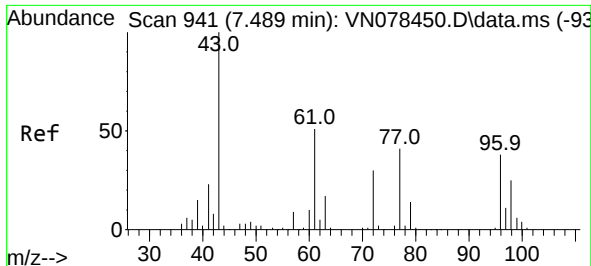


#24
 1,1-Dichloroethane
 Concen: 19.837 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078540.D
 Acq: 17 Jul 2023 14:00



Tgt Ion: 63 Resp: 194194
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 3.7 2.5 7.4





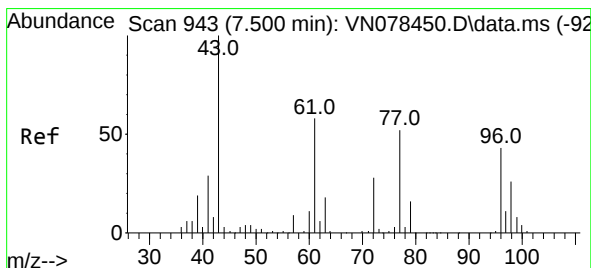
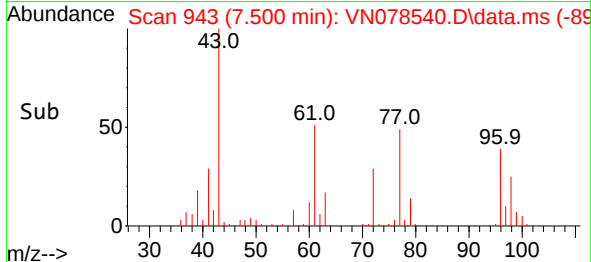
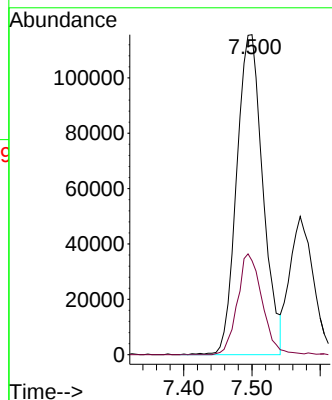
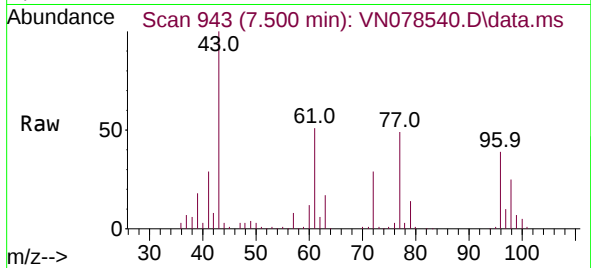
#25
2-Butanone
Concen: 104.242 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.011 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion: 43 Resp: 30835
Ion Ratio Lower Upper
43 100
72 29.3 30.2 45.2

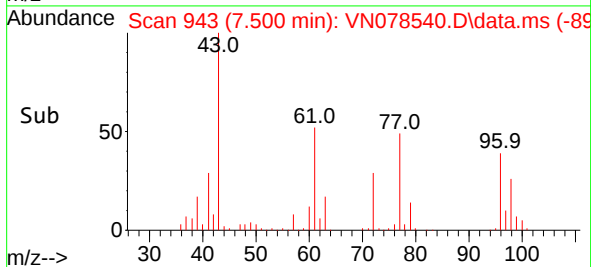
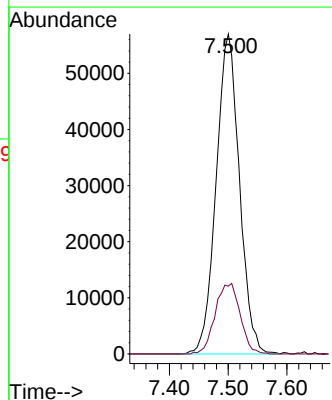
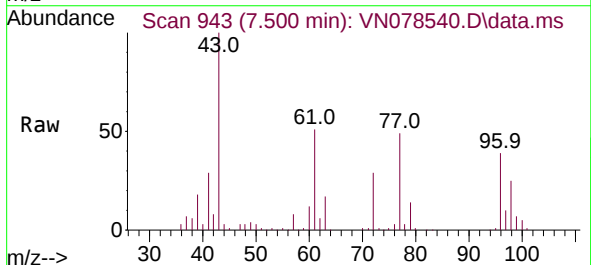
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APPROVED

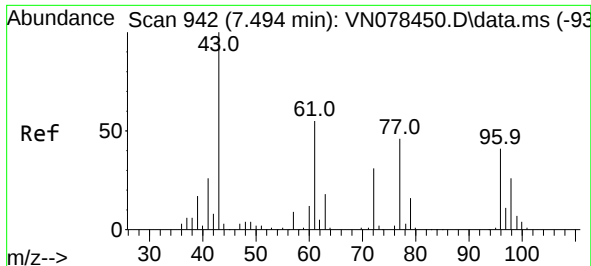
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#26
2,2-Dichloropropane
Concen: 19.603 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

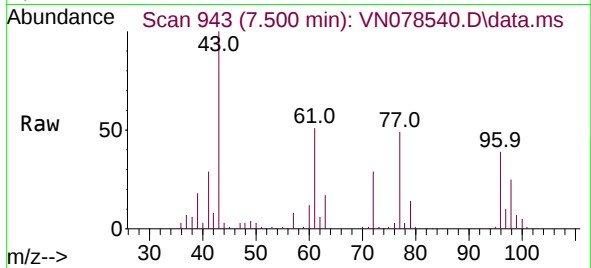
Tgt Ion: 77 Resp: 156957
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.664 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078540.D
 Acq: 17 Jul 2023 14:00

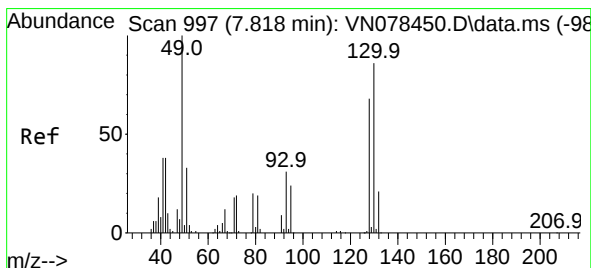
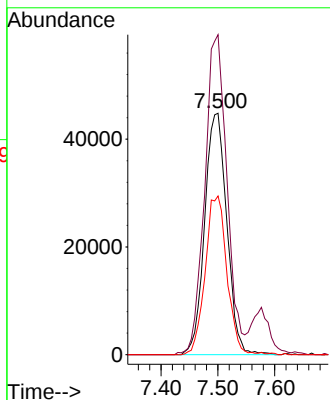
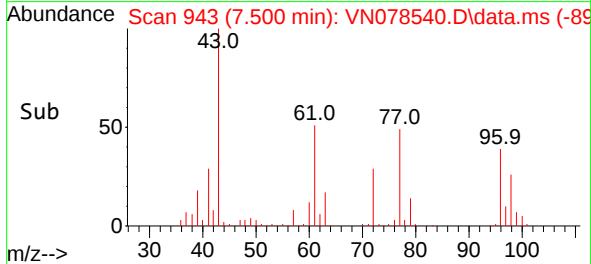
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01



Tgt Ion: 96 Resp: 12171
 Ion Ratio Lower Upper
 96 100
 61 132.5 0.0 255.2
 98 64.0 0.0 128.8

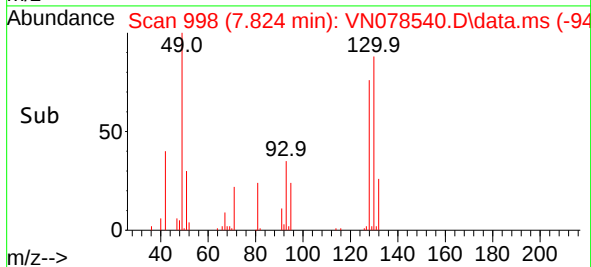
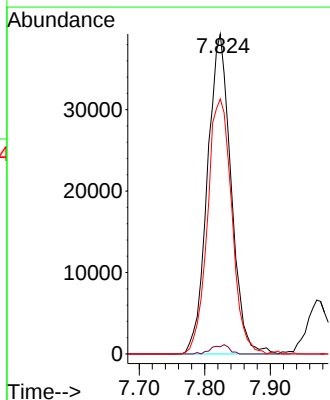
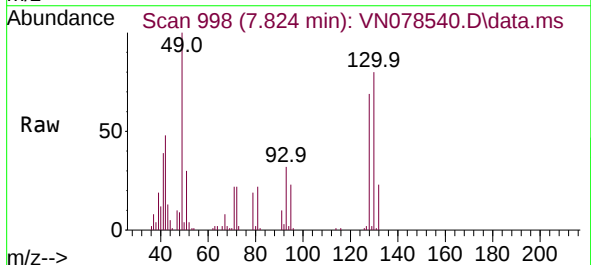
Manual Integrations
 APPROVED

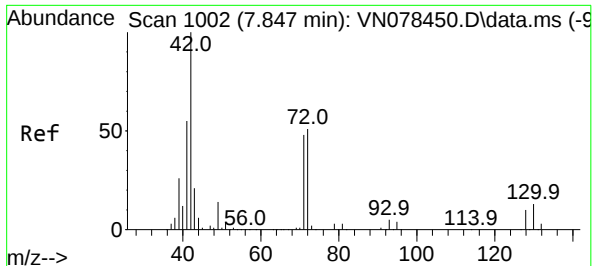
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#28
 Bromochloromethane
 Concen: 21.304 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078540.D
 Acq: 17 Jul 2023 14:00

Tgt Ion: 49 Resp: 98228
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 82.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 102.117 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078540.D

Acq: 17 Jul 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion: 42 Resp: 19820

Ion Ratio Lower Upper

42 100

72 48.3 49.8 74.6

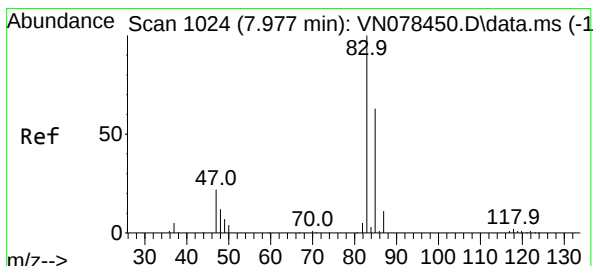
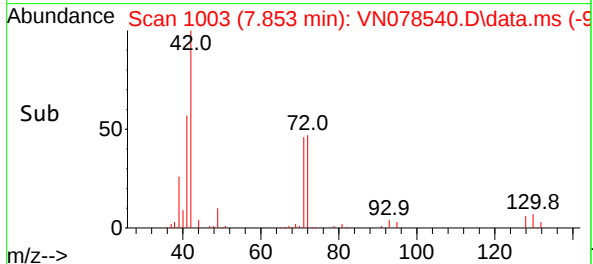
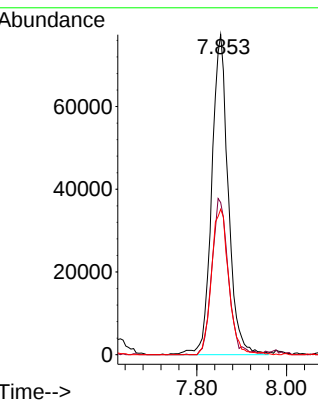
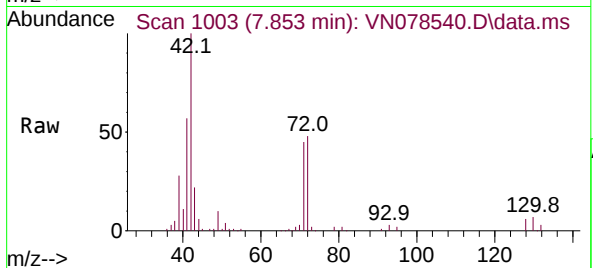
71 47.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#30

Chloroform

Concen: 20.599 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078540.D

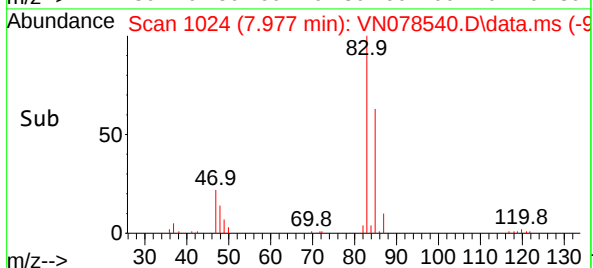
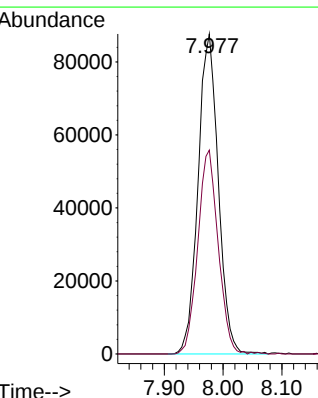
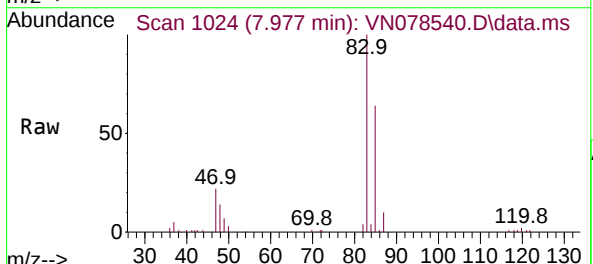
Acq: 17 Jul 2023 14:00

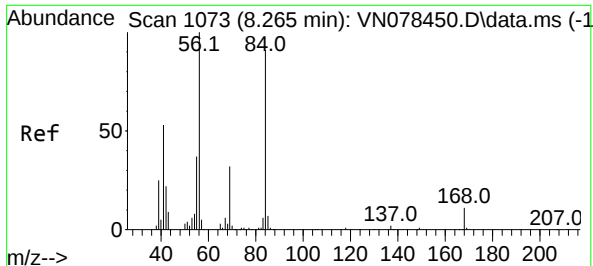
Tgt Ion: 83 Resp: 209939

Ion Ratio Lower Upper

83 100

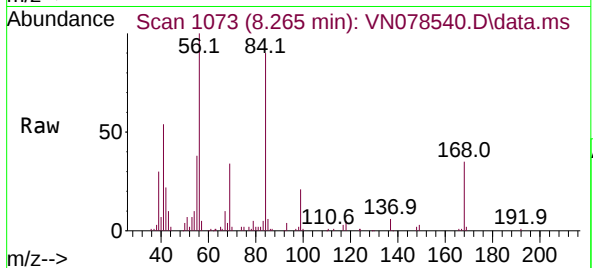
85 63.7 55.4 83.0





#31
Cyclohexane
Concen: 18.413 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

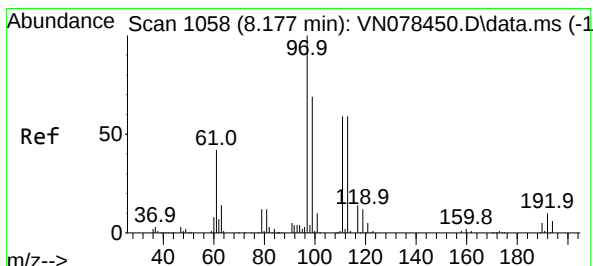
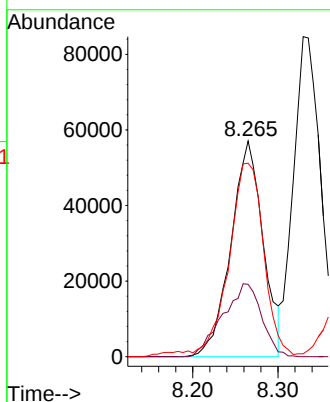
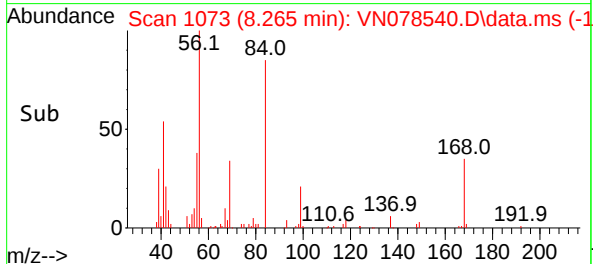
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 56 Resp: 15011
Ion Ratio Lower Upper
56 100
69 33.5 26.8 40.2
84 87.2 81.8 122.6

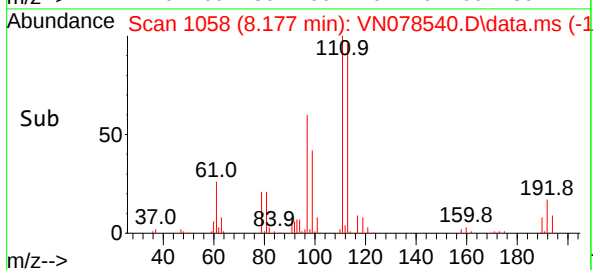
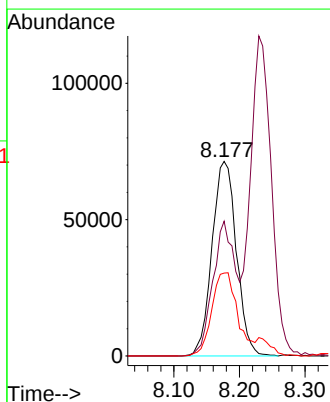
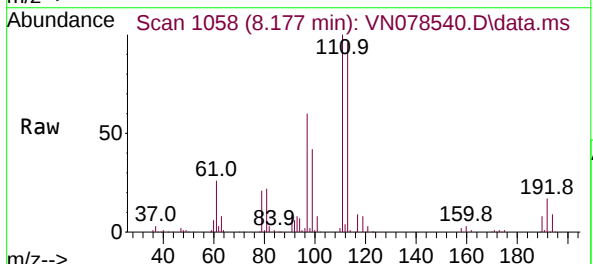
Manual Integrations
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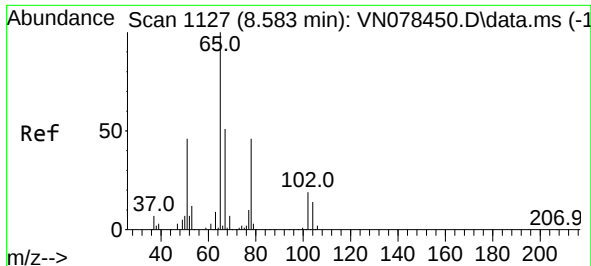
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#32
1,1,1-Trichloroethane
Concen: 20.169 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Tgt Ion: 97 Resp: 184296
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 45.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.110 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078540.D

Acq: 17 Jul 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion: 65 Resp: 32039

Ion Ratio Lower Upper

65 100

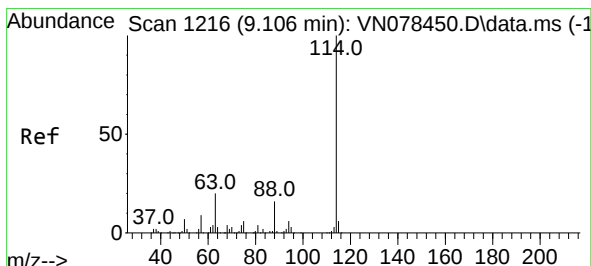
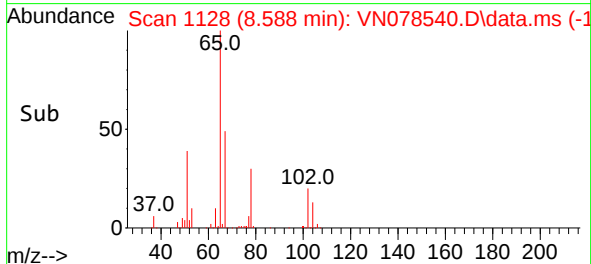
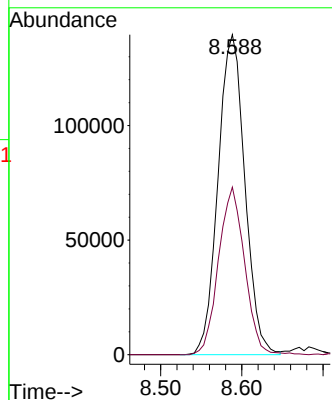
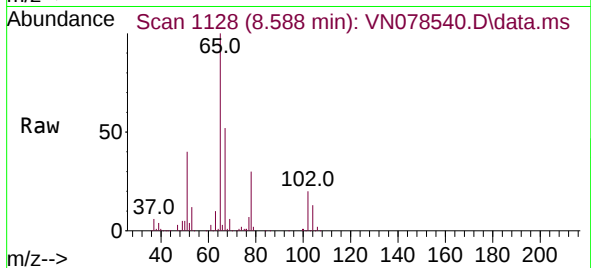
67 51.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078540.D

Acq: 17 Jul 2023 14:00

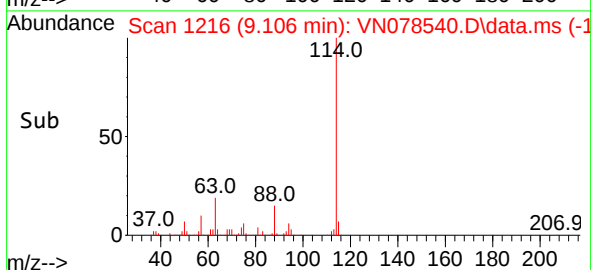
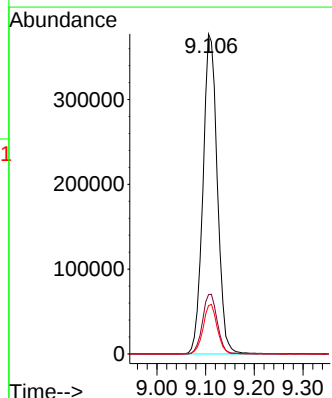
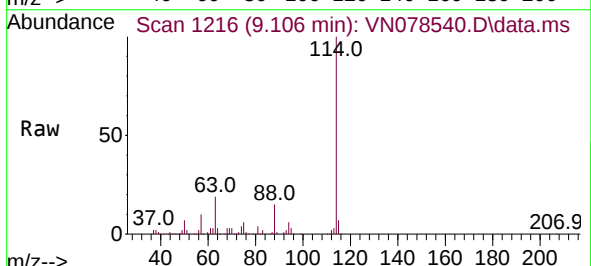
Tgt Ion:114 Resp: 772522

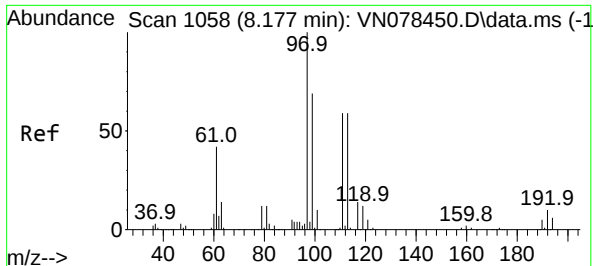
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

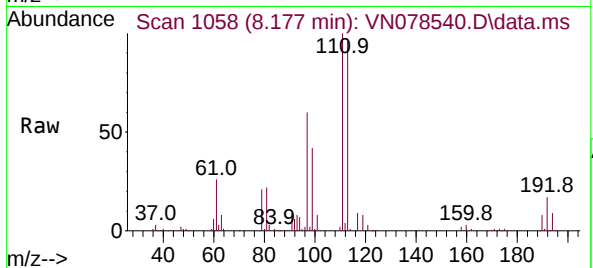
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.010 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

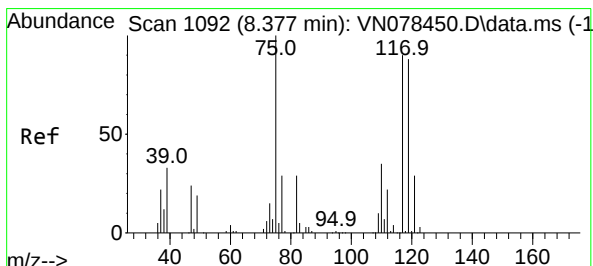
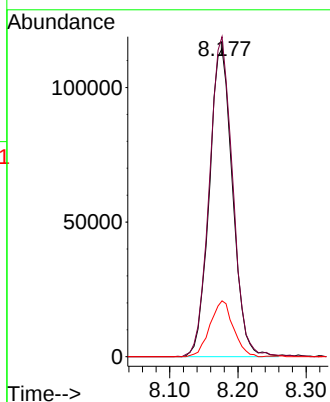
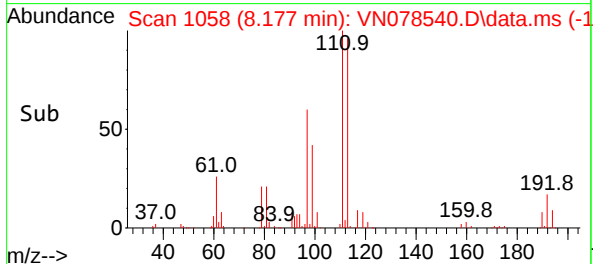
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion:113 Resp: 272749
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 18.1 12.7 19.1

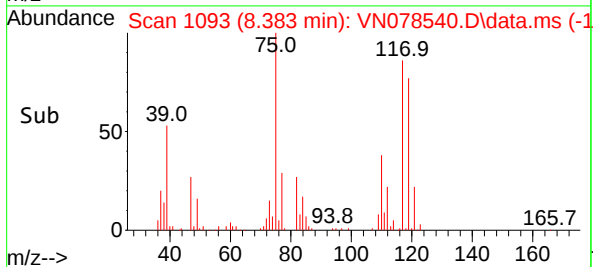
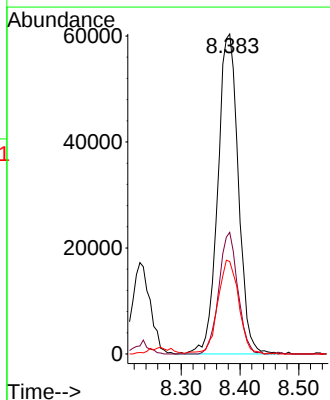
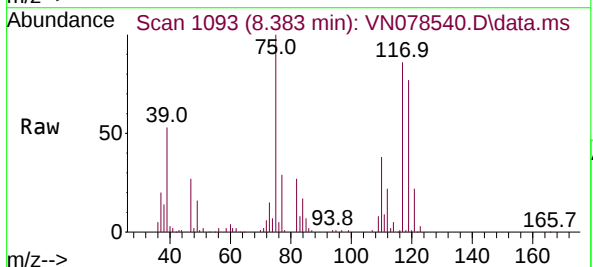
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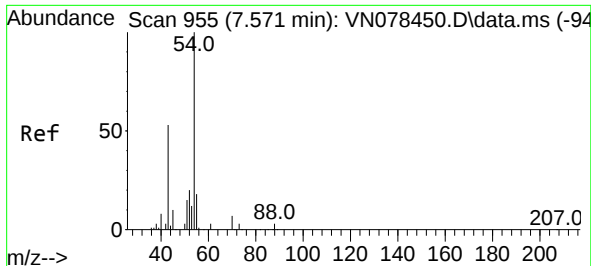
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#36
1,1-Dichloropropene
Concen: 19.376 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.005 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

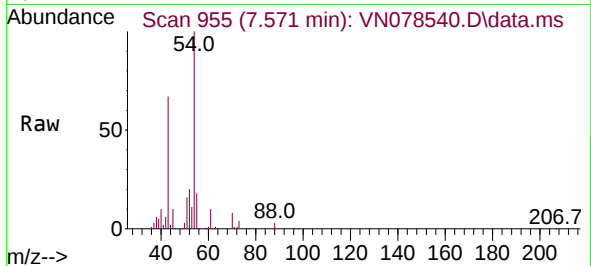
Tgt Ion: 75 Resp: 146717
Ion Ratio Lower Upper
75 100
110 35.1 19.1 57.3
77 29.7 25.0 37.4





#37
Ethyl Acetate
Concen: 18.981 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

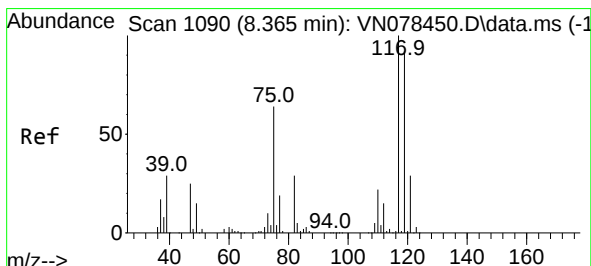
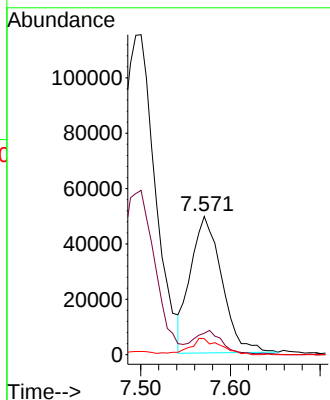
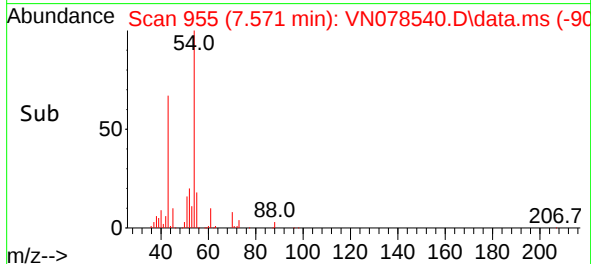
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 43 Resp: 119810
Ion Ratio Lower Upper
43 100
61 14.9 13.2 19.8
70 11.4 11.3 16.9

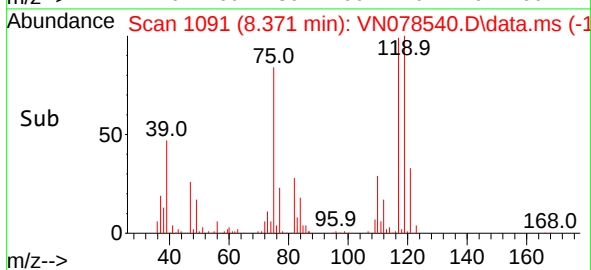
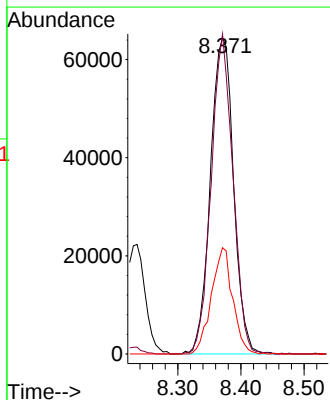
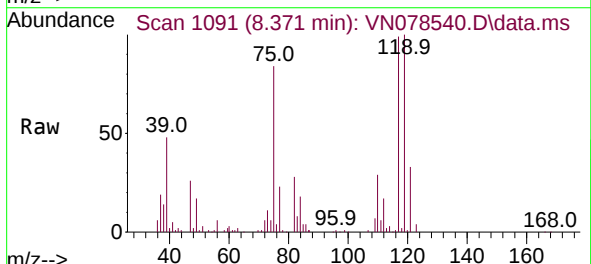
Manual Integrations
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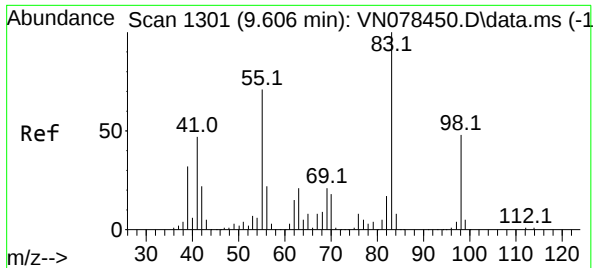
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#38
Carbon Tetrachloride
Concen: 19.951 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Tgt Ion:117 Resp: 164185
Ion Ratio Lower Upper
117 100
119 101.4 77.3 115.9
121 33.6 23.3 34.9





#39

Methylcyclohexane

Concen: 19.173 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN078540.D

Acq: 17 Jul 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion: 83 Resp: 132518

Ion Ratio Lower Upper

83 100

55 63.1 49.1 73.7

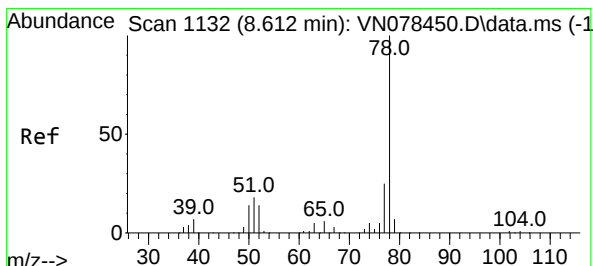
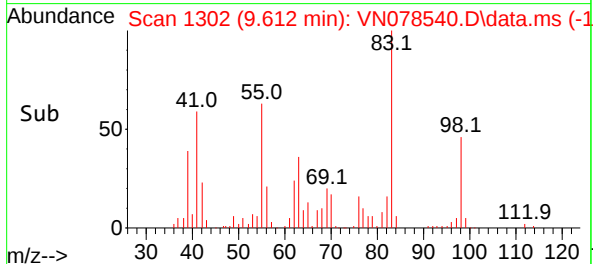
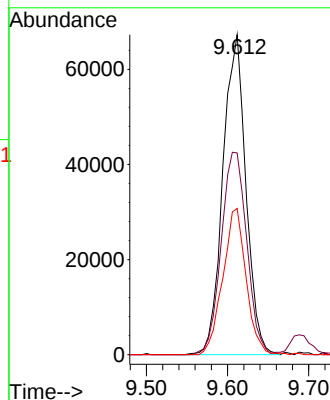
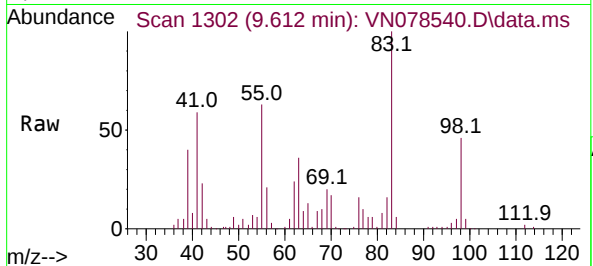
98 45.7 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#40

Benzene

Concen: 19.931 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN078540.D

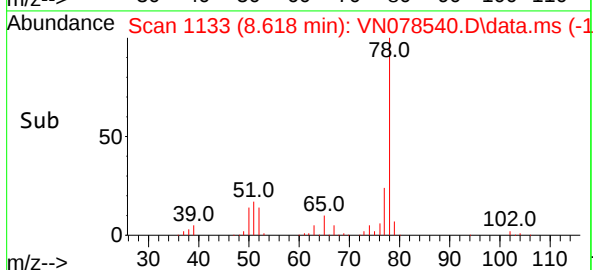
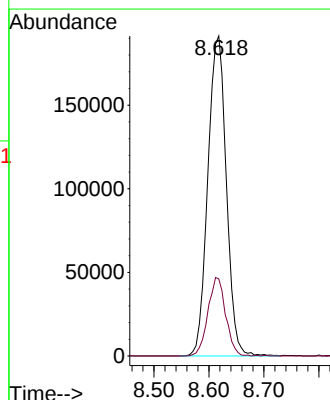
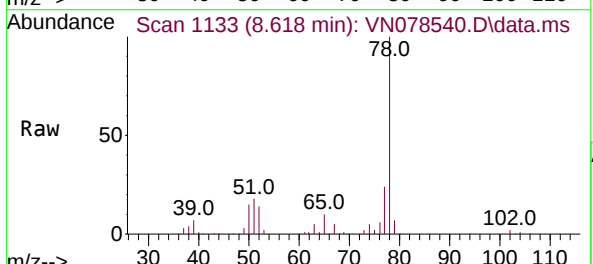
Acq: 17 Jul 2023 14:00

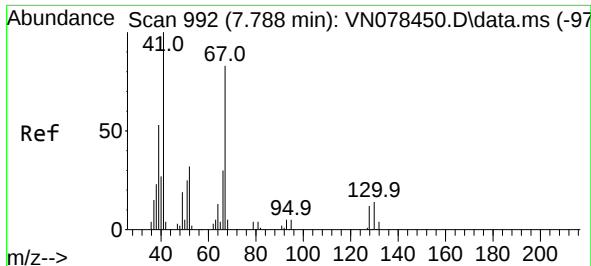
Tgt Ion: 78 Resp: 447102

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6





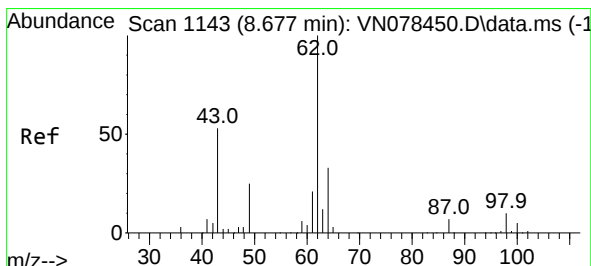
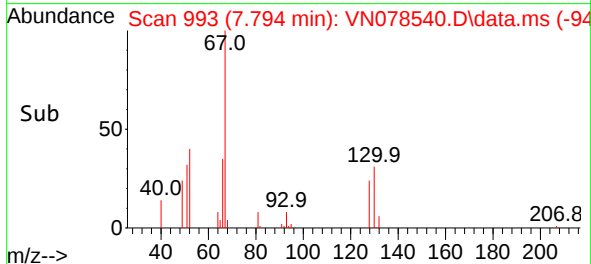
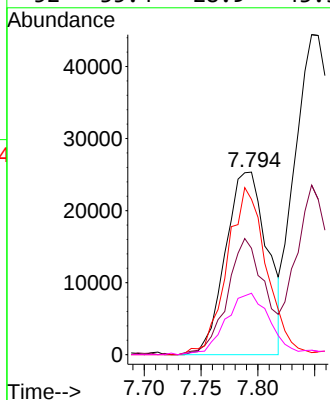
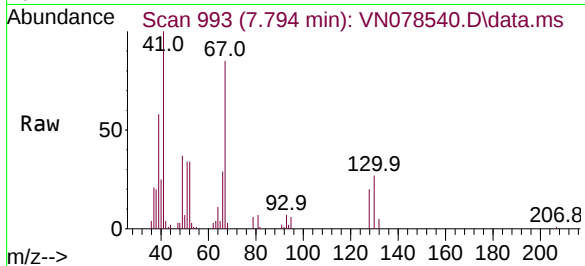
#41
Methacrylonitrile
Concen: 20.115 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion: 41 Resp: 6472
Ion Ratio Lower Upper
41 100
39 57.4 42.6 64.0
67 87.4 77.5 116.3
52 35.4 28.9 43.3

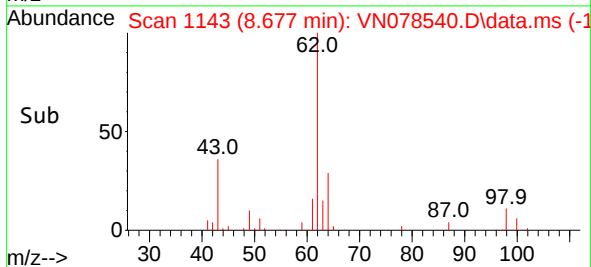
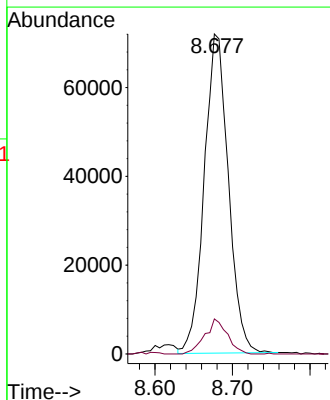
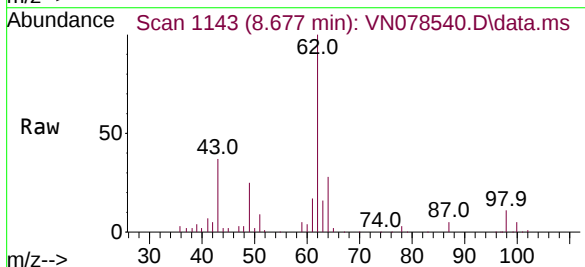
Manual Integrations
APPROVED

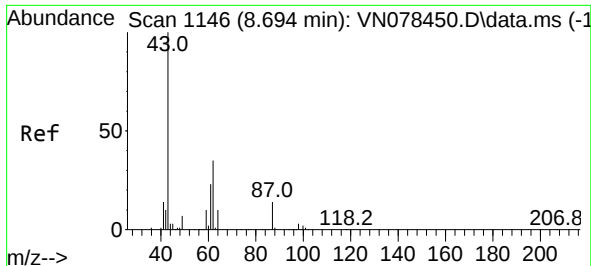
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#42
1,2-Dichloroethane
Concen: 20.391 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

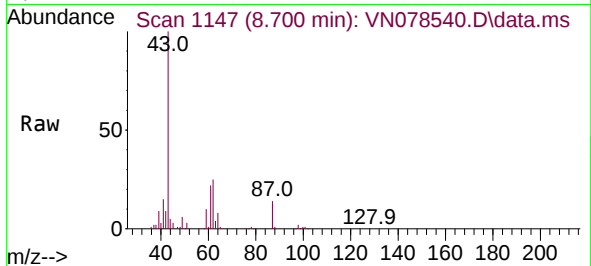
Tgt Ion: 62 Resp: 155585
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.509 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

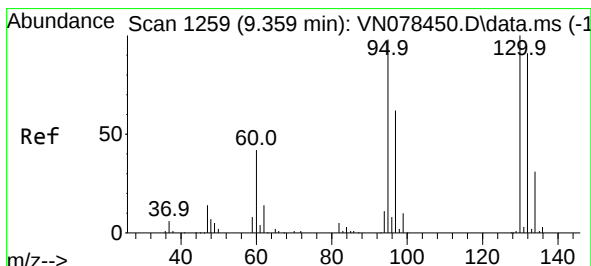
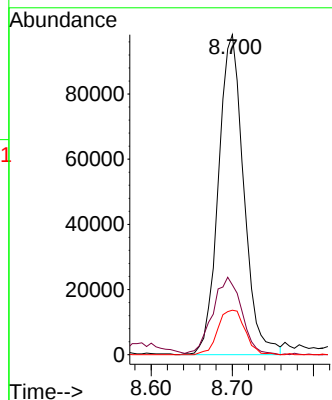
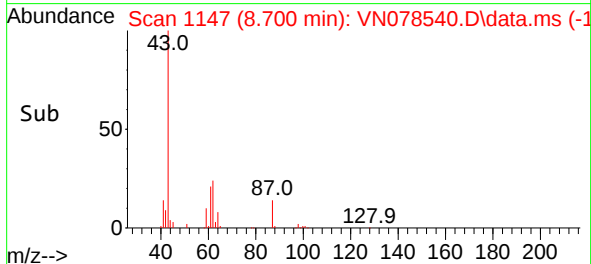
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 43 Resp: 213139
Ion Ratio Lower Upper
43 100
61 27.8 24.7 37.1
87 14.9 14.6 21.8

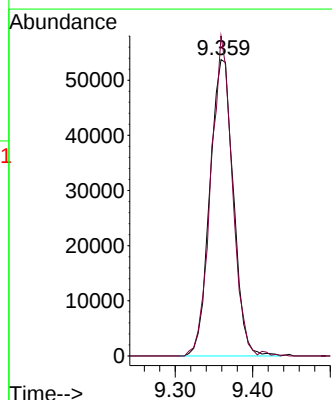
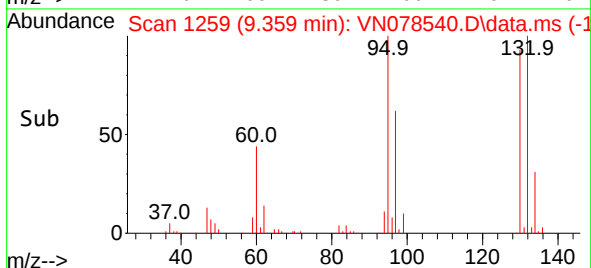
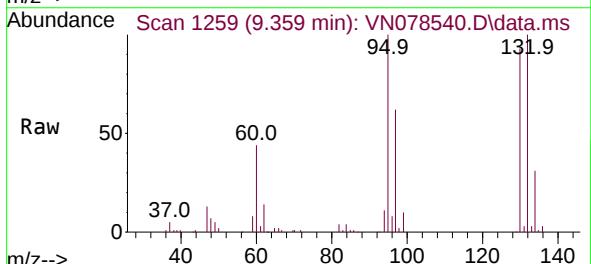
Manual Integrations
APPROVED

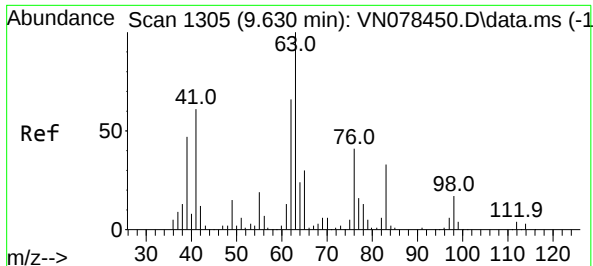
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#44
Trichloroethene
Concen: 18.708 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Tgt Ion:130 Resp: 113112
Ion Ratio Lower Upper
130 100
95 108.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.584 ug/l

RT: 9.629 min Scan# 116950

Delta R.T. -0.001 min

Lab File: VN078540.D

Acq: 17 Jul 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion: 63 Resp: 116950

Ion Ratio Lower Upper

63 100

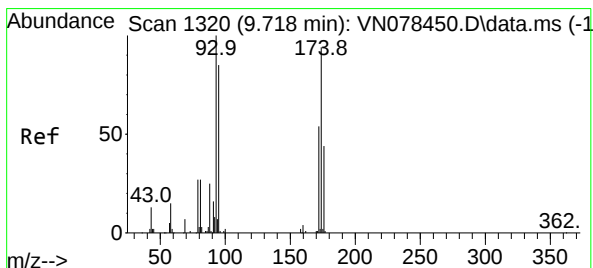
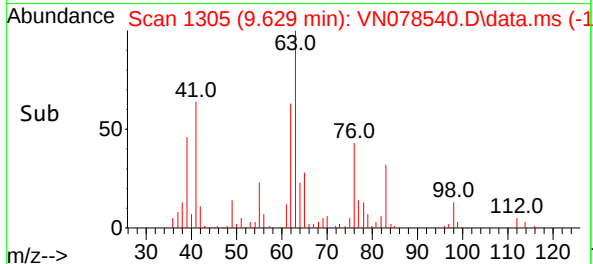
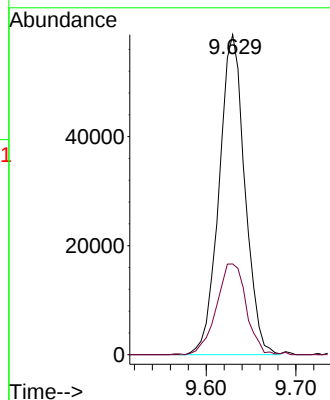
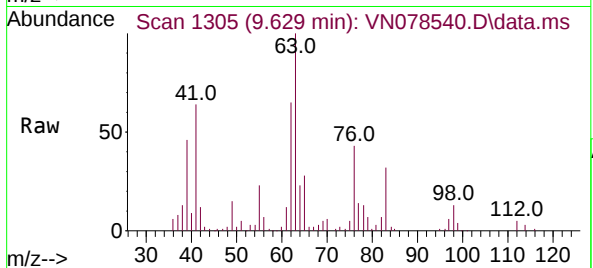
65 28.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 20.502 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078540.D

Acq: 17 Jul 2023 14:00

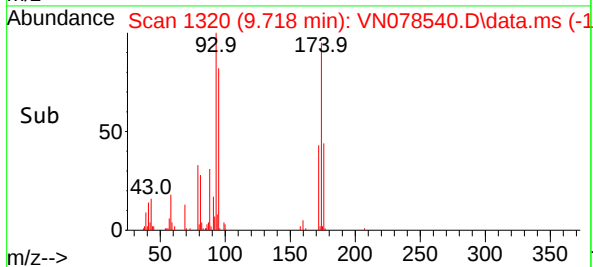
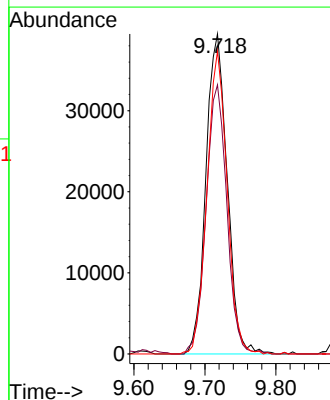
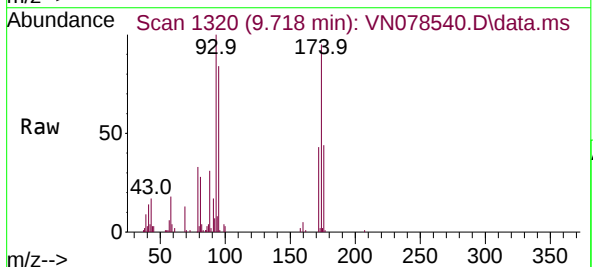
Tgt Ion: 93 Resp: 81985

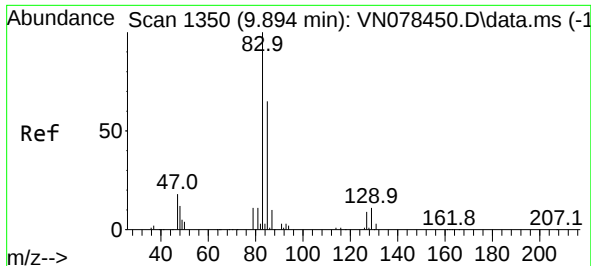
Ion Ratio Lower Upper

93 100

95 82.0 63.8 95.8

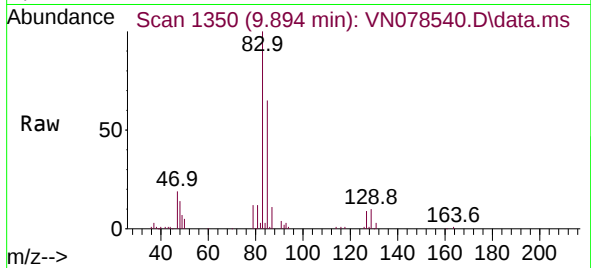
174 89.8 65.6 98.4





#47
Bromodichloromethane
Concen: 20.223 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

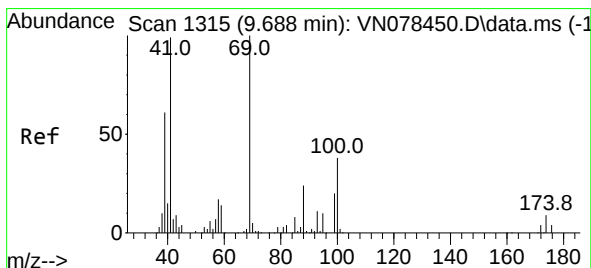
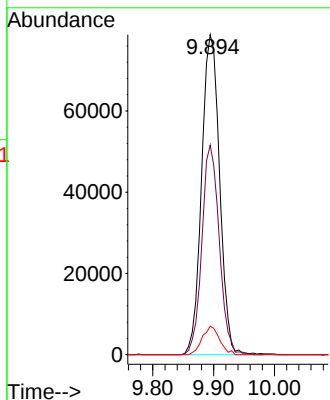
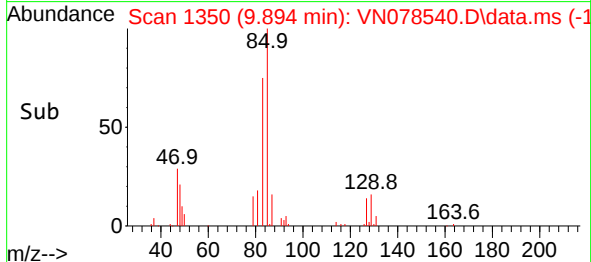
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 83 Resp: 162100
Ion Ratio Lower Upper
83 100
85 65.5 49.6 74.4
127 8.9 7.0 10.6

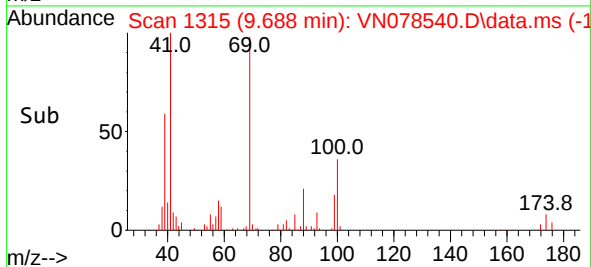
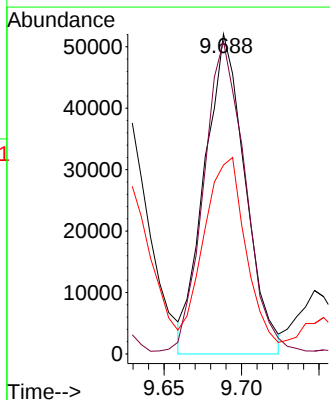
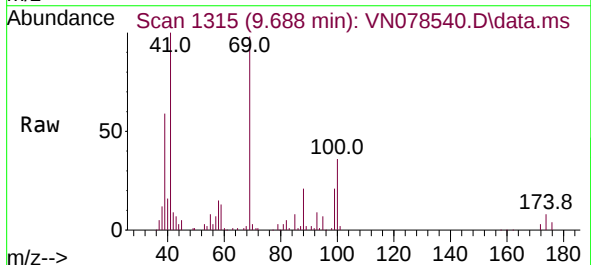
Manual Integrations
APPROVED

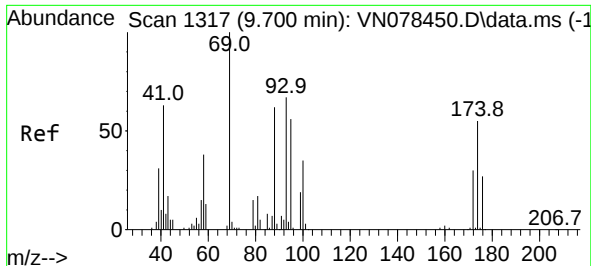
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#48
Methyl methacrylate
Concen: 19.728 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Tgt Ion: 41 Resp: 94982
Ion Ratio Lower Upper
41 100
69 98.9 90.4 135.6
39 65.3 54.6 81.8





#49

1,4-Dioxane

Concen: 385.238 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078540.D

Acq: 17 Jul 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion: 88 Resp: 40449

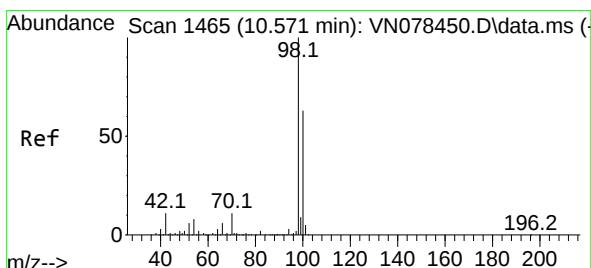
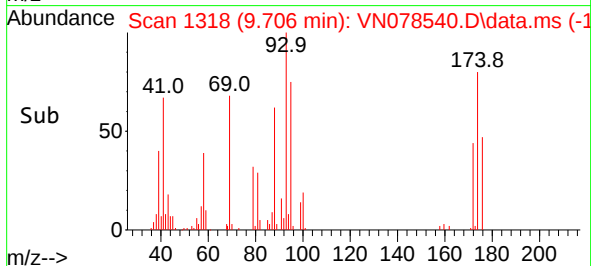
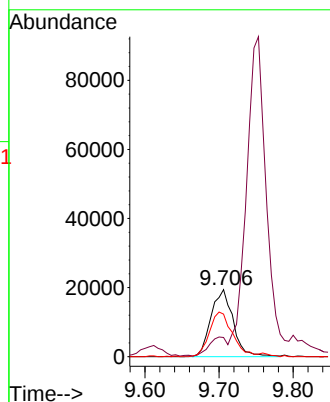
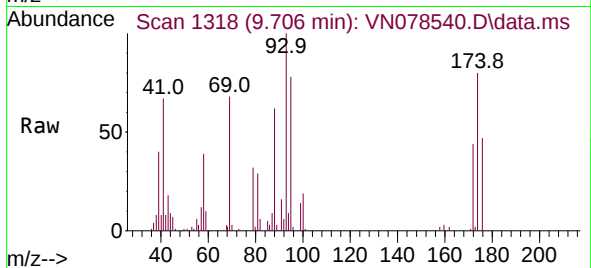
Ion	Ratio	Lower	Upper
88	100		
43	22.7	17.0	25.6
58	69.1	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#50

Toluene-d8

Concen: 51.160 ug/l

RT: 10.571 min Scan# 1465

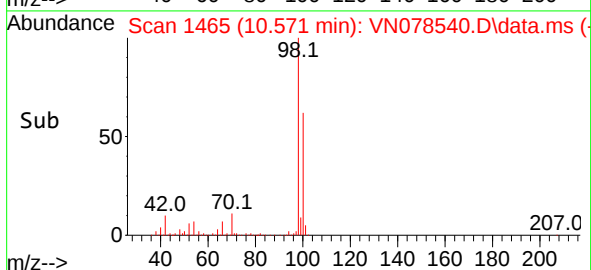
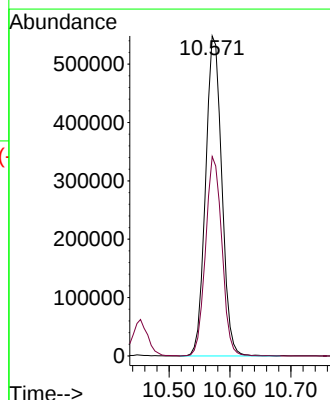
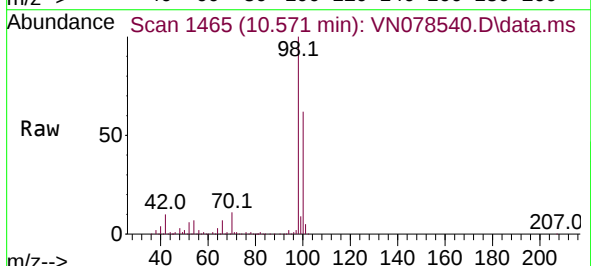
Delta R.T. -0.000 min

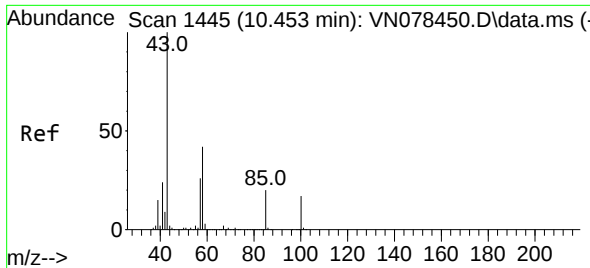
Lab File: VN078540.D

Acq: 17 Jul 2023 14:00

Tgt Ion: 98 Resp: 1013507

Ion	Ratio	Lower	Upper
98	100		
100	62.8	52.0	78.0





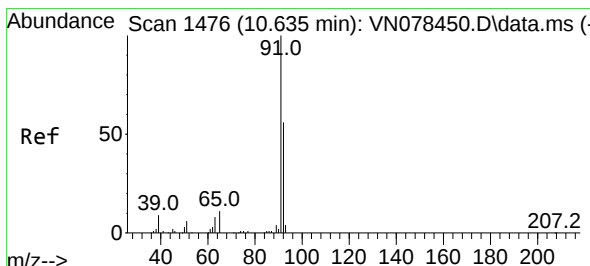
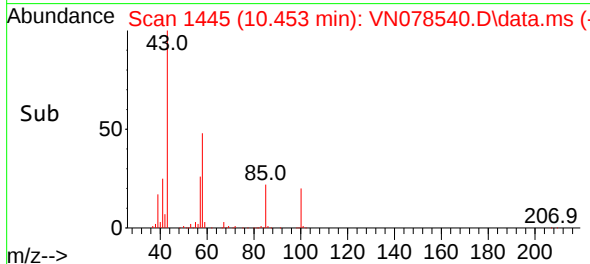
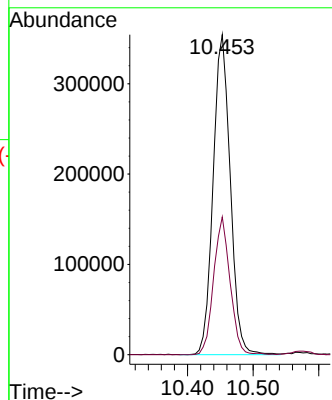
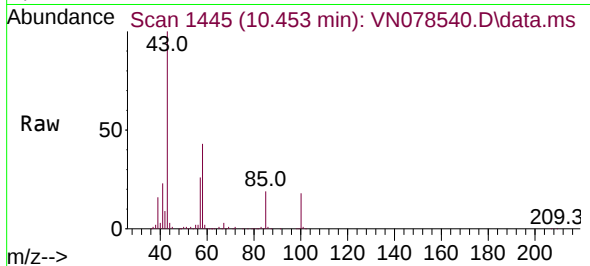
#51
4-Methyl-2-Pentanone
Concen: 104.030 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion: 43 Resp: 643050
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

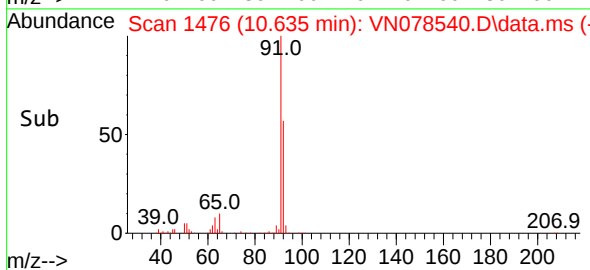
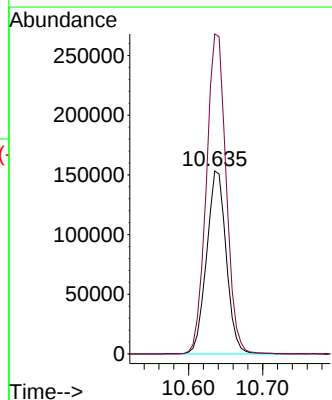
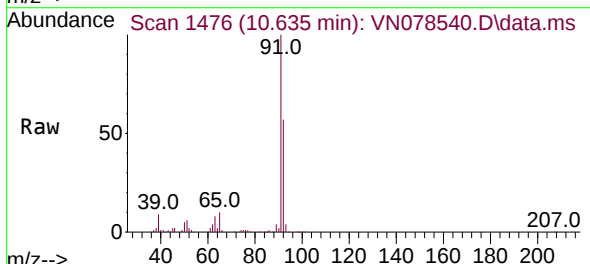
Manual Integrations
APPROVED

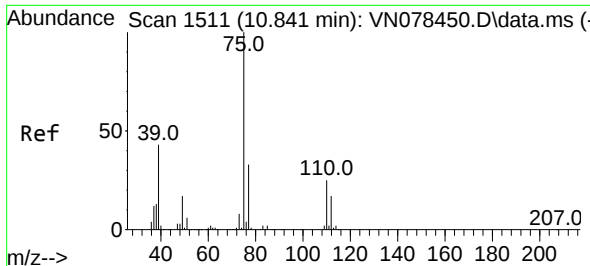
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#52
Toluene
Concen: 20.303 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

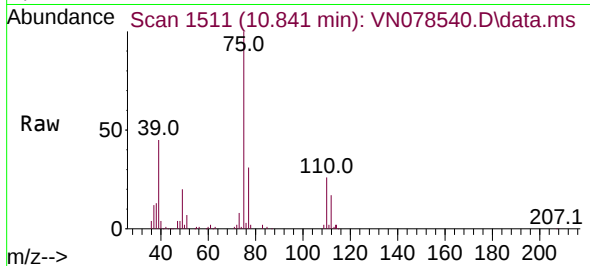
Tgt Ion: 92 Resp: 282275
Ion Ratio Lower Upper
92 100
91 176.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.783 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

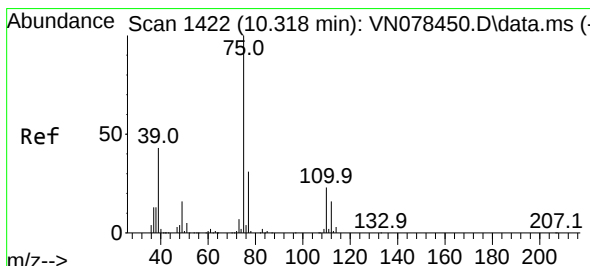
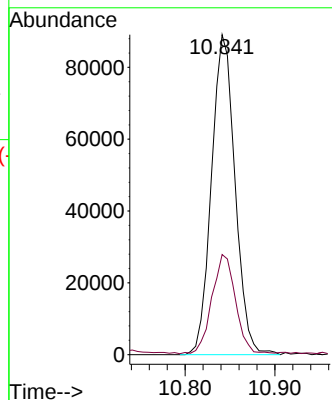
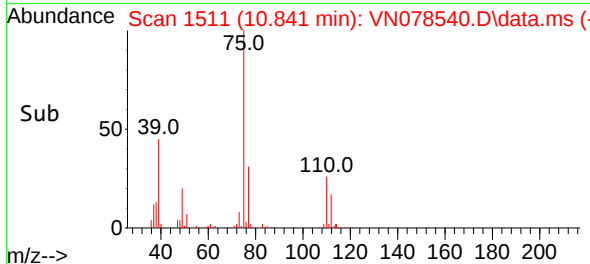
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



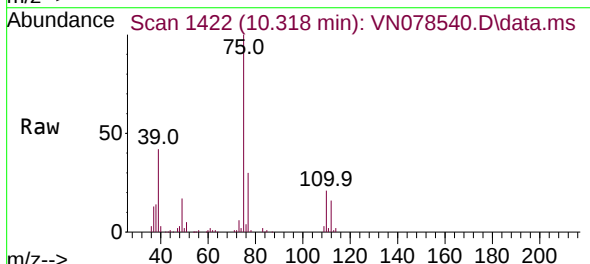
Tgt Ion: 75 Resp: 16246
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

Manual Integrations
APPROVED

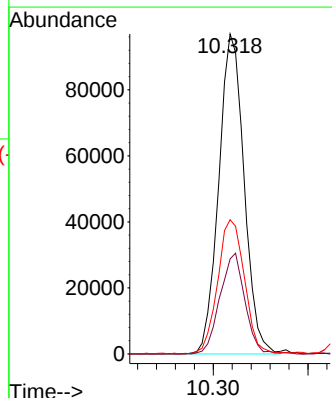
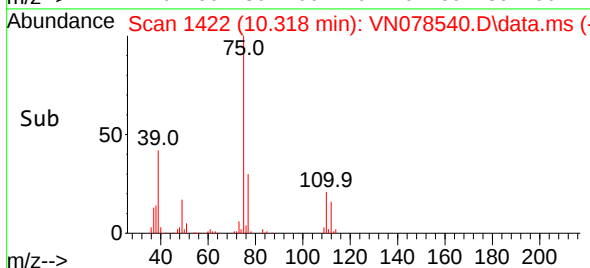
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

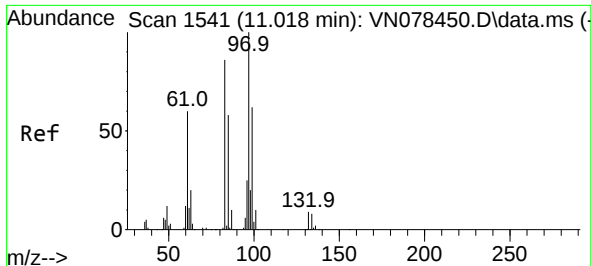


#54
cis-1,3-Dichloropropene
Concen: 20.578 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00



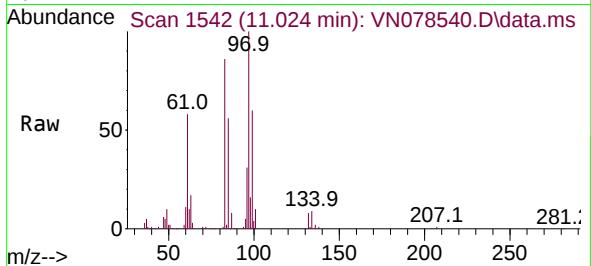
Tgt Ion: 75 Resp: 180135
Ion Ratio Lower Upper
75 100
77 29.7 26.1 39.1
39 41.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.276 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

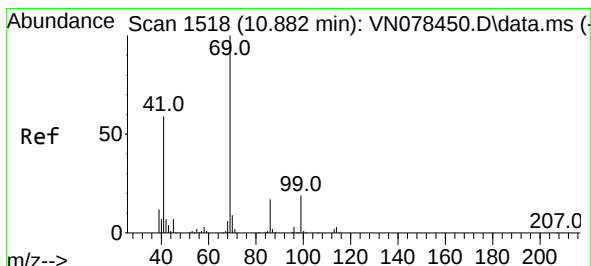
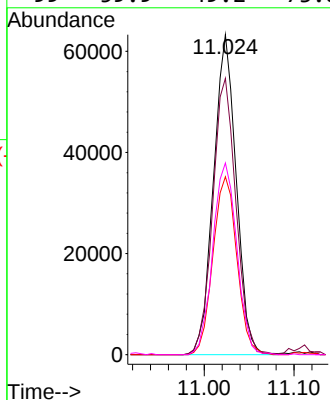
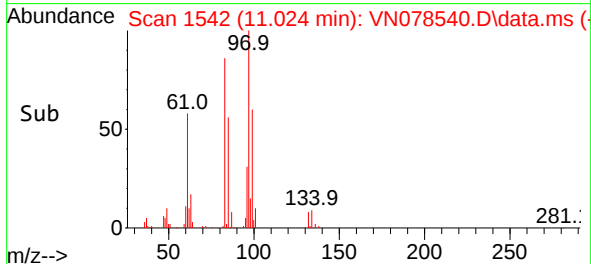
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 97 Resp: 111070
Ion Ratio Lower Upper
97 100
83 86.4 65.1 97.7
85 55.6 43.4 65.2
99 59.9 49.2 73.8

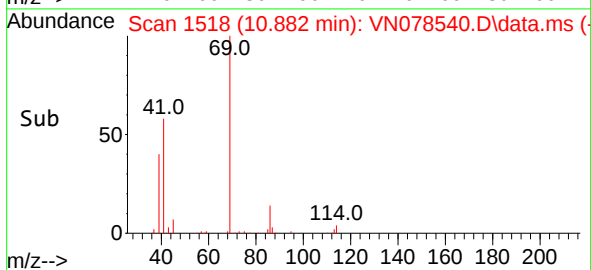
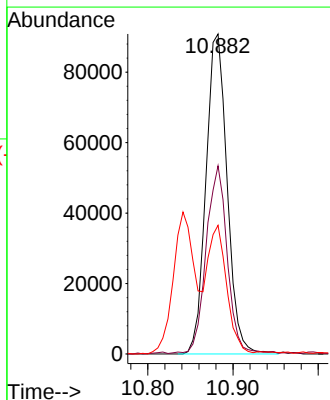
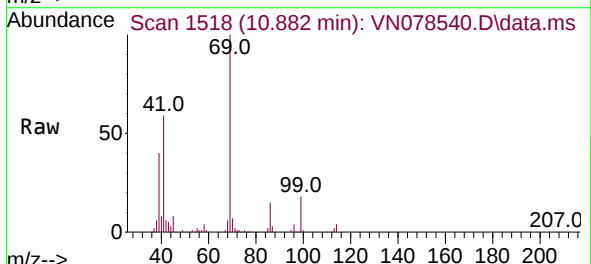
Manual Integrations
APPROVED

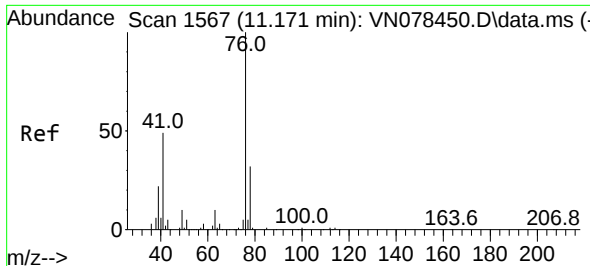
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#56
Ethyl methacrylate
Concen: 20.505 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Tgt Ion: 69 Resp: 157014
Ion Ratio Lower Upper
69 100
41 58.2 39.6 59.4
39 34.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.333 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078540.D

Acq: 17 Jul 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion: 76 Resp: 189378

Ion Ratio Lower Upper

76 100

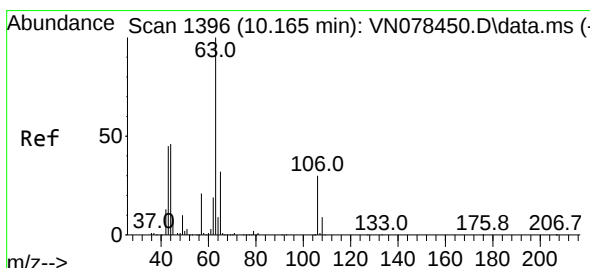
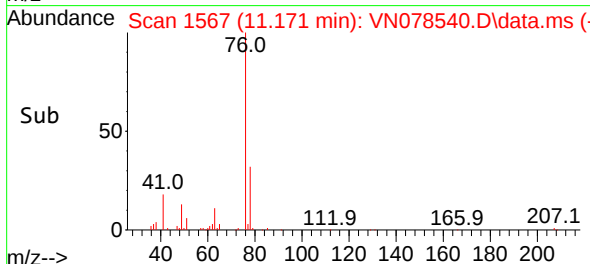
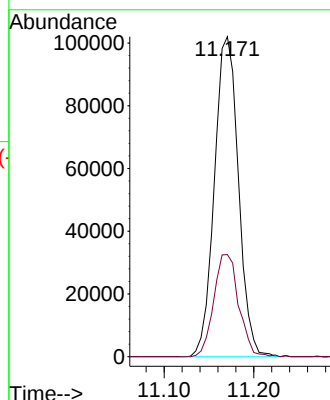
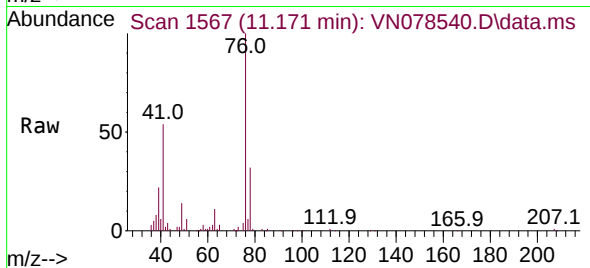
78 33.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 94.488 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078540.D

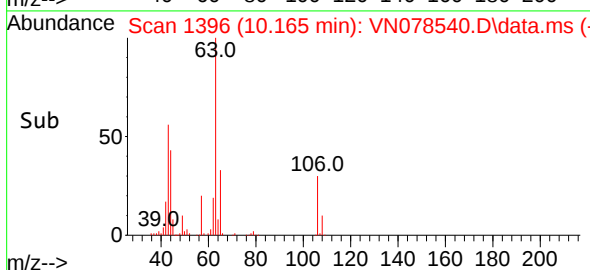
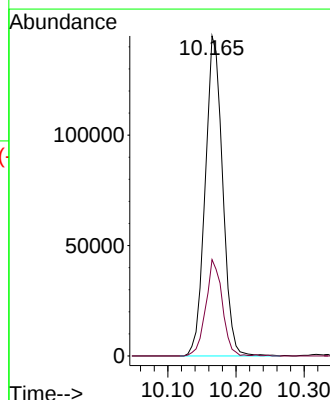
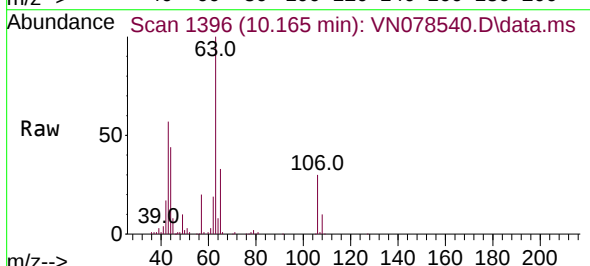
Acq: 17 Jul 2023 14:00

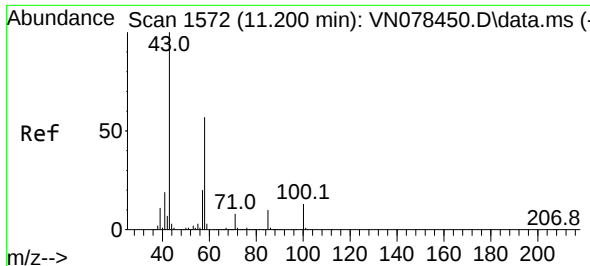
Tgt Ion: 63 Resp: 257848

Ion Ratio Lower Upper

63 100

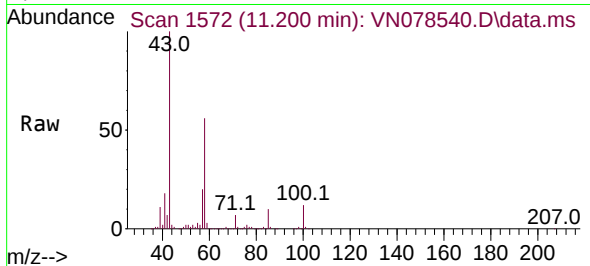
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 104.722 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

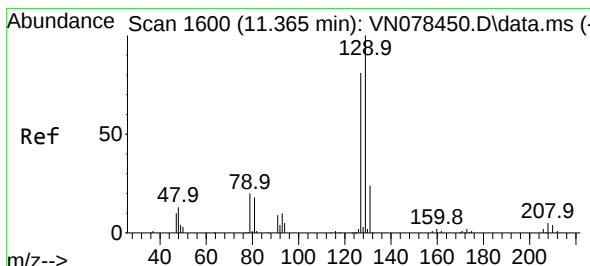
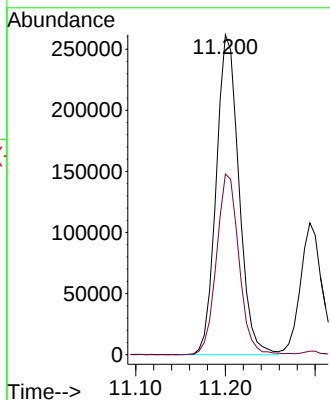
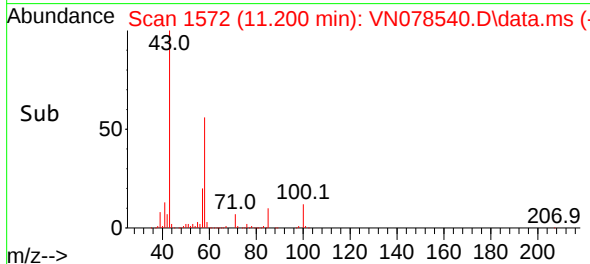
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 43 Resp: 460064
Ion Ratio Lower Upper
43 100
58 55.9 31.7 95.1

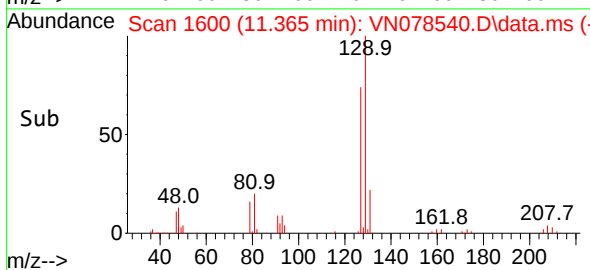
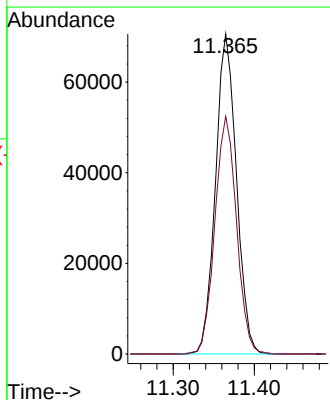
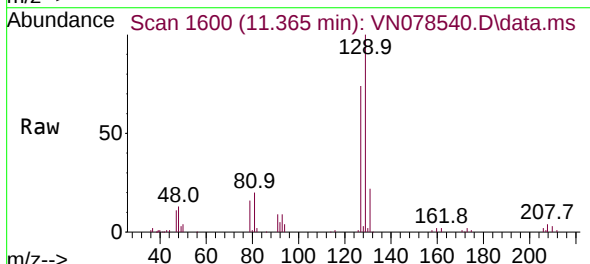
Manual Integrations
APPROVED

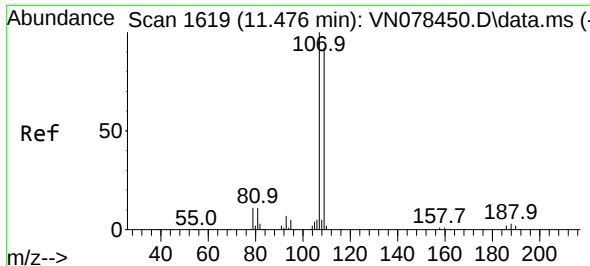
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 20.993 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

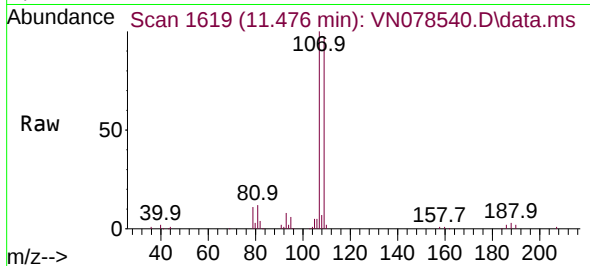
Tgt Ion:129 Resp: 126952
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.639 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

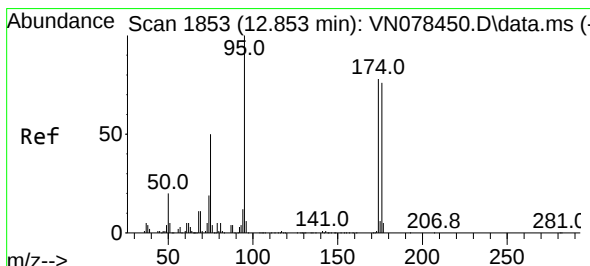
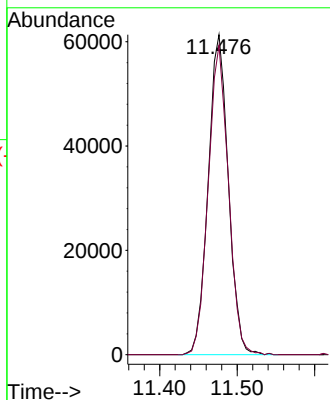
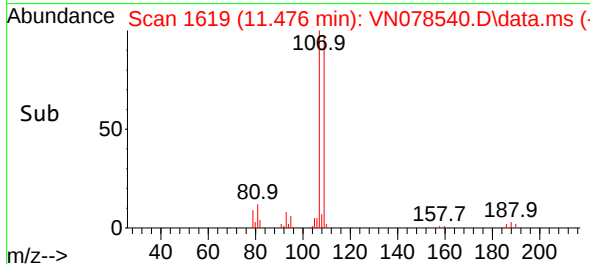
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



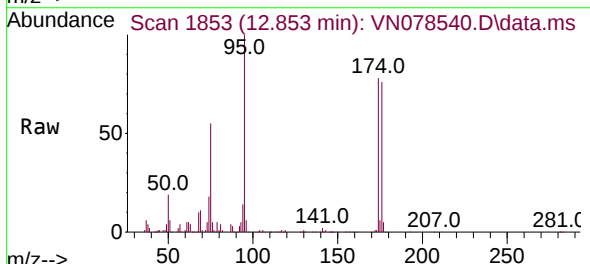
Tgt Ion:107 Resp: 11082
Ion Ratio Lower Upper
107 100
109 96.9 76.6 114.8

Manual Integrations
APPROVED

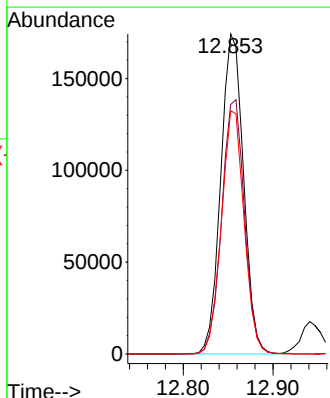
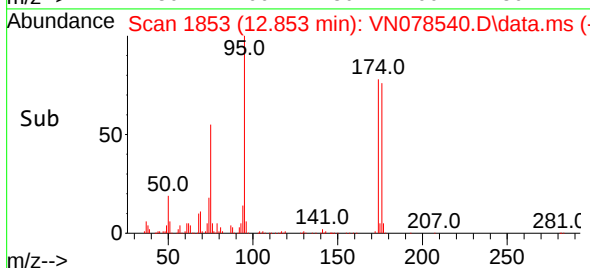
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

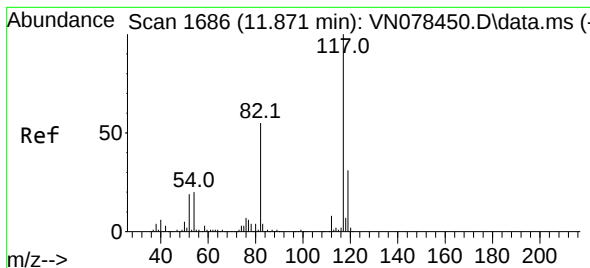


#62
4-Bromofluorobenzene
Concen: 50.263 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00



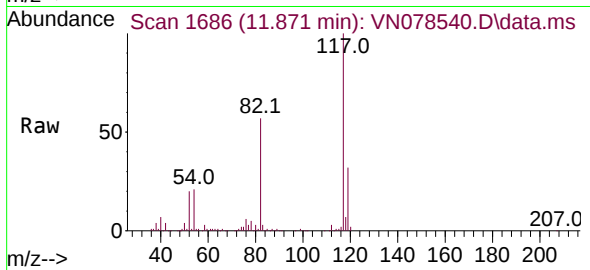
Tgt Ion: 95 Resp: 306709
Ion Ratio Lower Upper
95 100
174 79.7 0.0 143.8
176 75.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

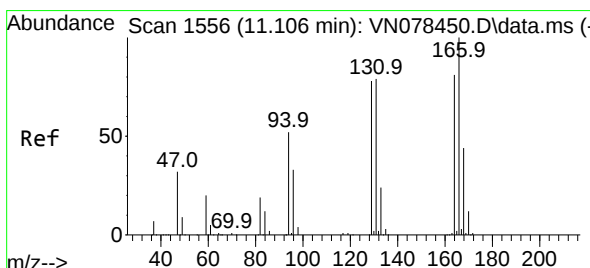
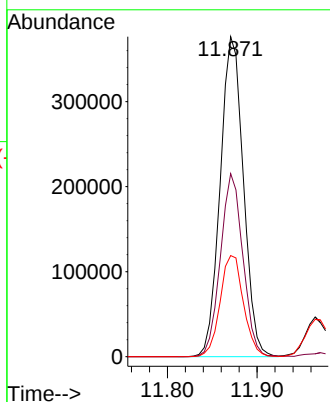
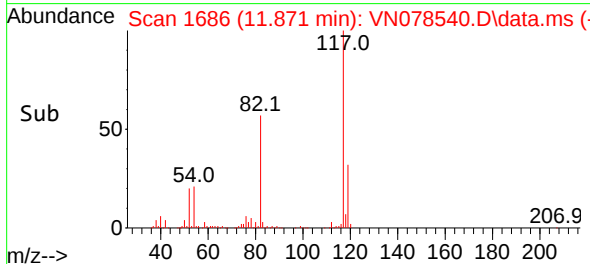
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion:117 Resp: 67548
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 31.6 25.6 38.4

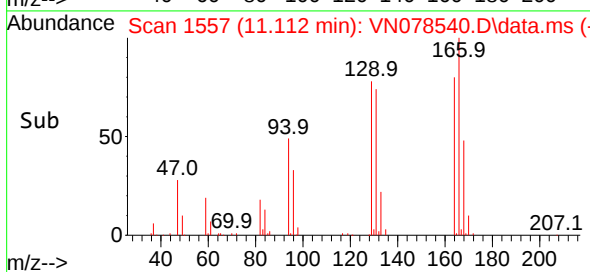
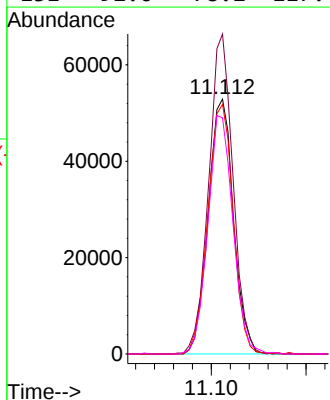
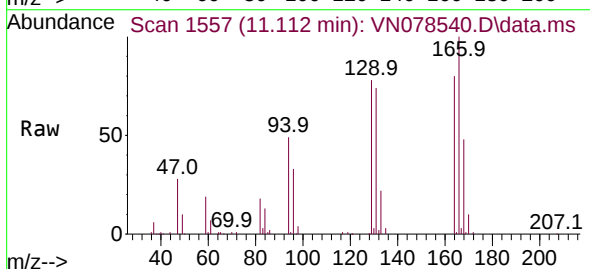
Manual Integrations
APPROVED

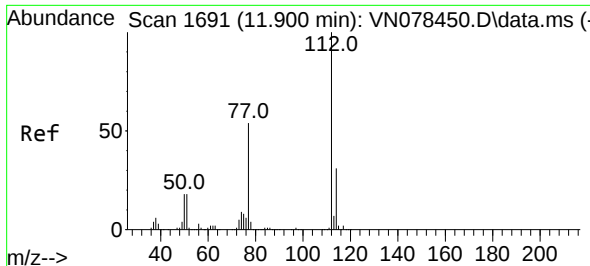
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 19.300 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Tgt Ion:164 Resp: 98013
Ion Ratio Lower Upper
164 100
166 125.2 101.4 152.0
129 97.9 82.4 123.6
131 92.6 78.2 117.4





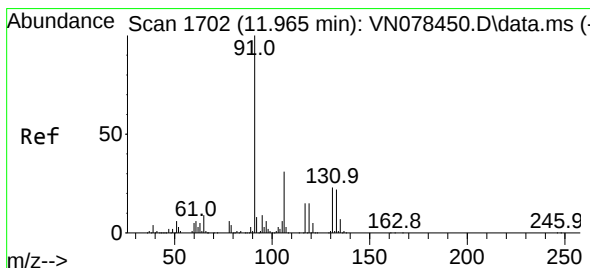
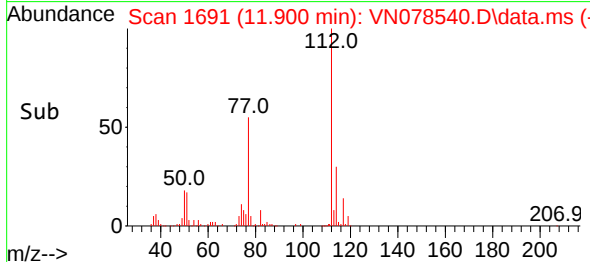
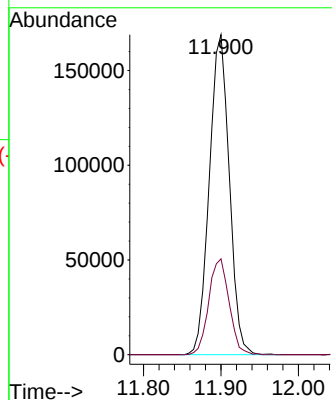
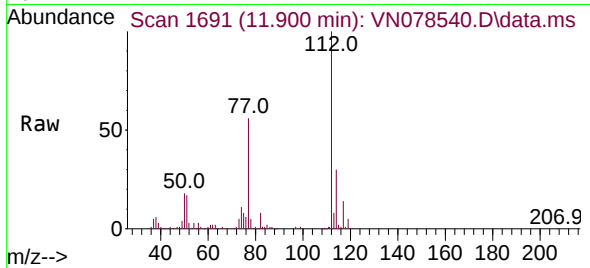
#65
Chlorobenzene
Concen: 20.039 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion:112 Resp: 30256
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.4

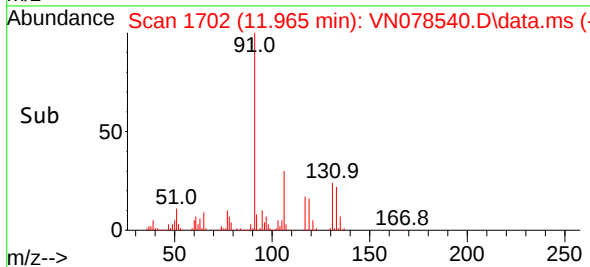
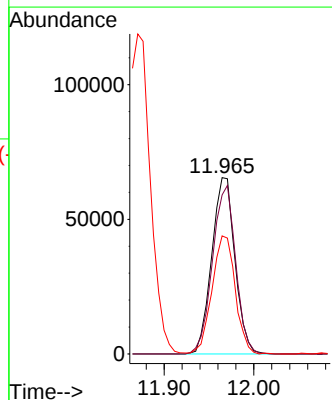
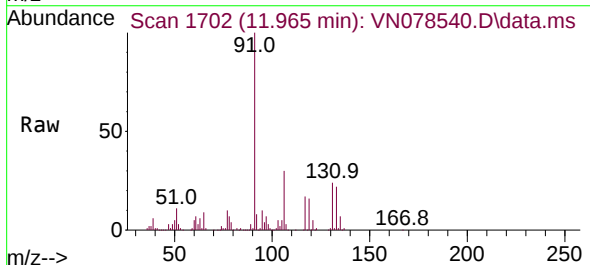
Manual Integrations
APPROVED

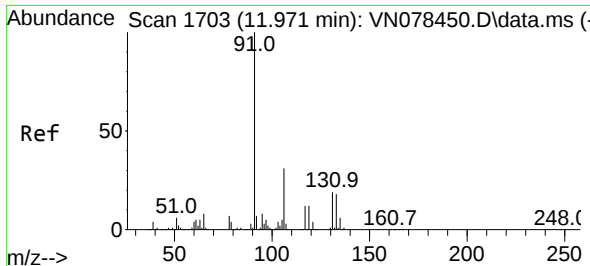
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.229 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

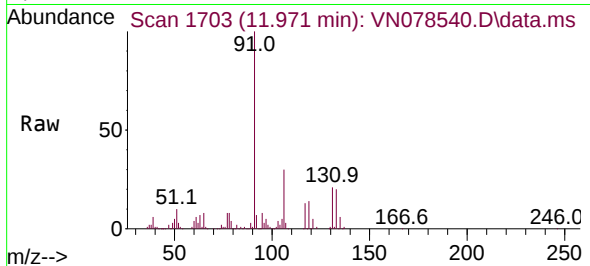
Tgt Ion:131 Resp: 117499
Ion Ratio Lower Upper
131 100
133 95.4 46.4 139.1
119 67.2 34.1 102.2





#67
Ethyl Benzene
Concen: 19.728 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

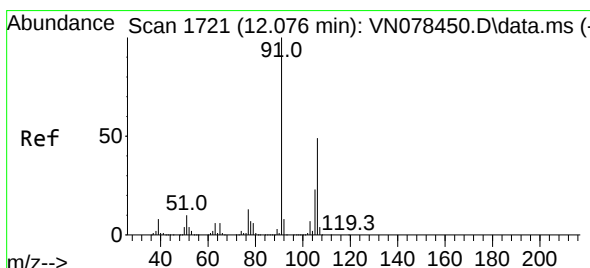
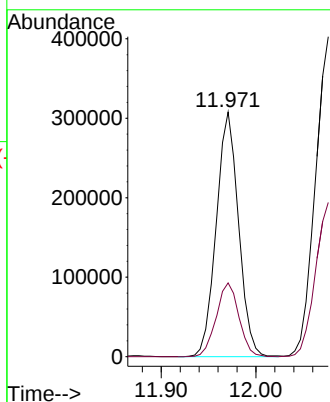
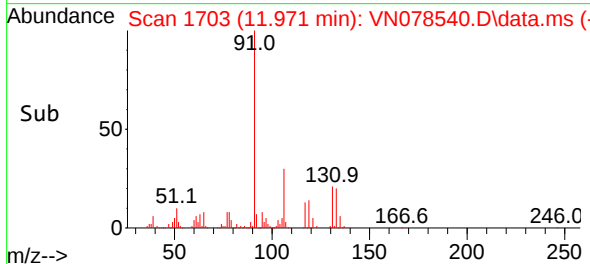
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



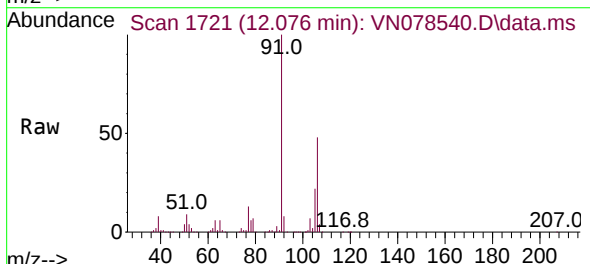
Tgt Ion: 91 Resp: 503479
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

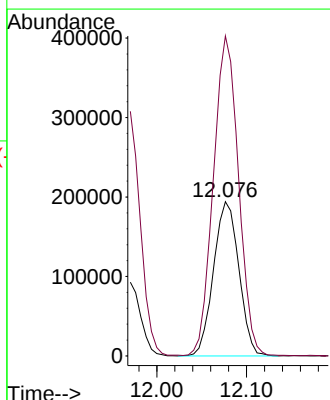
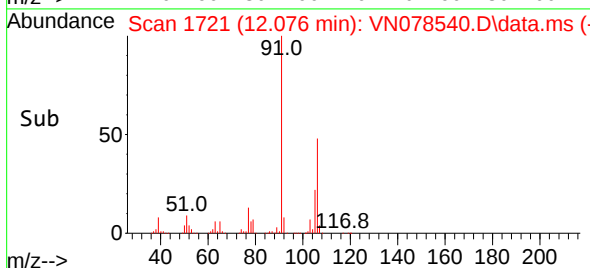
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

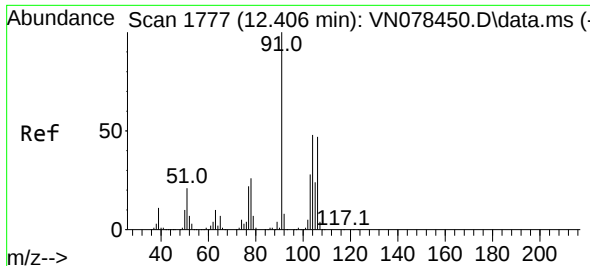


#68
m/p-Xylenes
Concen: 40.330 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00



Tgt Ion:106 Resp: 380562
Ion Ratio Lower Upper
106 100
91 205.6 159.6 239.4





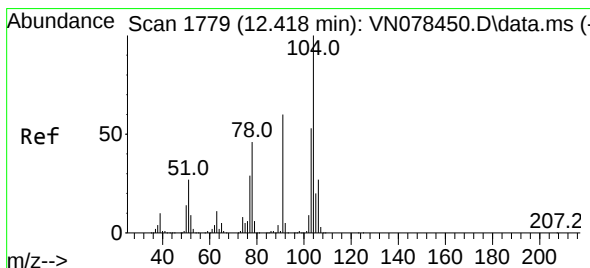
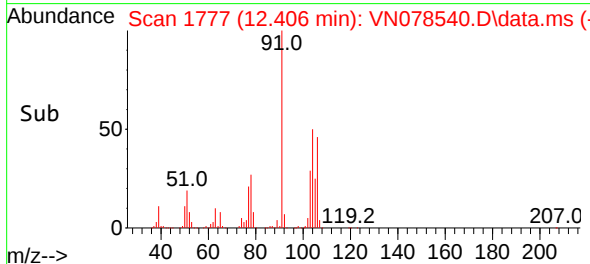
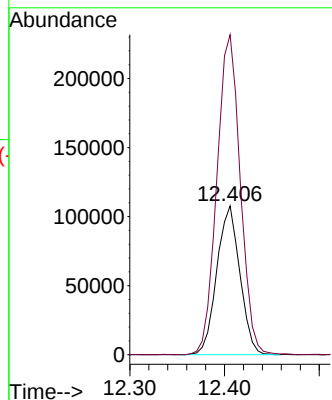
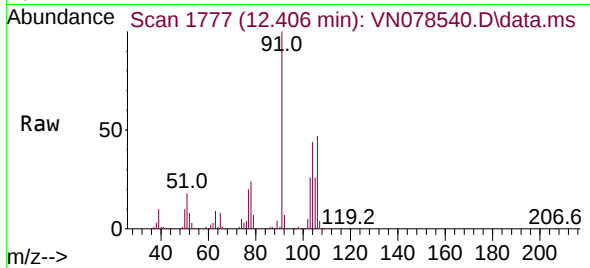
#69
o-Xylene
Concen: 19.115 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion:106 Resp: 18218
Ion Ratio Lower Upper
106 100
91 218.7 105.2 315.5

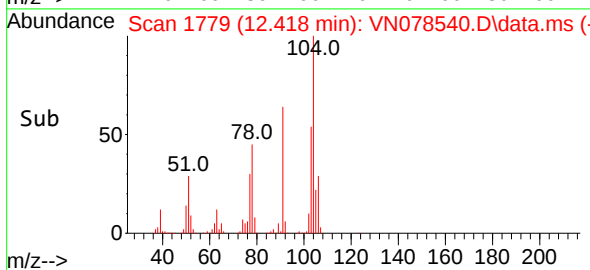
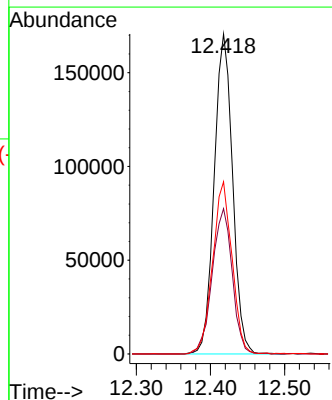
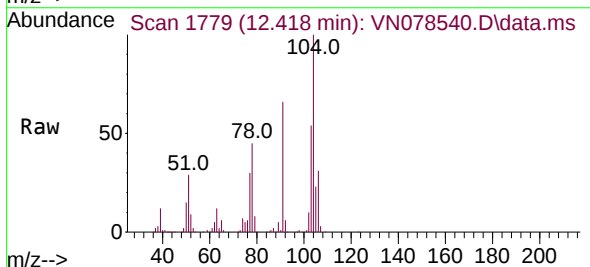
Manual Integrations
APPROVED

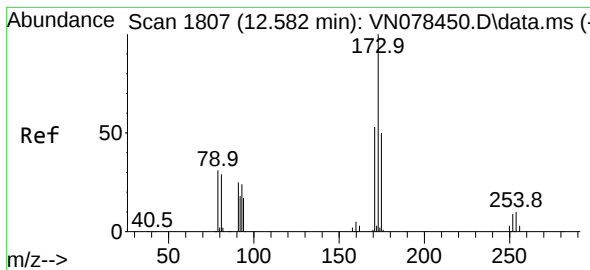
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 19.702 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Tgt Ion:104 Resp: 293778
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 56.8 43.2 64.8





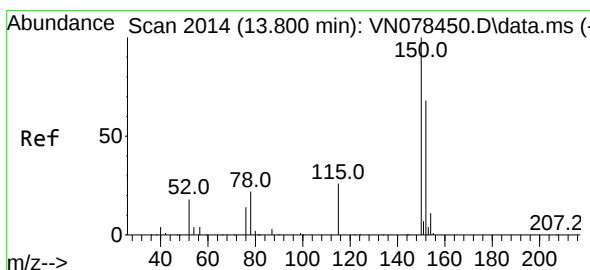
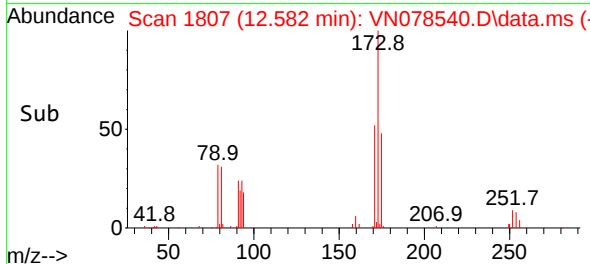
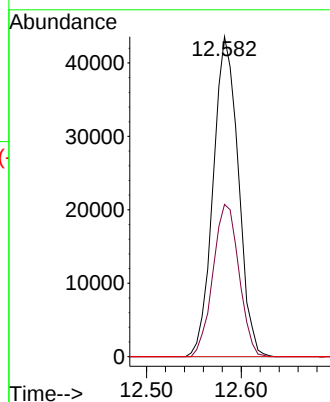
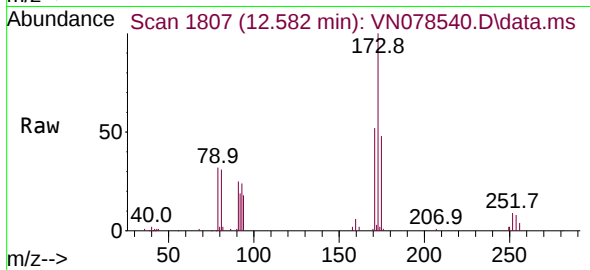
#71
Bromoform
Concen: 20.423 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion:173 Resp: 80340
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0

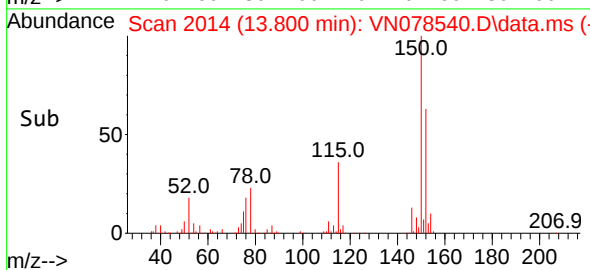
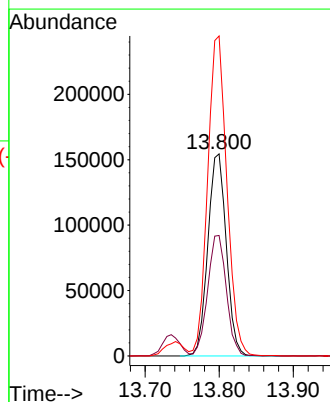
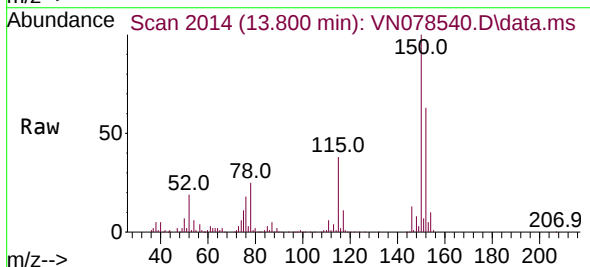
Manual Integrations
APPROVED

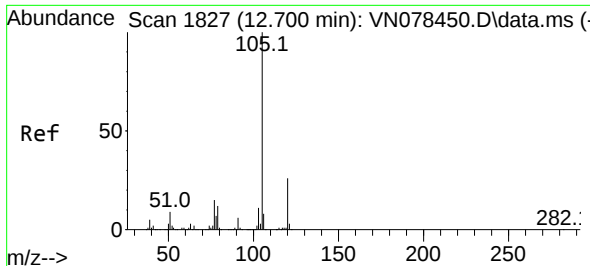
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

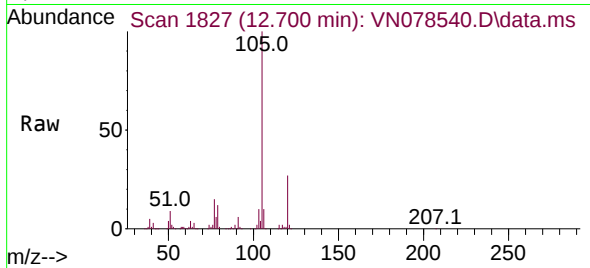
Tgt Ion:152 Resp: 266789
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 165.7 0.0 355.8





#73
Isopropylbenzene
Concen: 18.470 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

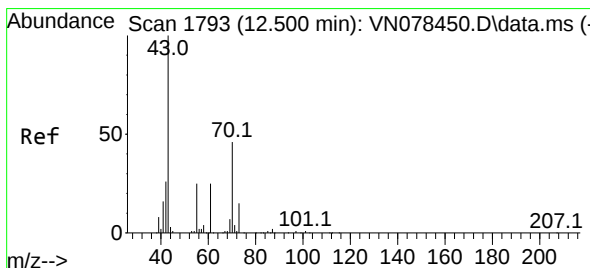
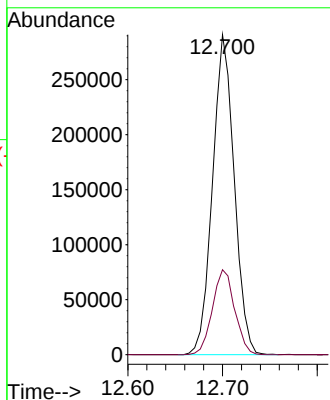
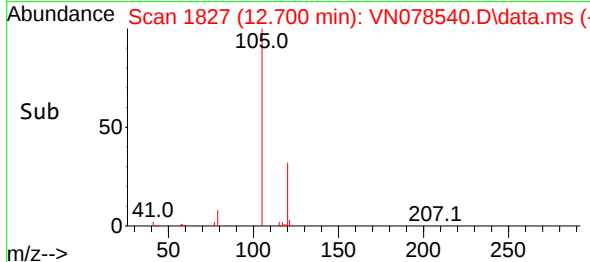
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion:105 Resp: 463015
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1

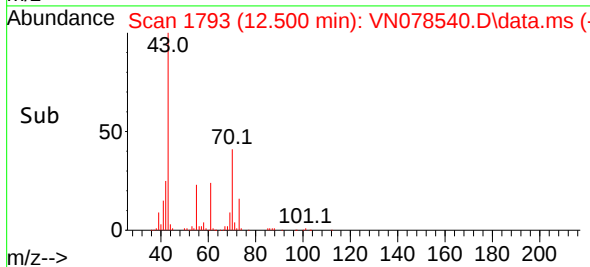
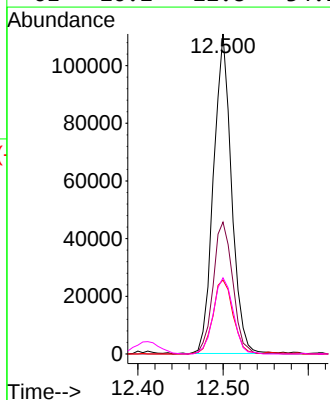
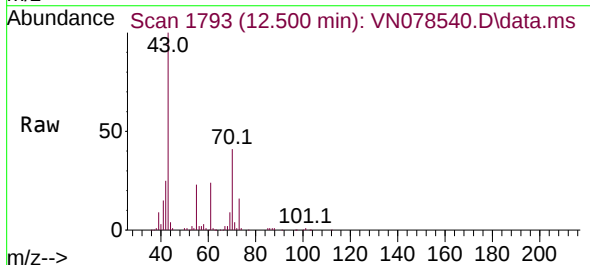
Manual Integrations
APPROVED

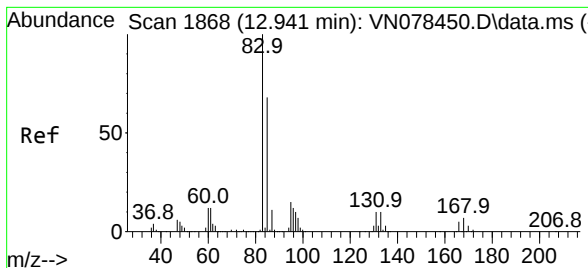
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#74
N-ethyl acetate
Concen: 18.806 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

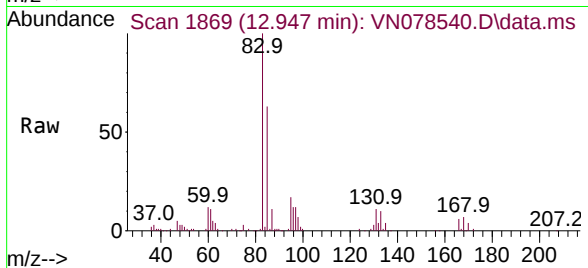
Tgt Ion: 43 Resp: 162464
Ion Ratio Lower Upper
43 100
70 44.8 43.4 65.2
55 25.9 21.4 32.0
61 26.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.107 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

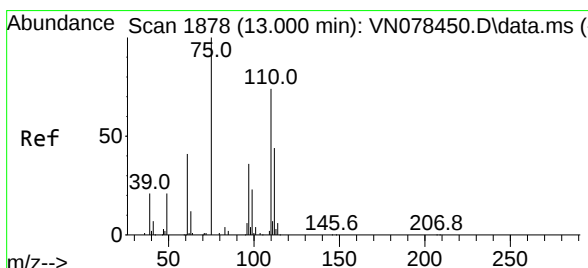
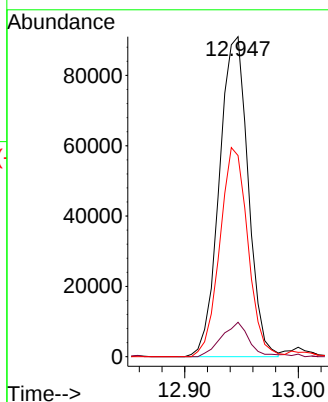
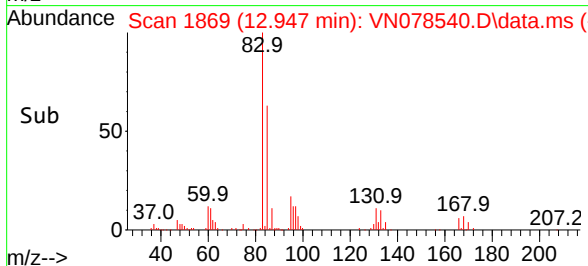
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 83 Resp: 160319
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 63.8 31.9 95.7

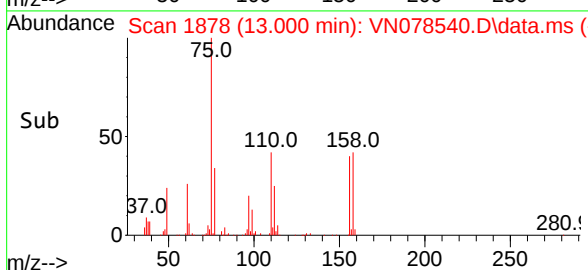
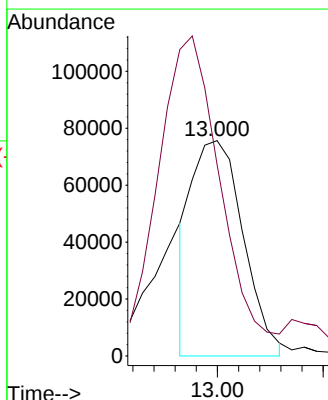
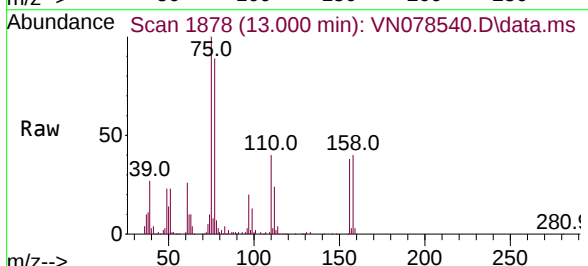
Manual Integrations
APPROVED

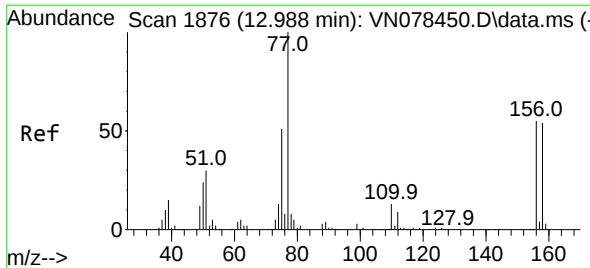
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#76
1,2,3-Trichloropropane
Concen: 19.859 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

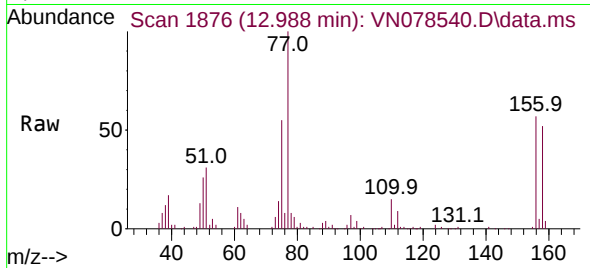
Tgt Ion: 75 Resp: 128062
Ion Ratio Lower Upper
75 100
77 183.7 84.5 253.5





#77
Bromobenzene
Concen: 19.828 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

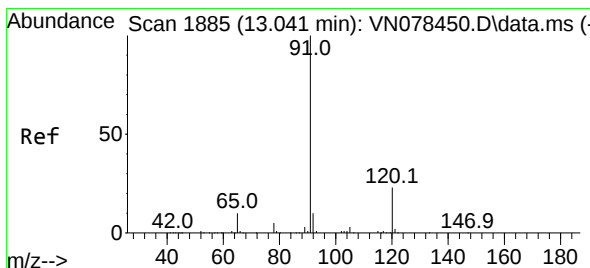
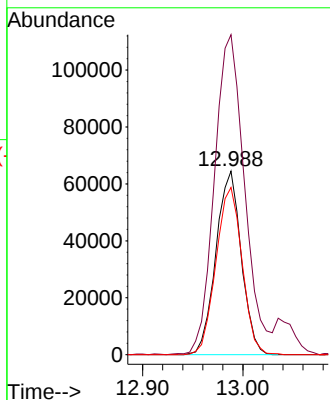
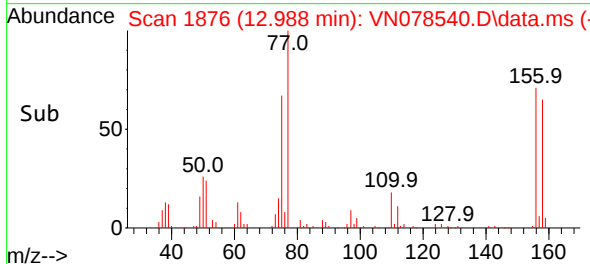
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion:156 Resp: 113180
Ion Ratio Lower Upper
156 100
77 207.8 107.7 323.3
158 93.8 48.4 145.3

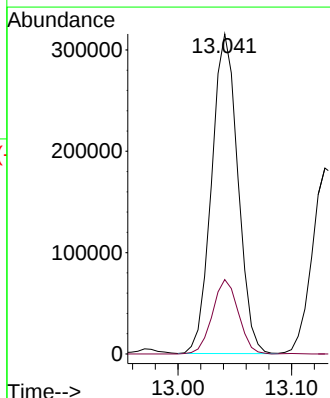
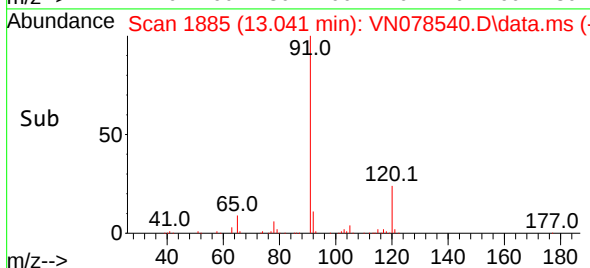
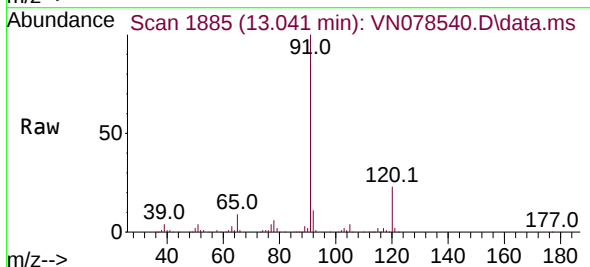
Manual Integrations
APPROVED

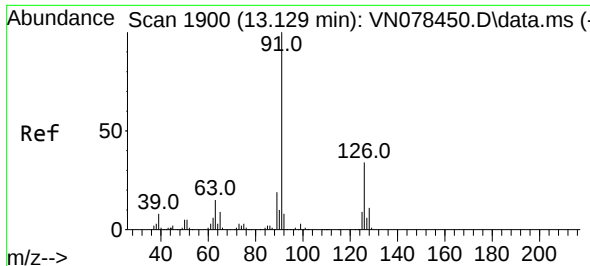
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#78
n-propylbenzene
Concen: 18.894 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Tgt Ion: 91 Resp: 506535
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





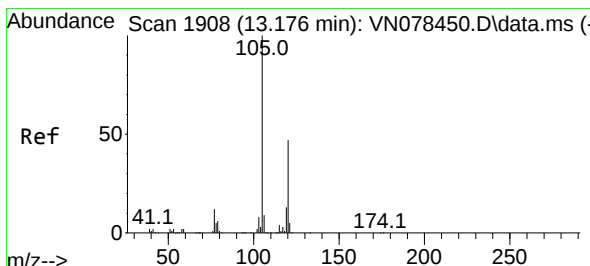
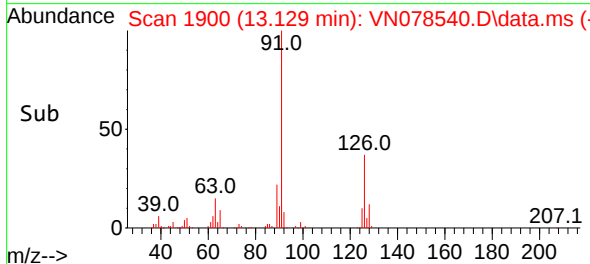
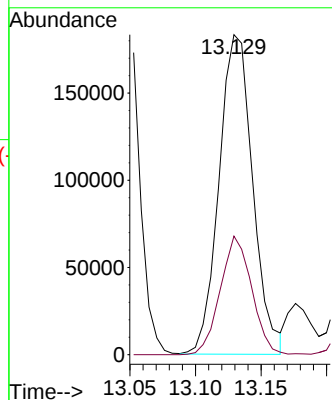
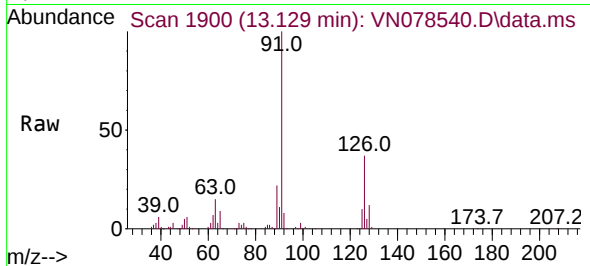
#79
2-Chlorotoluene
Concen: 18.669 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion: 91 Resp: 327840
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8

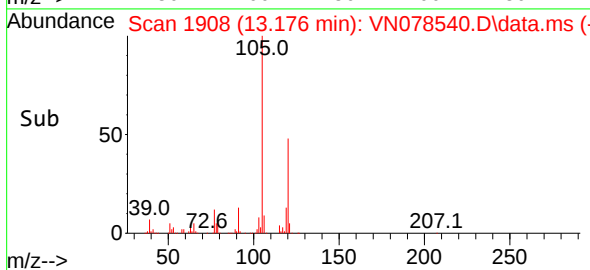
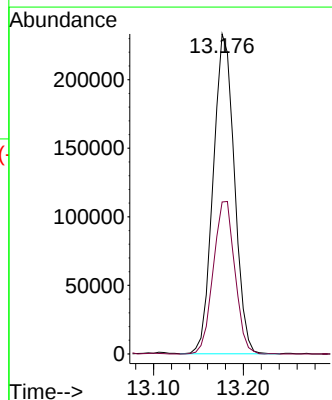
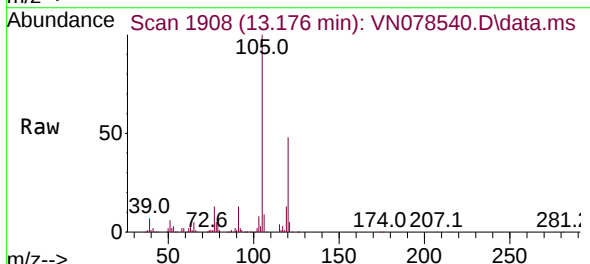
Manual Integrations
APPROVED

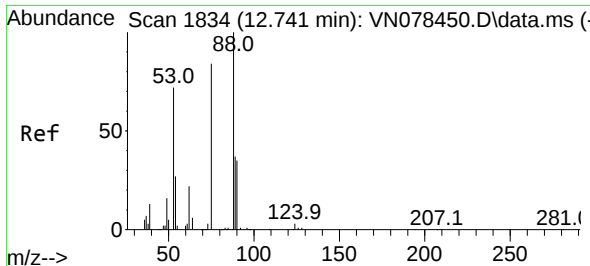
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.300 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

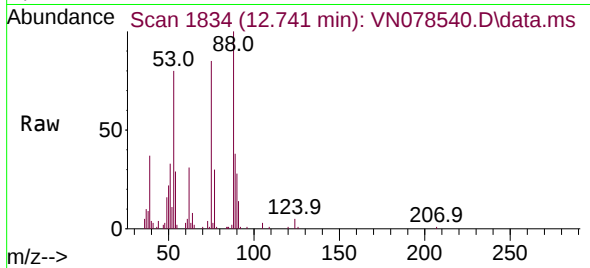
Tgt Ion:105 Resp: 382277
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.490 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

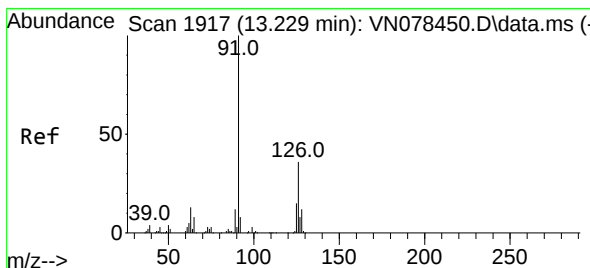
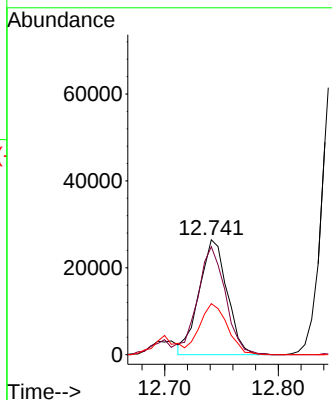
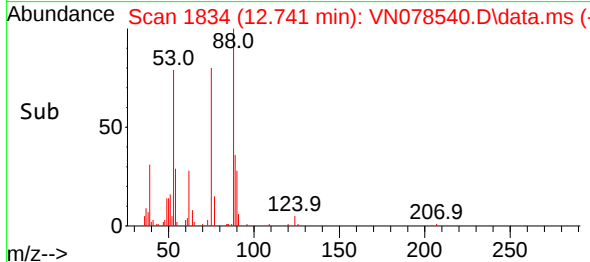
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 75 Resp: 45375
Ion Ratio Lower Upper
75 100
53 94.5 67.4 101.2
89 44.1 38.8 58.2

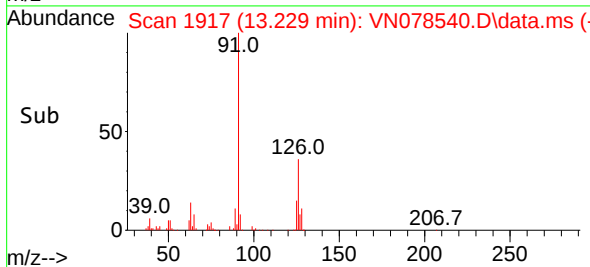
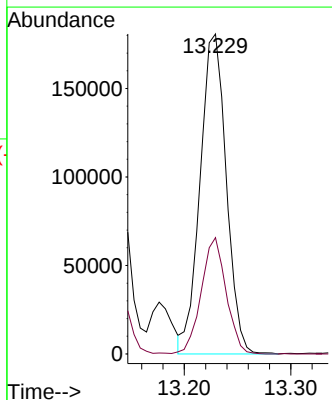
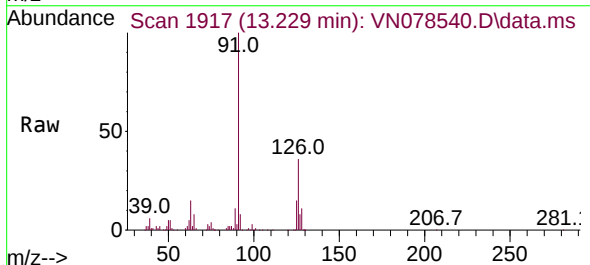
Manual Integrations
APPROVED

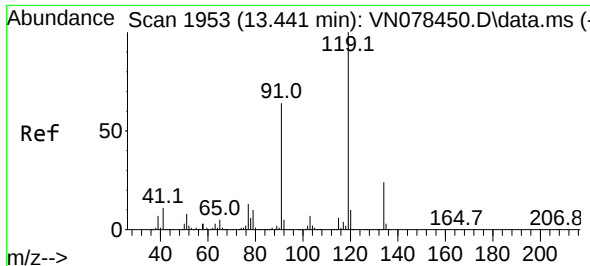
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#82
4-Chlorotoluene
Concen: 18.852 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

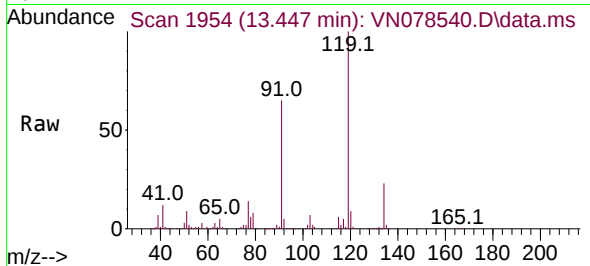
Tgt Ion: 91 Resp: 308820
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.124 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

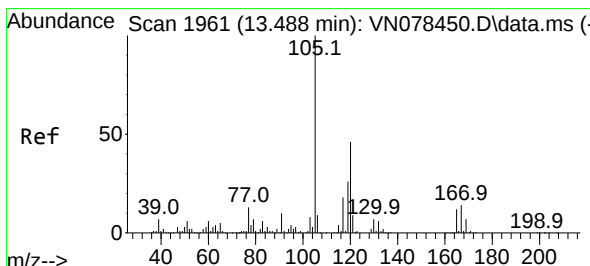
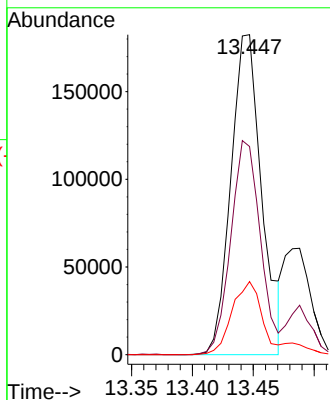
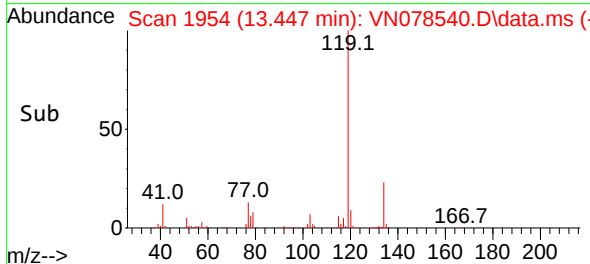
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



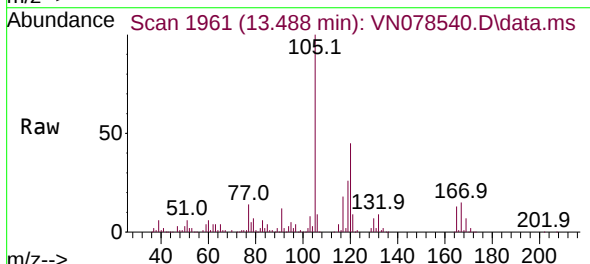
Tgt Ion:119 Resp: 321590
Ion Ratio Lower Upper
119 100
91 64.3 33.9 101.7
134 22.0 13.2 39.6

Manual Integrations
APPROVED

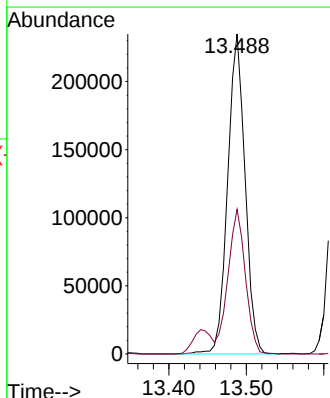
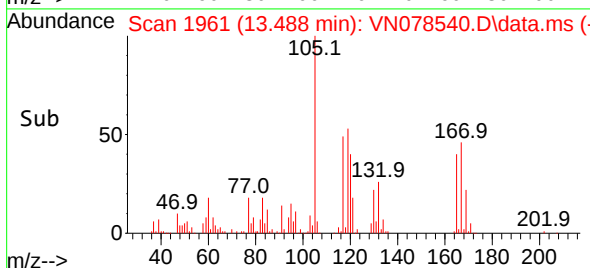
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

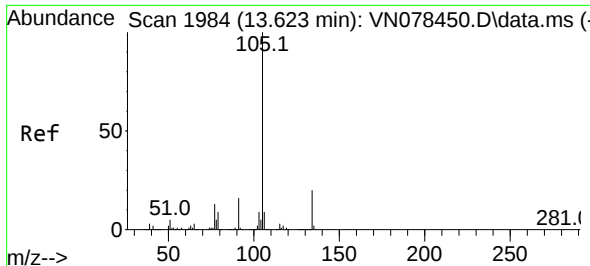


#84
1,2,4-Trimethylbenzene
Concen: 19.092 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00



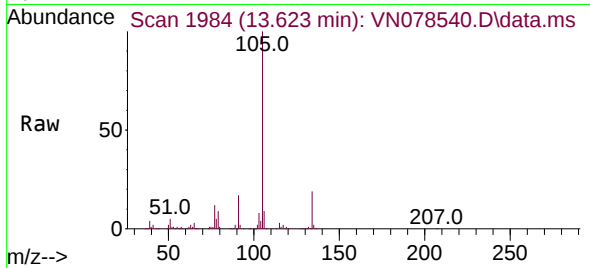
Tgt Ion:105 Resp: 367319
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.401 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078540.D
 Acq: 17 Jul 2023 14:00

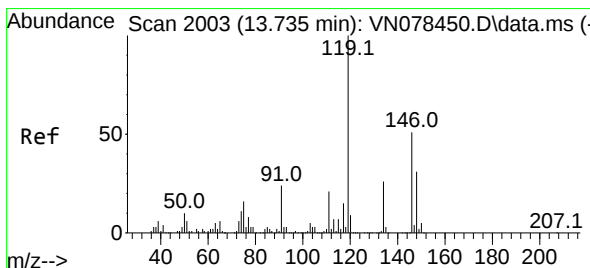
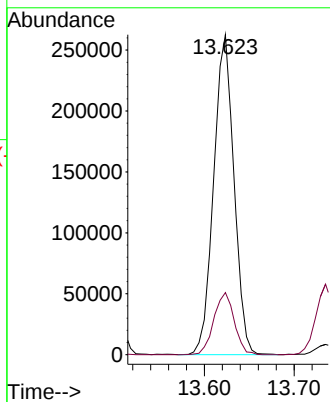
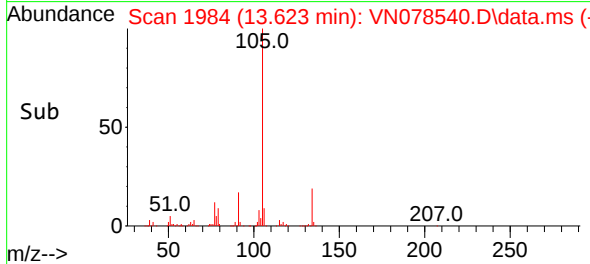
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01



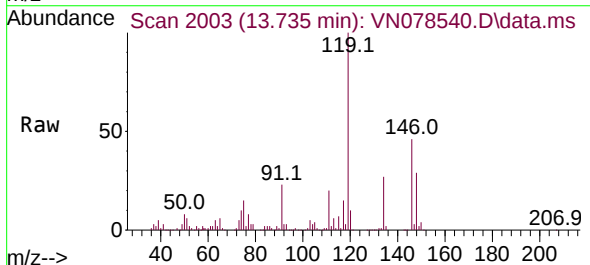
Tgt Ion:105 Resp: 41239
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

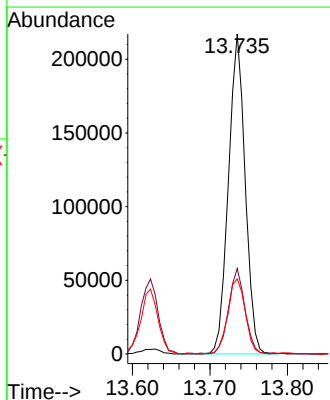
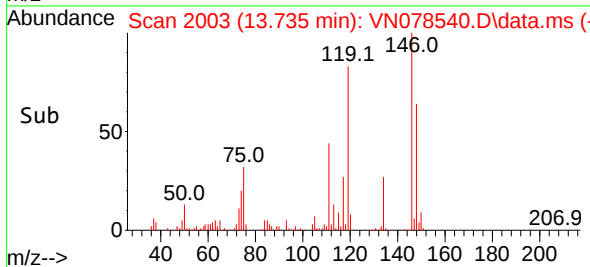
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

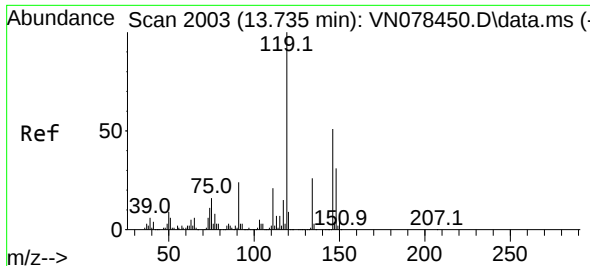


#86
 p-Isopropyltoluene
 Concen: 19.125 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078540.D
 Acq: 17 Jul 2023 14:00



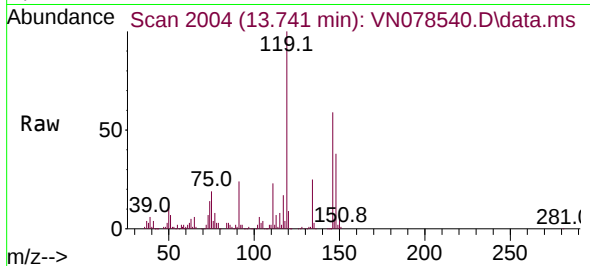
Tgt Ion:119 Resp: 326419
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.497 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

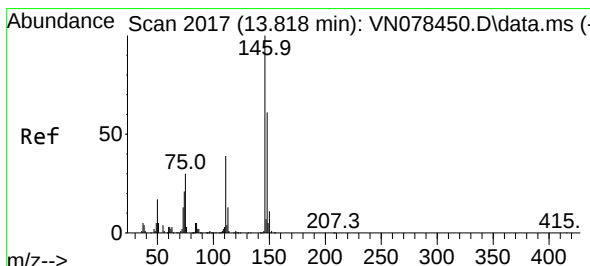
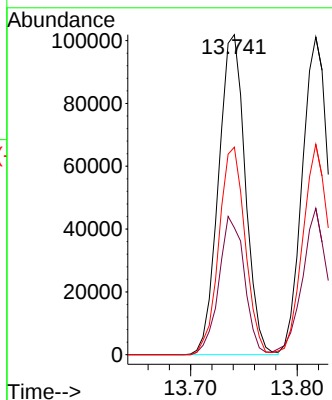
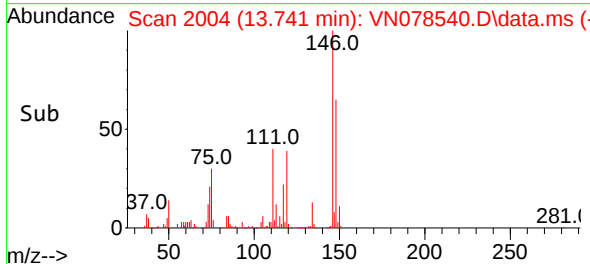
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion:146 Resp: 178014
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.3
148 63.4 32.0 96.0

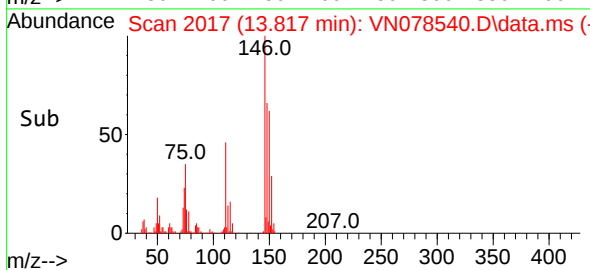
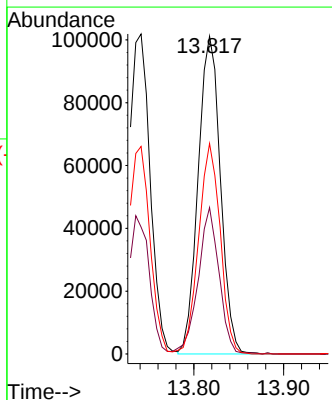
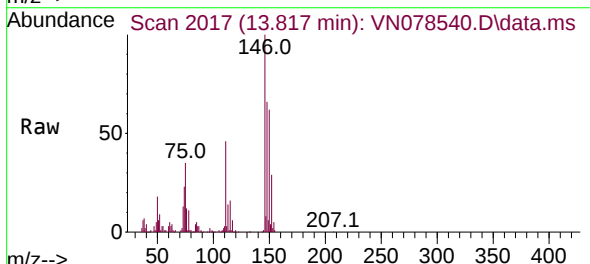
Manual Integrations
APPROVED

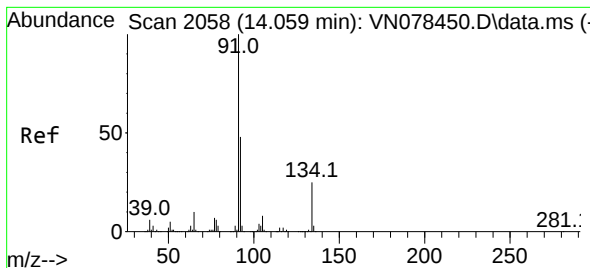
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#88
1,4-Dichlorobenzene
Concen: 18.027 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

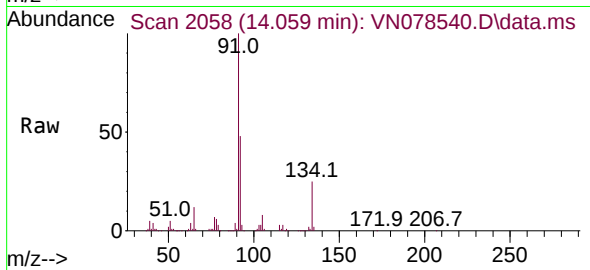
Tgt Ion:146 Resp: 174742
Ion Ratio Lower Upper
146 100
111 43.3 20.6 61.8
148 64.1 31.6 94.8





#89
n-Butylbenzene
Concen: 19.365 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

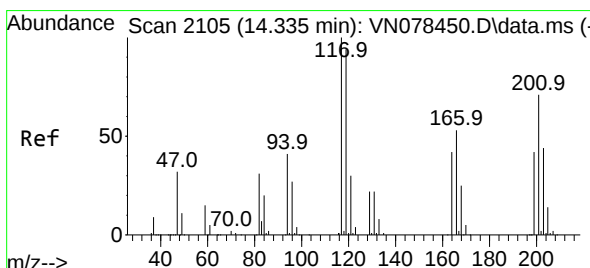
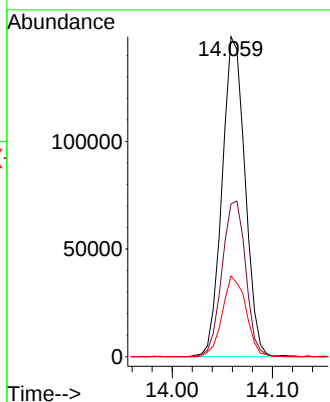
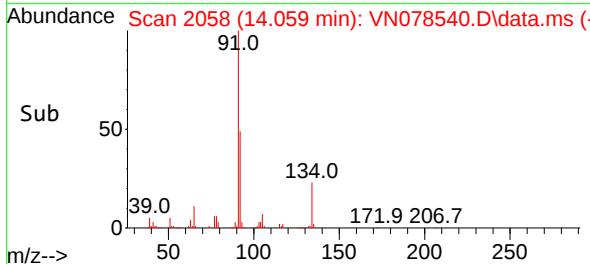
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 91 Resp: 236484
Ion Ratio Lower Upper
91 100
92 50.3 26.4 79.0
134 26.0 12.6 37.6

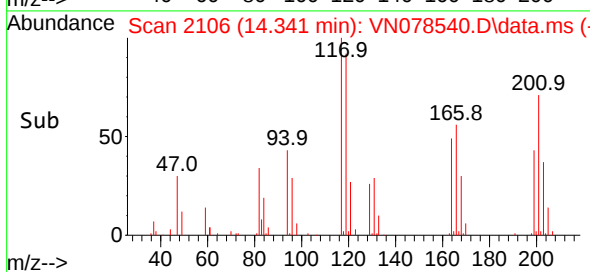
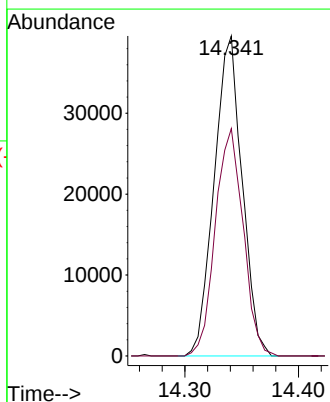
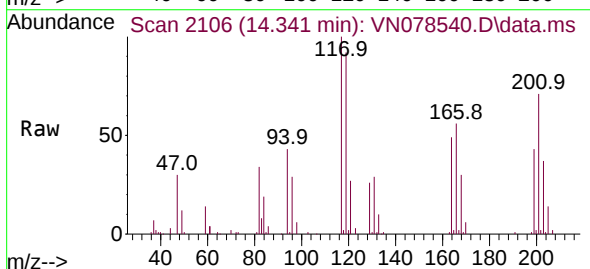
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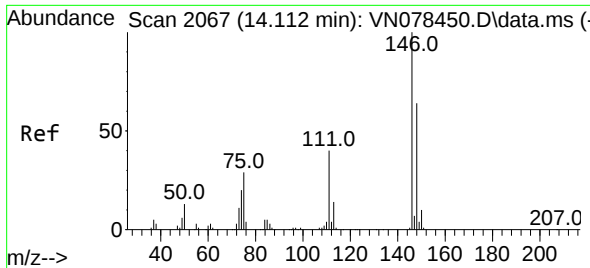
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#90
Hexachloroethane
Concen: 21.072 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Tgt Ion:117 Resp: 67585
Ion Ratio Lower Upper
117 100
201 70.9 29.3 88.0





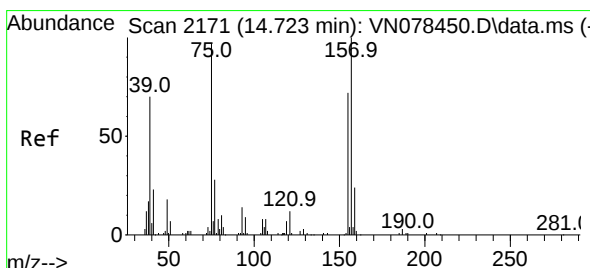
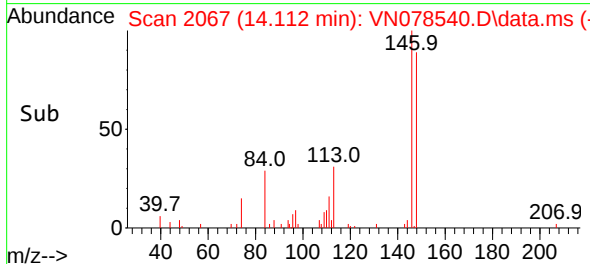
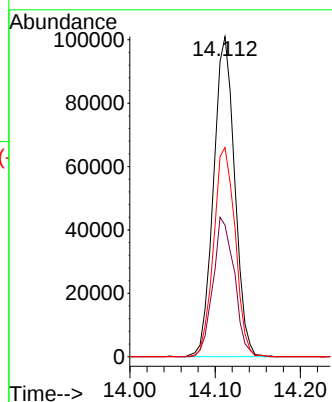
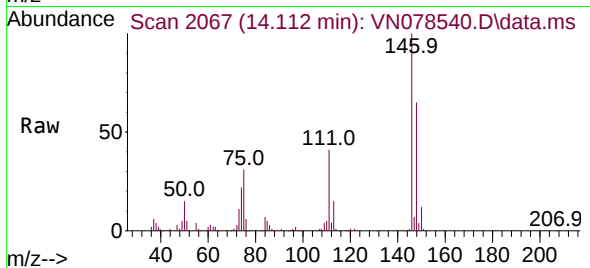
#91
1,2-Dichlorobenzene
Concen: 18.178 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion:146 Resp: 174092
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 66.6 31.8 95.3

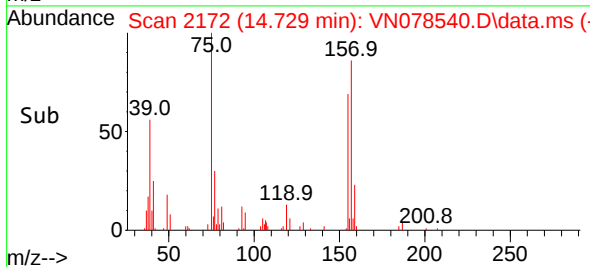
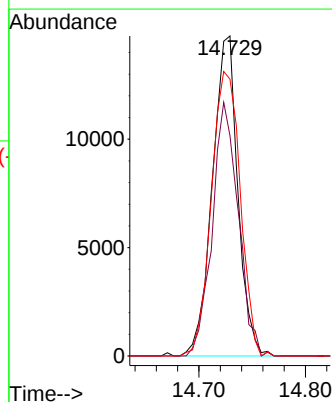
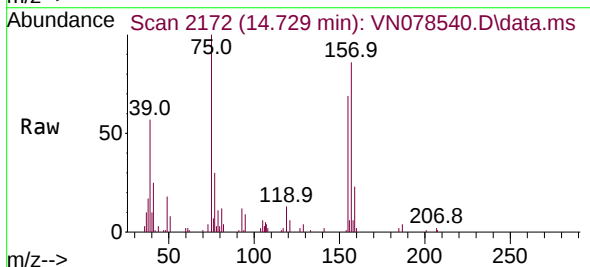
Manual Integrations
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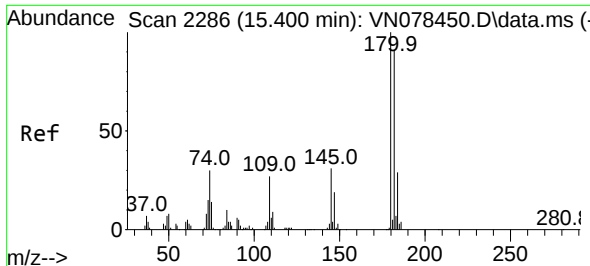
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.262 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

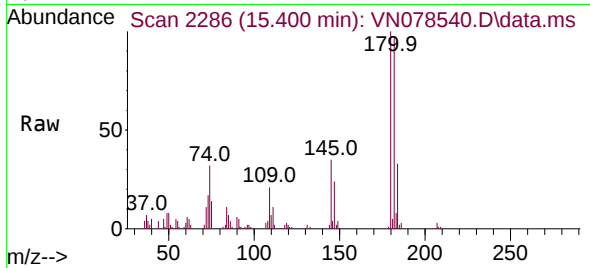
Tgt Ion: 75 Resp: 24533
Ion Ratio Lower Upper
75 100
155 80.8 39.1 117.2
157 100.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 14.439 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

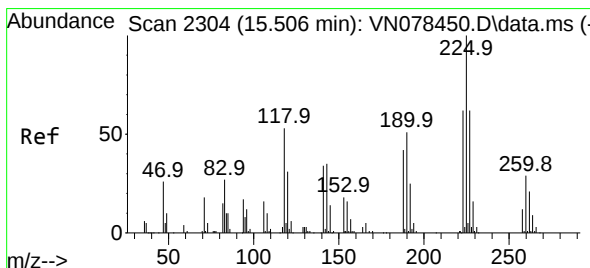
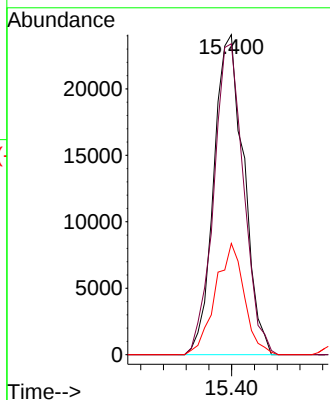
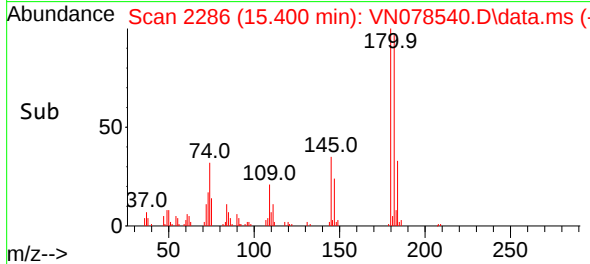
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion:180 Resp: 44134
Ion Ratio Lower Upper
180 100
182 97.0 46.1 138.2
145 33.4 16.6 49.8

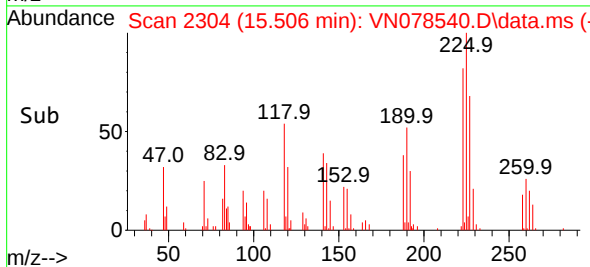
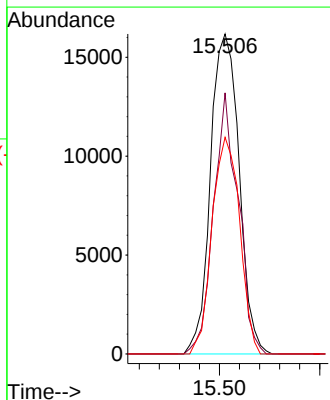
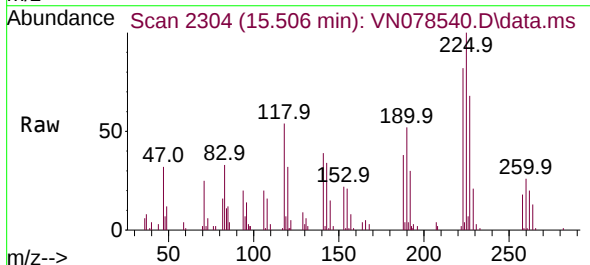
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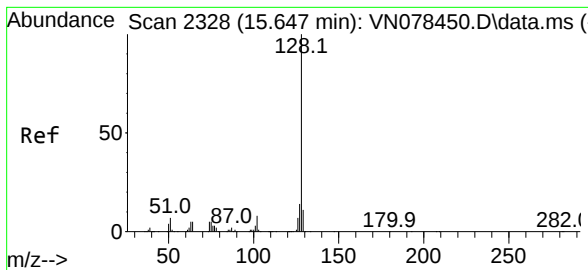
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#94
Hexachlorobutadiene
Concen: 17.608 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

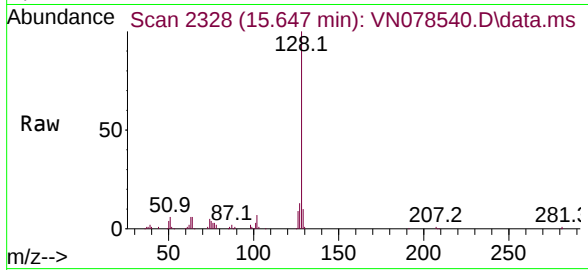
Tgt Ion:225 Resp: 32083
Ion Ratio Lower Upper
225 100
223 70.5 31.3 93.8
227 65.5 31.9 95.9





#95
Naphthalene
Concen: 12.861 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

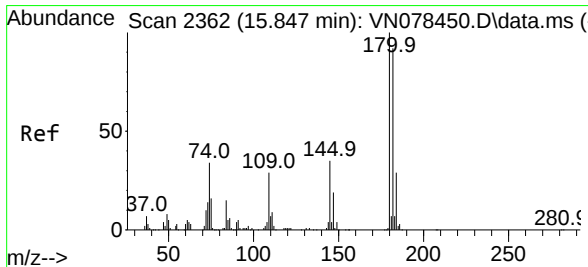
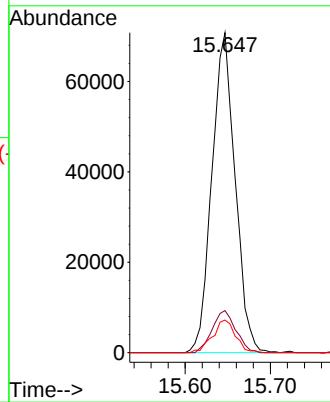
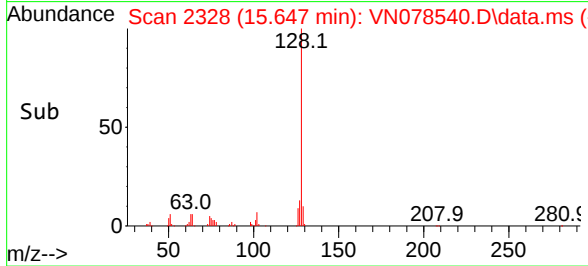
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion:128 Resp: 13439
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.1 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.183 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078540.D
Acq: 17 Jul 2023 14:00

Tgt Ion:180 Resp: 53363
Ion Ratio Lower Upper
180 100
182 93.1 46.2 138.6
145 33.6 17.5 52.6

