

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078461.D
 Acq On : 11 Jul 2023 13:22
 Operator : JC\MD
 Sample : VN0711WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01

Quant Time: Jul 12 01:32:27 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

Manual Integrations APPROVED

Reviewed By : John Carlone 07/12/2023
 Supervised By : Mahesh Dadoda 07/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	477435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	811570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	725683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	279789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	327733	51.204	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.400%			
35) Dibromofluoromethane	8.177	113	281420	51.082	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.160%			
50) Toluene-d8	10.576	98	1079179	51.854	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.853	95	321419	50.139	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	101525	17.344	ug/l	93
3) Chloromethane	2.371	50	120410	18.925	ug/l	99
4) Vinyl Chloride	2.524	62	150125	18.240	ug/l	97
5) Bromomethane	2.965	94	106876	17.276	ug/l	96
6) Chloroethane	3.124	64	99584	18.803	ug/l	96
7) Trichlorofluoromethane	3.500	101	182925	18.593	ug/l	97
8) Diethyl Ether	3.965	74	61229	18.679	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	97380	18.698	ug/l	96
10) Methyl Iodide	4.600	142	127390	17.800	ug/l	96
11) Tert butyl alcohol	5.530	59	87413	88.566	ug/l	98
12) 1,1-Dichloroethene	4.347	96	94456	18.750	ug/l	98
13) Acrolein	4.189	56	77871	80.192	ug/l	96
14) Allyl chloride	5.030	41	120982	17.575	ug/l	95
15) Acrylonitrile	5.735	53	218047	87.438	ug/l	96
16) Acetone	4.441	43	177799	89.178	ug/l	96
17) Carbon Disulfide	4.724	76	243945	16.746	ug/l	100
18) Methyl Acetate	5.041	43	150668	17.852	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	299470	18.042	ug/l	93
20) Methylene Chloride	5.294	84	112399	18.893	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	102626	18.077	ug/l	99
22) Diisopropyl ether	6.682	45	292529	18.978	ug/l #	93
23) Vinyl Acetate	6.618	43	901614	92.009	ug/l #	89
24) 1,1-Dichloroethane	6.582	63	189167	18.213	ug/l	96
25) 2-Butanone	7.494	43	279898	89.183	ug/l	89
26) 2,2-Dichloropropane	7.494	77	160936	18.945	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	123523	18.809	ug/l	94
28) Bromochloromethane	7.824	49	68006	13.901	ug/l	94
29) Tetrahydrofuran	7.847	42	186043	90.341	ug/l	86
30) Chloroform	7.977	83	205119	18.969	ug/l	90
31) Cyclohexane	8.265	56	154000	17.803	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	183092	18.885	ug/l	98
36) 1,1-Dichloropropene	8.382	75	148289	18.642	ug/l	98
37) Ethyl Acetate	7.577	43	125054	18.858	ug/l #	95
38) Carbon Tetrachloride	8.365	117	165865	19.185	ug/l	97
39) Methylcyclohexane	9.612	83	137007	18.869	ug/l	93
40) Benzene	8.618	78	449580	19.077	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	63894	18.901	ug/l	91
42) 1,2-Dichloroethane	8.682	62	152565	19.033	ug/l	96
43) Isopropyl Acetate	8.694	43	201718	18.477	ug/l	95
44) Trichloroethene	9.359	130	116762	18.383	ug/l	94
45) 1,2-Dichloropropane	9.629	63	113342	18.989	ug/l	91
46) Dibromomethane	9.712	93	82278	19.585	ug/l	95
47) Bromodichloromethane	9.894	83	158625	18.836	ug/l	88
48) Methyl methacrylate	9.688	41	91969	18.183	ug/l	92
49) 1,4-Dioxane	9.700	88	39188	355.271	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	623912	96.077	ug/l	92
52) Toluene	10.635	92	280981	19.237	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	165709	19.208	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	181136	19.697	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	111392	19.357	ug/l	94
56) Ethyl methacrylate	10.882	69	151575	18.842	ug/l	91
57) 1,3-Dichloropropane	11.170	76	182422	18.643	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	255249	89.035	ug/l	93
59) 2-Hexanone	11.200	43	435867	94.441	ug/l	90
60) Dibromochloromethane	11.365	129	123367	19.418	ug/l	100
61) 1,2-Dibromoethane	11.476	107	111106	18.742	ug/l	99
64) Tetrachloroethene	11.112	164	106408	19.503	ug/l	95
65) Chlorobenzene	11.900	112	290870	17.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	117294	18.797	ug/l	98
67) Ethyl Benzene	11.970	91	507123	18.496	ug/l	98
68) m/p-Xylenes	12.076	106	389553	38.427	ug/l	99
69) o-Xylene	12.406	106	184453	18.014	ug/l	92
70) Styrene	12.417	104	296835	18.530	ug/l	97
71) Bromoform	12.582	173	79346	18.775	ug/l #	99
73) Isopropylbenzene	12.700	105	461405	17.551	ug/l	98
74) N-amyl acetate	12.500	43	151259	16.695	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	153371	18.964	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	125328m	18.532	ug/l	
77) Bromobenzene	12.988	156	112256	18.666	ug/l	95
78) n-propylbenzene	13.041	91	517945	18.422	ug/l	99
79) 2-Chlorotoluene	13.129	91	323730	17.578	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	382985	18.437	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	45411	17.645	ug/l	96
82) 4-Chlorotoluene	13.229	91	307992	17.927	ug/l	97
83) tert-Butylbenzene	13.447	119	311043	17.637	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	373585	18.515	ug/l	96
85) sec-Butylbenzene	13.623	105	397393	17.827	ug/l	99
86) p-Isopropyltoluene	13.735	119	323366	18.066	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	180681	17.902	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	176789	17.391	ug/l	98
89) n-Butylbenzene	14.058	91	233686	18.246	ug/l	97
90) Hexachloroethane	14.335	117	62169	18.381	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	179038	17.825	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23727	17.608	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	45762	14.276	ug/l	99
94) Hexachlorobutadiene	15.511	225	31634	16.285	ug/l	97
95) Naphthalene	15.647	128	136921	12.494	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	54495	14.785	ug/l	97

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MSVOA_N
ClientSampleId :
VN0711WBS01

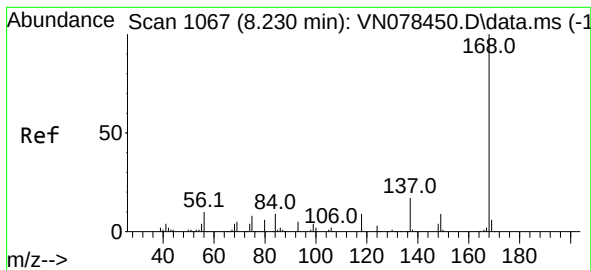
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

Quant Time: Jul 12 01:32:27 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



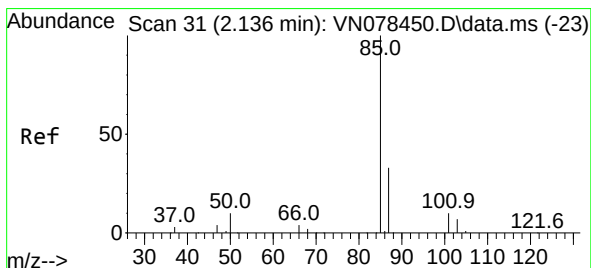
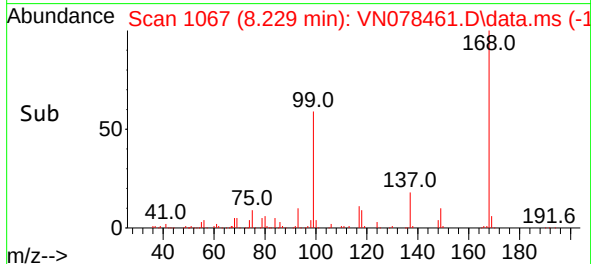
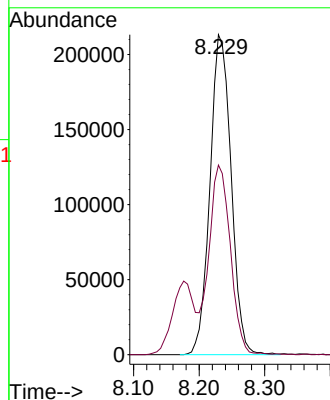
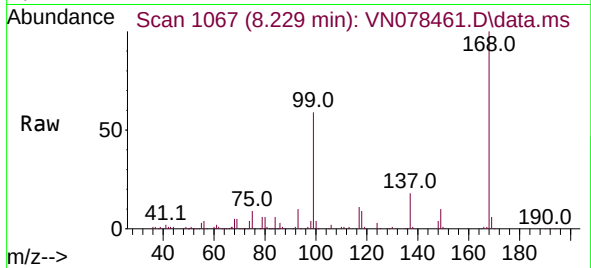
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078461.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

Tgt Ion:168 Resp: 477435
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6

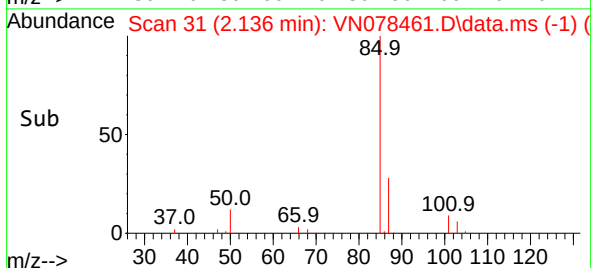
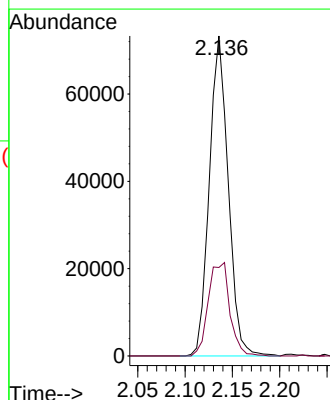
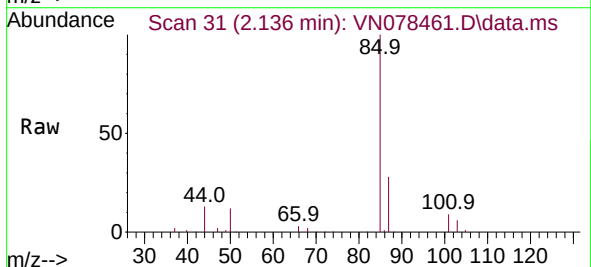
Manual Integrations
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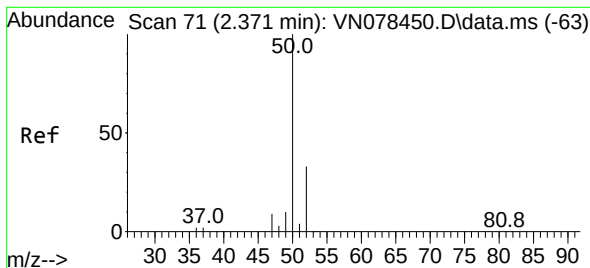
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#2
Dichlorodifluoromethane
Concen: 17.344 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

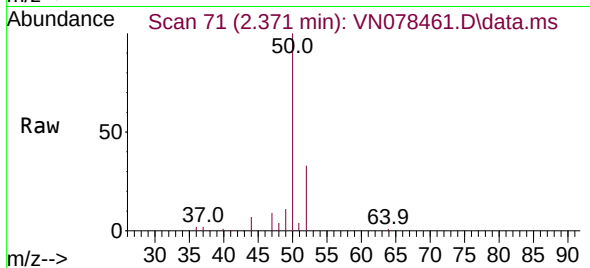
Tgt Ion: 85 Resp: 101525
Ion Ratio Lower Upper
85 100
87 27.7 15.8 47.4





#3
Chloromethane
Concen: 18.925 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

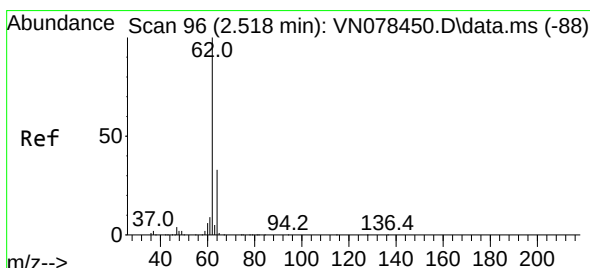
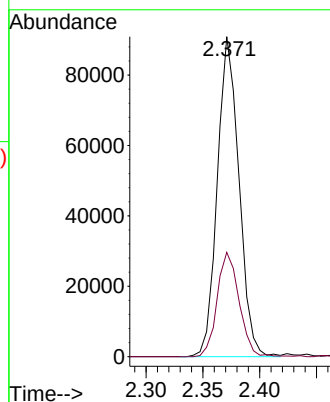
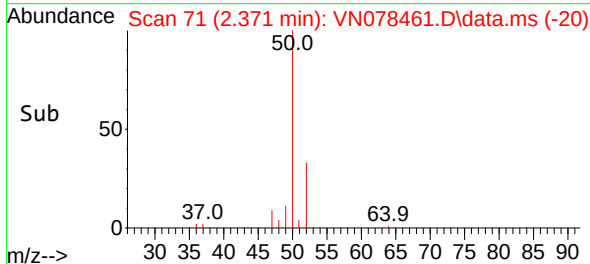
Instrument :
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VN0711WBS01



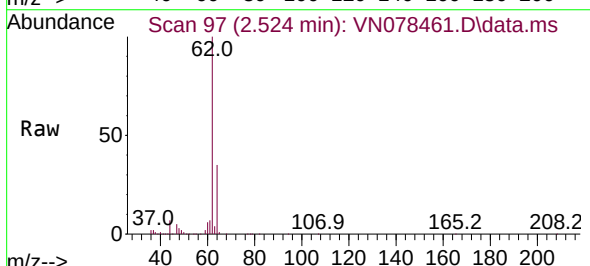
Tgt Ion: 50 Resp: 120410
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

Manual Integrations
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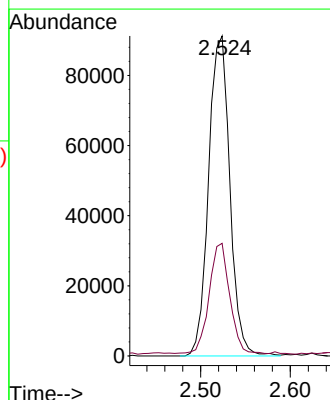
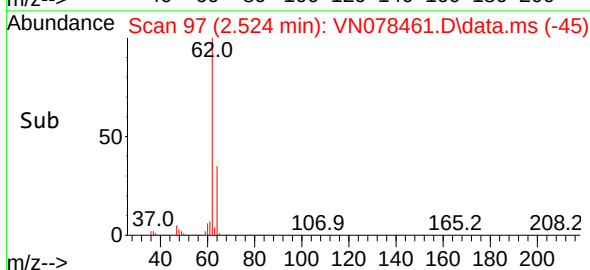
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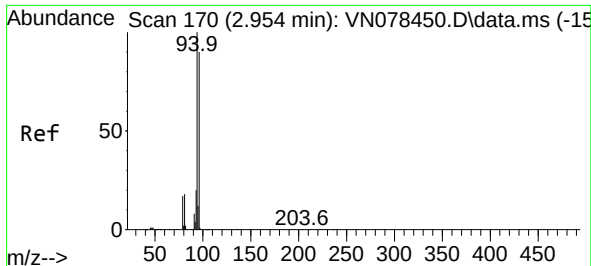


#4
Vinyl Chloride
Concen: 18.240 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22



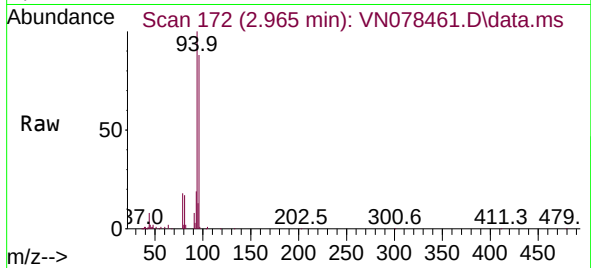
Tgt Ion: 62 Resp: 150125
Ion Ratio Lower Upper
62 100
64 34.4 26.2 39.2





#5
Bromomethane
Concen: 17.276 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

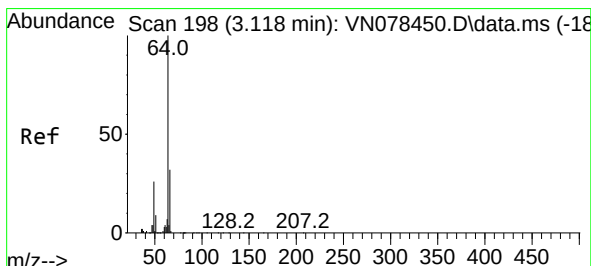
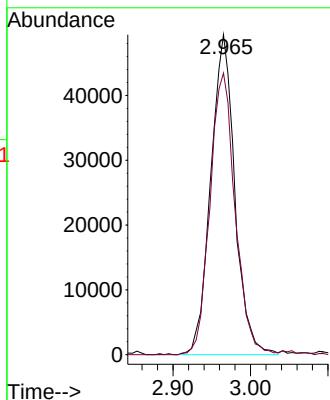
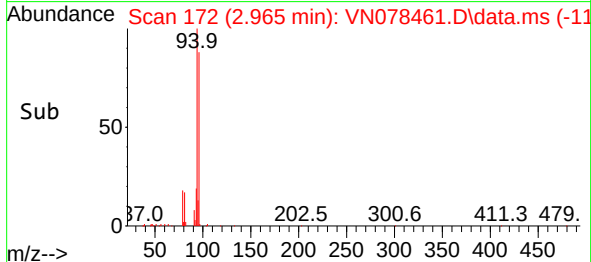
Instrument :
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Tgt Ion: 94 Resp: 106870
Ion Ratio Lower Upper
94 100
96 88.0 73.1 109.7

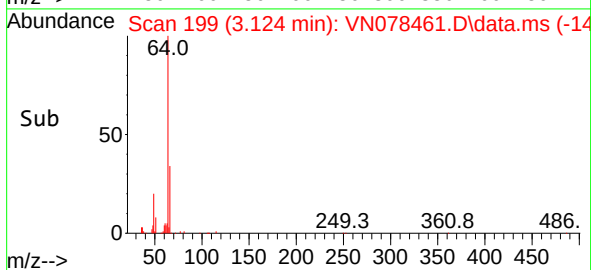
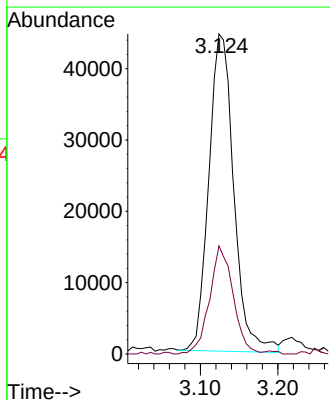
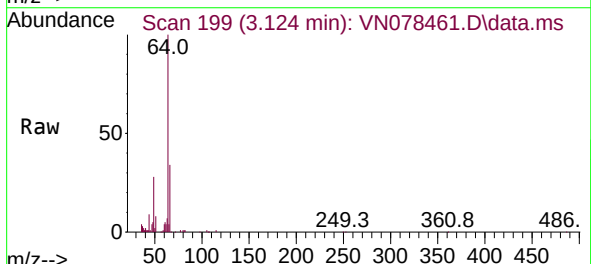
Manual Integrations
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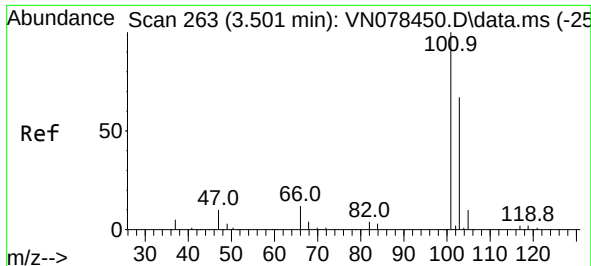
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#6
Chloroethane
Concen: 18.803 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078461.D
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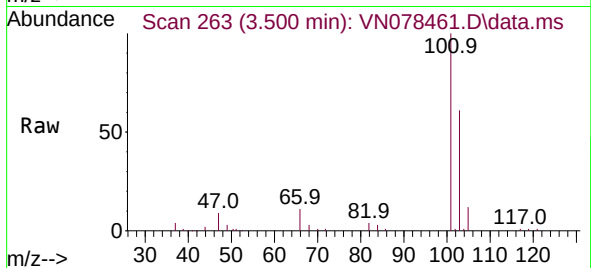
Tgt Ion: 64 Resp: 99584
Ion Ratio Lower Upper
64 100
66 34.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.593 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.001 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

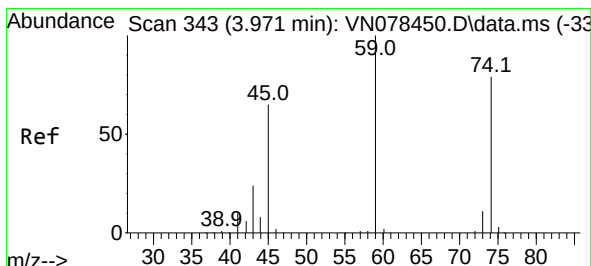
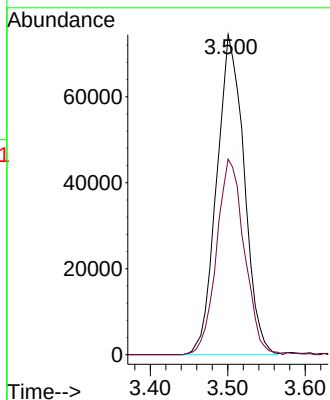
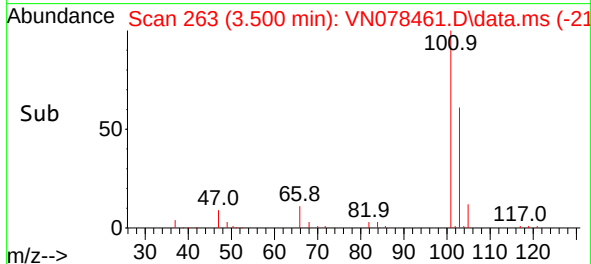
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion:101 Resp: 182925
Ion Ratio Lower Upper
101 100
103 61.1 50.7 76.1

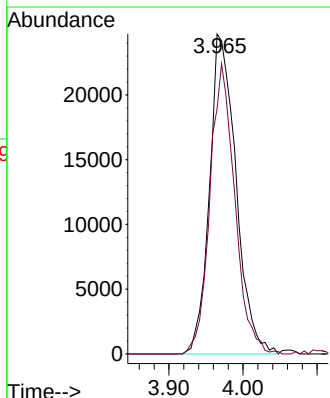
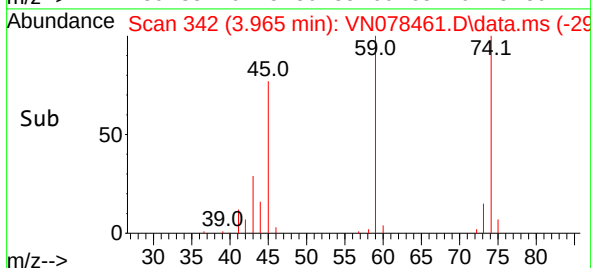
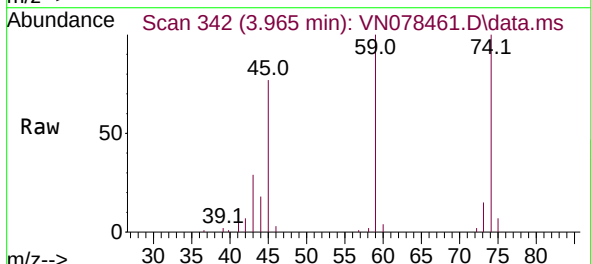
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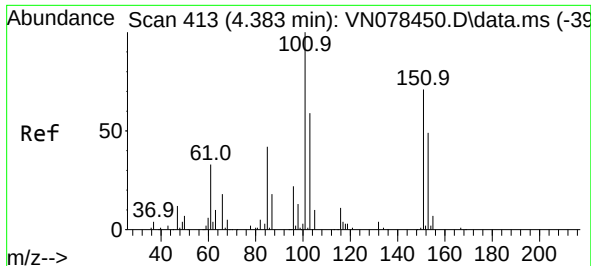
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#8
Diethyl Ether
Concen: 18.679 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Tgt Ion: 74 Resp: 61229
Ion Ratio Lower Upper
74 100
45 85.3 34.4 103.3





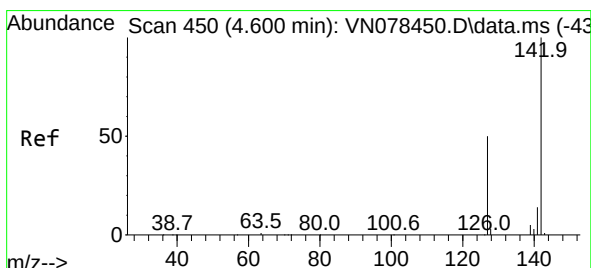
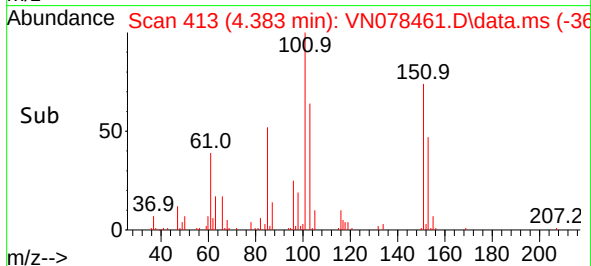
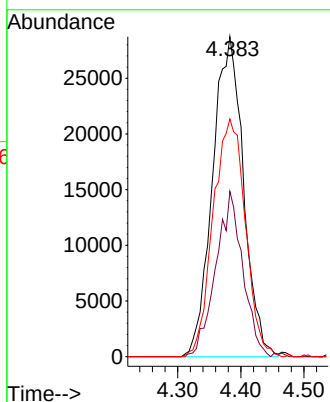
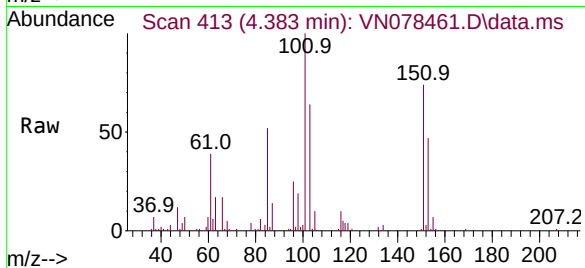
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.698 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

Tgt Ion:101 Resp: 97380
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 77.6 57.6 86.4

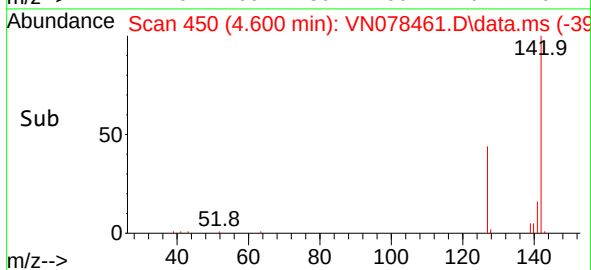
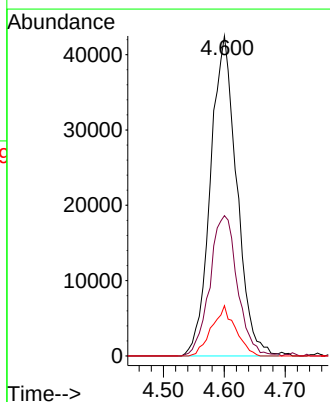
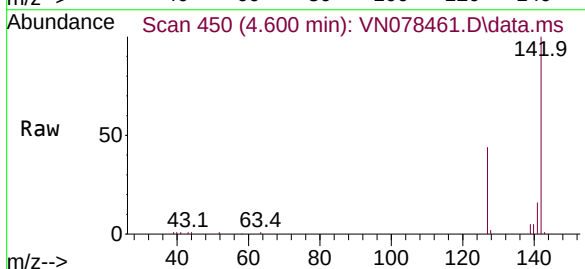
Manual Integrations
APPROVED

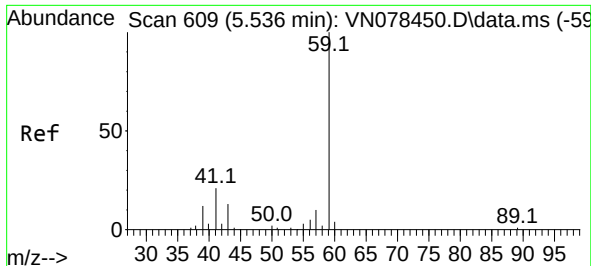
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#10
Methyl Iodide
Concen: 17.800 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Tgt Ion:142 Resp: 127390
Ion Ratio Lower Upper
142 100
127 43.8 37.6 56.4
141 15.7 11.4 17.0





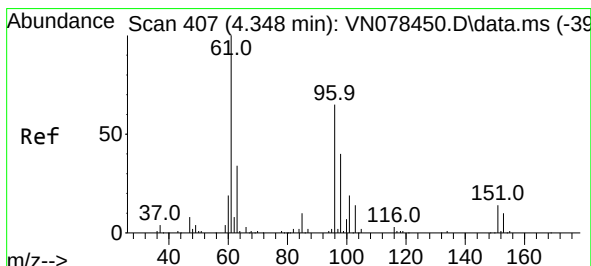
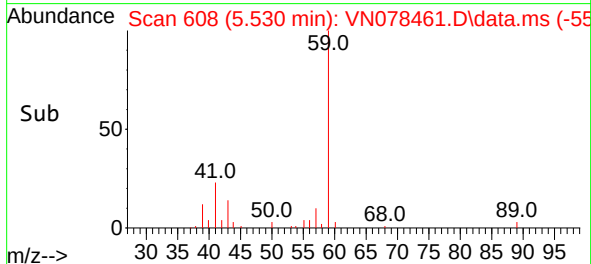
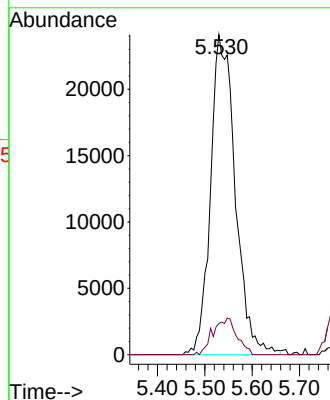
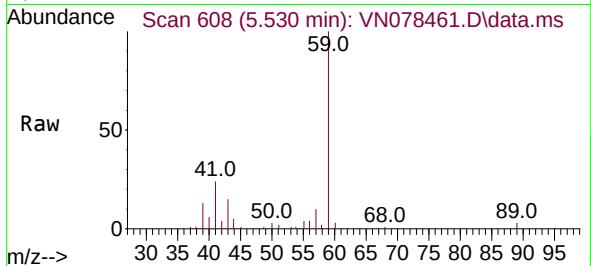
#11
Tert butyl alcohol
Concen: 88.566 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

Tgt Ion: 59 Resp: 8741
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4

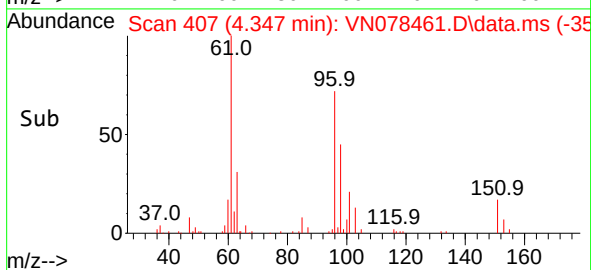
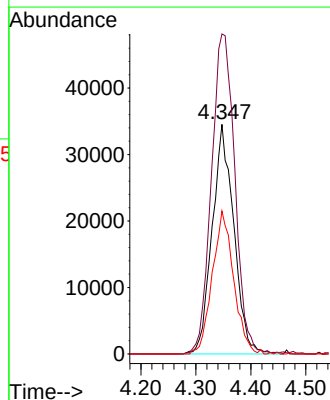
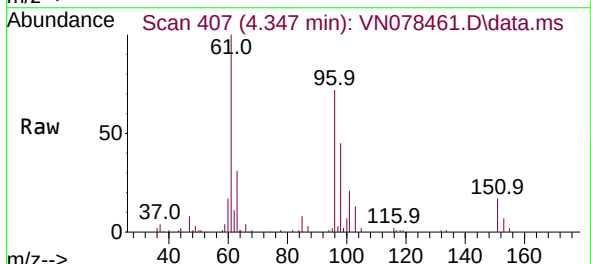
Manual Integrations
APPROVED

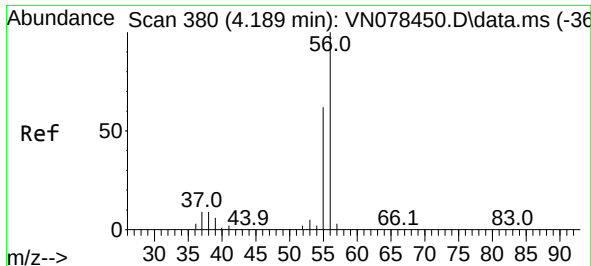
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#12
1,1-Dichloroethene
Concen: 18.750 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

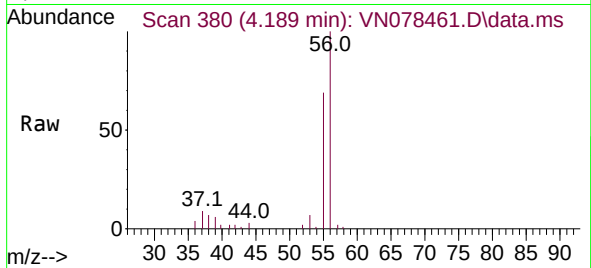
Tgt Ion: 96 Resp: 94456
Ion Ratio Lower Upper
96 100
61 139.3 112.7 169.1
98 62.2 51.2 76.8





#13
Acrolein
Concen: 80.192 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

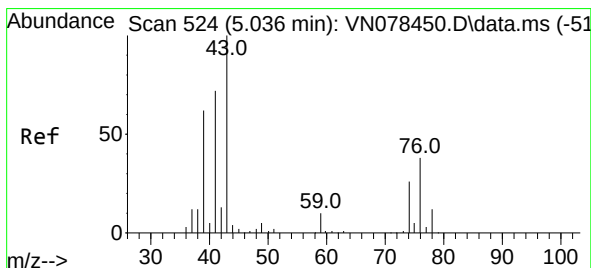
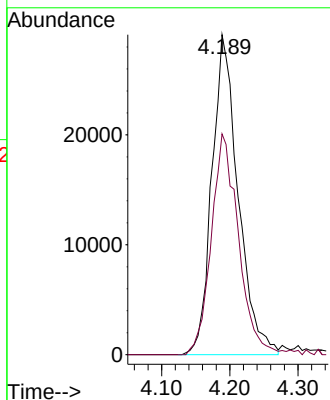
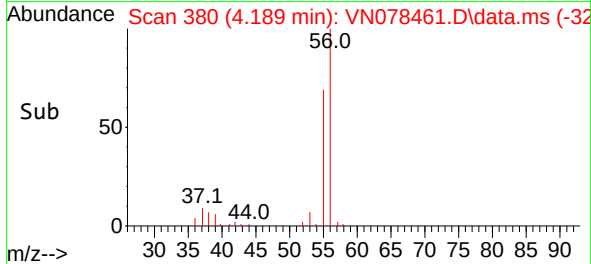
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 56 Resp: 7787
Ion Ratio Lower Upper
56 100
55 71.5 54.5 81.7

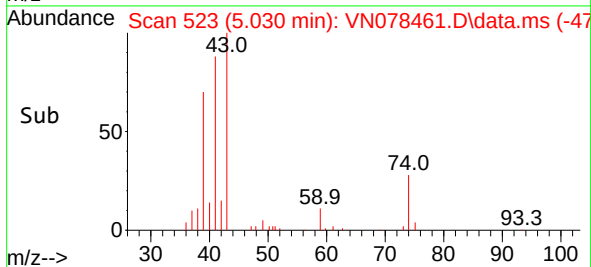
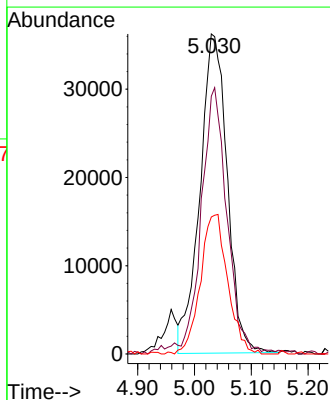
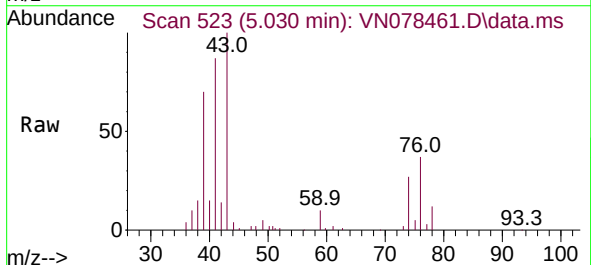
Manual Integrations
APPROVED

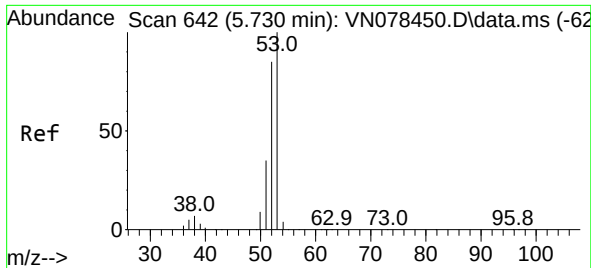
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#14
Allyl chloride
Concen: 17.575 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Tgt Ion: 41 Resp: 120982
Ion Ratio Lower Upper
41 100
39 76.4 58.8 88.2
76 43.6 39.1 58.7





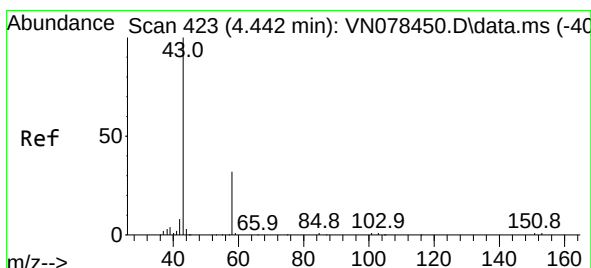
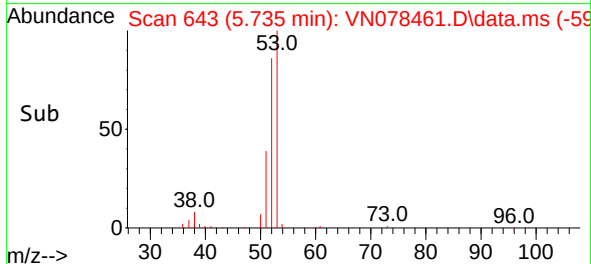
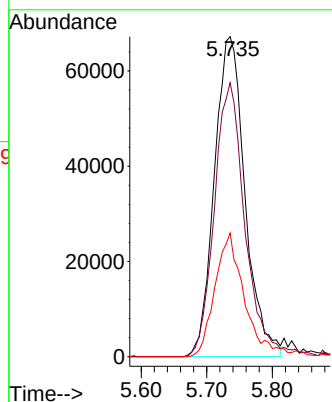
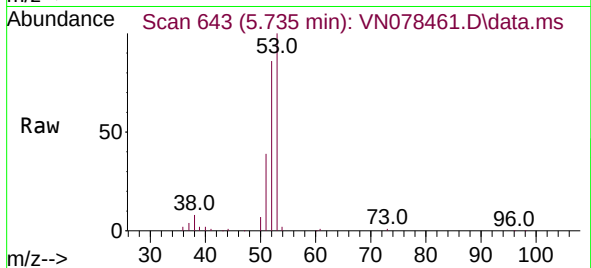
#15
Acrylonitrile
Concen: 87.438 ug/l
RT: 5.735 min Scan# 642
Delta R.T. 0.005 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

Tgt Ion: 53 Resp: 21804
Ion Ratio Lower Upper
53 100
52 85.8 65.3 97.9
51 37.1 28.9 43.3

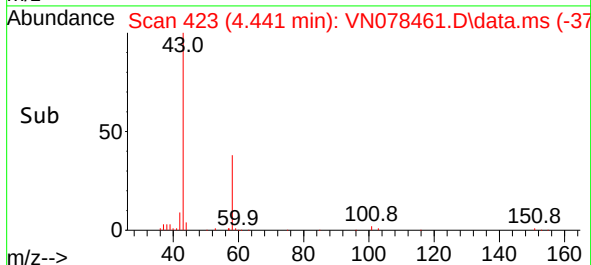
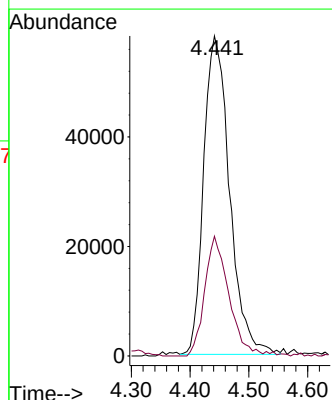
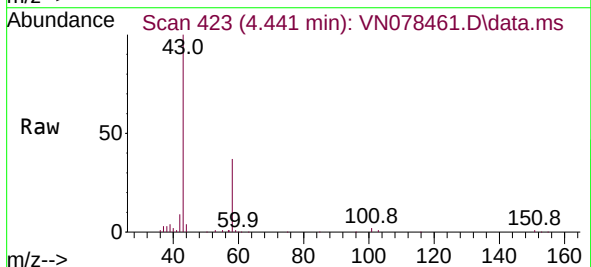
Manual Integrations
APPROVED

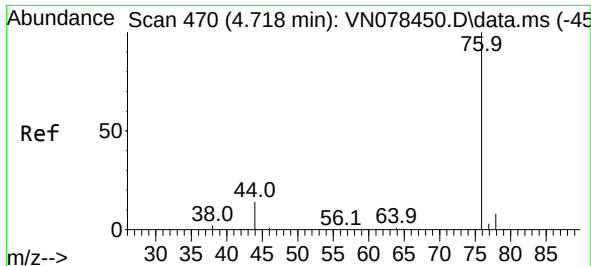
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#16
Acetone
Concen: 89.178 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Tgt Ion: 43 Resp: 177799
Ion Ratio Lower Upper
43 100
58 37.6 28.0 42.0





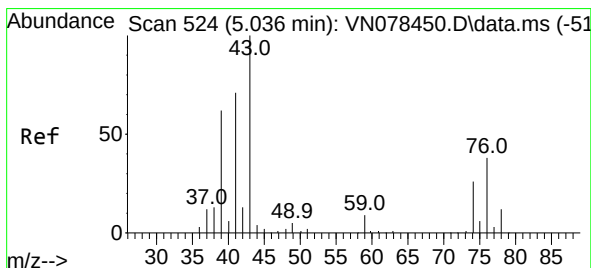
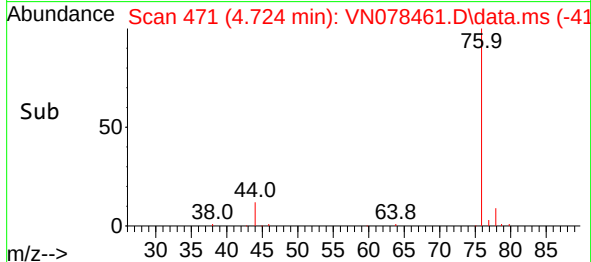
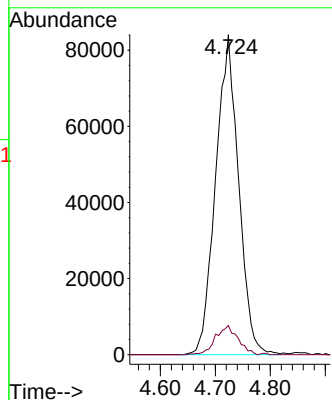
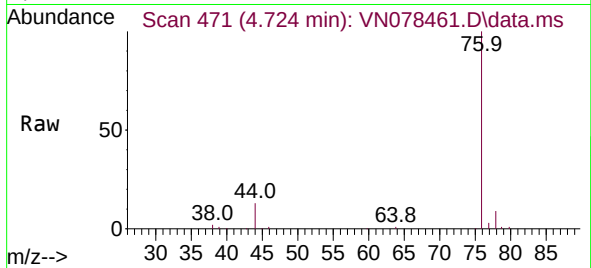
#17
Carbon Disulfide
Concen: 16.746 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

Tgt Ion: 76 Resp: 24394
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

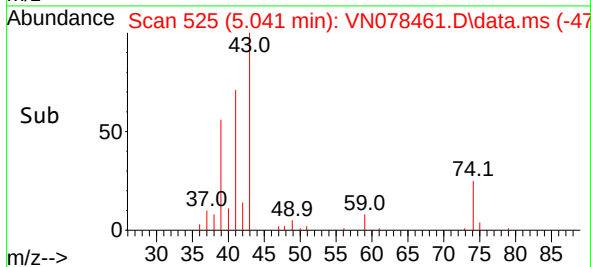
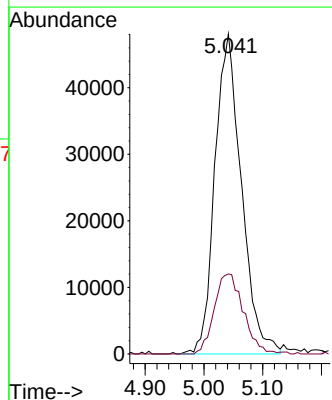
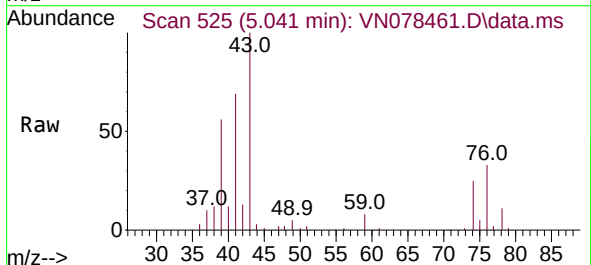
Manual Integrations
APPROVED

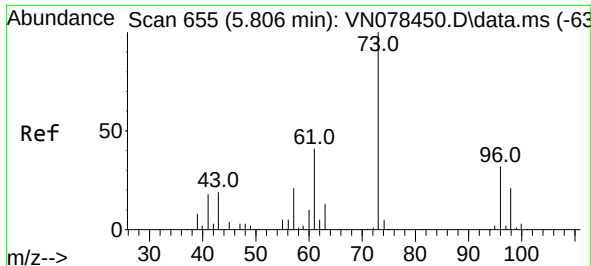
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#18
Methyl Acetate
Concen: 17.852 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.005 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

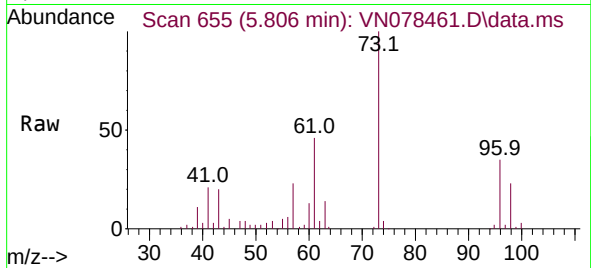
Tgt Ion: 43 Resp: 150668
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 18.042 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

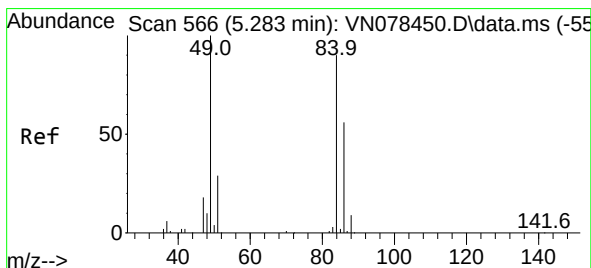
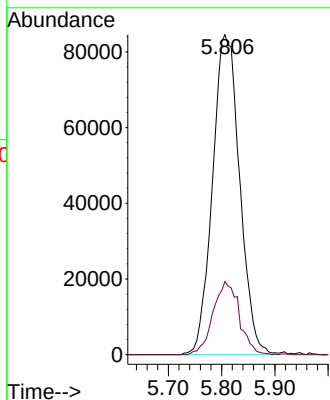
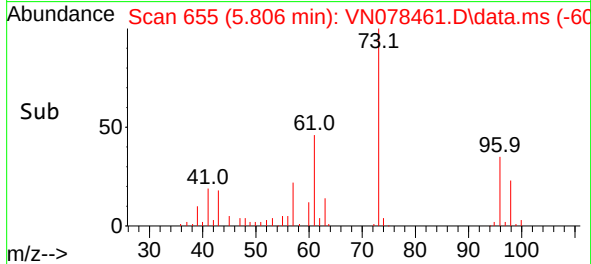
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



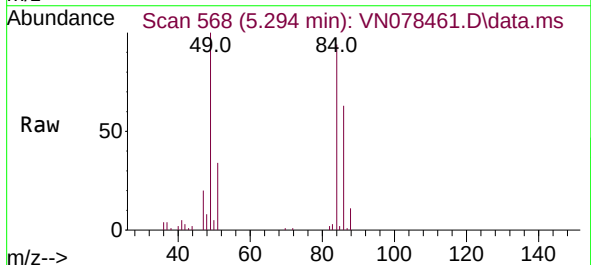
Tgt Ion: 73 Resp: 299470
Ion Ratio Lower Upper
73 100
57 22.8 15.6 23.4

Manual Integrations
APPROVED

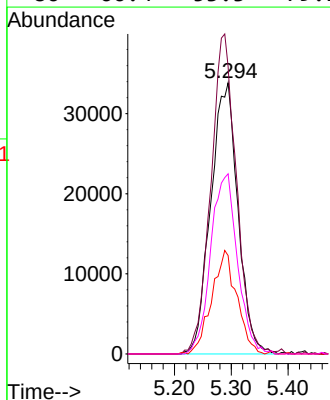
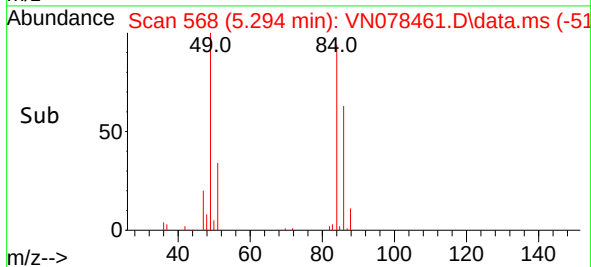
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

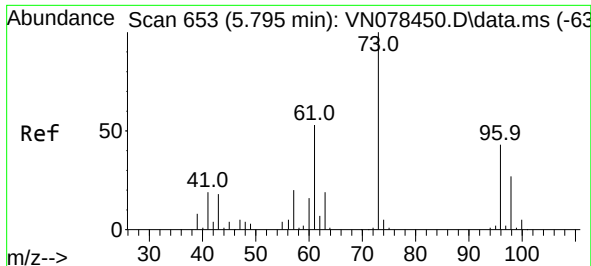


#20
Methylene Chloride
Concen: 18.893 ug/l
RT: 5.294 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22



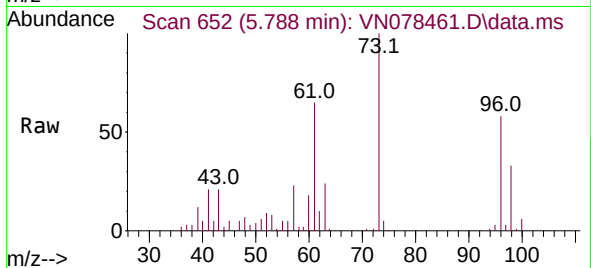
Tgt Ion: 84 Resp: 112399
Ion Ratio Lower Upper
84 100
49 105.9 79.7 119.5
51 36.3 25.2 37.8
86 66.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.077 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.007 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

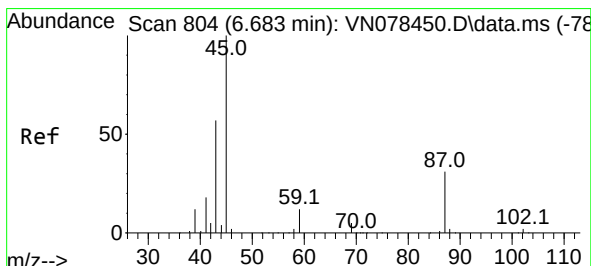
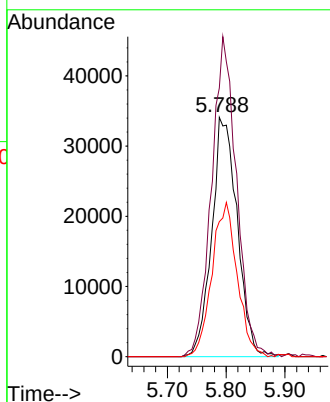
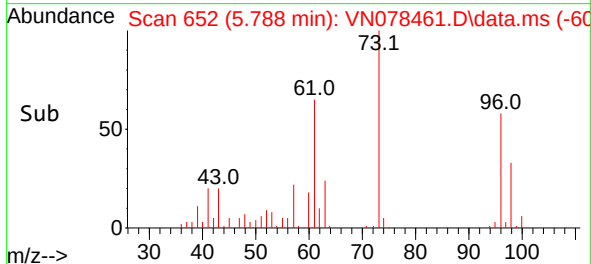
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 96 Resp: 102620
Ion Ratio Lower Upper
96 100
61 112.2 90.1 135.1
98 56.4 46.4 69.6

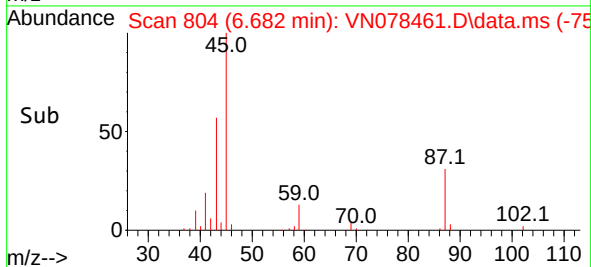
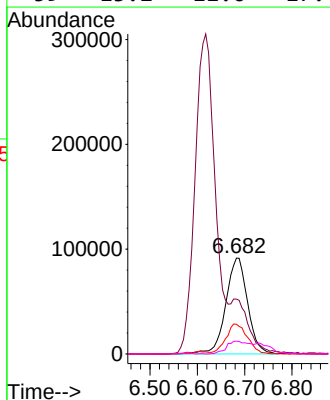
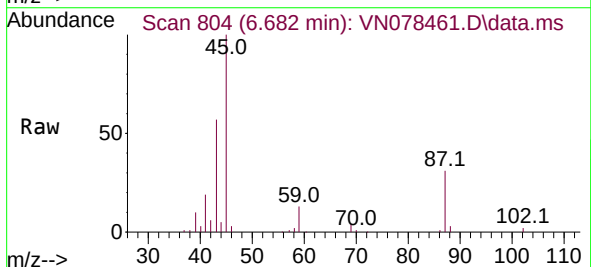
Manual Integrations
APPROVED

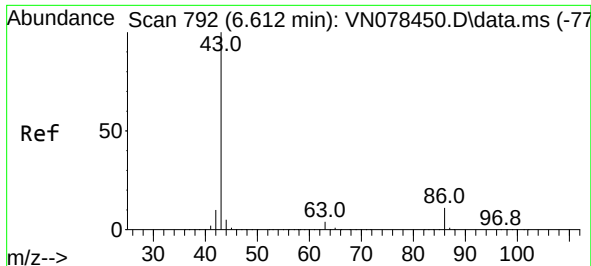
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#22
Diisopropyl ether
Concen: 18.978 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.001 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

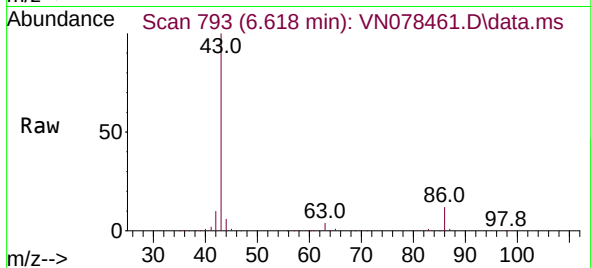
Tgt Ion: 45 Resp: 292529
Ion Ratio Lower Upper
45 100
43 55.5 45.5 68.3
87 30.8 31.8 47.8#
59 13.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 92.009 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078461.D
 Acq: 11 Jul 2023 13:22

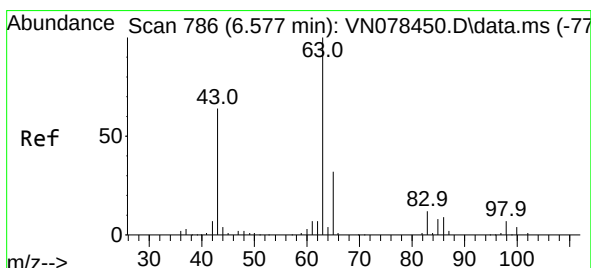
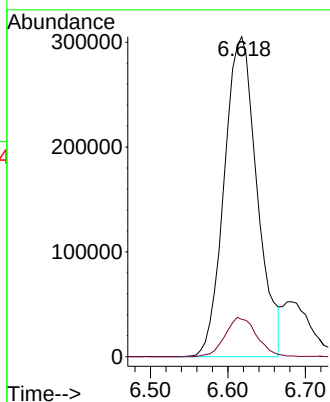
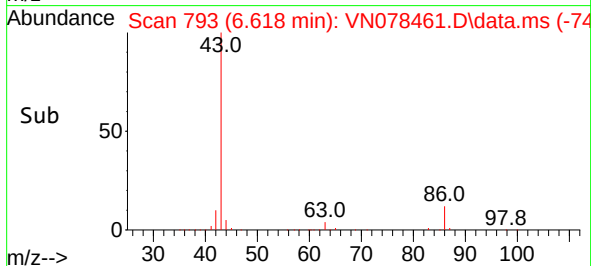
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01



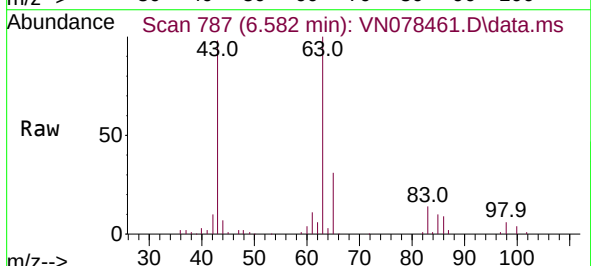
Tgt Ion: 43 Resp: 901614
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

Manual Integrations
 APPROVED

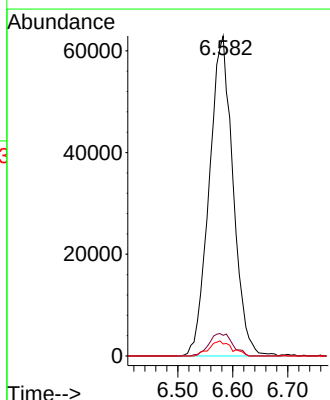
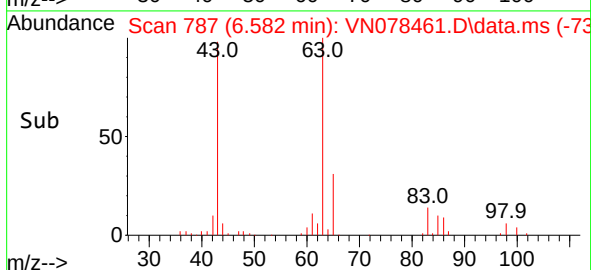
Reviewed By :John Carlone 07/12/2023
 Supervised By :Mahesh Dadoda 07/12/2023

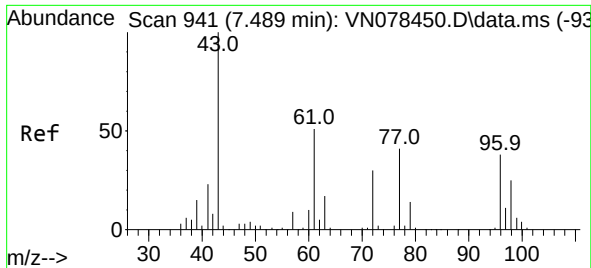


#24
 1,1-Dichloroethane
 Concen: 18.213 ug/l
 RT: 6.582 min Scan# 787
 Delta R.T. 0.005 min
 Lab File: VN078461.D
 Acq: 11 Jul 2023 13:22



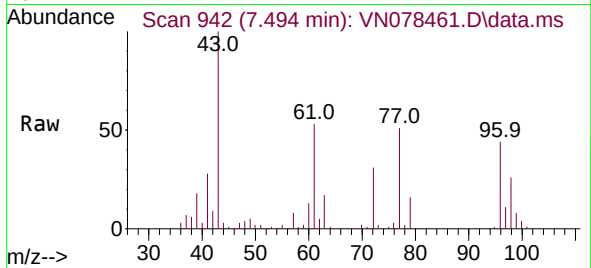
Tgt Ion: 63 Resp: 189167
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 3.8 2.5 7.4





#25
2-Butanone
Concen: 89.183 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

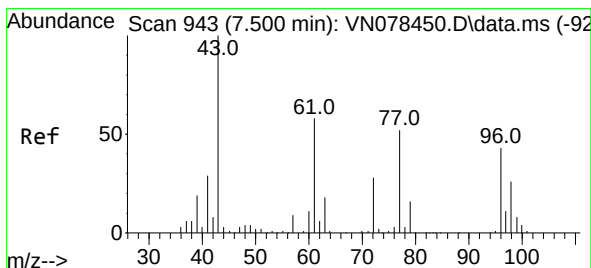
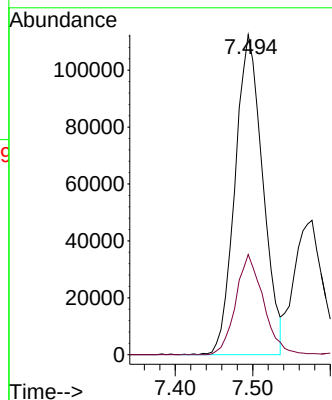
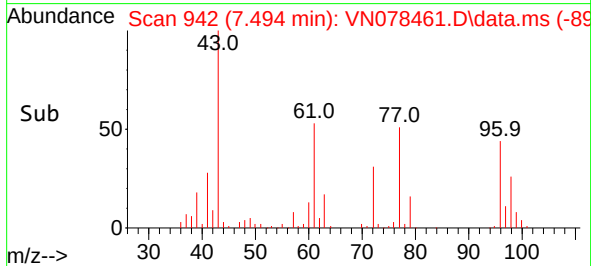
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 43 Resp: 279898
Ion Ratio Lower Upper
43 100
72 31.3 30.2 45.2

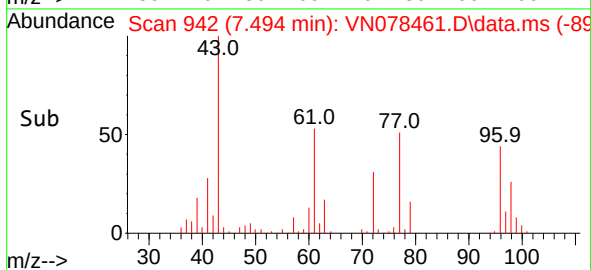
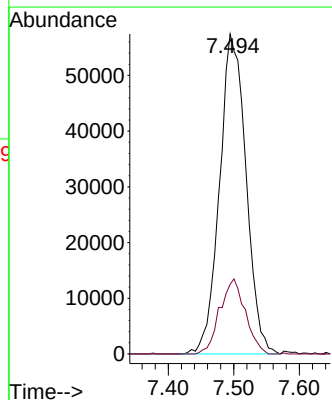
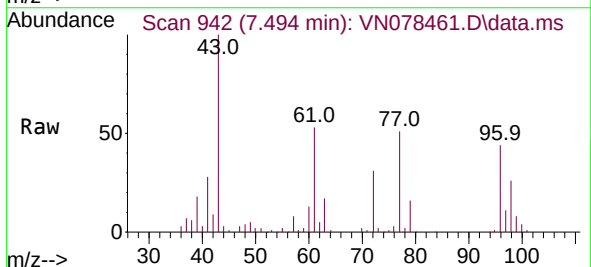
Manual Integrations
APPROVED

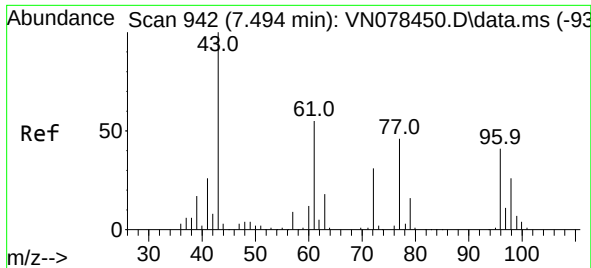
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#26
2,2-Dichloropropane
Concen: 18.945 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

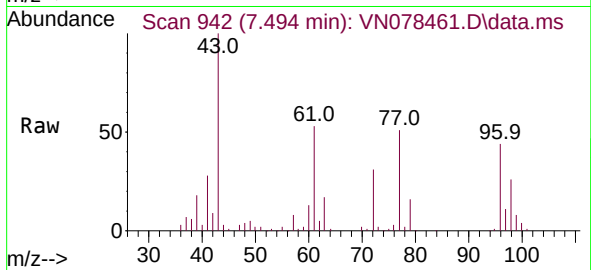
Tgt Ion: 77 Resp: 160936
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.809 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078461.D
 Acq: 11 Jul 2023 13:22

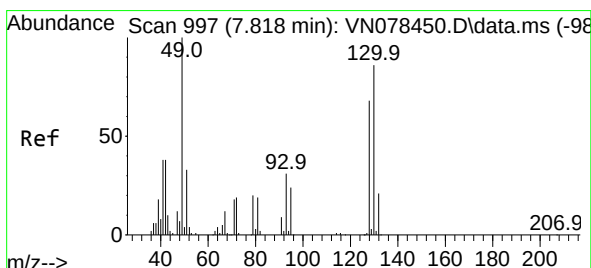
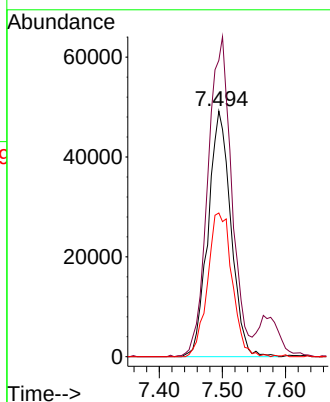
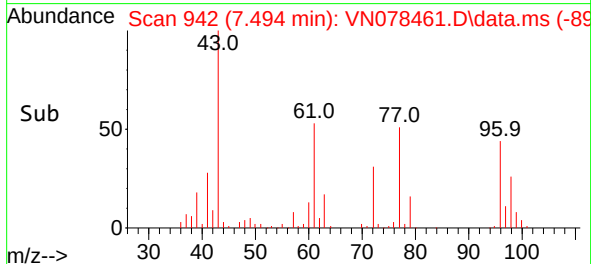
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01



Tgt Ion: 96 Resp: 12352
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 255.2
 98 62.9 0.0 128.8

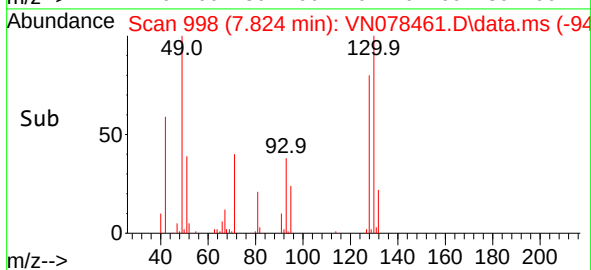
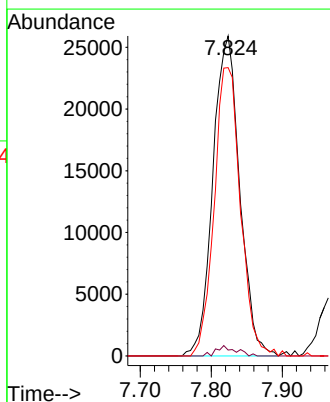
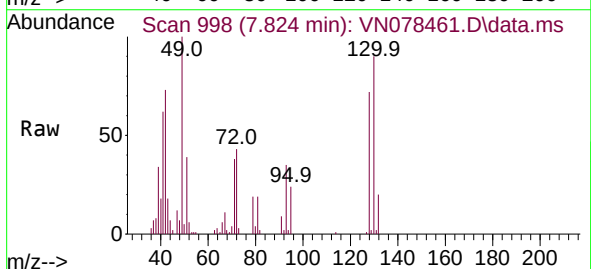
Manual Integrations
 APPROVED

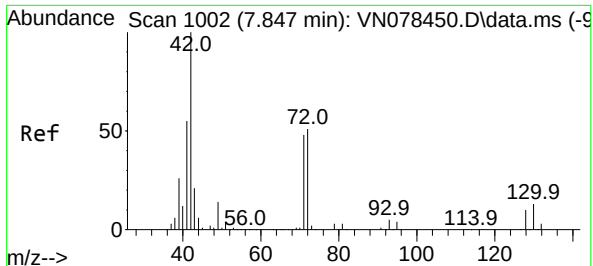
Reviewed By :John Carlone 07/12/2023
 Supervised By :Mahesh Dadoda 07/12/2023



#28
 Bromochloromethane
 Concen: 13.901 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078461.D
 Acq: 11 Jul 2023 13:22

Tgt Ion: 49 Resp: 68006
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 88.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 90.341 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078461.D

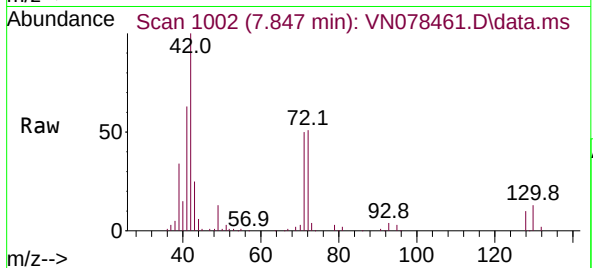
Acq: 11 Jul 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01



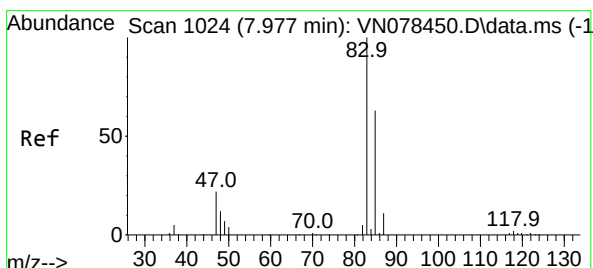
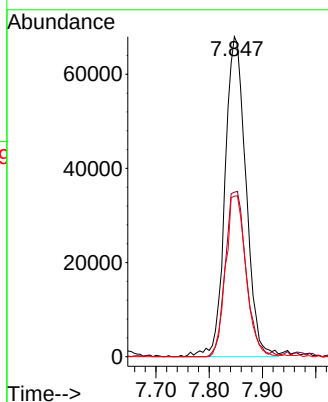
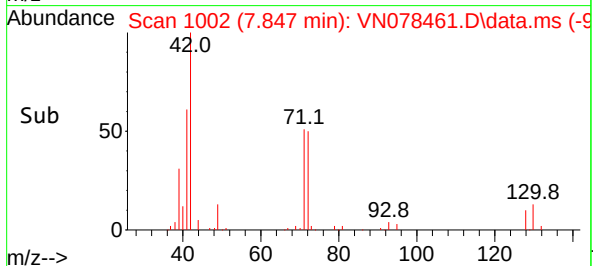
Tgt Ion:	42	Resp:	18604
Ion Ratio	Lower	Upper	
42	100		
72	50.8	49.8	74.6
71	49.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#30

Chloroform

Concen: 18.969 ug/l

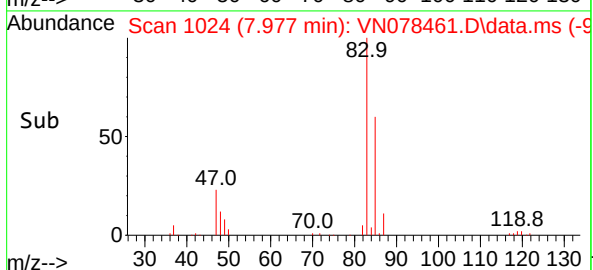
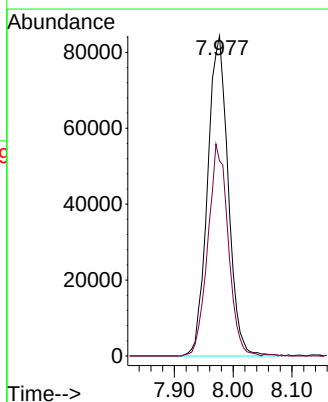
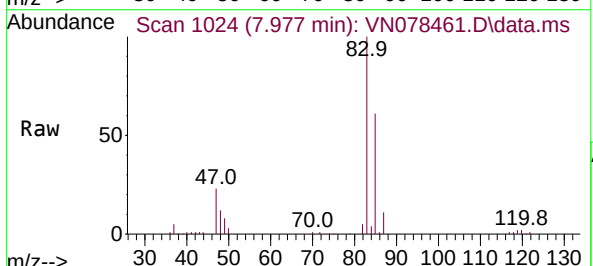
RT: 7.977 min Scan# 1024

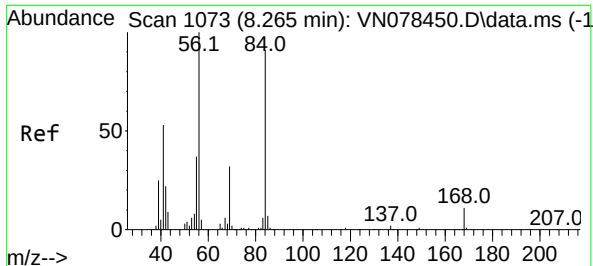
Delta R.T. -0.000 min

Lab File: VN078461.D

Acq: 11 Jul 2023 13:22

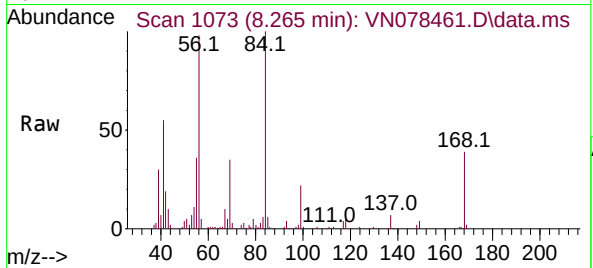
Tgt Ion:	83	Resp:	205119
Ion Ratio	Lower	Upper	
83	100		
85	60.9	55.4	83.0





#31
Cyclohexane
Concen: 17.803 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

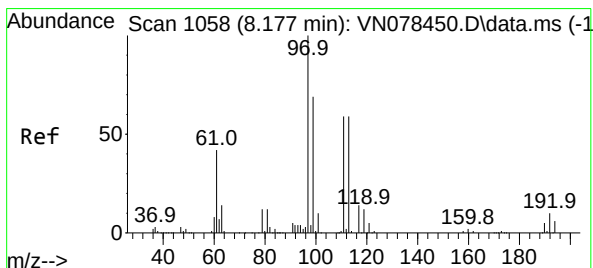
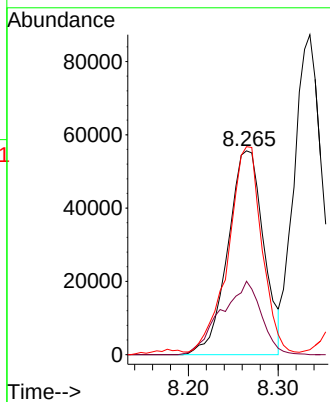
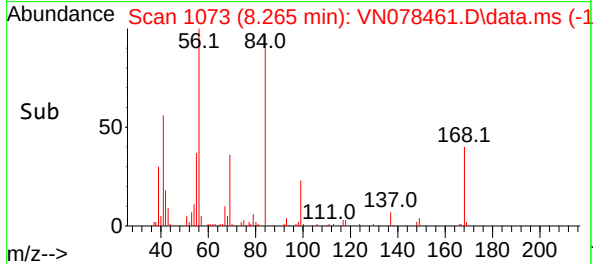
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 56 Resp: 154000
Ion Ratio Lower Upper
56 100
69 34.9 26.8 40.2
84 99.9 81.8 122.6

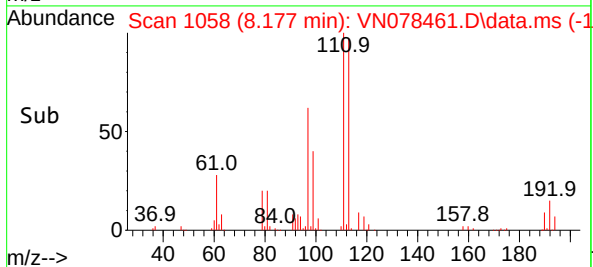
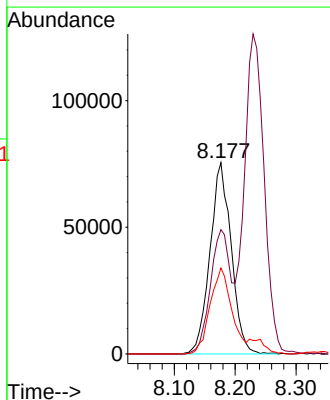
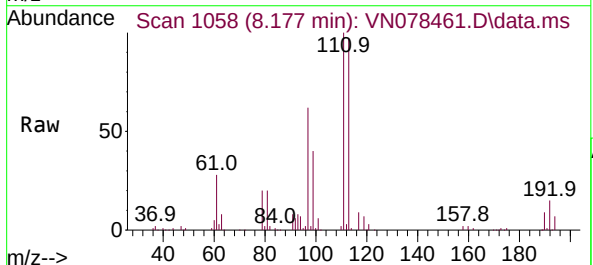
Manual Integrations
APPROVED

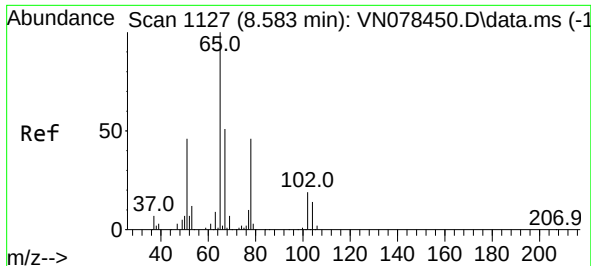
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#32
1,1,1-Trichloroethane
Concen: 18.885 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Tgt Ion: 97 Resp: 183092
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 45.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.204 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078461.D

Acq: 11 Jul 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

Tgt Ion: 65 Resp: 32773

Ion Ratio Lower Upper

65 100

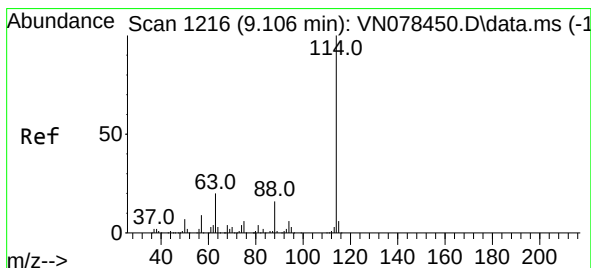
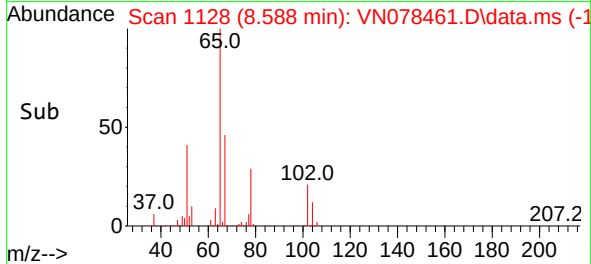
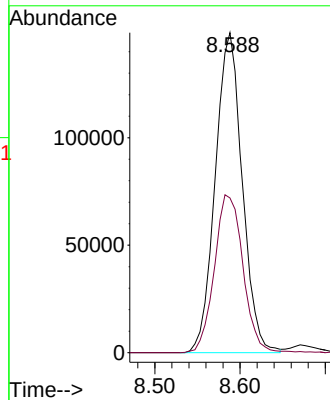
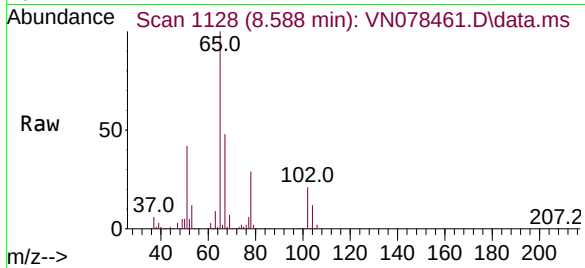
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078461.D

Acq: 11 Jul 2023 13:22

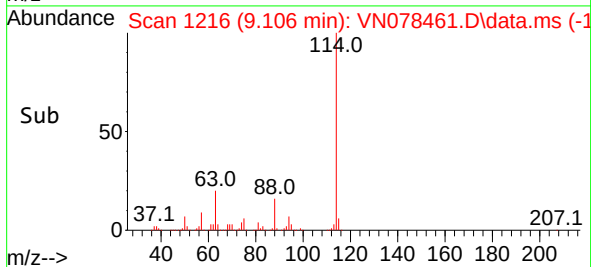
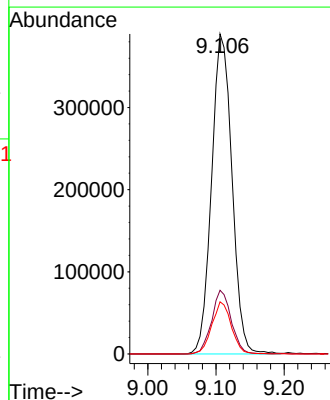
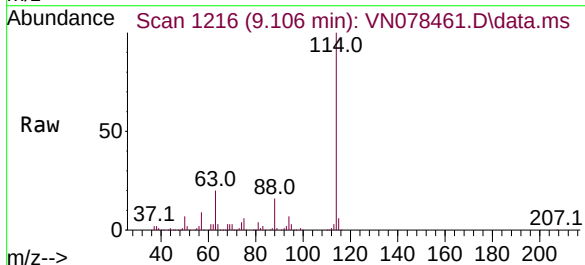
Tgt Ion:114 Resp: 811570

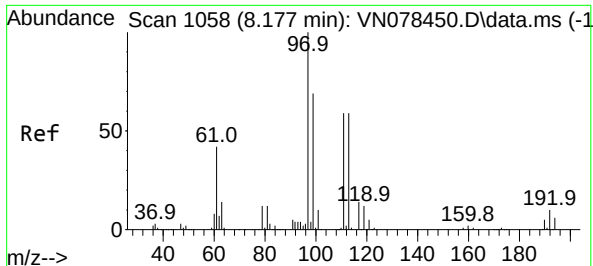
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

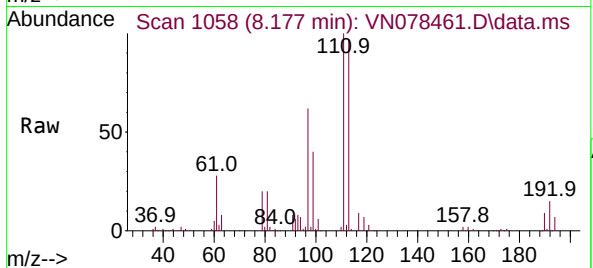
88 16.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.082 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

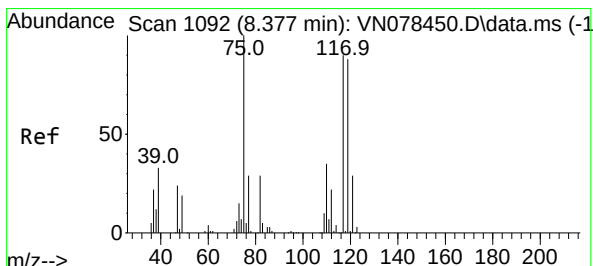
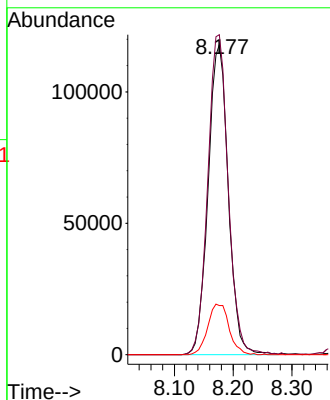
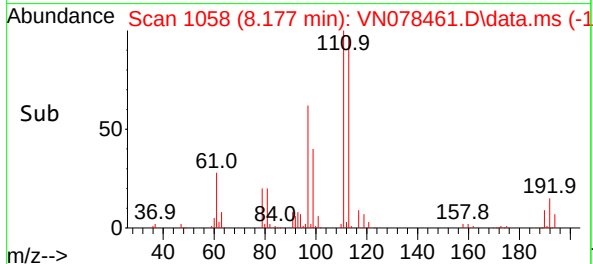
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion:113 Resp: 281420
Ion Ratio Lower Upper
113 100
111 104.4 82.6 123.8
192 17.3 12.7 19.1

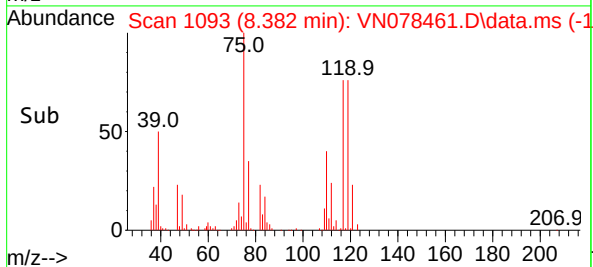
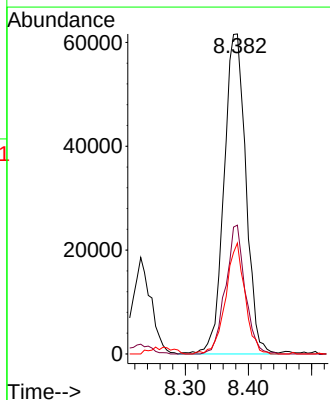
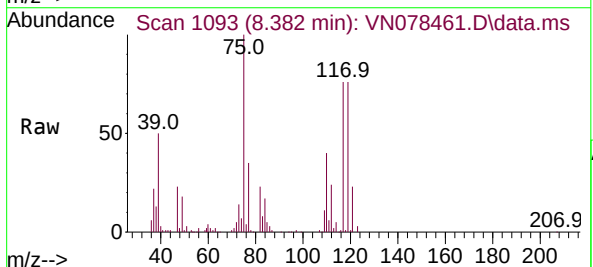
Manual Integrations
APPROVED

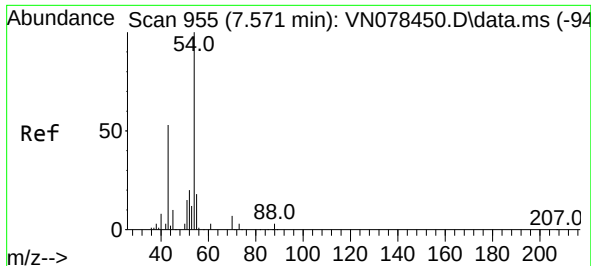
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#36
1,1-Dichloropropene
Concen: 18.642 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.005 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Tgt Ion: 75 Resp: 148289
Ion Ratio Lower Upper
75 100
110 35.9 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 18.858 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078461.D

Acq: 11 Jul 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

Tgt Ion: 43 Resp: 125054

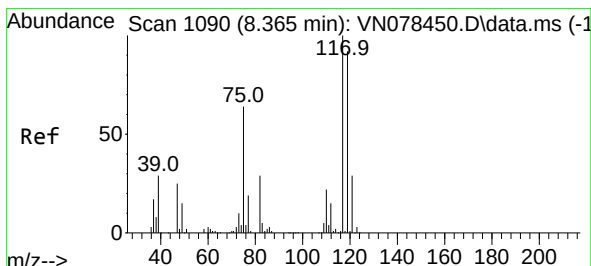
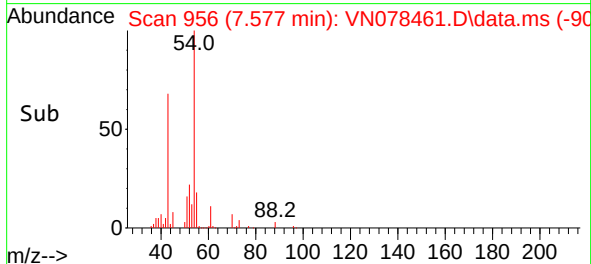
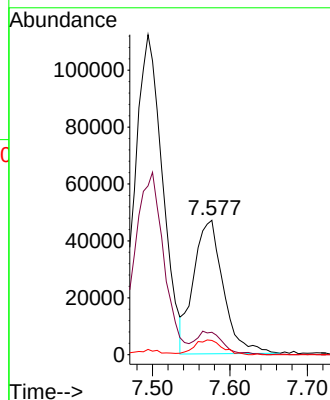
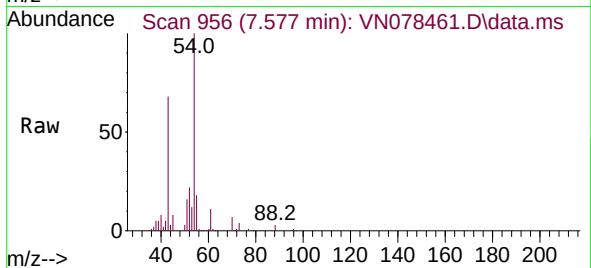
Ion	Ratio	Lower	Upper
43	100		
61	15.7	13.2	19.8
70	10.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#38

Carbon Tetrachloride

Concen: 19.185 ug/l

RT: 8.365 min Scan# 1090

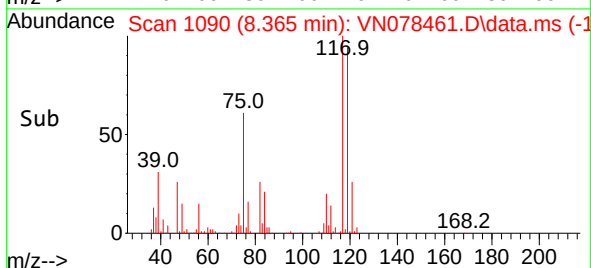
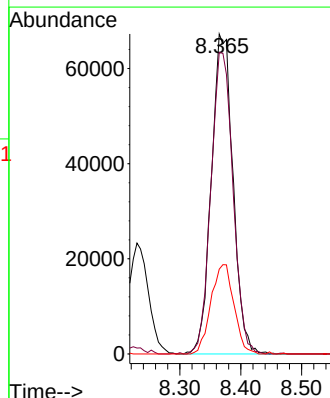
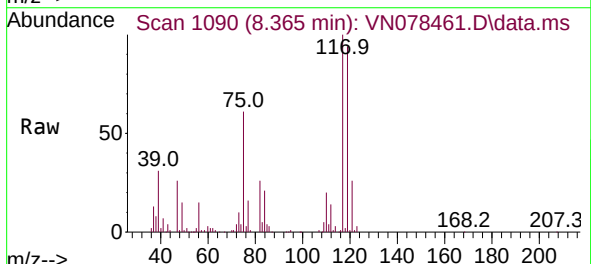
Delta R.T. -0.000 min

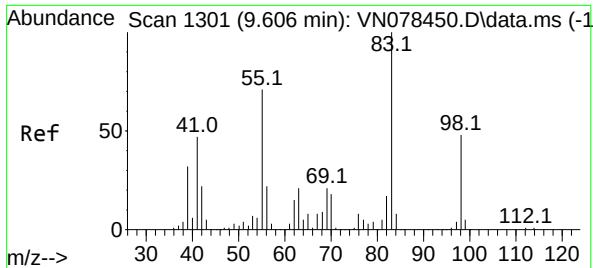
Lab File: VN078461.D

Acq: 11 Jul 2023 13:22

Tgt Ion:117 Resp: 165865

Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.3	115.9
121	26.5	23.3	34.9





#39

Methylcyclohexane

Concen: 18.869 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN078461.D

Acq: 11 Jul 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

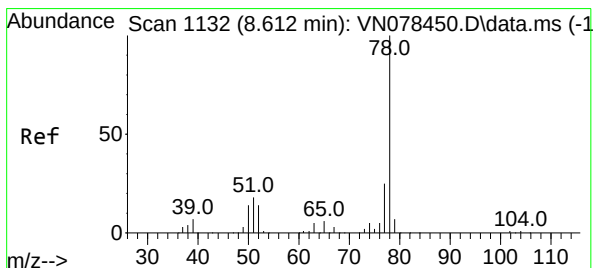
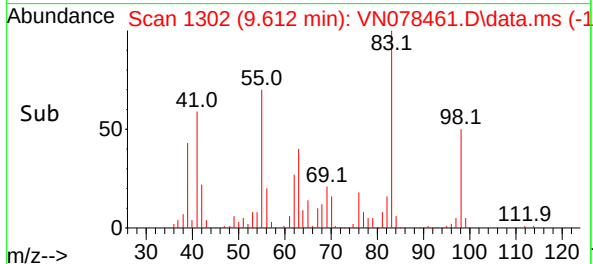
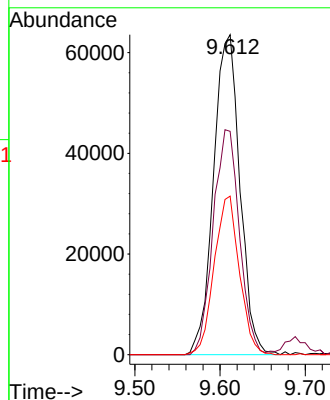
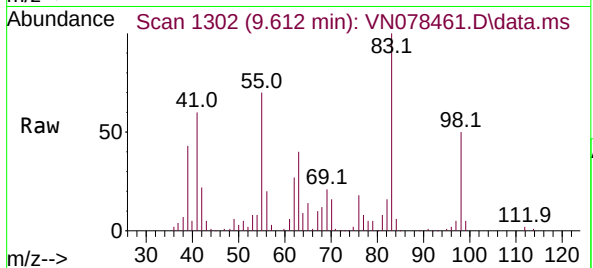
Tgt Ion:	83	Resp:	13700
Ion Ratio	Lower	Upper	
83	100		
55	69.8	49.1	73.7
98	49.5	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#40

Benzene

Concen: 19.077 ug/l

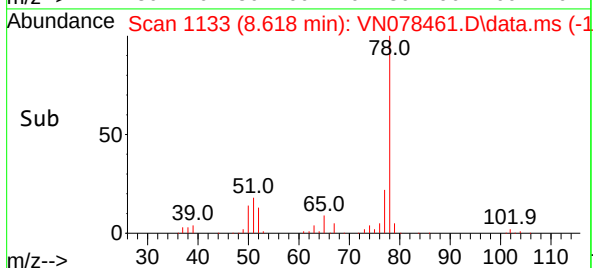
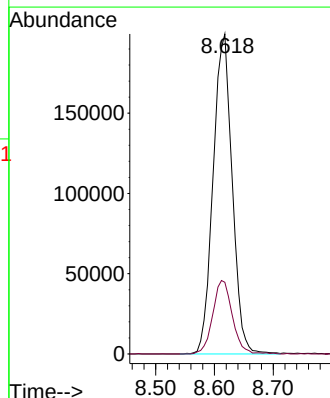
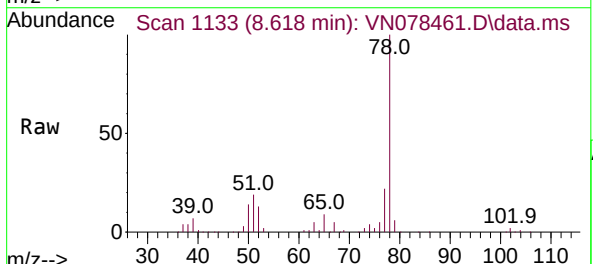
RT: 8.618 min Scan# 1133

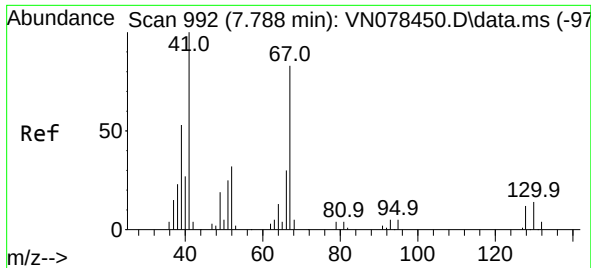
Delta R.T. 0.006 min

Lab File: VN078461.D

Acq: 11 Jul 2023 13:22

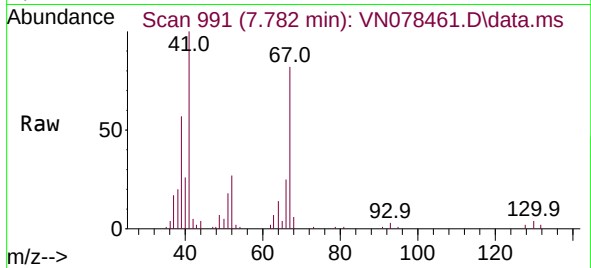
Tgt Ion:	78	Resp:	449580
Ion Ratio	Lower	Upper	
78	100		
77	22.4	19.0	28.6





#41
Methacrylonitrile
Concen: 18.901 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

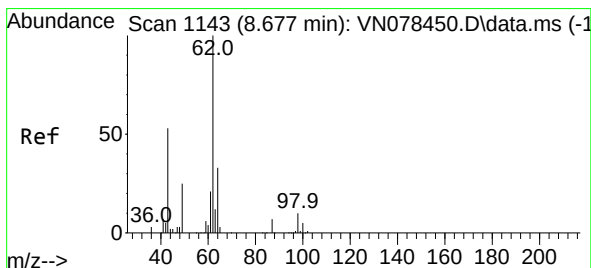
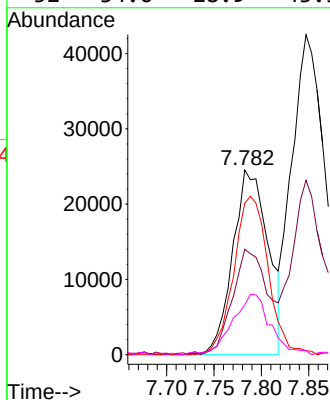
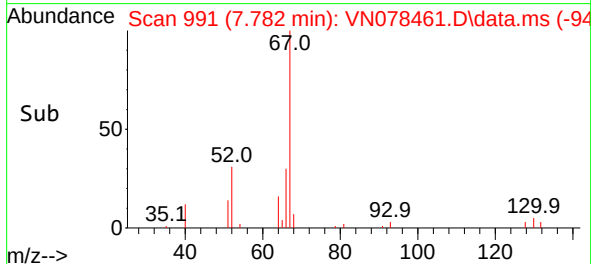
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 41 Resp: 63894
Ion Ratio Lower Upper
41 100
39 57.4 42.6 64.0
67 83.2 77.5 116.3
52 34.6 28.9 43.3

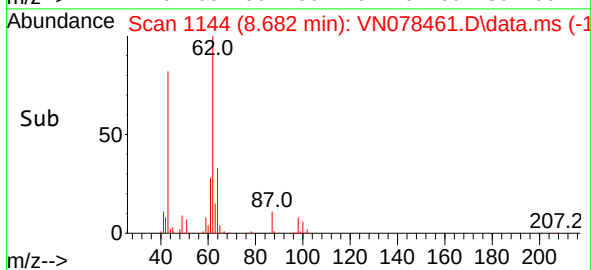
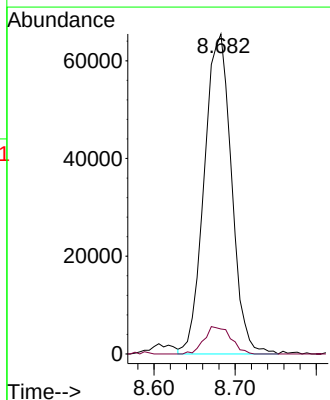
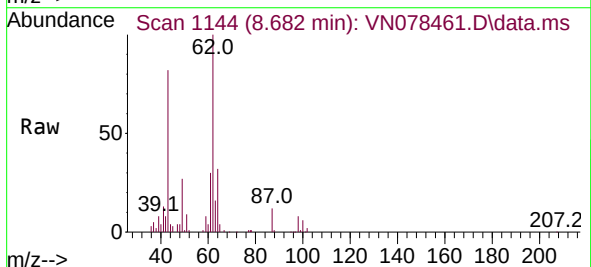
Manual Integrations
APPROVED

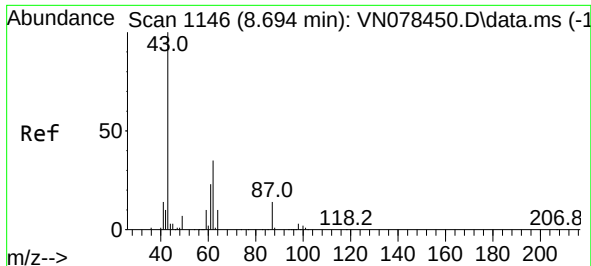
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#42
1,2-Dichloroethane
Concen: 19.033 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

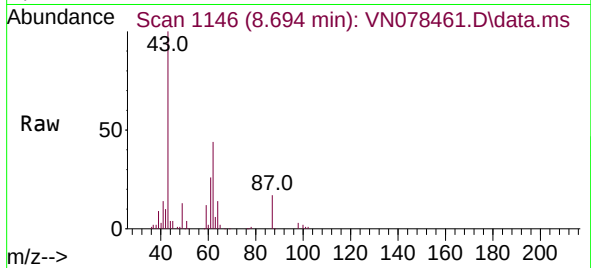
Tgt Ion: 62 Resp: 152565
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.477 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

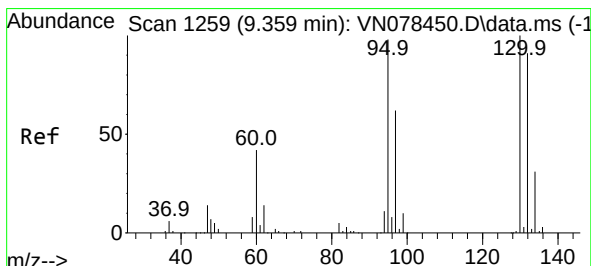
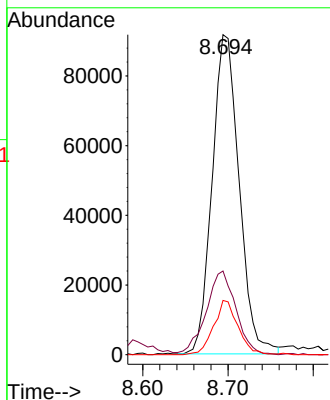
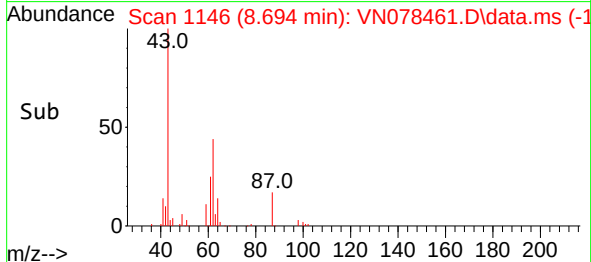
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 43 Resp: 201718
Ion Ratio Lower Upper
43 100
61 29.0 24.7 37.1
87 15.3 14.6 21.8

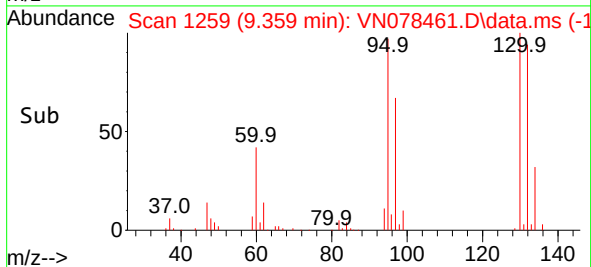
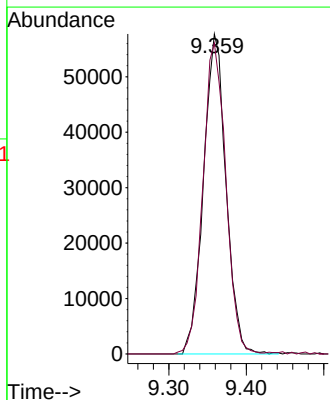
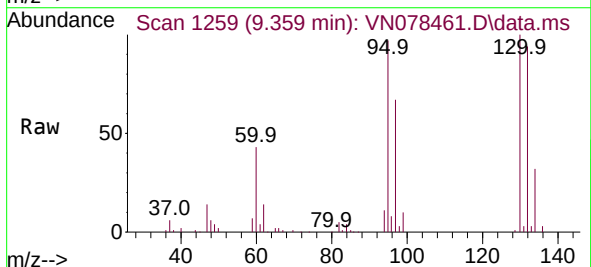
Manual Integrations
APPROVED

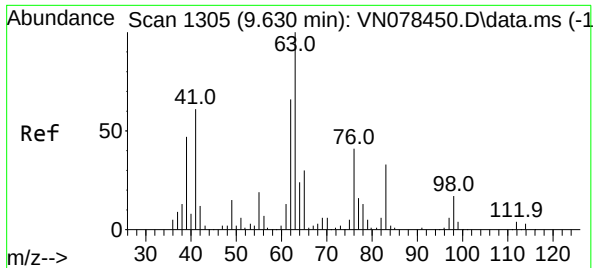
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#44
Trichloroethene
Concen: 18.383 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Tgt Ion:130 Resp: 116762
Ion Ratio Lower Upper
130 100
95 96.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.989 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN078461.D

Acq: 11 Jul 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

Tgt Ion: 63 Resp: 11334

Ion Ratio Lower Upper

63 100

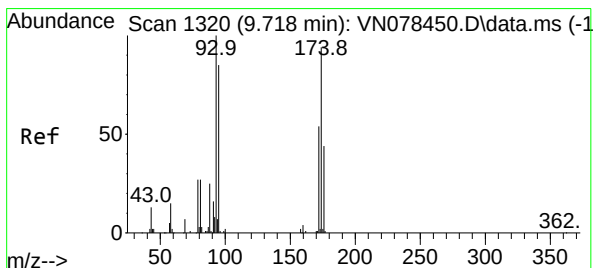
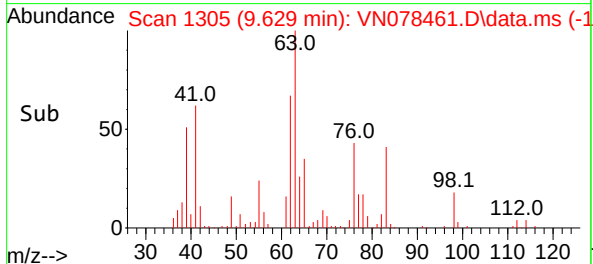
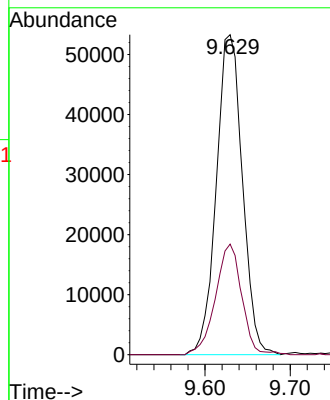
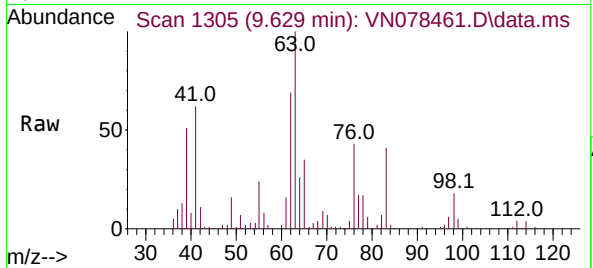
65 34.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#46

Dibromomethane

Concen: 19.585 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078461.D

Acq: 11 Jul 2023 13:22

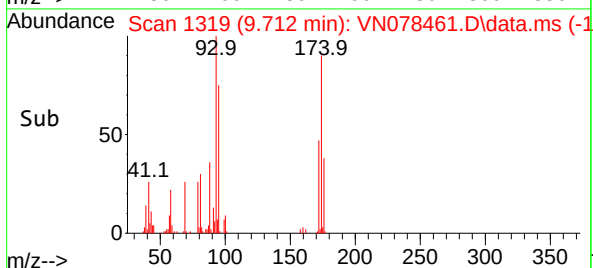
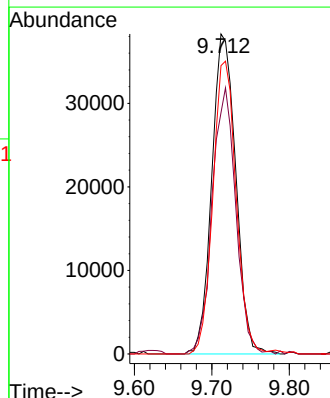
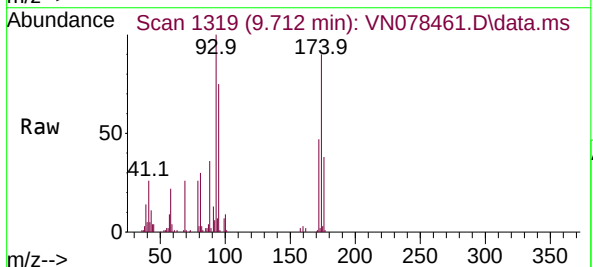
Tgt Ion: 93 Resp: 82278

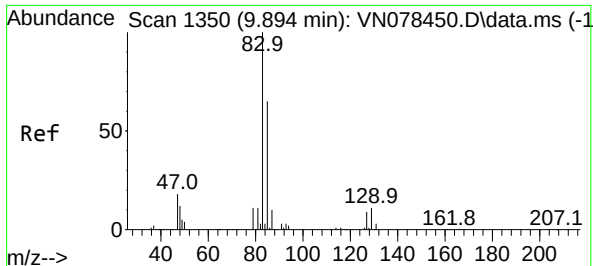
Ion Ratio Lower Upper

93 100

95 82.2 63.8 95.8

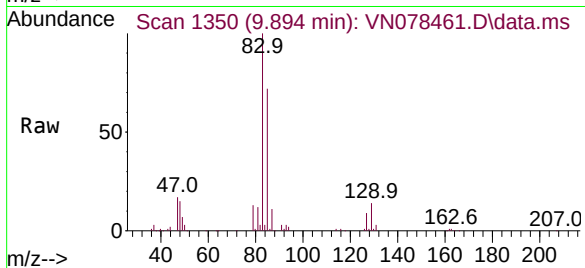
174 88.8 65.6 98.4





#47
Bromodichloromethane
Concen: 18.836 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

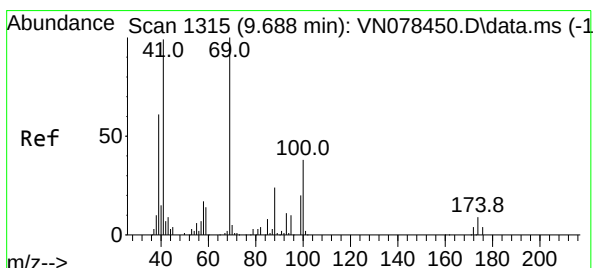
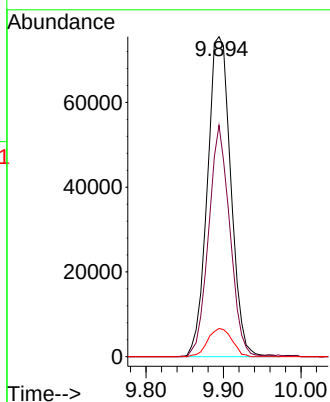
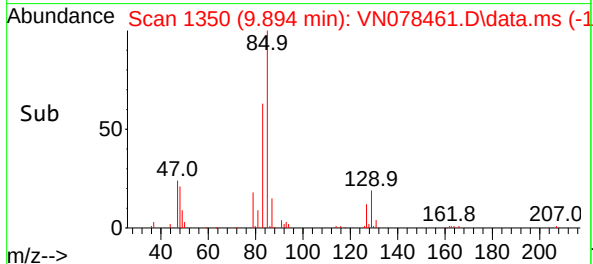
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 83 Resp: 15862
Ion Ratio Lower Upper
83 100
85 72.3 49.6 74.4
127 8.8 7.0 10.6

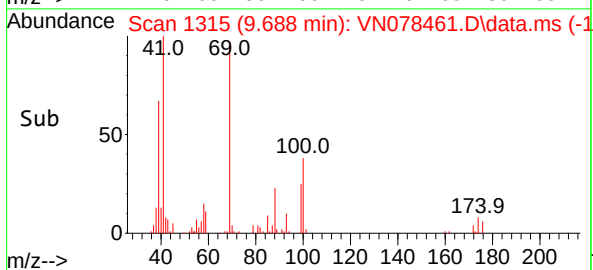
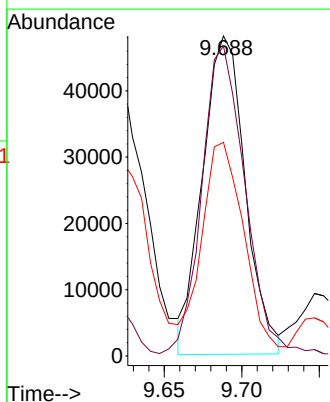
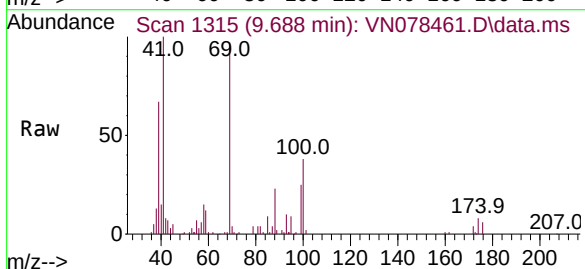
Manual Integrations
APPROVED

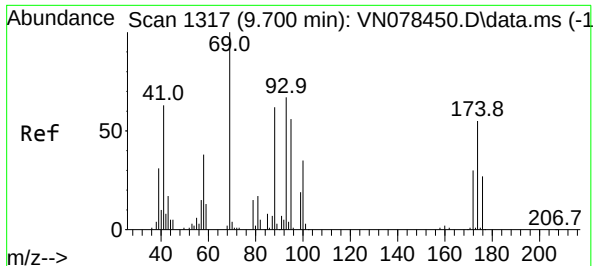
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#48
Methyl methacrylate
Concen: 18.183 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Tgt Ion: 41 Resp: 91969
Ion Ratio Lower Upper
41 100
69 99.1 90.4 135.6
39 67.5 54.6 81.8





#49

1,4-Dioxane

Concen: 355.271 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078461.D

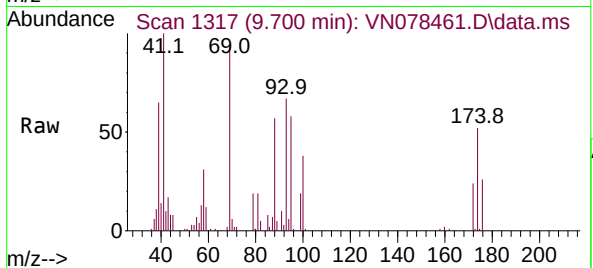
Acq: 11 Jul 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01



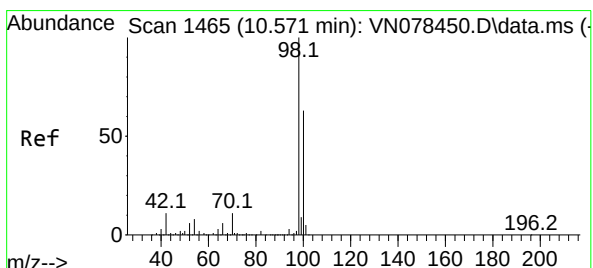
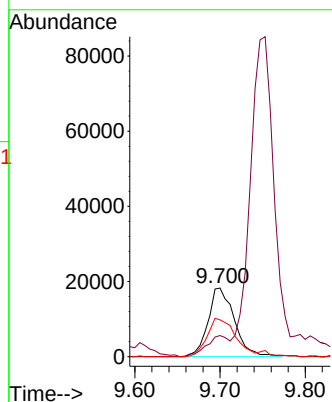
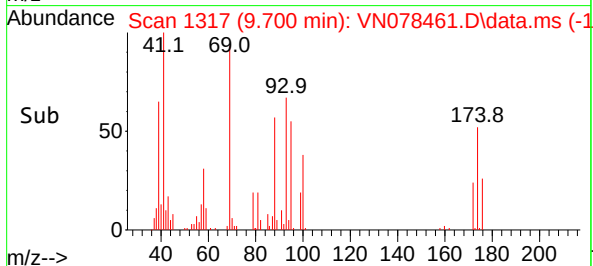
Tgt Ion:	88	Resp:	3918
Ion Ratio	Lower	Upper	
88	100		
43	26.7	17.0	25.6
58	64.1	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#50

Toluene-d8

Concen: 51.854 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078461.D

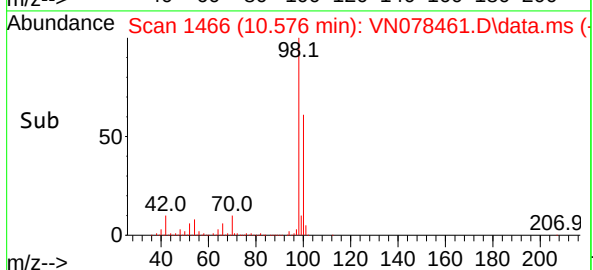
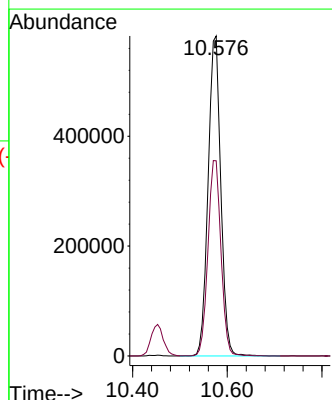
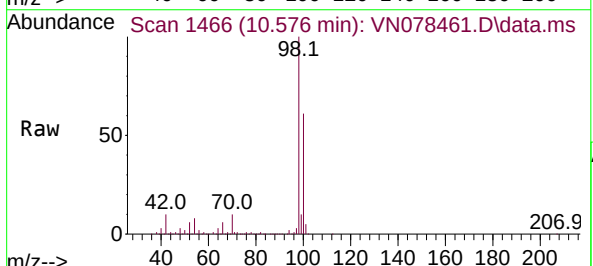
Acq: 11 Jul 2023 13:22

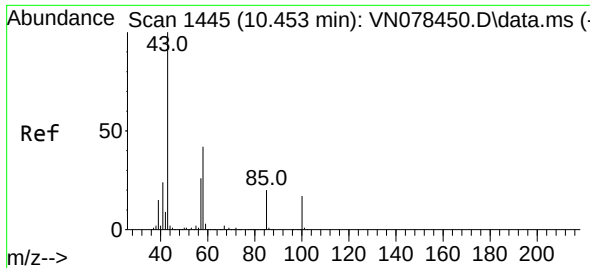
Tgt Ion: 98 Resp: 1079179

Ion Ratio Lower Upper

98 100

100 62.6 52.0 78.0





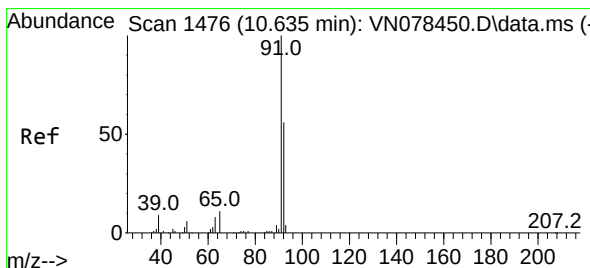
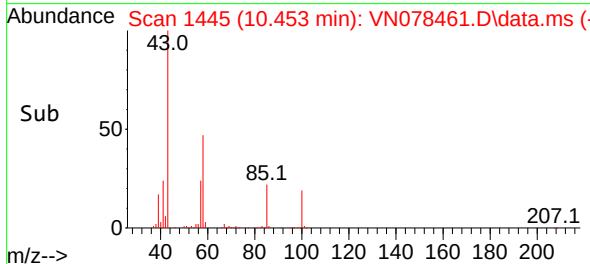
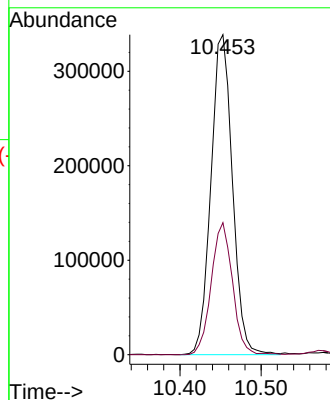
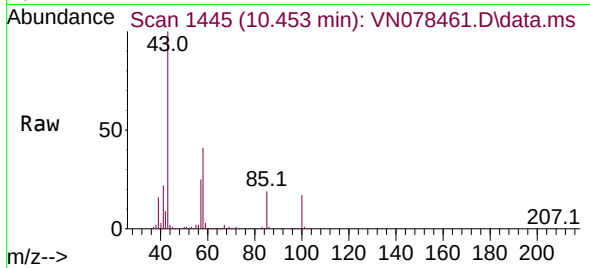
#51
4-Methyl-2-Pentanone
Concen: 96.077 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

Tgt Ion: 43 Resp: 623912
Ion Ratio Lower Upper
43 100
58 40.7 36.6 54.8

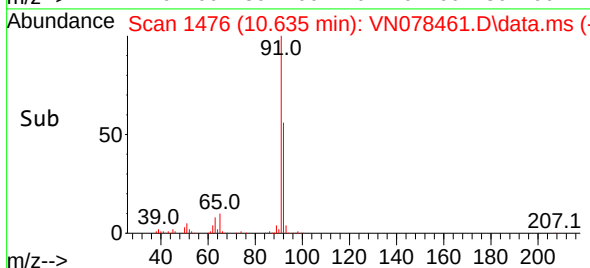
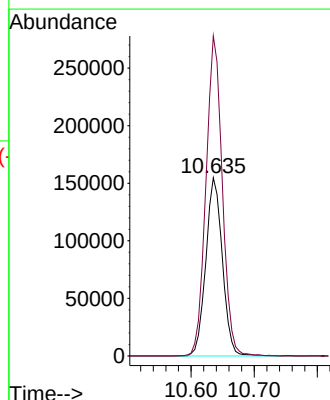
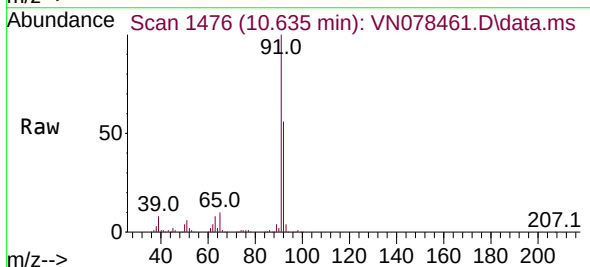
Manual Integrations
APPROVED

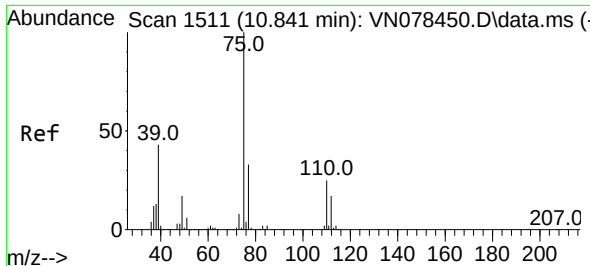
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#52
Toluene
Concen: 19.237 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

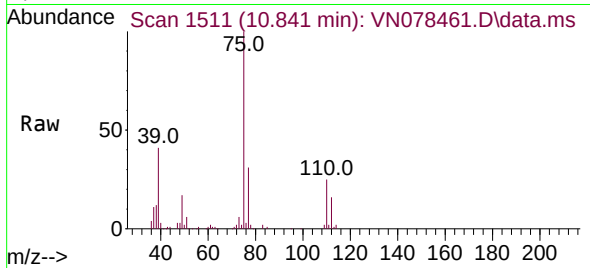
Tgt Ion: 92 Resp: 280981
Ion Ratio Lower Upper
92 100
91 177.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.208 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

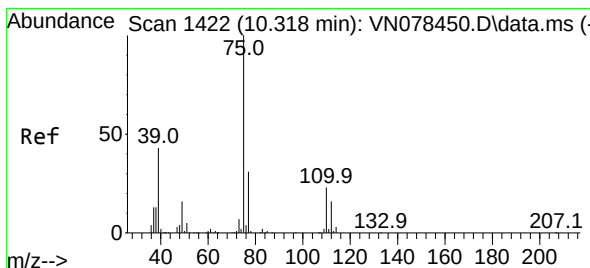
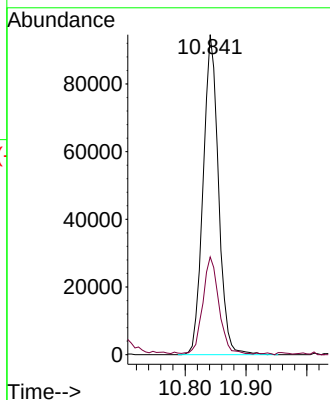
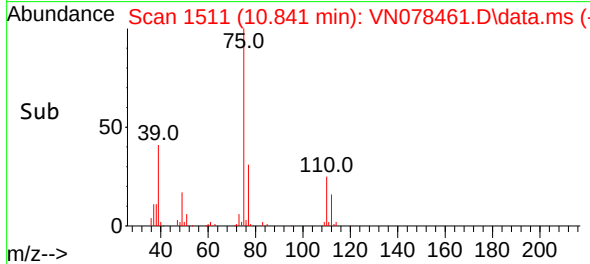
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 75 Resp: 165709
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0

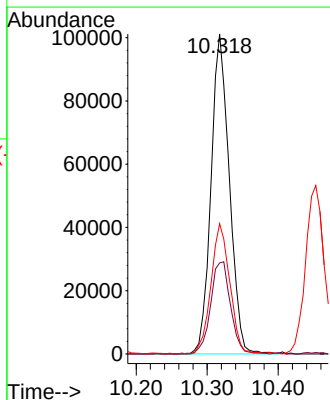
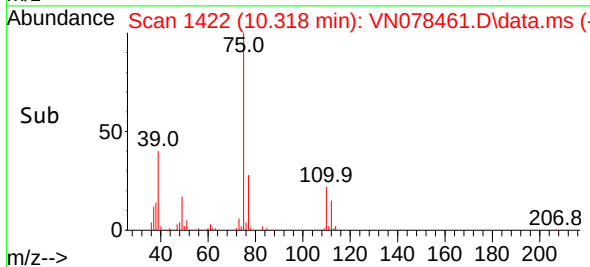
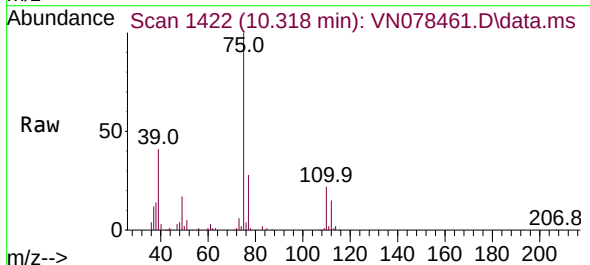
Manual Integrations
APPROVED

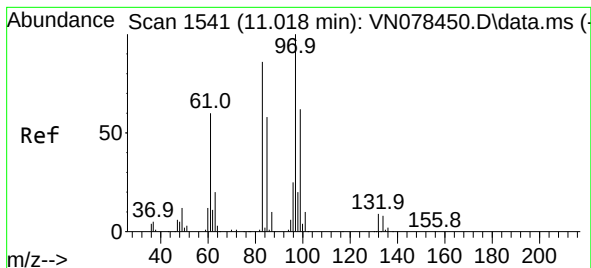
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#54
cis-1,3-Dichloropropene
Concen: 19.697 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

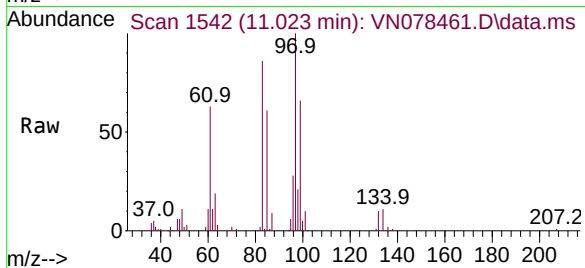
Tgt Ion: 75 Resp: 181136
Ion Ratio Lower Upper
75 100
77 28.5 26.1 39.1
39 40.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.357 ug/l
RT: 11.023 min Scan# 11139
Delta R.T. 0.005 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

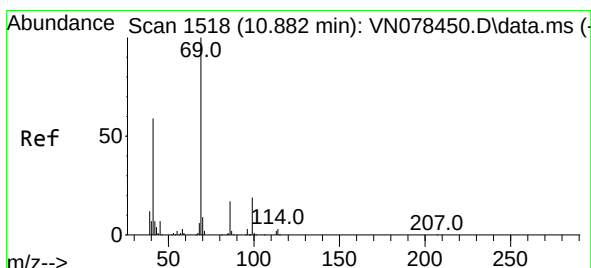
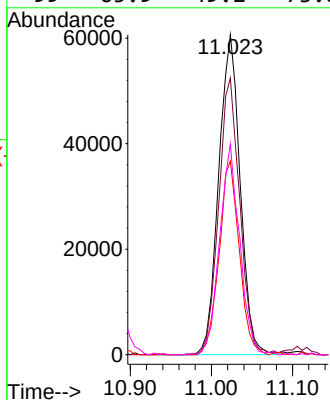
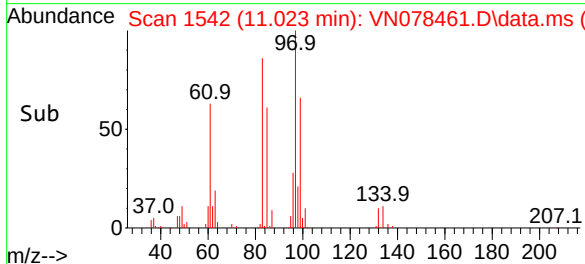
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



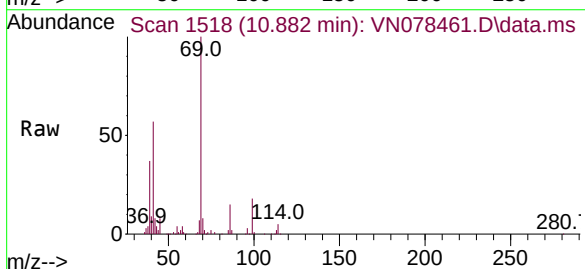
Tgt Ion: 97 Resp: 11139
Ion Ratio Lower Upper
97 100
83 86.4 65.1 97.7
85 60.5 43.4 65.2
99 65.9 49.2 73.8

Manual Integrations
APPROVED

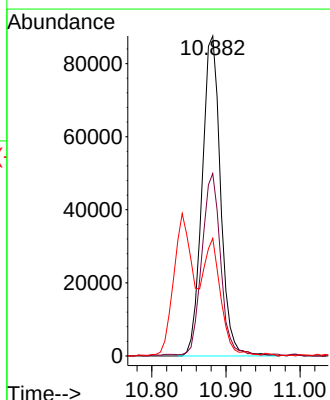
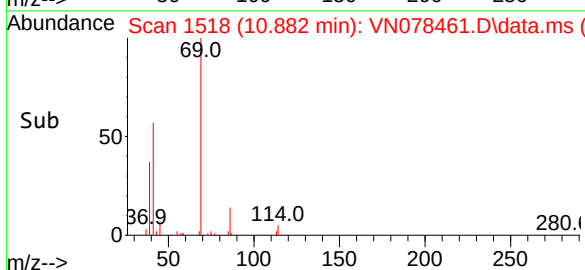
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

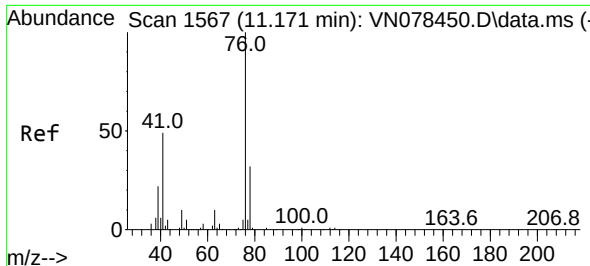


#56
Ethyl methacrylate
Concen: 18.842 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22



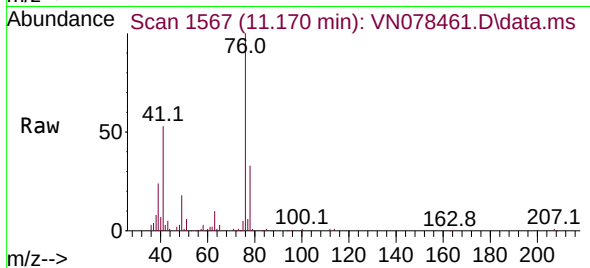
Tgt Ion: 69 Resp: 151575
Ion Ratio Lower Upper
69 100
41 57.2 39.6 59.4
39 32.4 28.6 43.0





#57
1,3-Dichloropropane
Concen: 18.643 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

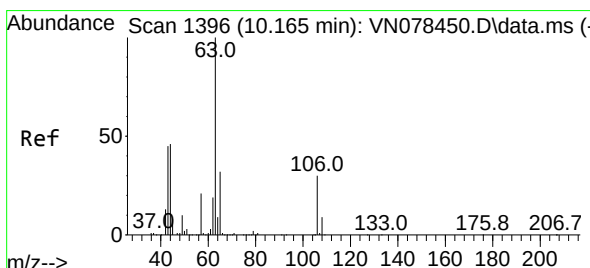
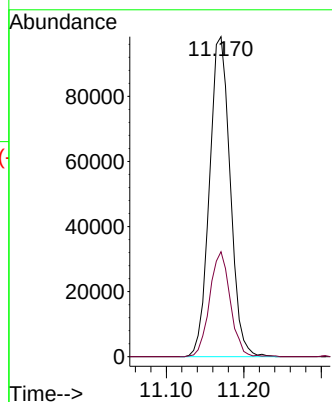
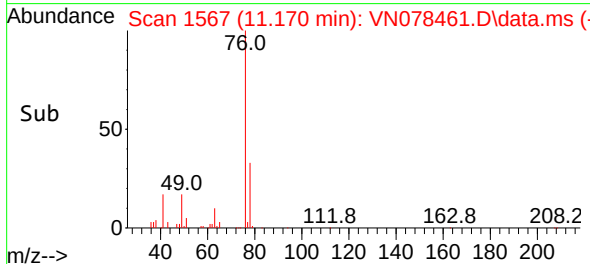
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 76 Resp: 18242
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1

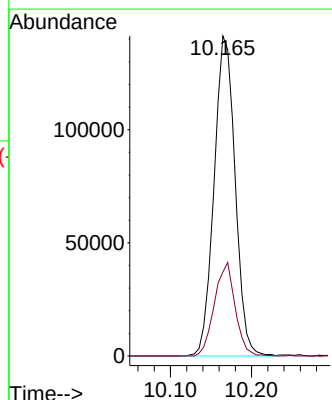
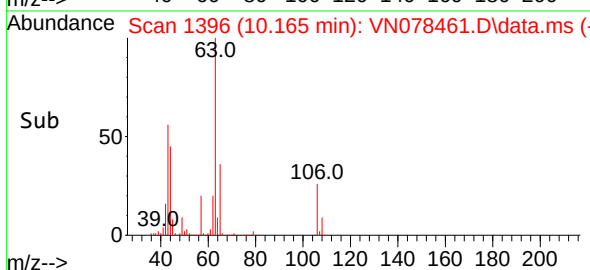
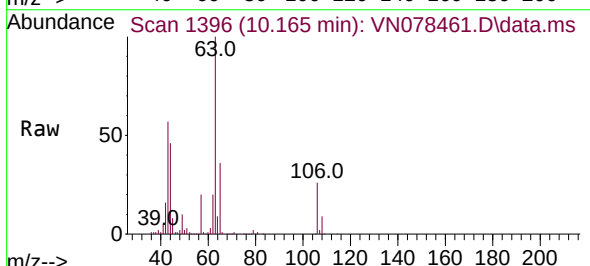
Manual Integrations
APPROVED

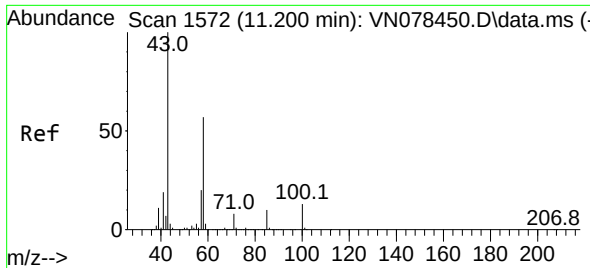
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#58
2-Chloroethyl Vinyl ether
Concen: 89.035 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

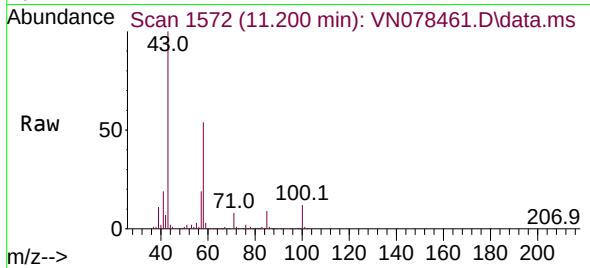
Tgt Ion: 63 Resp: 255249
Ion Ratio Lower Upper
63 100
106 28.6 26.2 39.4





#59
2-Hexanone
Concen: 94.441 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

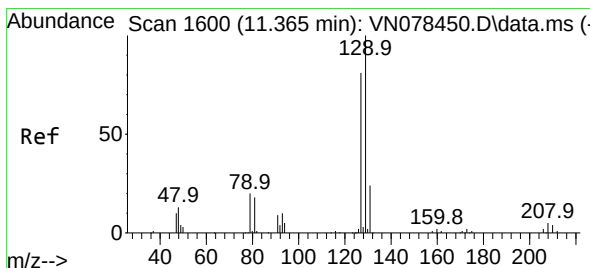
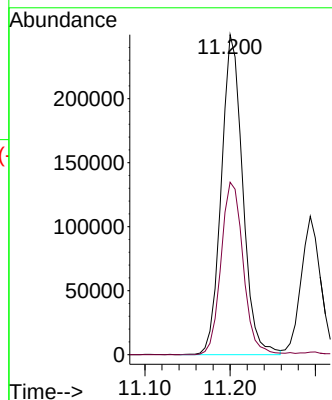
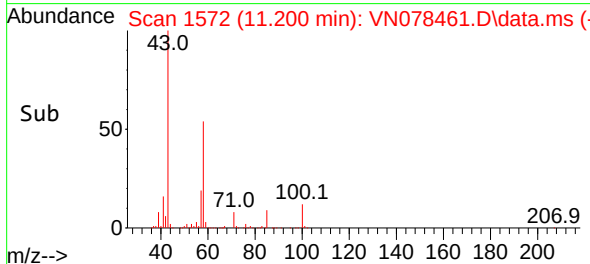
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 43 Resp: 43586
Ion Ratio Lower Upper
43 100
58 55.8 31.7 95.1

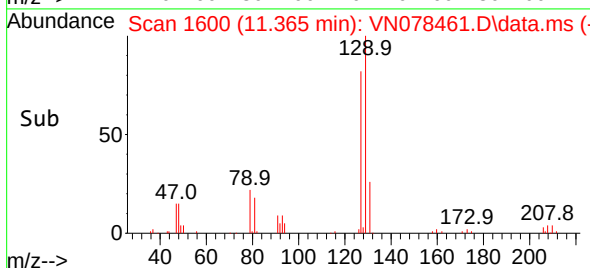
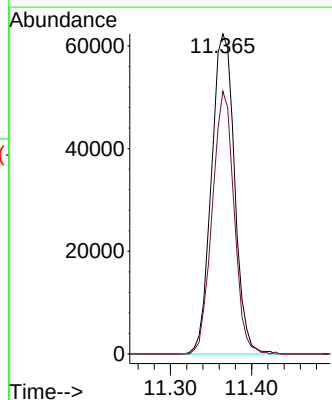
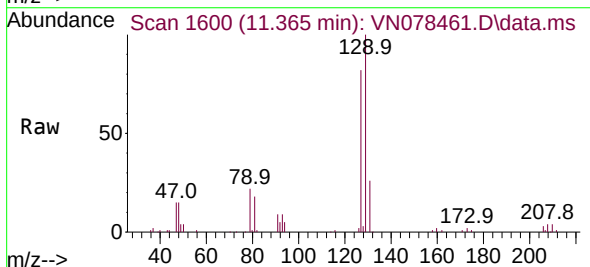
Manual Integrations
APPROVED

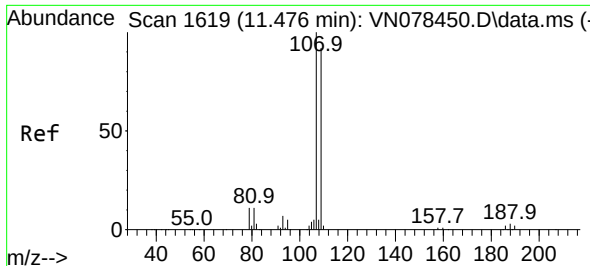
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#60
Dibromochloromethane
Concen: 19.418 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

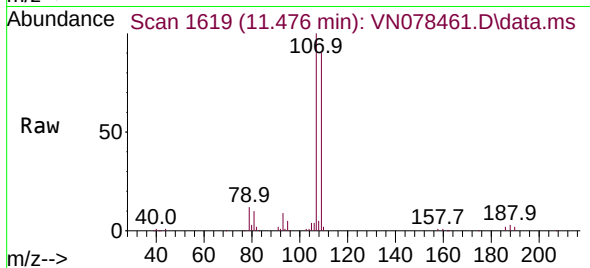
Tgt Ion:129 Resp: 123367
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.742 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

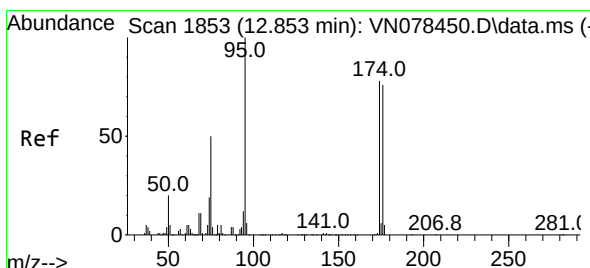
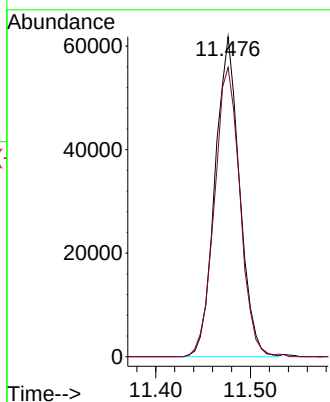
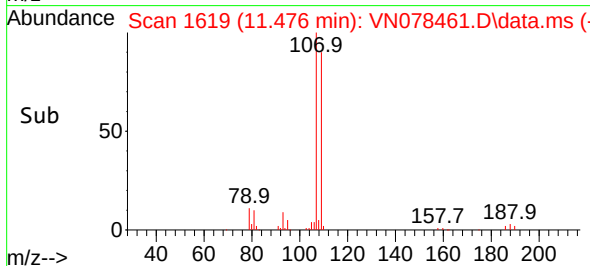
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



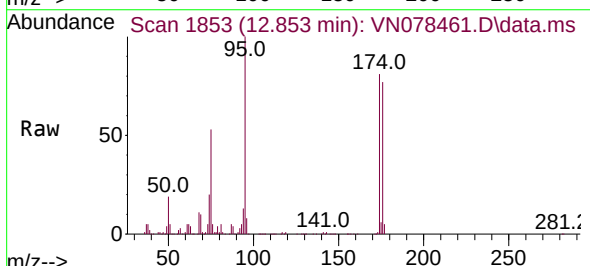
Tgt Ion:107 Resp: 111100
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

Manual Integrations
APPROVED

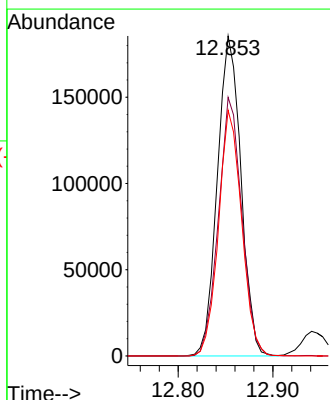
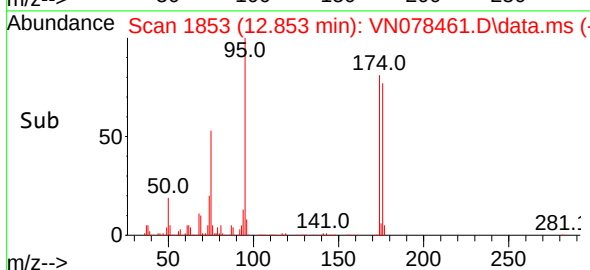
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

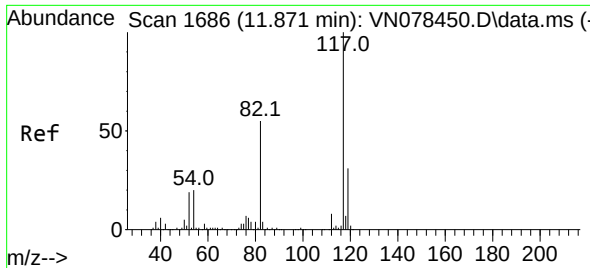


#62
4-Bromofluorobenzene
Concen: 50.139 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22



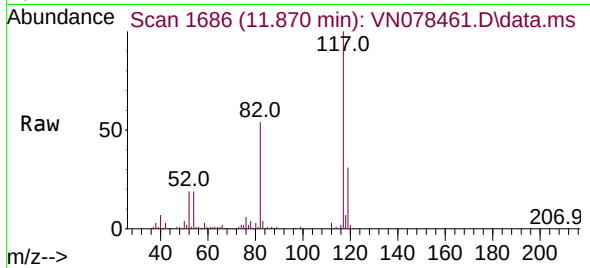
Tgt Ion: 95 Resp: 321419
Ion Ratio Lower Upper
95 100
174 80.2 0.0 143.8
176 75.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

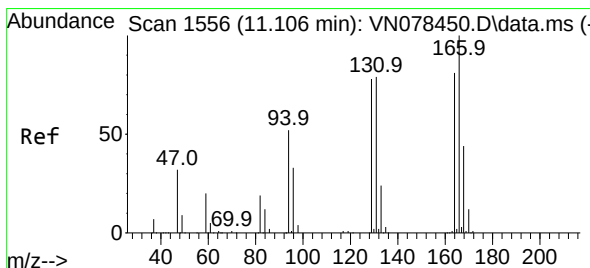
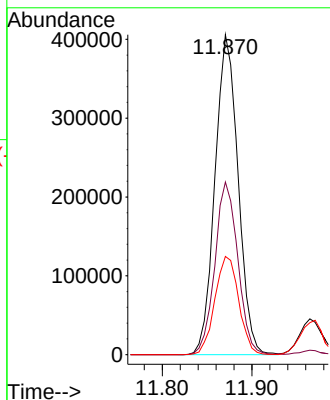
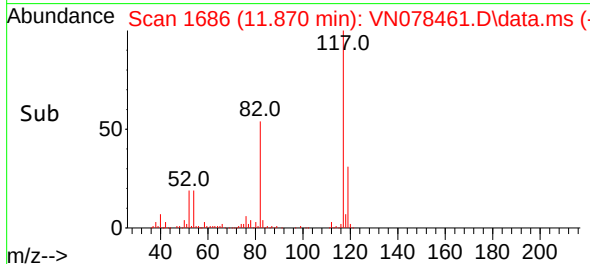
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion:117 Resp: 72568
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 30.7 25.6 38.4

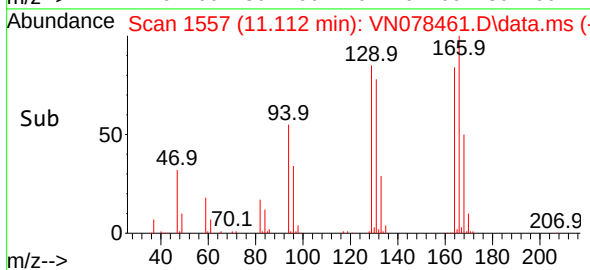
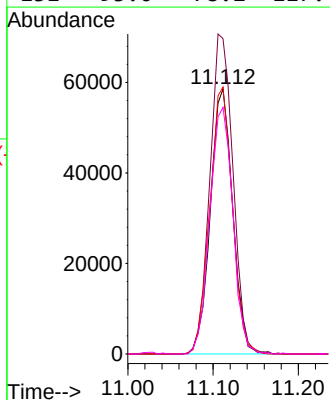
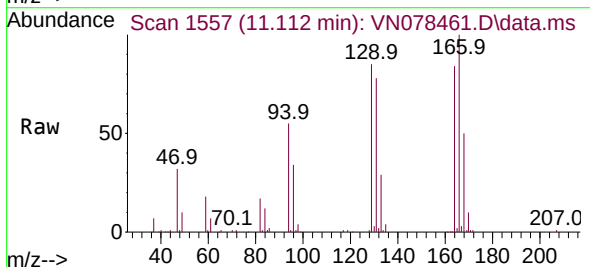
Manual Integrations
APPROVED

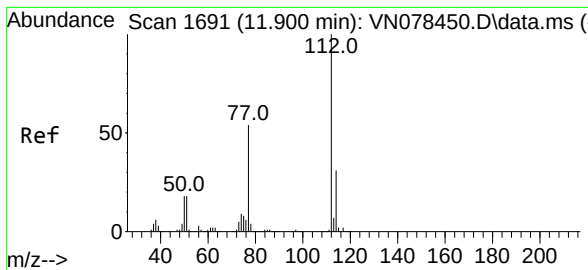
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#64
Tetrachloroethene
Concen: 19.503 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Tgt Ion:164 Resp: 106408
Ion Ratio Lower Upper
164 100
166 119.0 101.4 152.0
129 100.7 82.4 123.6
131 93.0 78.2 117.4





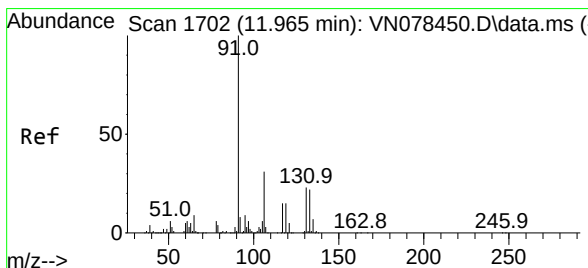
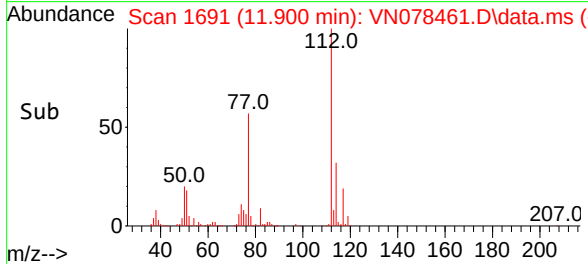
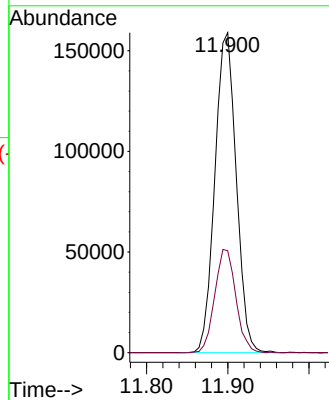
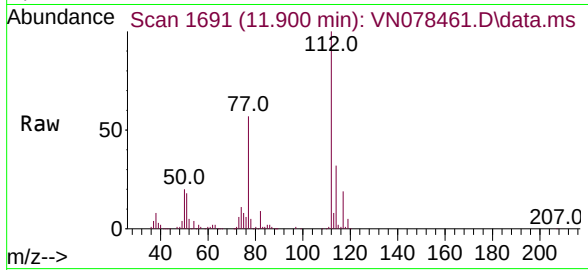
#65
Chlorobenzene
Concen: 17.932 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

Tgt Ion:112 Resp: 290870
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

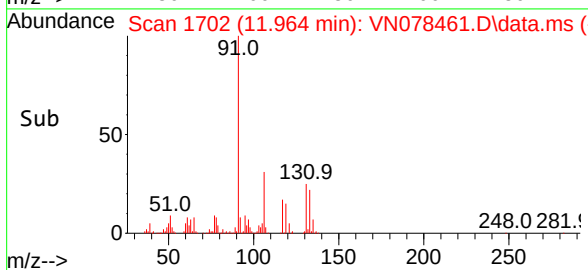
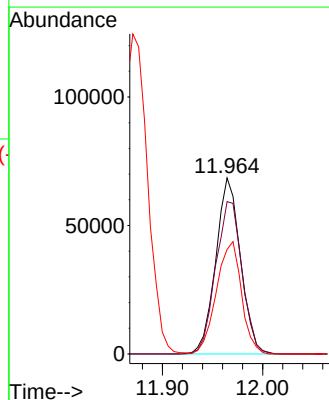
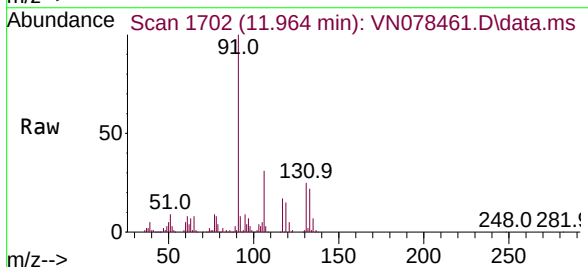
Manual Integrations
APPROVED

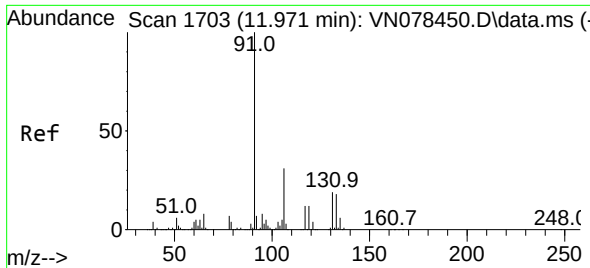
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.797 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

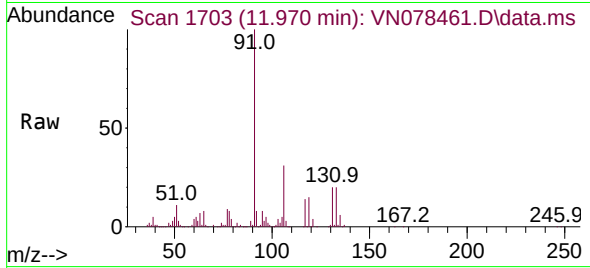
Tgt Ion:131 Resp: 117294
Ion Ratio Lower Upper
131 100
133 92.2 46.4 139.1
119 64.5 34.1 102.2





#67
Ethyl Benzene
Concen: 18.496 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

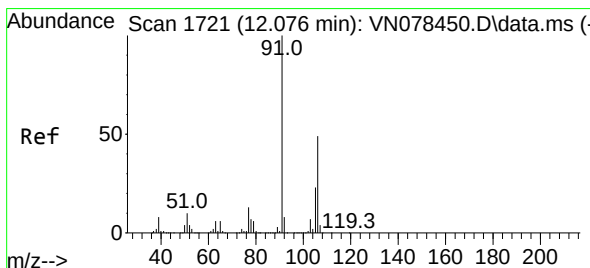
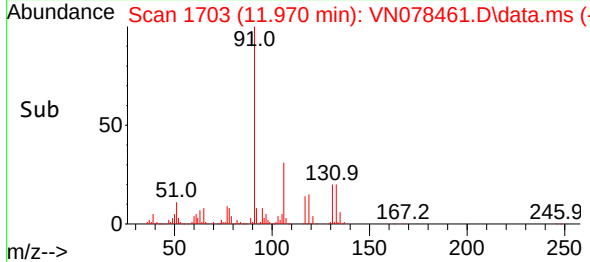
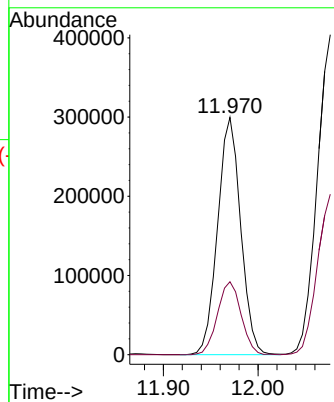
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 91 Resp: 507123
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

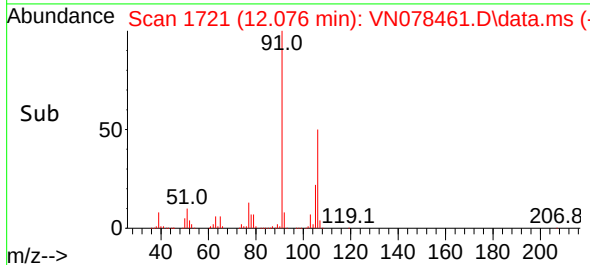
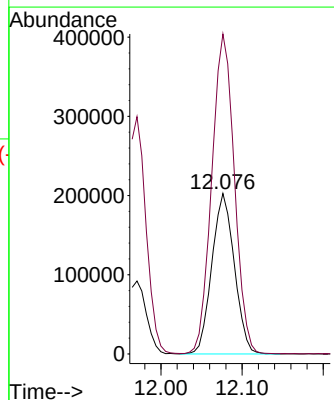
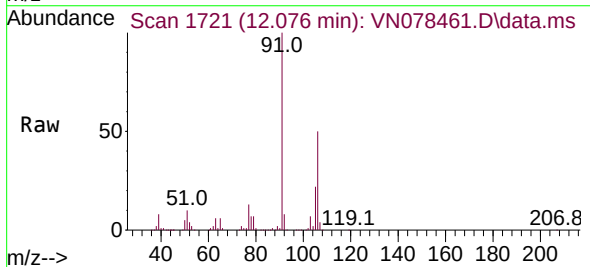
Manual Integrations
APPROVED

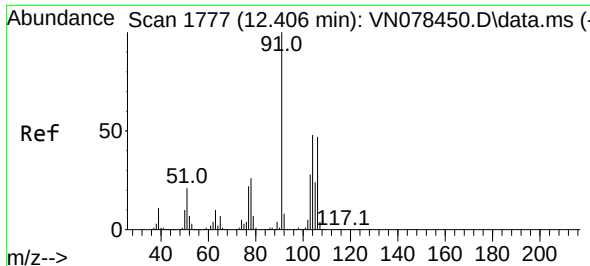
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#68
m/p-Xylenes
Concen: 38.427 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Tgt Ion:106 Resp: 389553
Ion Ratio Lower Upper
106 100
91 200.6 159.6 239.4





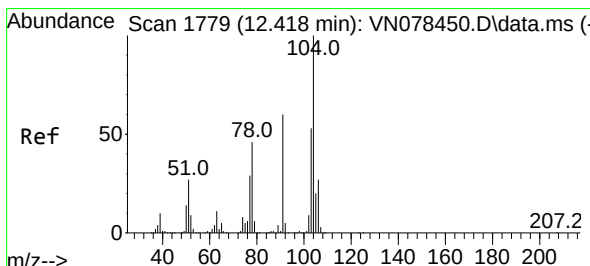
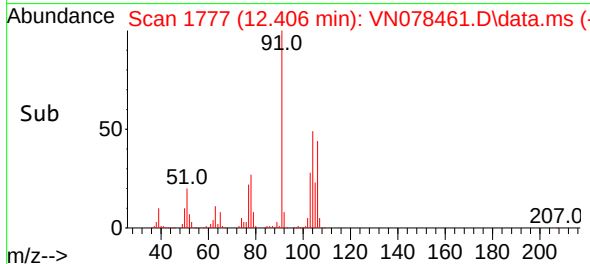
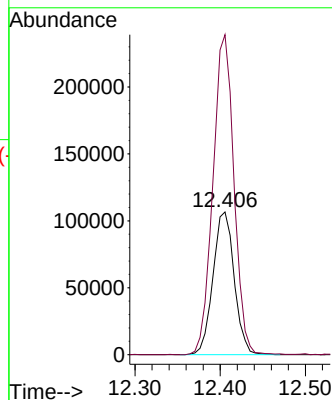
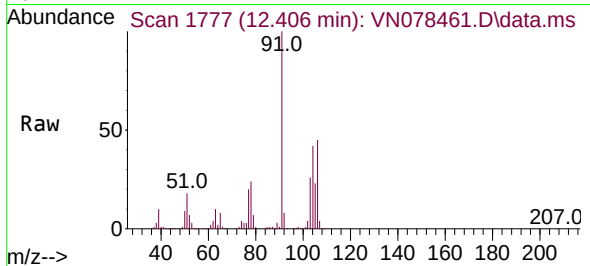
#69
o-Xylene
Concen: 18.014 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

Tgt Ion:106 Resp: 18445
Ion Ratio Lower Upper
106 100
91 222.2 105.2 315.5

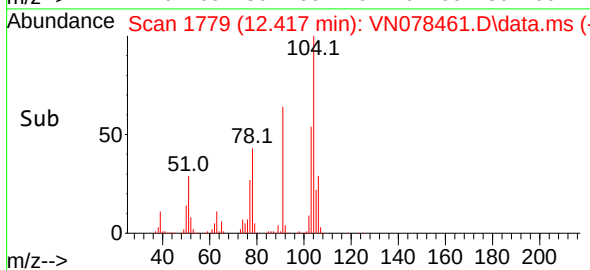
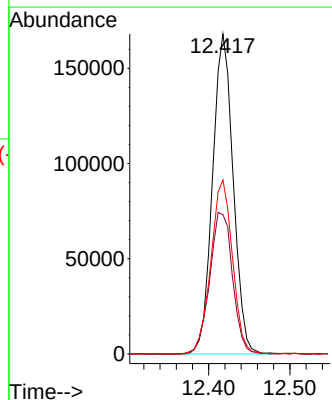
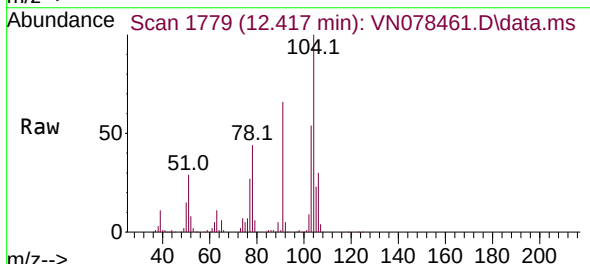
Manual Integrations
APPROVED

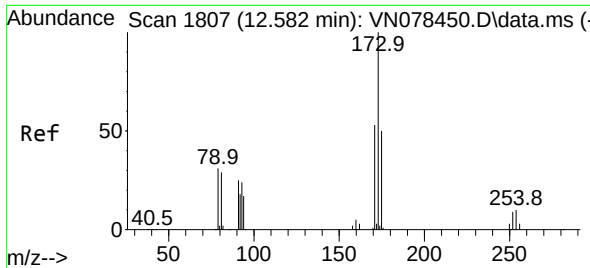
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#70
Styrene
Concen: 18.530 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

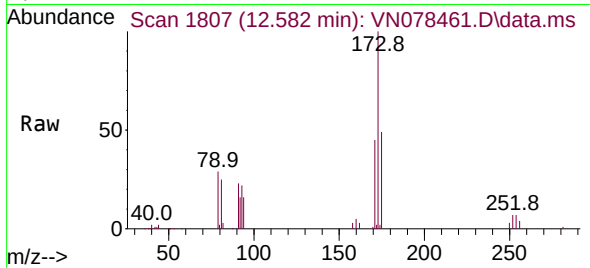
Tgt Ion:104 Resp: 296835
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 56.9 43.2 64.8





#71
Bromoform
Concen: 18.775 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

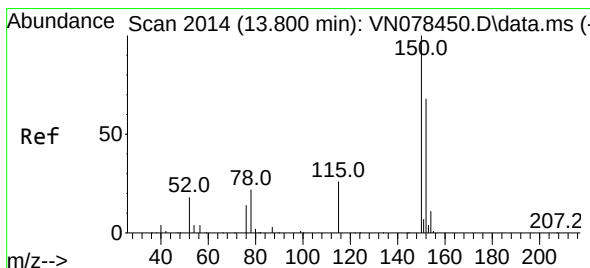
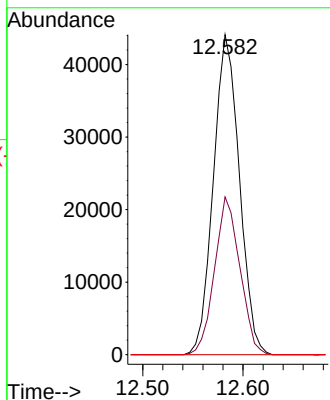
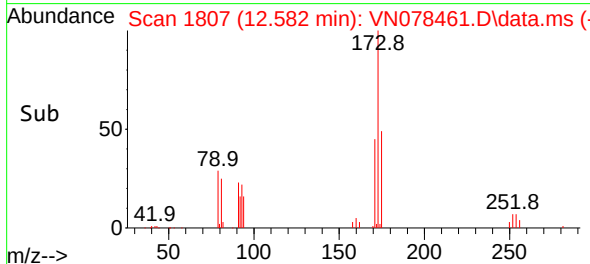
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



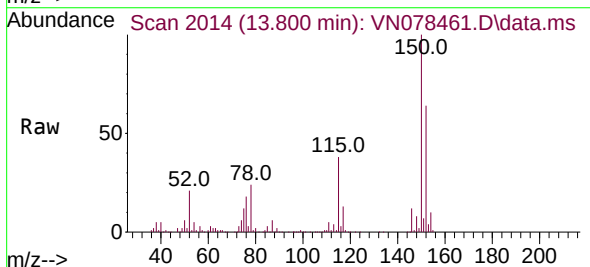
Tgt Ion:173 Resp: 79340
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

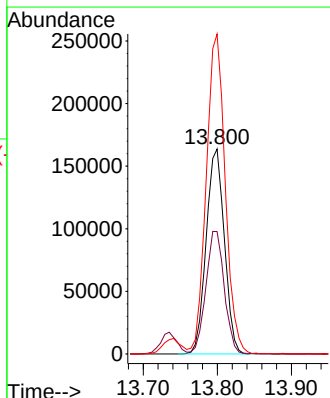
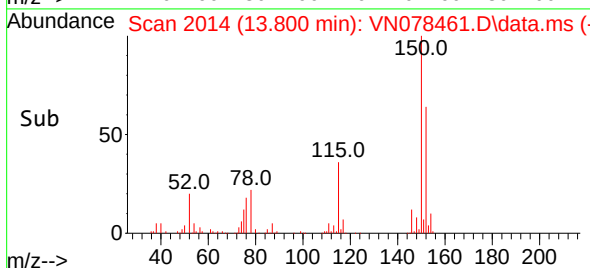
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

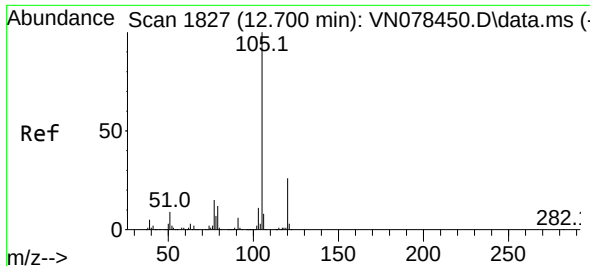


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22



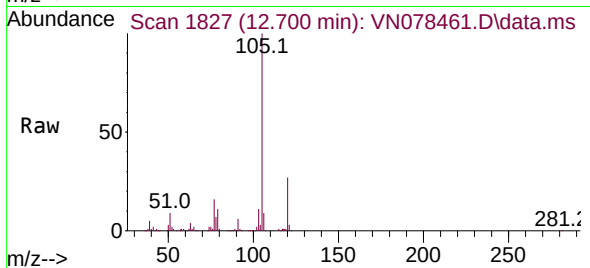
Tgt Ion:152 Resp: 279789
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 162.0 0.0 355.8





#73
Isopropylbenzene
Concen: 17.551 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

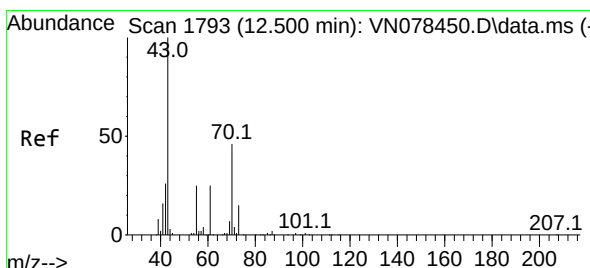
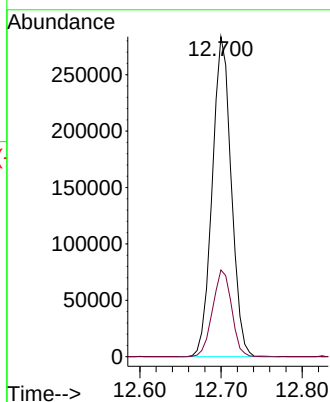
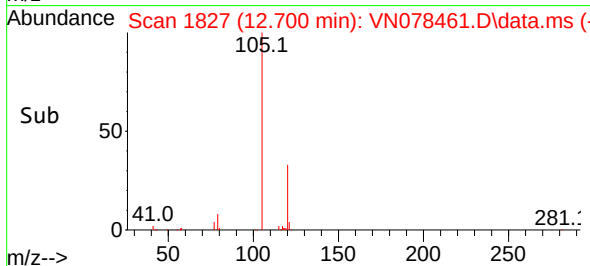
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



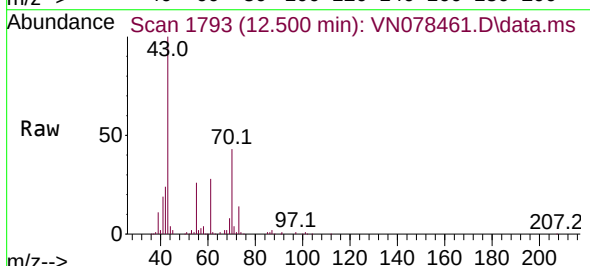
Tgt Ion:105 Resp: 461409
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

Manual Integrations
APPROVED

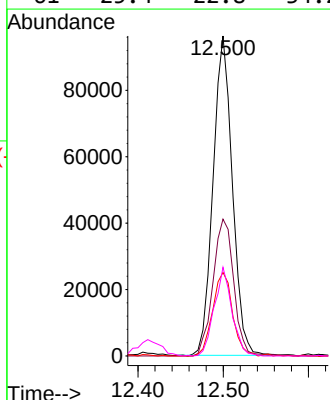
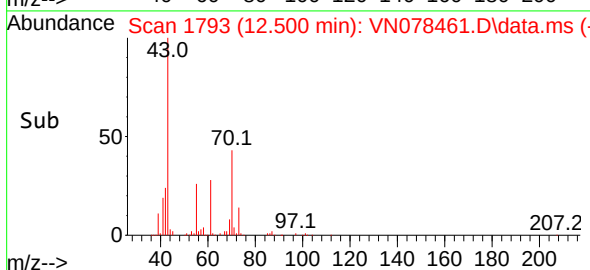
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

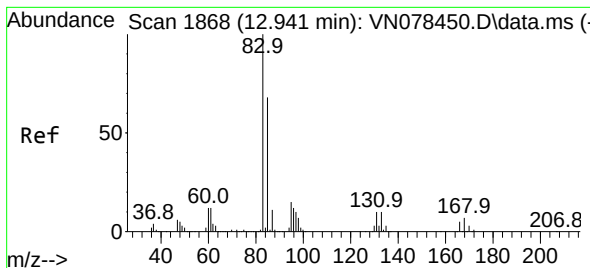


#74
N-ethyl acetate
Concen: 16.695 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22



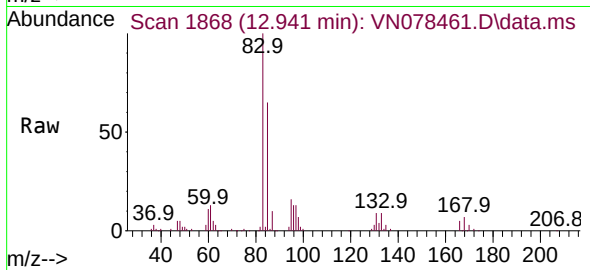
Tgt Ion: 43 Resp: 151259
Ion Ratio Lower Upper
43 100
70 46.2 43.4 65.2
55 27.0 21.4 32.0
61 25.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.964 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

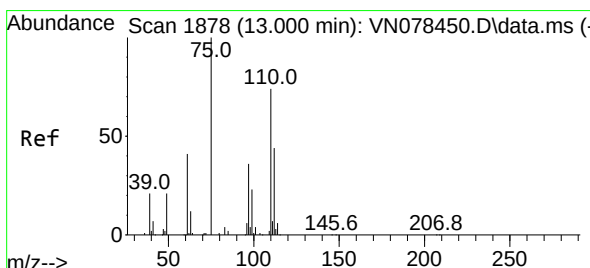
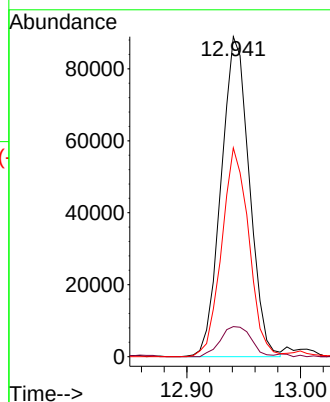
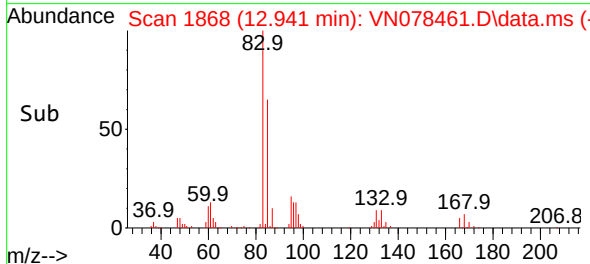
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



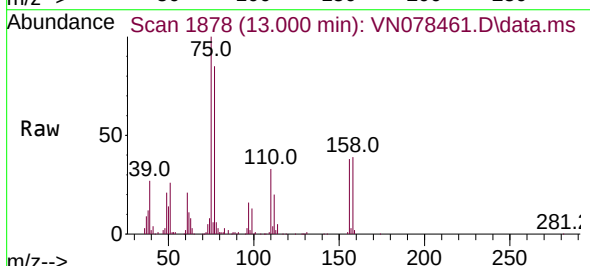
Tgt Ion: 83 Resp: 15337
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 62.9 31.9 95.7

Manual Integrations
APPROVED

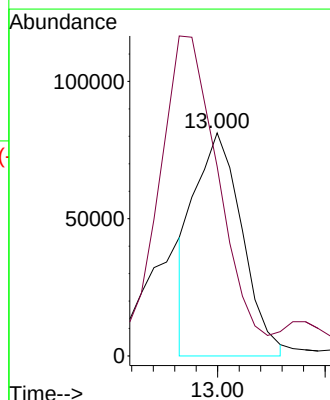
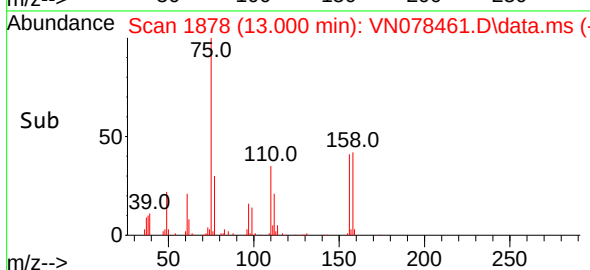
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

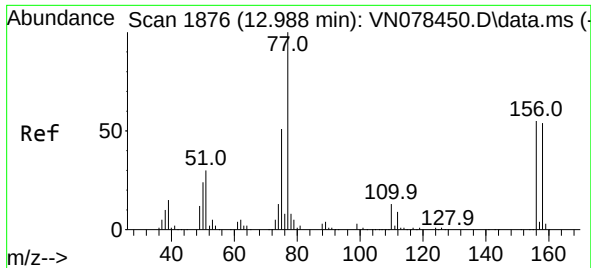


#76
1,2,3-Trichloropropane
Concen: 18.532 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22



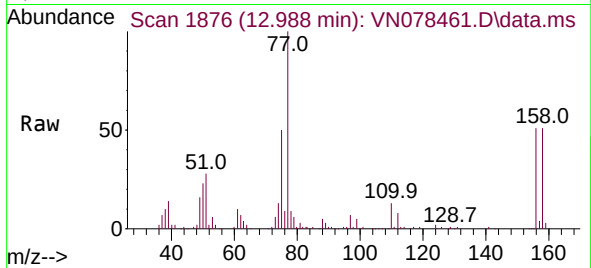
Tgt Ion: 75 Resp: 125328
Ion Ratio Lower Upper
75 100
77 182.5 84.5 253.5





#77
Bromobenzene
Concen: 18.666 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

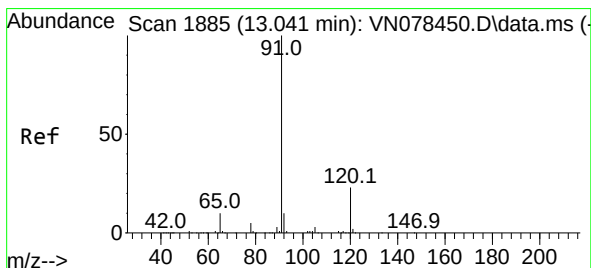
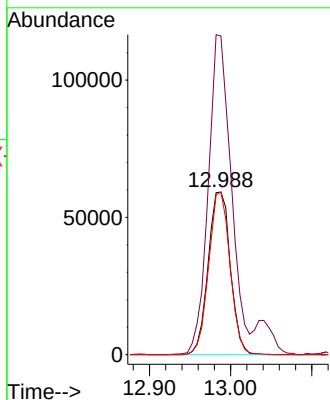
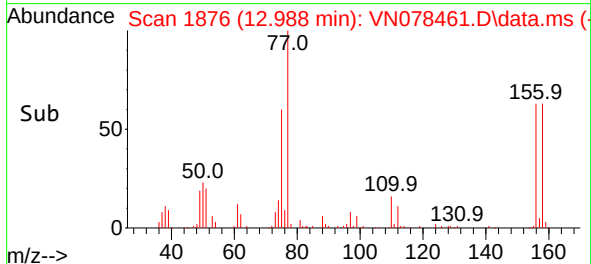
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



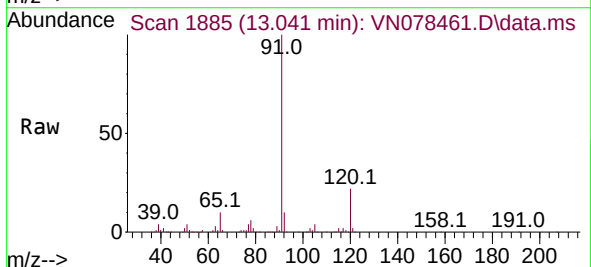
Tgt Ion:156 Resp: 112250
Ion Ratio Lower Upper
156 100
77 203.7 107.7 323.3
158 96.3 48.4 145.3

Manual Integrations
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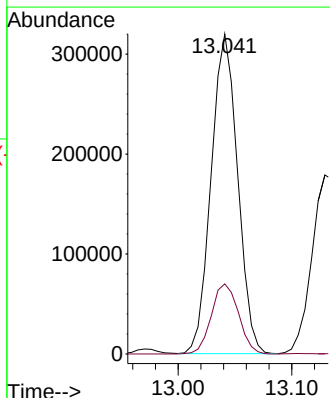
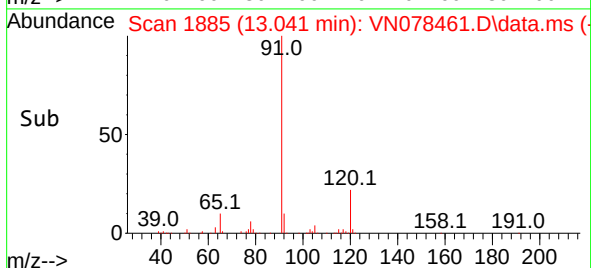
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

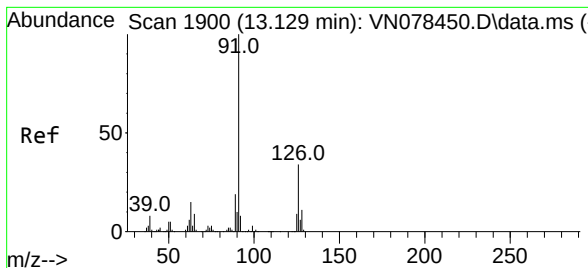


#78
n-propylbenzene
Concen: 18.422 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22



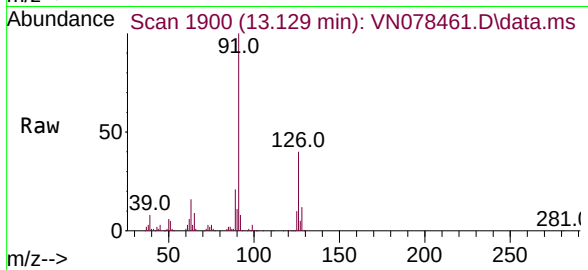
Tgt Ion: 91 Resp: 517945
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 17.578 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

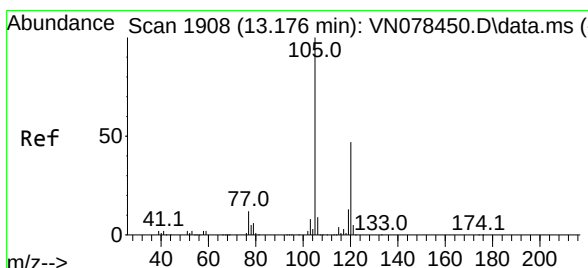
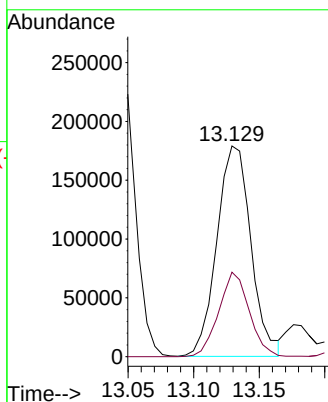
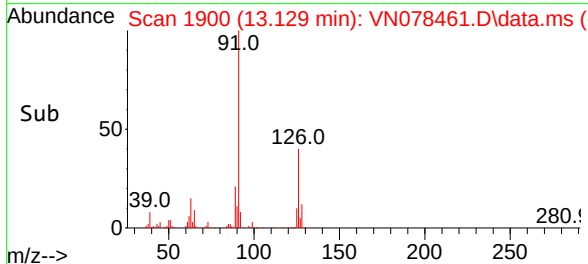
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 91 Resp: 323730
Ion Ratio Lower Upper
91 100
126 36.0 16.3 48.8

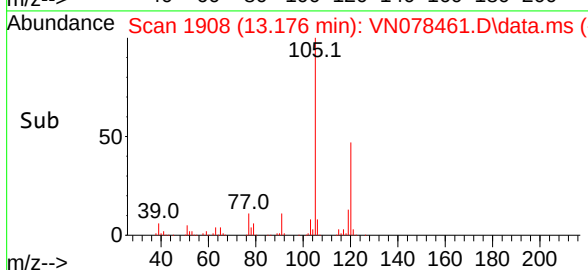
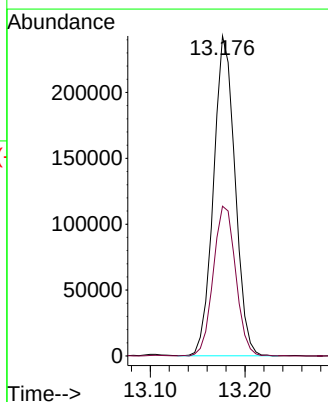
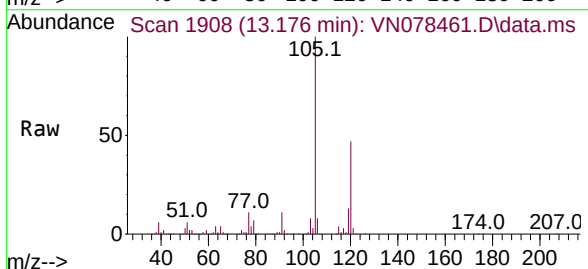
Manual Integrations
APPROVED

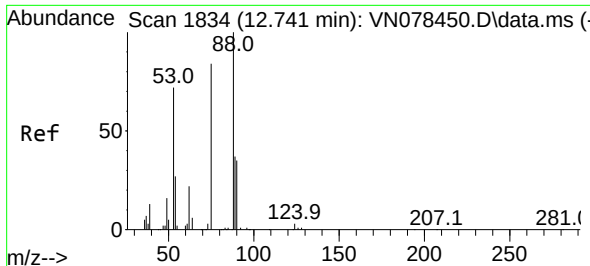
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.437 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

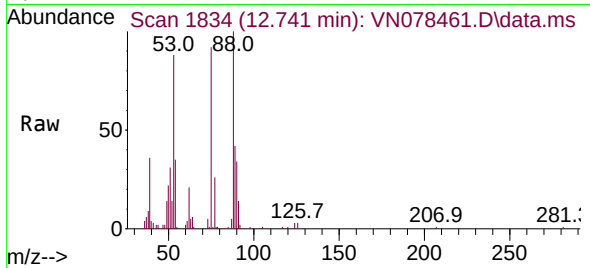
Tgt Ion:105 Resp: 382985
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.645 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

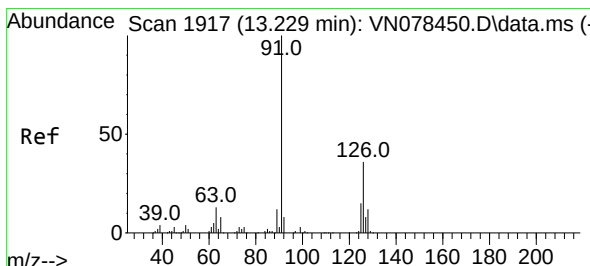
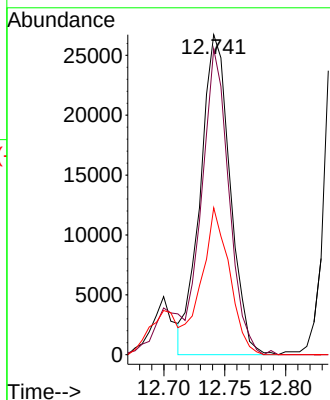
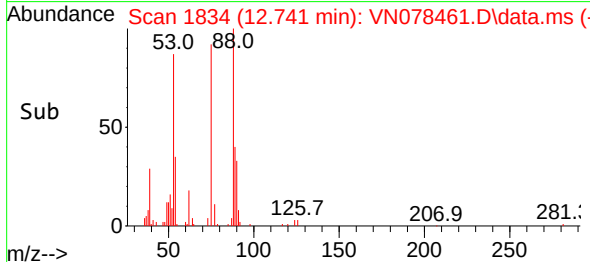
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 75 Resp: 4541
Ion Ratio Lower Upper
75 100
53 86.4 67.4 101.2
89 44.0 38.8 58.2

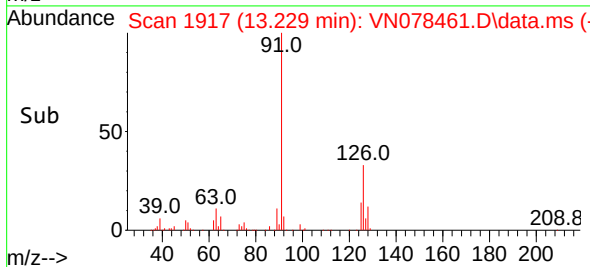
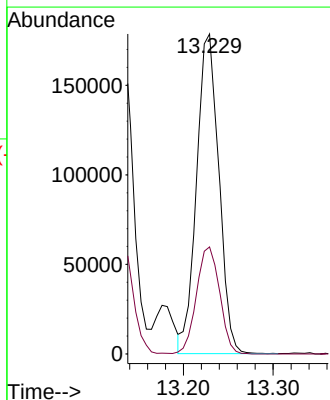
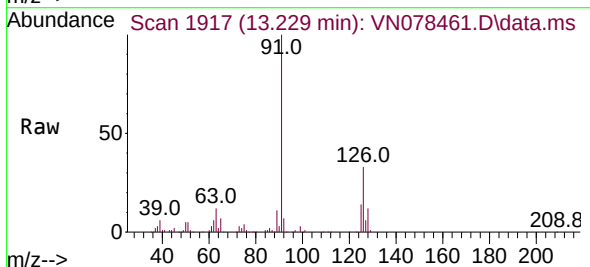
Manual Integrations
APPROVED

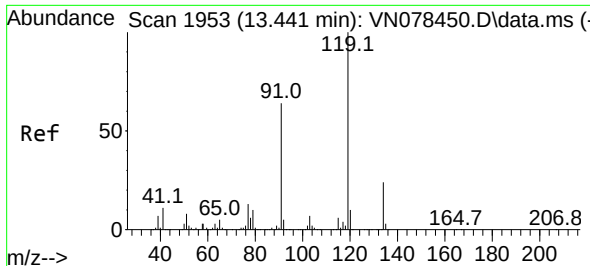
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#82
4-Chlorotoluene
Concen: 17.927 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

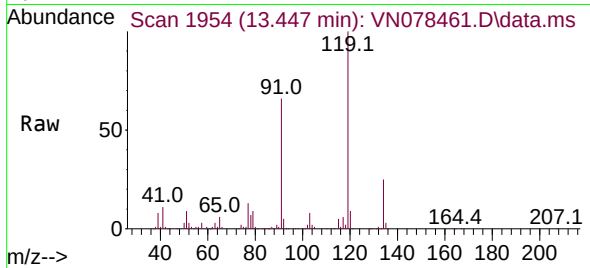
Tgt Ion: 91 Resp: 307992
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.637 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

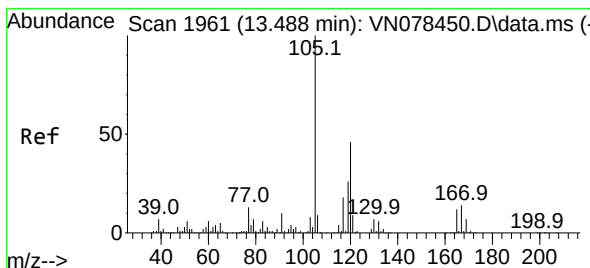
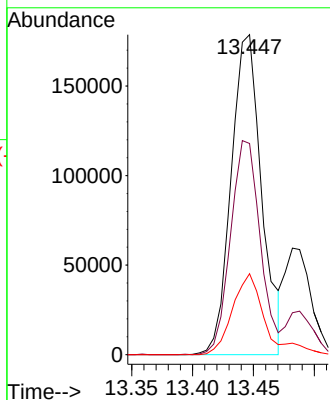
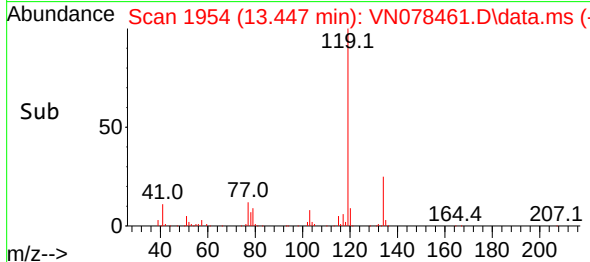
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion:119 Resp: 31104
Ion Ratio Lower Upper
119 100
91 65.4 33.9 101.7
134 27.1 13.2 39.6

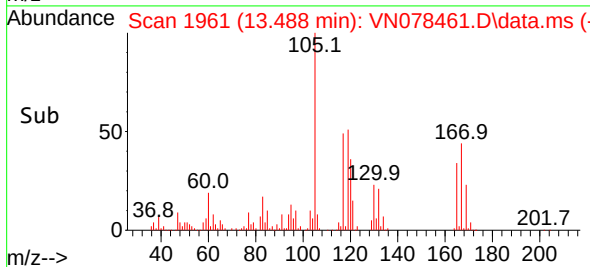
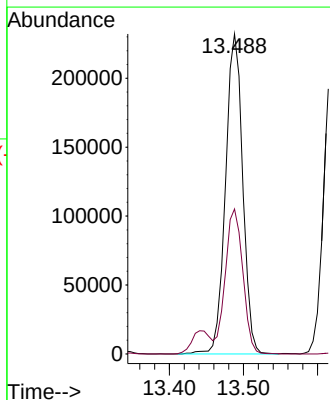
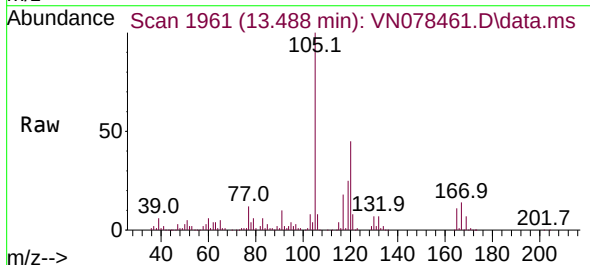
Manual Integrations
APPROVED

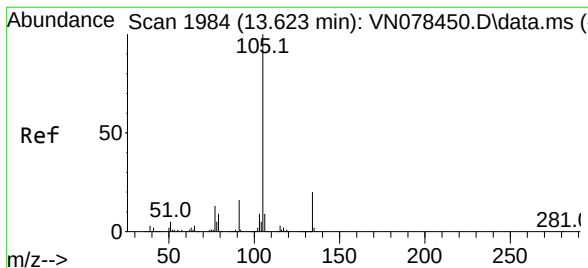
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.515 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

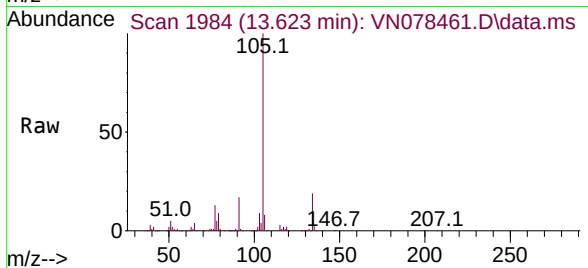
Tgt Ion:105 Resp: 373585
Ion Ratio Lower Upper
105 100
120 46.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.827 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078461.D
 Acq: 11 Jul 2023 13:22

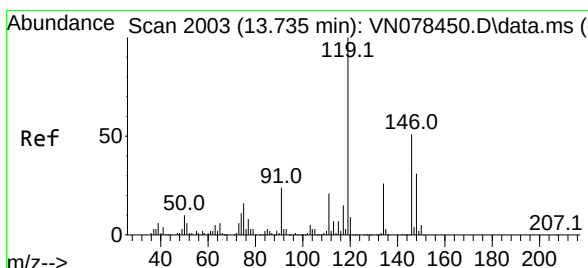
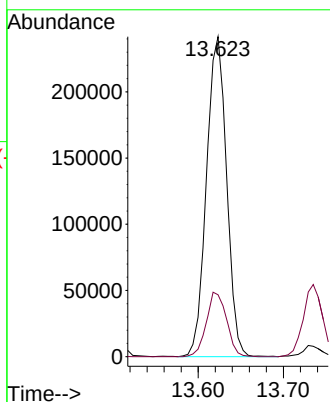
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01



Tgt Ion:105 Resp: 397398
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

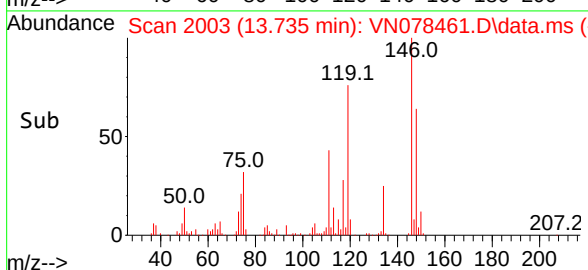
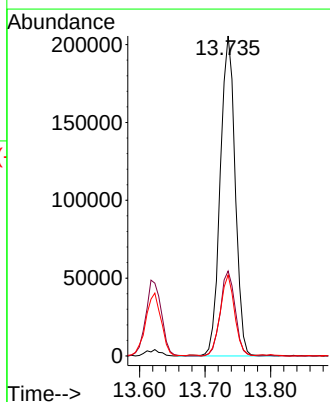
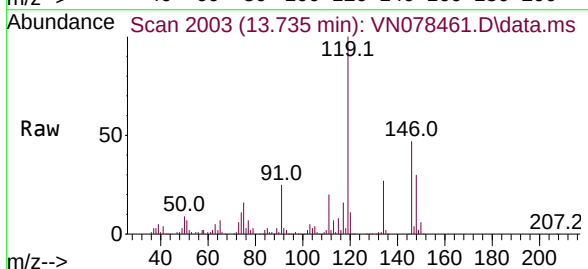
Manual Integrations
 APPROVED

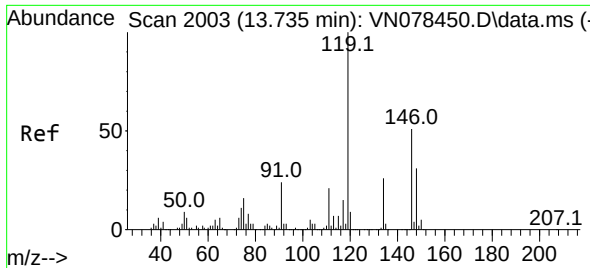
Reviewed By :John Carlone 07/12/2023
 Supervised By :Mahesh Dadoda 07/12/2023



#86
 p-Isopropyltoluene
 Concen: 18.066 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078461.D
 Acq: 11 Jul 2023 13:22

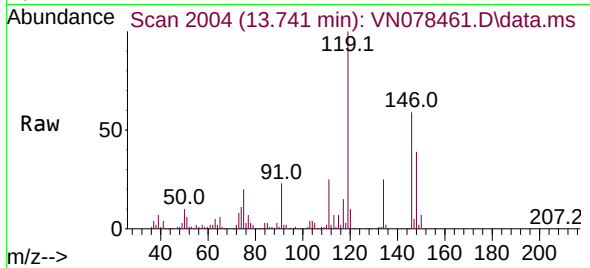
Tgt Ion:119 Resp: 323366
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 24.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.902 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

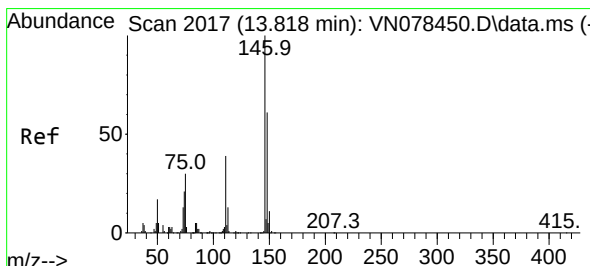
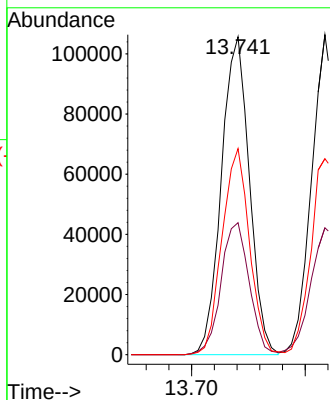
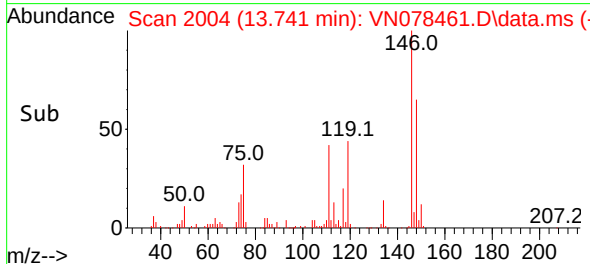
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion:146 Resp: 18068
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.3
148 63.8 32.0 96.0

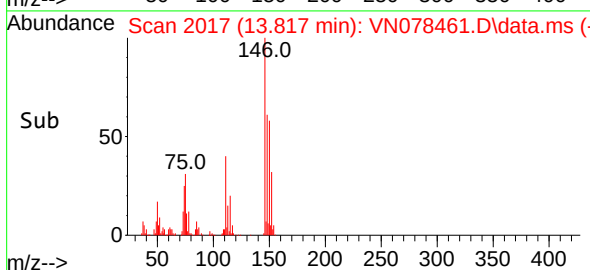
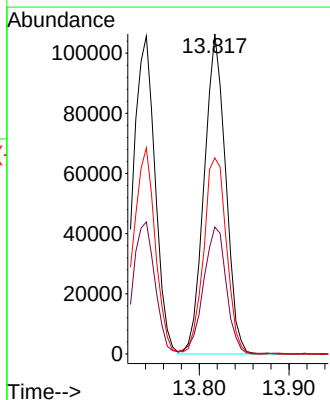
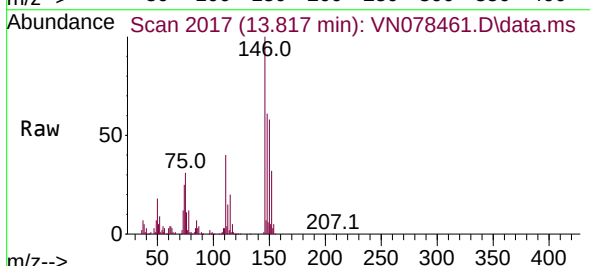
Manual Integrations
APPROVED

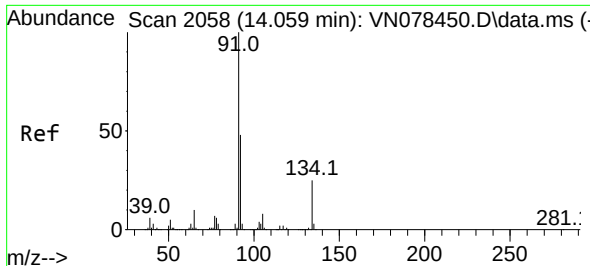
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#88
1,4-Dichlorobenzene
Concen: 17.391 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

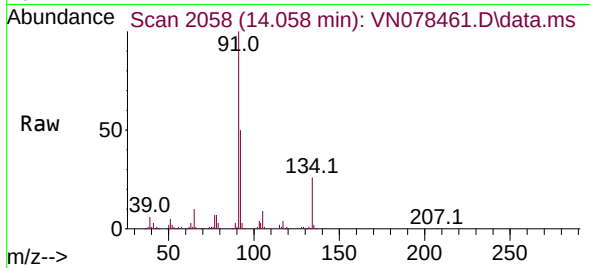
Tgt Ion:146 Resp: 176789
Ion Ratio Lower Upper
146 100
111 42.2 20.6 61.8
148 65.0 31.6 94.8





#89
n-Butylbenzene
Concen: 18.246 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.001 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

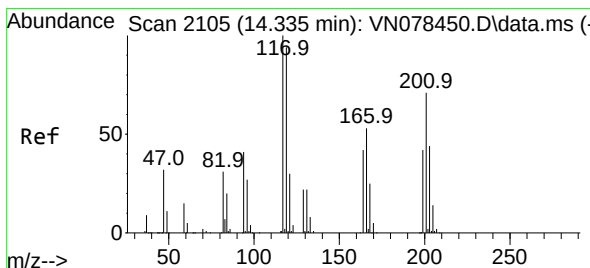
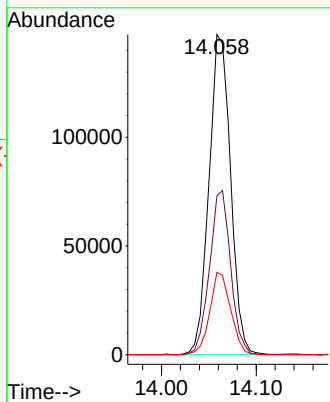
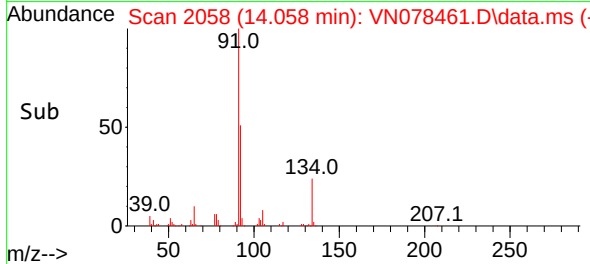
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion: 91 Resp: 233680
Ion Ratio Lower Upper
91 100
92 50.1 26.4 79.0
134 24.9 12.6 37.6

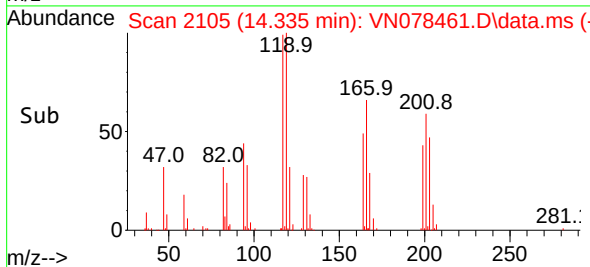
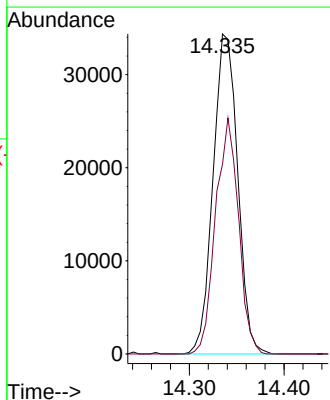
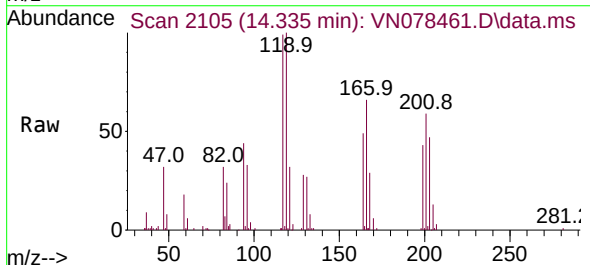
Manual Integrations
APPROVED

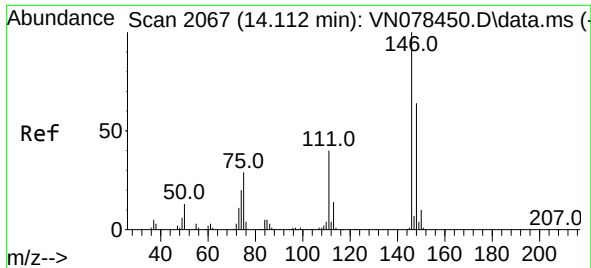
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#90
Hexachloroethane
Concen: 18.381 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

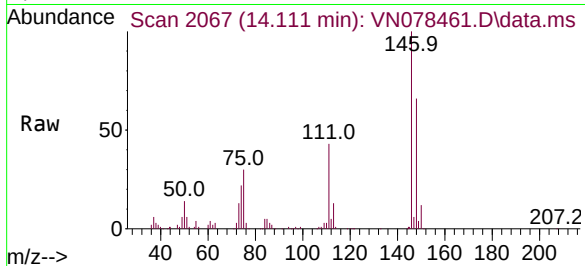
Tgt Ion:117 Resp: 62169
Ion Ratio Lower Upper
117 100
201 68.6 29.3 88.0





#91
 1,2-Dichlorobenzene
 Concen: 17.825 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. -0.001 min
 Lab File: VN078461.D
 Acq: 11 Jul 2023 13:22

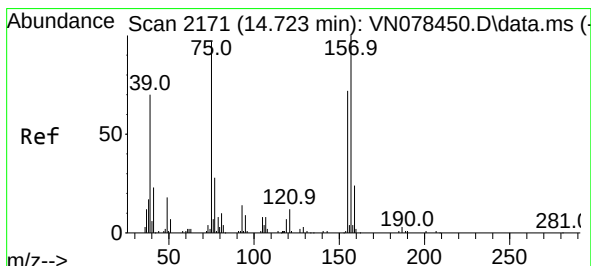
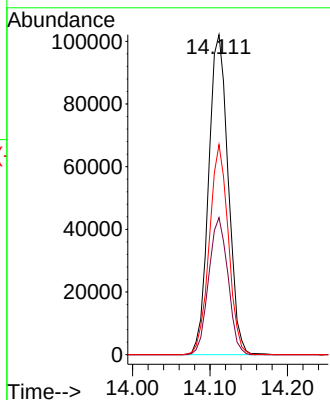
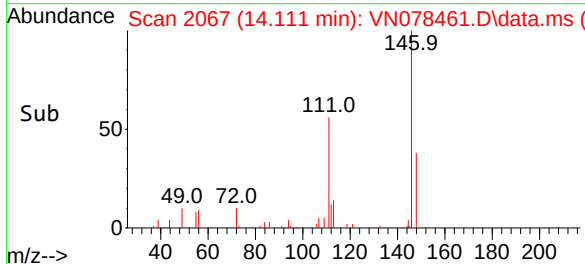
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01



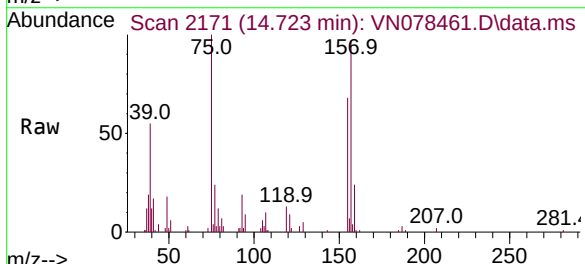
Tgt Ion:146 Resp: 179038
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.0 66.0
 148 64.0 31.8 95.3

Manual Integrations
 APPROVED

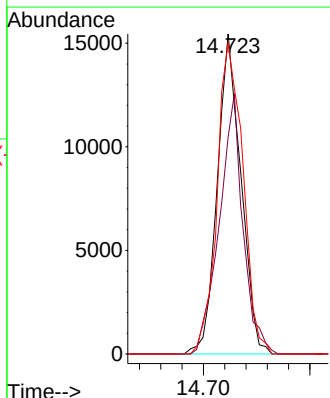
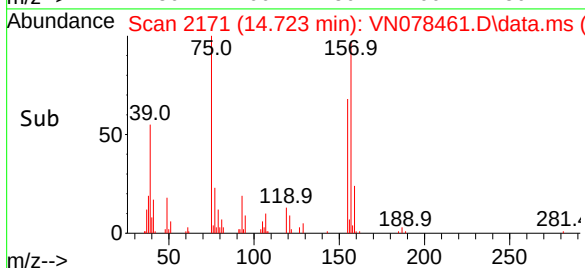
Reviewed By :John Carlone 07/12/2023
 Supervised By :Mahesh Dadoda 07/12/2023

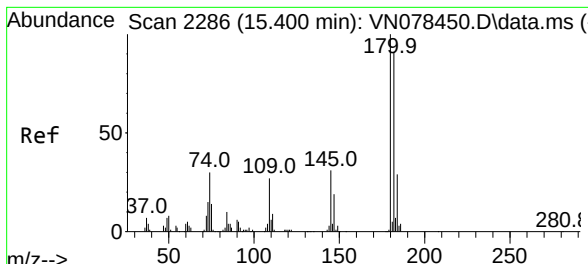


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.608 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078461.D
 Acq: 11 Jul 2023 13:22



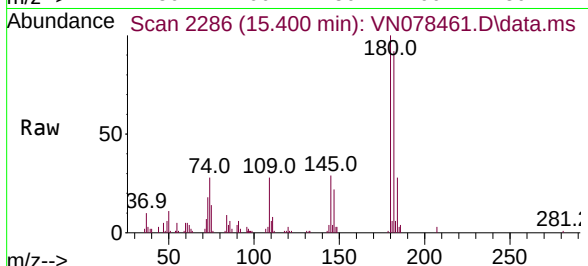
Tgt Ion: 75 Resp: 23727
 Ion Ratio Lower Upper
 75 100
 155 81.5 39.1 117.2
 157 106.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 14.276 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

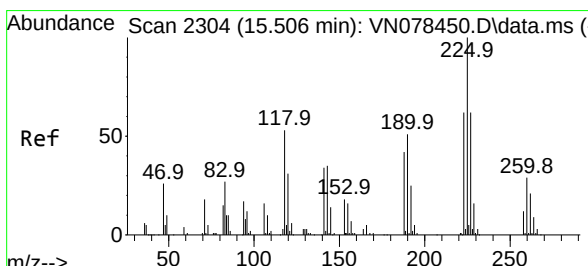
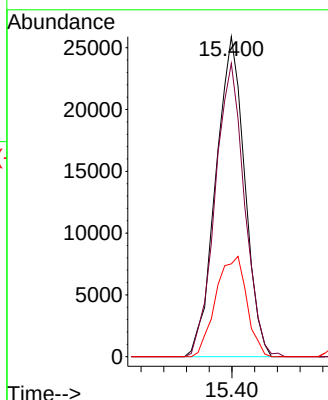
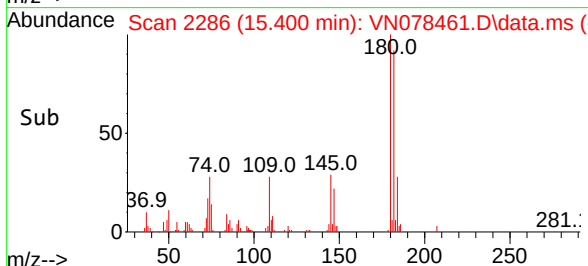
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



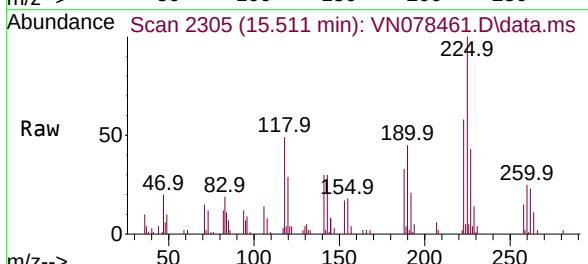
Tgt Ion:180 Resp: 45762
Ion Ratio Lower Upper
180 100
182 92.9 46.1 138.2
145 33.4 16.6 49.8

Manual Integrations
APPROVED

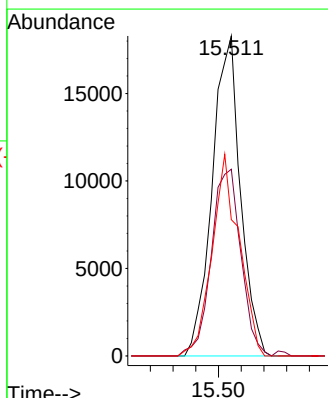
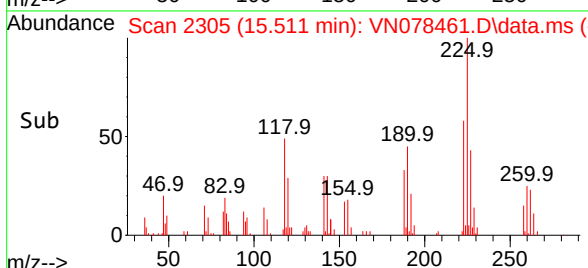
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

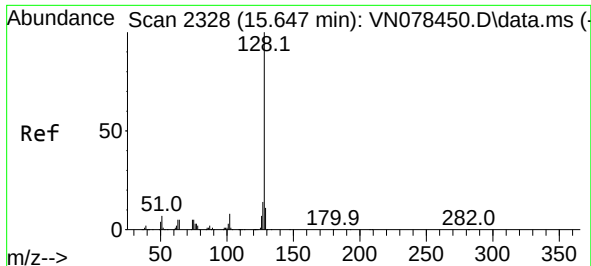


#94
Hexachlorobutadiene
Concen: 16.285 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22



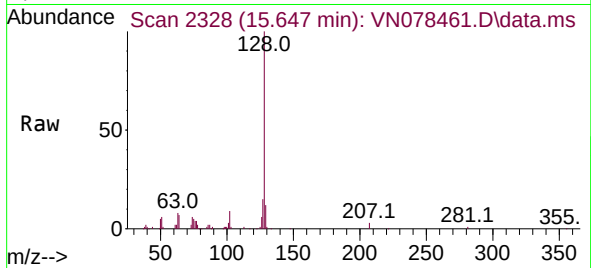
Tgt Ion:225 Resp: 31634
Ion Ratio Lower Upper
225 100
223 61.2 31.3 93.8
227 60.2 31.9 95.9





#95
Naphthalene
Concen: 12.494 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

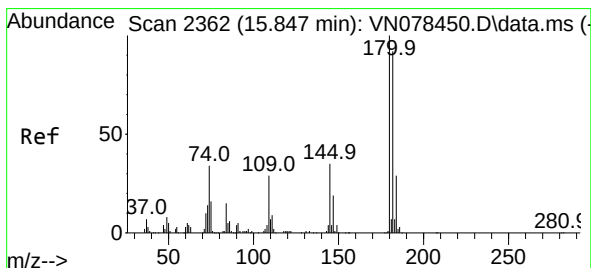
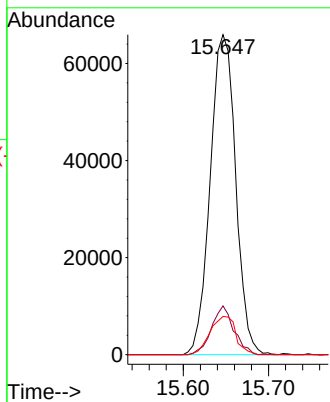
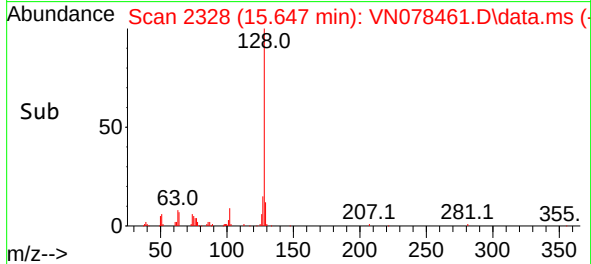
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01



Tgt Ion:128 Resp: 13692
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 12.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 14.785 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078461.D
Acq: 11 Jul 2023 13:22

Tgt Ion:180 Resp: 54495
Ion Ratio Lower Upper
180 100
182 94.2 46.2 138.6
145 32.6 17.5 52.6

