

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078574.D
 Acq On : 19 Jul 2023 12:25
 Operator : JC\MD
 Sample : VN0719WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/20/2023
 Supervised By : Mahesh Dadoda 07/20/2023

Quant Time: Jul 20 01:30:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	445459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	769527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	670391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	265040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	315862	52.892	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.780%			
35) Dibromofluoromethane	8.177	113	272925	52.247	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.500%			
50) Toluene-d8	10.571	98	994833	50.412	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.820%			
62) 4-Bromofluorobenzene	12.853	95	300833	49.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	92856	17.002	ug/l	99
3) Chloromethane	2.371	50	114750	19.330	ug/l	98
4) Vinyl Chloride	2.518	62	140426	18.287	ug/l	98
5) Bromomethane	2.959	94	101648	17.717	ug/l	97
6) Chloroethane	3.124	64	88461	17.806	ug/l	98
7) Trichlorofluoromethane	3.501	101	169087	18.420	ug/l	94
8) Diethyl Ether	3.971	74	58705	19.195	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.389	101	95156	19.582	ug/l	99
10) Methyl Iodide	4.595	142	122929	18.410	ug/l	97
11) Tert butyl alcohol	5.536	59	88013	95.575	ug/l	99
12) 1,1-Dichloroethene	4.353	96	88169	18.758	ug/l	93
13) Acrolein	4.195	56	86388	95.349	ug/l	96
14) Allyl chloride	5.030	41	112130	17.458	ug/l	93
15) Acrylonitrile	5.724	53	228719	98.302	ug/l	100
16) Acetone	4.442	43	178734	96.082	ug/l	98
17) Carbon Disulfide	4.724	76	208220	15.319	ug/l #	94
18) Methyl Acetate	5.042	43	157890	20.050	ug/l #	88
19) Methyl tert-butyl Ether	5.806	73	300049	19.374	ug/l	94
20) Methylene Chloride	5.289	84	109664	19.814	ug/l #	88
21) trans-1,2-Dichloroethene	5.800	96	93833	17.715	ug/l	90
22) Diisopropyl ether	6.683	45	293181	20.386	ug/l #	94
23) Vinyl Acetate	6.612	43	884966	96.792	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	187564	19.355	ug/l	99
25) 2-Butanone	7.489	43	280955	95.946	ug/l	89
26) 2,2-Dichloropropane	7.494	77	152623	19.256	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	115528	18.854	ug/l	90
28) Bromochloromethane	7.824	49	99229	21.740	ug/l	94
29) Tetrahydrofuran	7.847	42	175724	91.455	ug/l	89
30) Chloroform	7.977	83	206426	20.460	ug/l	95
31) Cyclohexane	8.259	56	138592	17.172	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	176738	19.539	ug/l	98
36) 1,1-Dichloropropene	8.377	75	135648	17.984	ug/l	98
37) Ethyl Acetate	7.571	43	119378	18.986	ug/l	97
38) Carbon Tetrachloride	8.371	117	157743	19.242	ug/l	97
39) Methylcyclohexane	9.606	83	125639	18.248	ug/l	91
40) Benzene	8.618	78	431809	19.324	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	67323	21.003	ug/l	90
42) 1,2-Dichloroethane	8.677	62	152011	20.000	ug/l	99
43) Isopropyl Acetate	8.700	43	213937	20.666	ug/l #	94
44) Trichloroethene	9.359	130	110700	18.381	ug/l	98
45) 1,2-Dichloropropane	9.630	63	116042	20.504	ug/l	100
46) Dibromomethane	9.718	93	79920	20.063	ug/l	91
47) Bromodichloromethane	9.894	83	162755	20.383	ug/l	98
48) Methyl methacrylate	9.688	41	94543	19.713	ug/l	88
49) 1,4-Dioxane	9.700	88	37182	355.501	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	622566	101.108	ug/l	93
52) Toluene	10.635	92	268525	19.389	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	173669	21.230	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	176846	20.281	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	113840	20.863	ug/l	95
56) Ethyl methacrylate	10.882	69	164675	21.589	ug/l #	91
57) 1,3-Dichloropropane	11.165	76	186559	20.108	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	256313	94.291	ug/l	93
59) 2-Hexanone	11.200	43	433317	99.018	ug/l	90
60) Dibromochloromethane	11.365	129	126080	20.930	ug/l	99
61) 1,2-Dibromoethane	11.476	107	112476	20.010	ug/l	97
64) Tetrachloroethene	11.106	164	88825	17.623	ug/l	98
65) Chlorobenzene	11.900	112	286812	19.140	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	114721	19.901	ug/l	95
67) Ethyl Benzene	11.971	91	490595	19.369	ug/l	99
68) m/p-Xylenes	12.076	106	378458	40.412	ug/l	100
69) o-Xylene	12.400	106	184517	19.507	ug/l	98
70) Styrene	12.418	104	294181	19.879	ug/l	98
71) Bromoform	12.582	173	77919	19.958	ug/l #	97
73) Isopropylbenzene	12.700	105	463747	18.621	ug/l	100
74) N-amyl acetate	12.500	43	155106	18.072	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	157960	20.907	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	123620m	19.297	ug/l	
77) Bromobenzene	12.982	156	111356	19.622	ug/l	97
78) n-propylbenzene	13.041	91	510279	19.159	ug/l	100
79) 2-Chlorotoluene	13.129	91	322352	18.478	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	382918	19.460	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	42222	17.319	ug/l	93
82) 4-Chlorotoluene	13.223	91	307015	18.865	ug/l	99
83) tert-Butylbenzene	13.441	119	318493	19.064	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	365958	19.147	ug/l	100
85) sec-Butylbenzene	13.623	105	401459	19.012	ug/l	100
86) p-Isopropyltoluene	13.735	119	321962	18.988	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	185087	19.359	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	176968	18.377	ug/l	99
89) n-Butylbenzene	14.059	91	237483	19.575	ug/l	95
90) Hexachloroethane	14.335	117	65940	20.680	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	181985	19.127	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25081	19.880	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	48124	15.848	ug/l	98
94) Hexachlorobutadiene	15.500	225	32636	18.138	ug/l	99
95) Naphthalene	15.647	128	138658	13.357	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	54789	15.692	ug/l	95

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ClientSampleId :
VN0719WBS01

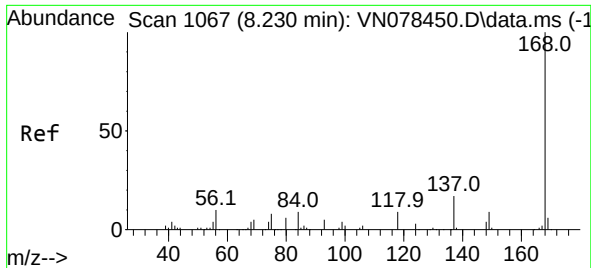
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/20/2023

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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



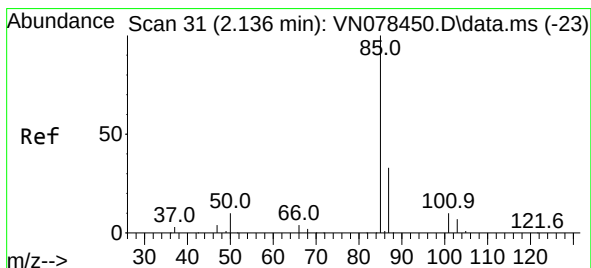
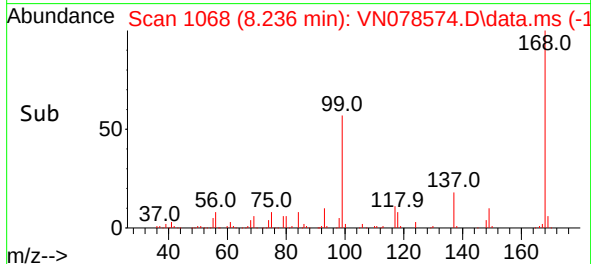
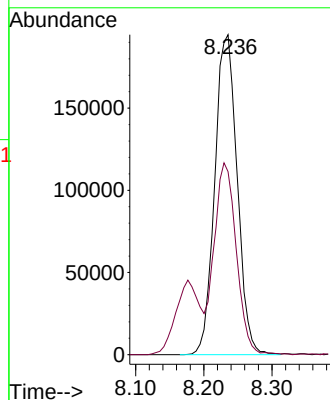
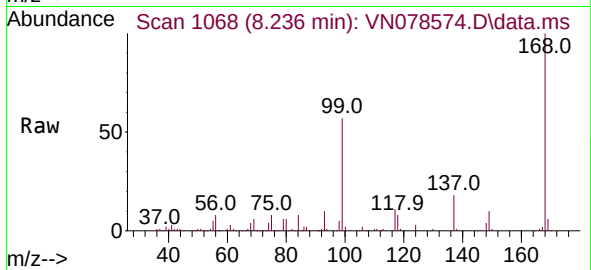
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078574.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion:168 Resp: 445459
Ion Ratio Lower Upper
168 100
99 56.9 53.0 79.6

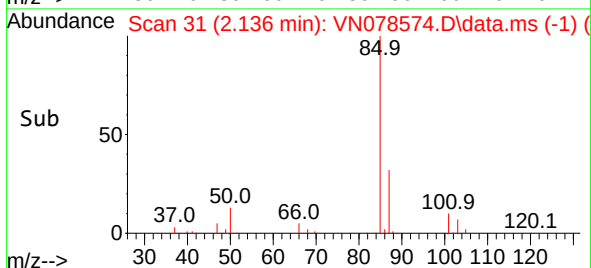
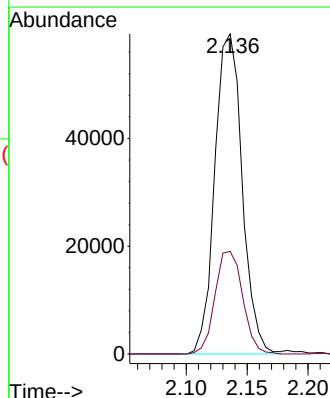
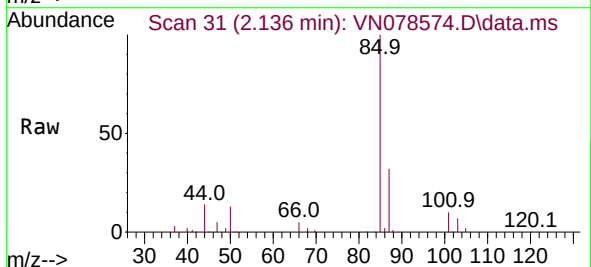
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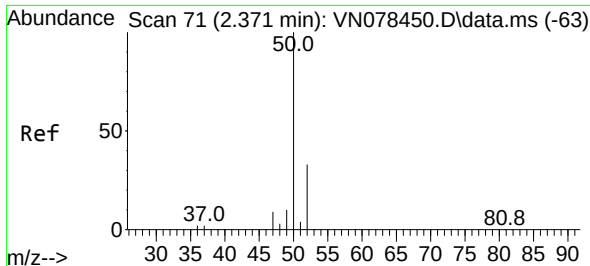
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#2
Dichlorodifluoromethane
Concen: 17.002 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

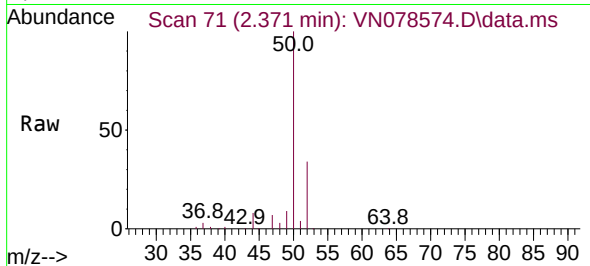
Tgt Ion: 85 Resp: 92856
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4





#3
Chloromethane
Concen: 19.330 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

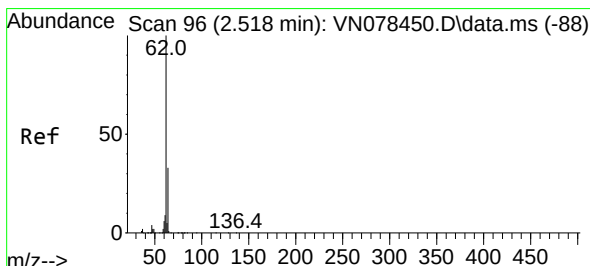
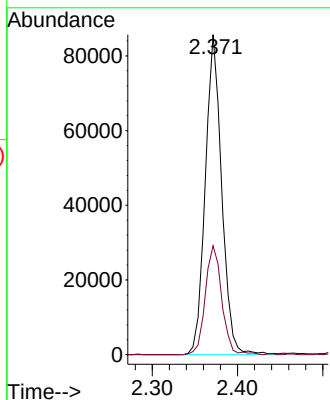
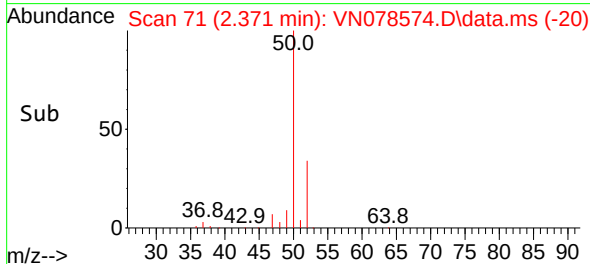
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VN0719WBS01



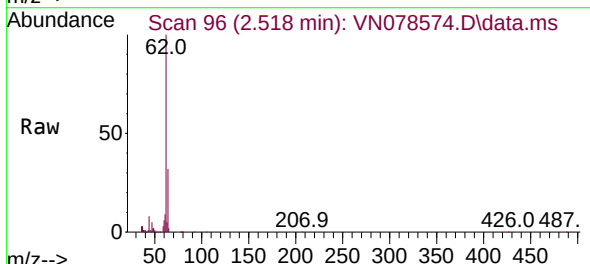
Tgt Ion: 50 Resp: 114750
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7

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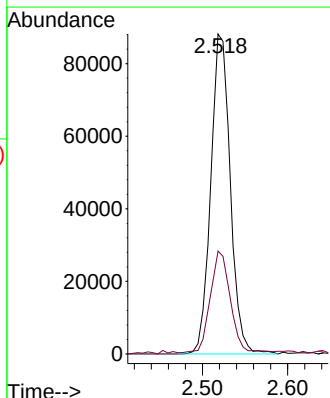
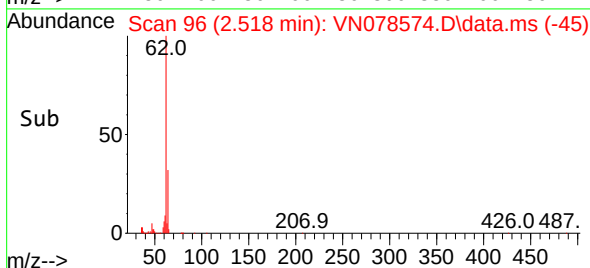
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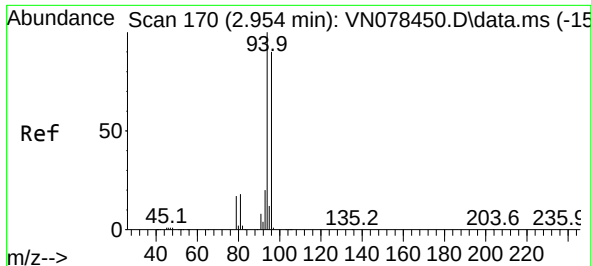


#4
Vinyl Chloride
Concen: 18.287 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25



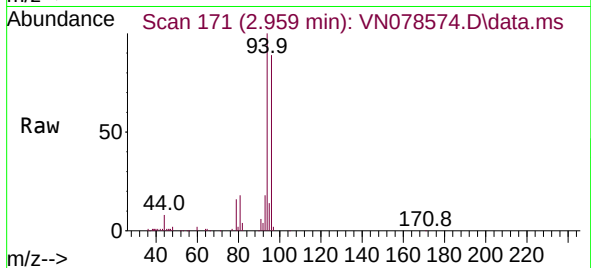
Tgt Ion: 62 Resp: 140426
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





#5
Bromomethane
Concen: 17.717 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

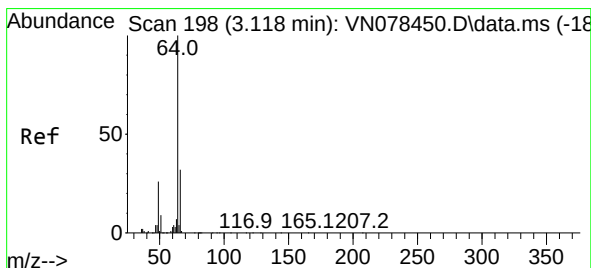
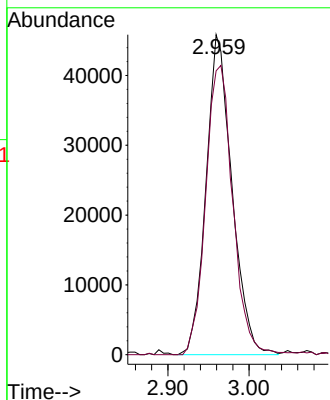
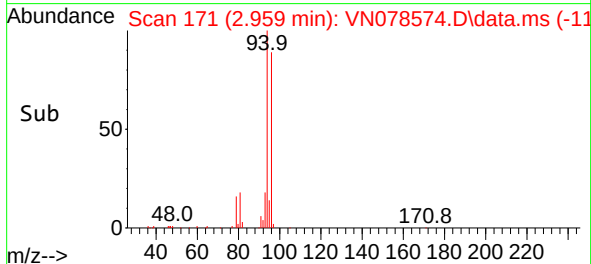
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Tgt Ion: 94 Resp: 101648
Ion Ratio Lower Upper
94 100
96 88.7 73.1 109.7

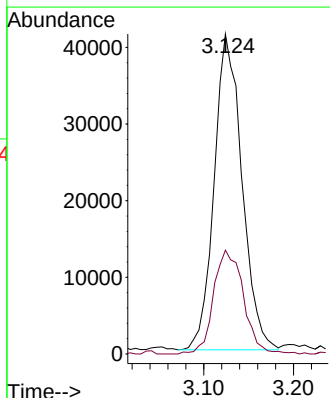
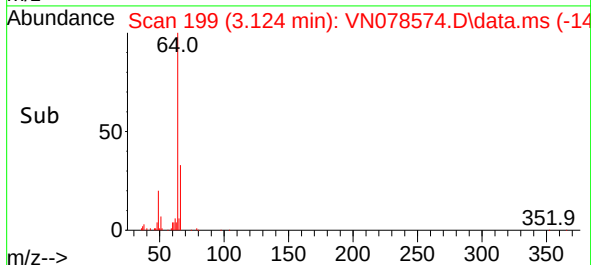
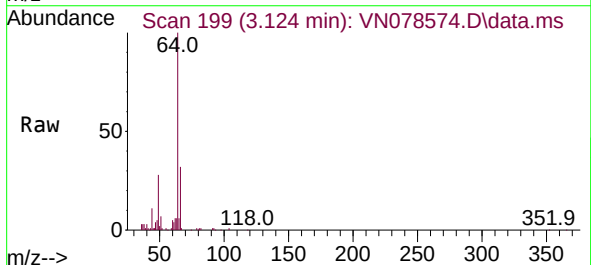
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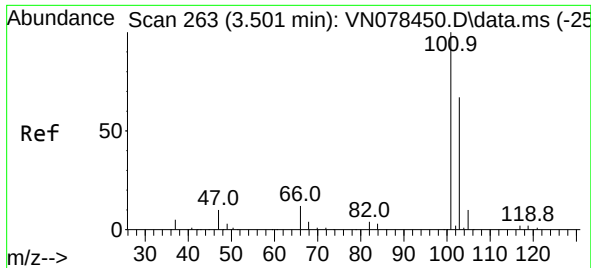
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#6
Chloroethane
Concen: 17.806 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078574.D
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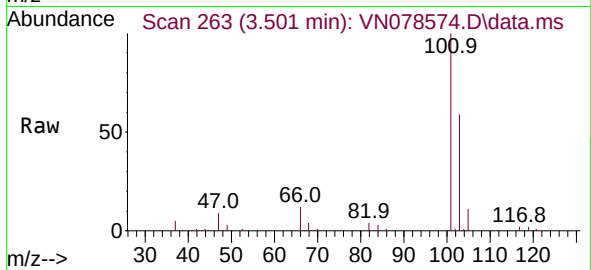
Tgt Ion: 64 Resp: 88461
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 18.420 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN078574.D
 Acq: 19 Jul 2023 12:25

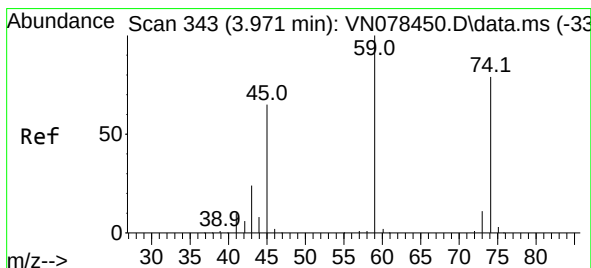
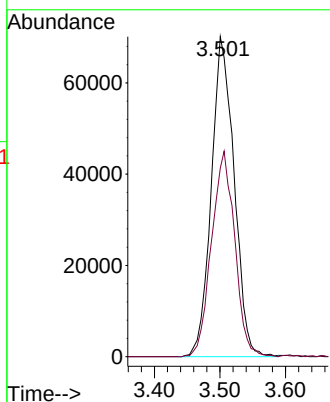
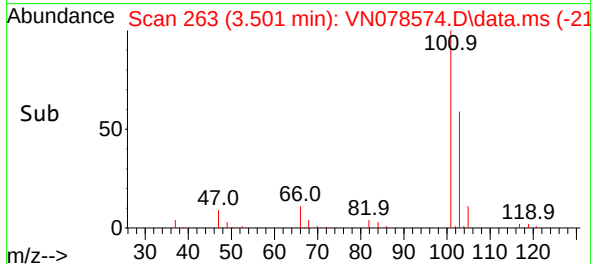
Instrument :
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Tgt Ion:101 Resp: 16908
 Ion Ratio Lower Upper
 101 100
 103 58.9 50.7 76.1

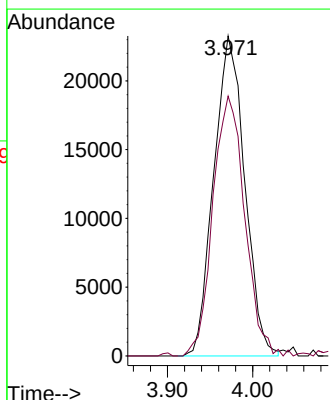
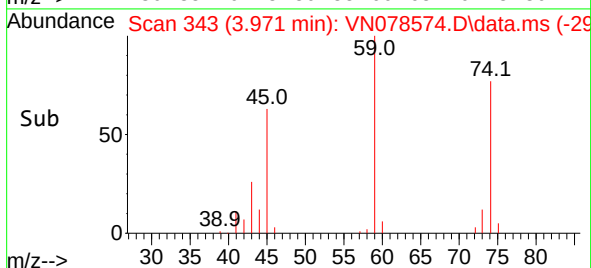
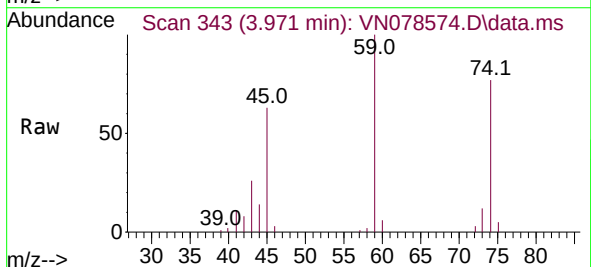
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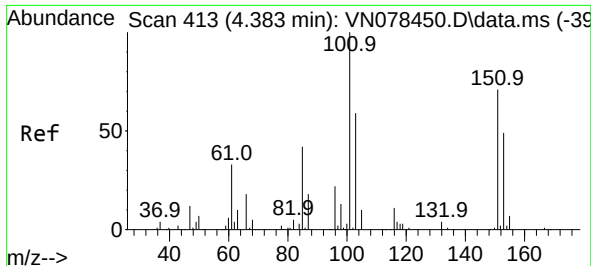
Reviewed By :John Carlone 07/20/2023
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#8
 Diethyl Ether
 Concen: 19.195 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 58705
 Ion Ratio Lower Upper
 74 100
 45 83.9 34.4 103.3





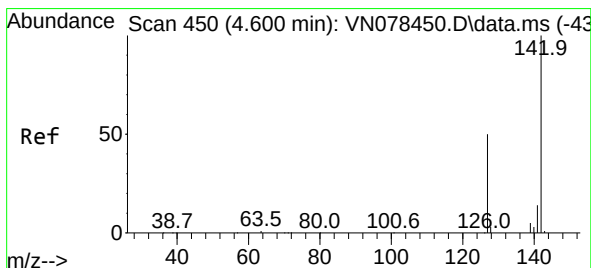
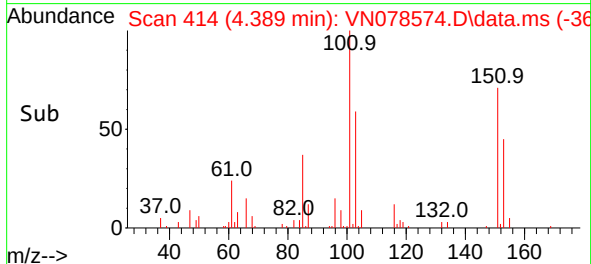
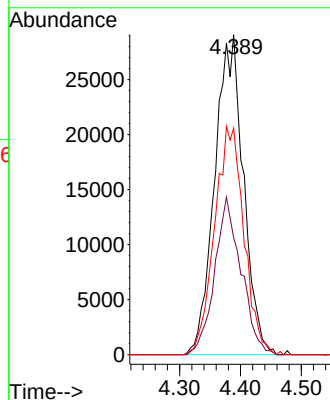
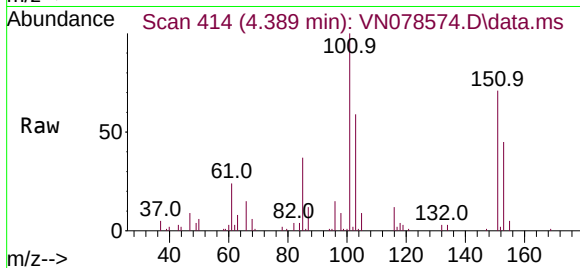
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.582 ug/l
RT: 4.389 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion:101 Resp: 95150
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 72.9 57.6 86.4

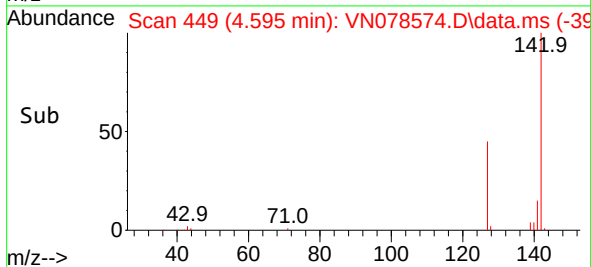
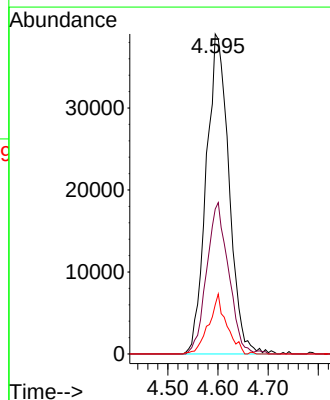
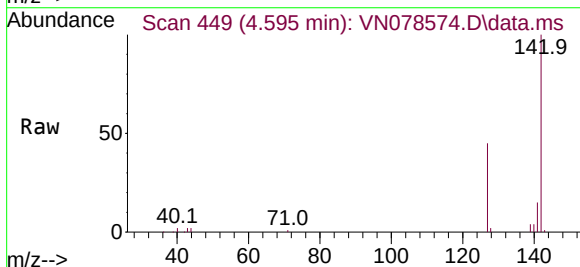
Manual Integrations
APPROVED

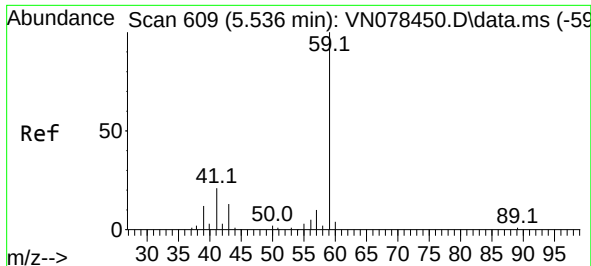
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#10
Methyl Iodide
Concen: 18.410 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Tgt Ion:142 Resp: 122929
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 15.4 11.4 17.0





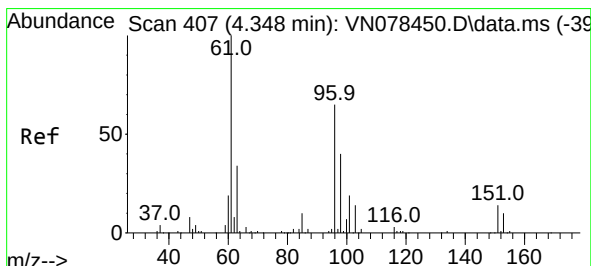
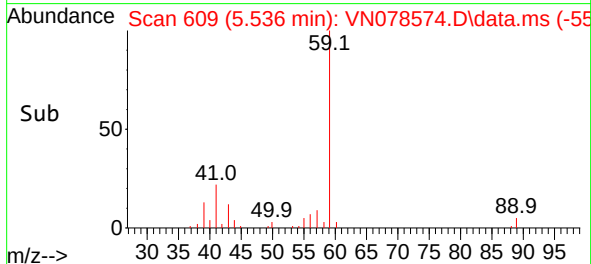
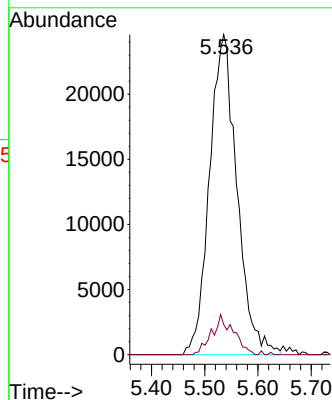
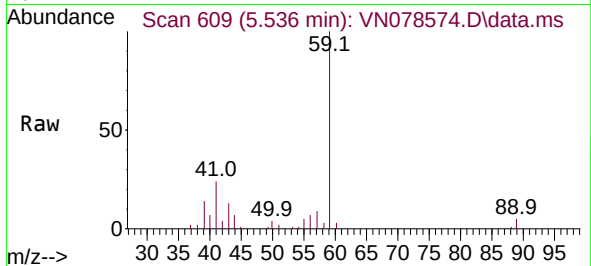
#11
Tert butyl alcohol
Concen: 95.575 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion: 59 Resp: 8801
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

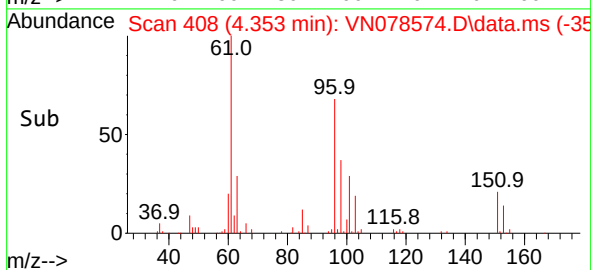
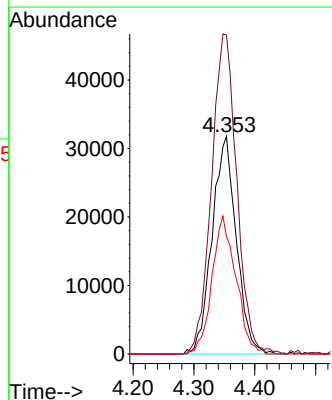
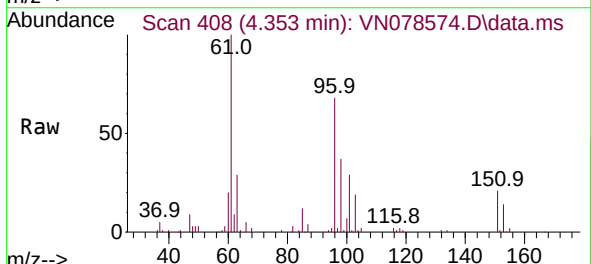
Manual Integrations
APPROVED

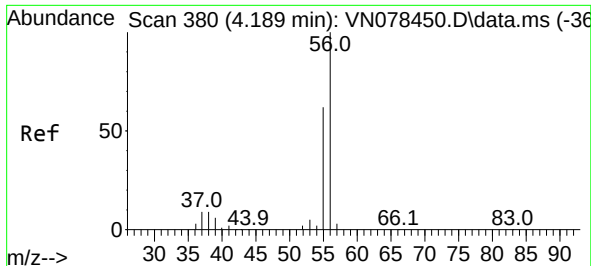
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#12
1,1-Dichloroethene
Concen: 18.758 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

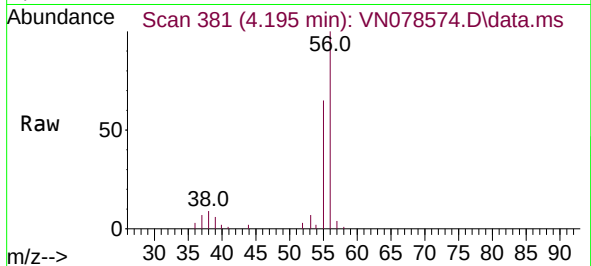
Tgt Ion: 96 Resp: 88169
Ion Ratio Lower Upper
96 100
61 146.7 112.7 169.1
98 54.0 51.2 76.8





#13
Acrolein
Concen: 95.349 ug/l
RT: 4.195 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

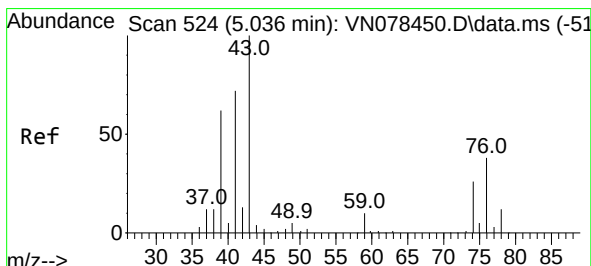
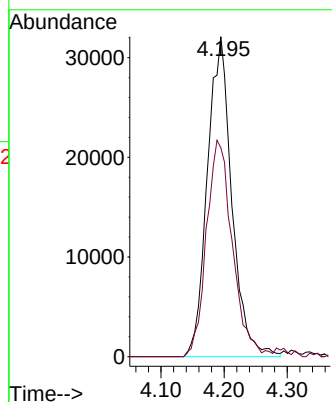
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 56 Resp: 86388
Ion Ratio Lower Upper
56 100
55 71.6 54.5 81.7

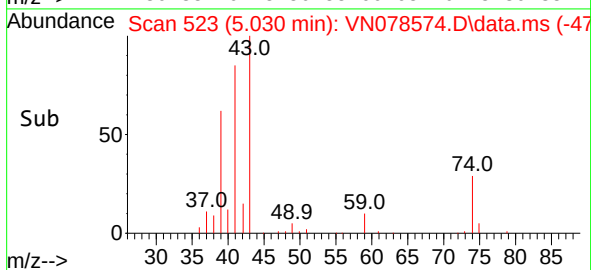
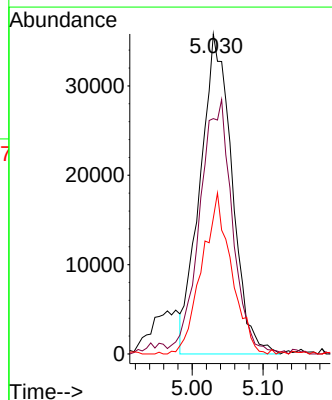
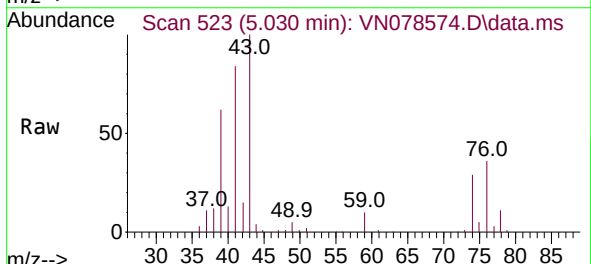
Manual Integrations
APPROVED

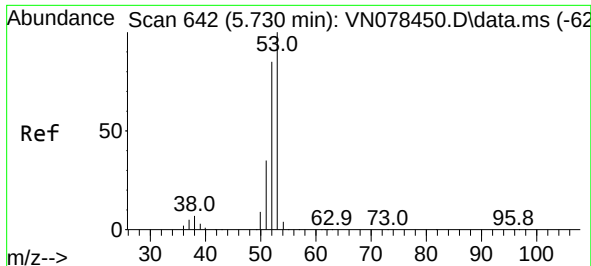
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#14
Allyl chloride
Concen: 17.458 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

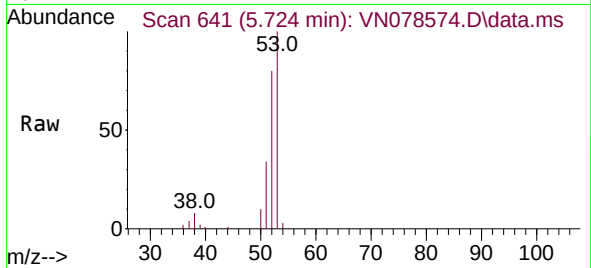
Tgt Ion: 41 Resp: 112130
Ion Ratio Lower Upper
41 100
39 81.2 58.8 88.2
76 46.7 39.1 58.7





#15
Acrylonitrile
Concen: 98.302 ug/l
RT: 5.724 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

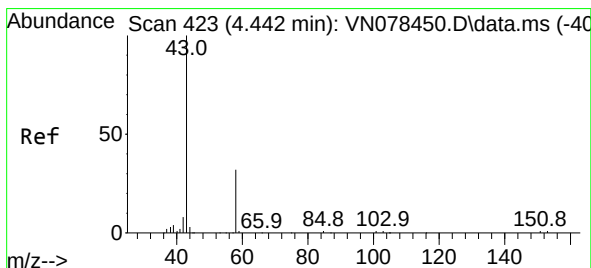
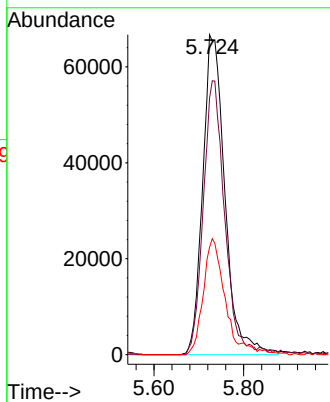
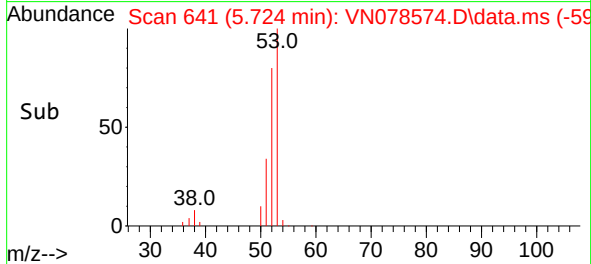
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 53 Resp: 228719
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 36.2 28.9 43.3

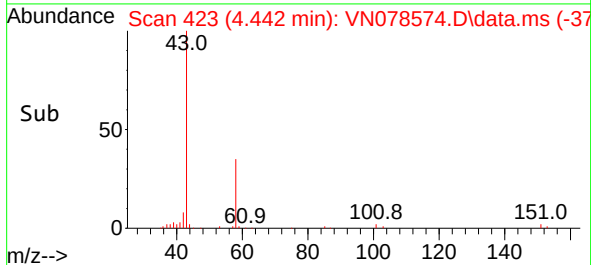
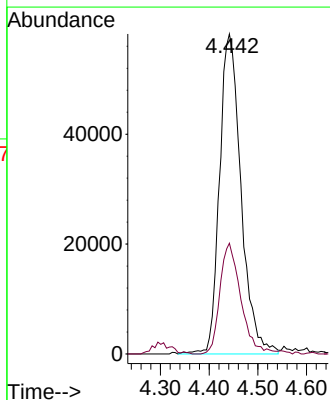
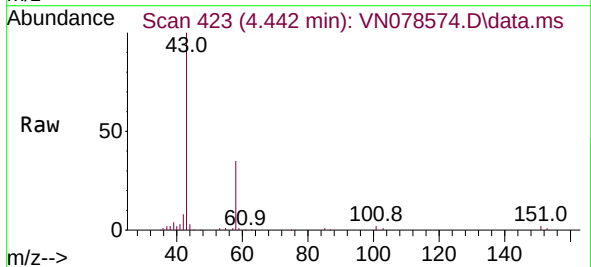
Manual Integrations
APPROVED

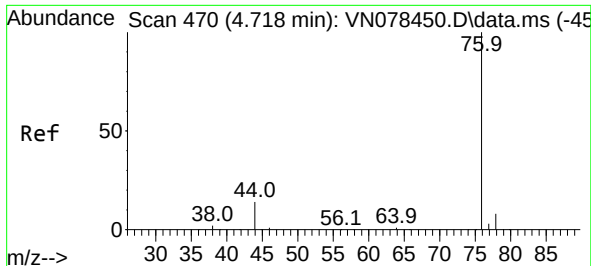
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#16
Acetone
Concen: 96.082 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

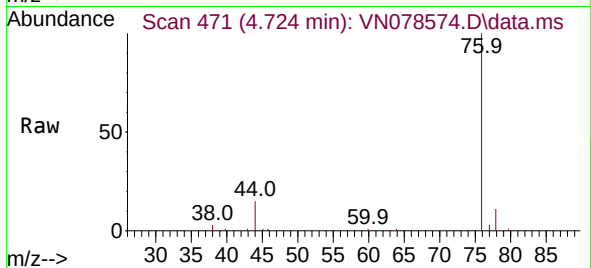
Tgt Ion: 43 Resp: 178734
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0





#17
Carbon Disulfide
Concen: 15.319 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

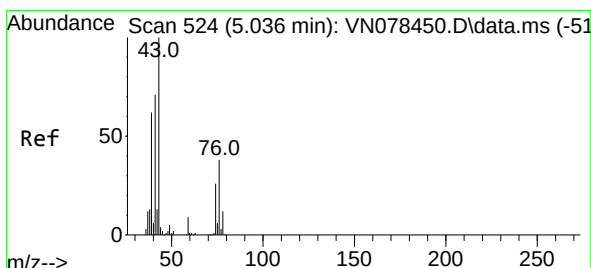
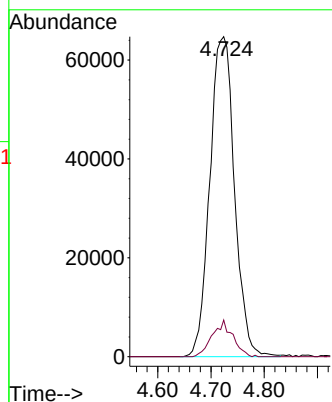
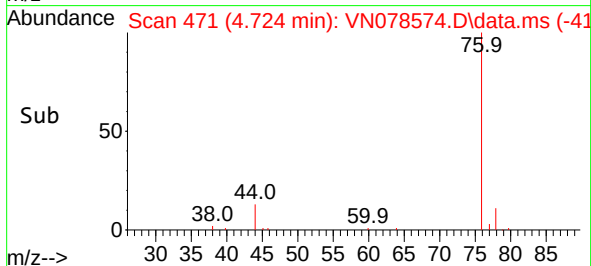
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 76 Resp: 208220
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.0

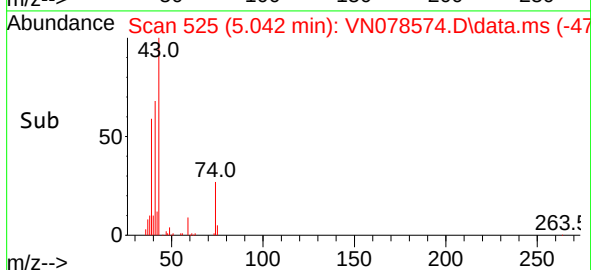
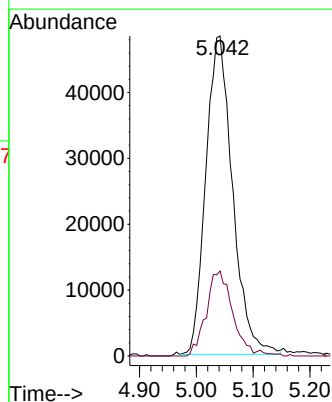
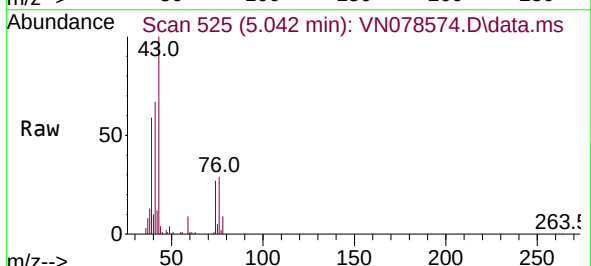
Manual Integrations
APPROVED

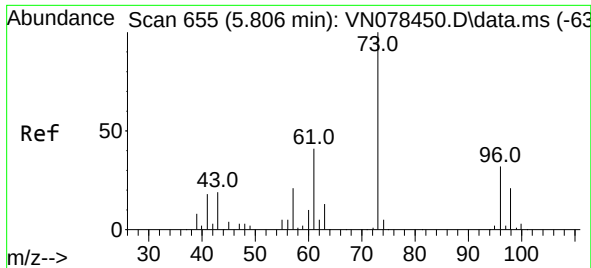
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#18
Methyl Acetate
Concen: 20.050 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

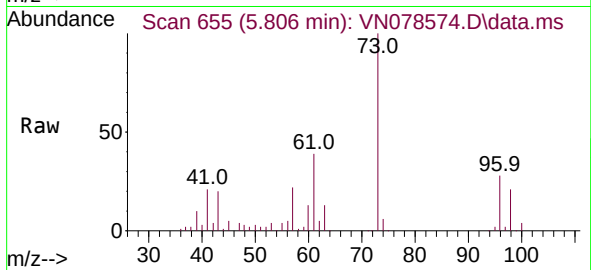
Tgt Ion: 43 Resp: 157890
Ion Ratio Lower Upper
43 100
74 26.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 19.374 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

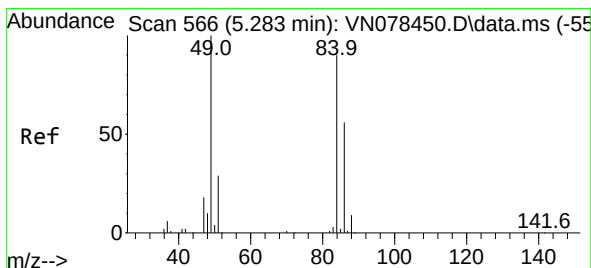
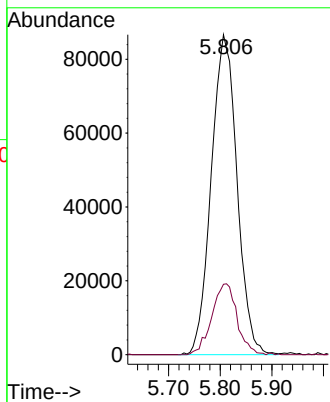
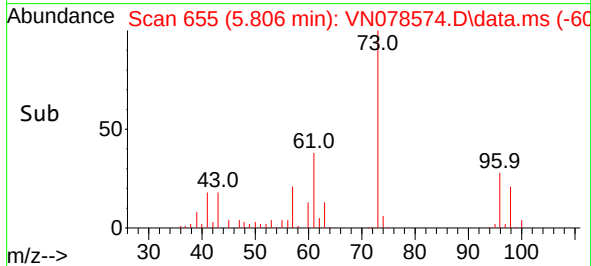
Instrument :
MSVOA_N
Client Sample Id :
VN0719WBS01



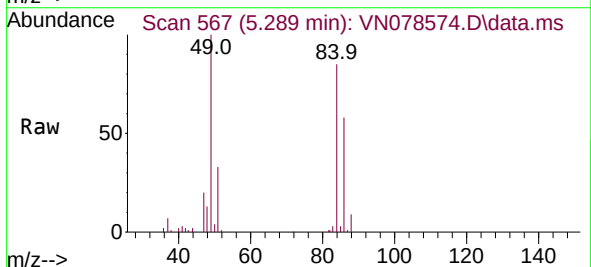
Tgt Ion: 73 Resp: 300049
Ion Ratio Lower Upper
73 100
57 22.0 15.6 23.4

Manual Integrations
APPROVED

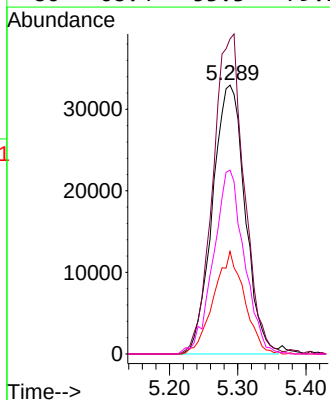
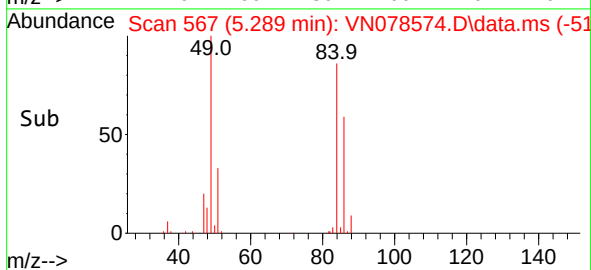
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

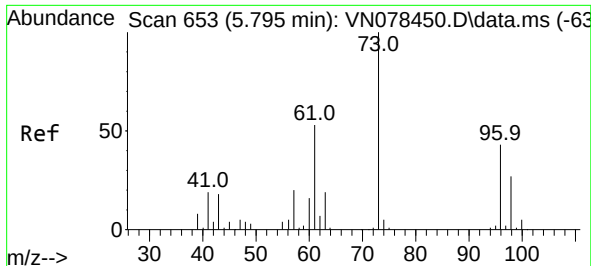


#20
Methylene Chloride
Concen: 19.814 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25



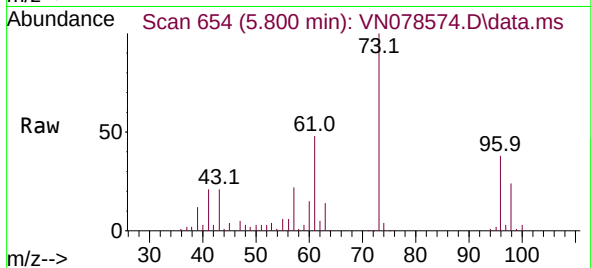
Tgt Ion: 84 Resp: 109664
Ion Ratio Lower Upper
84 100
49 117.2 79.7 119.5
51 38.2 25.2 37.8#
86 68.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.715 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

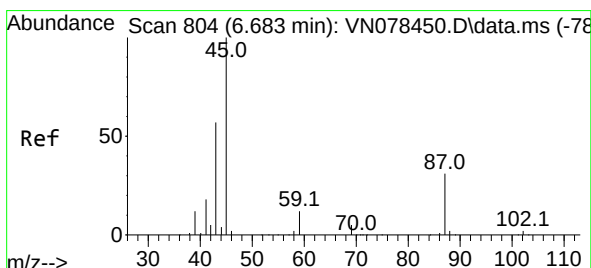
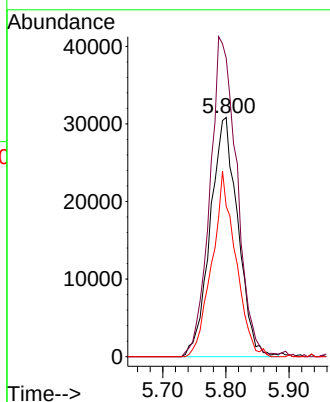
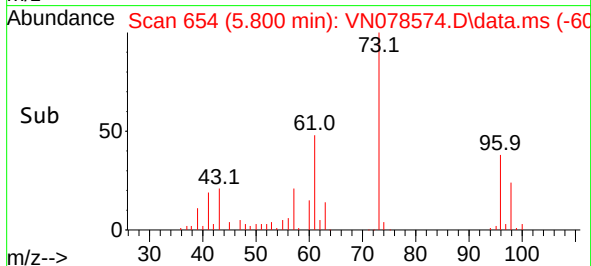
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 96 Resp: 9383
Ion Ratio Lower Upper
96 100
61 124.8 90.1 135.1
98 62.8 46.4 69.6

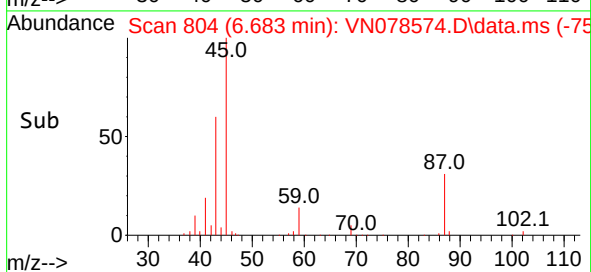
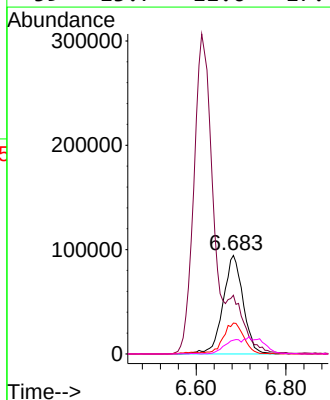
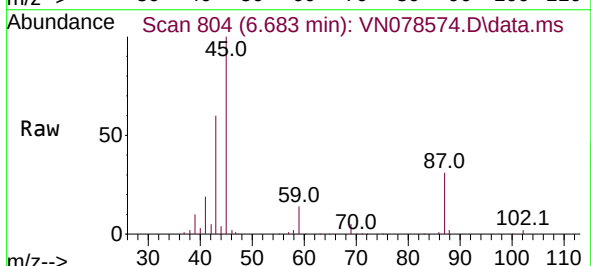
Manual Integrations
APPROVED

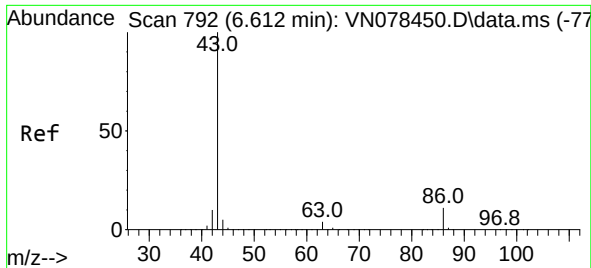
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#22
Diisopropyl ether
Concen: 20.386 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

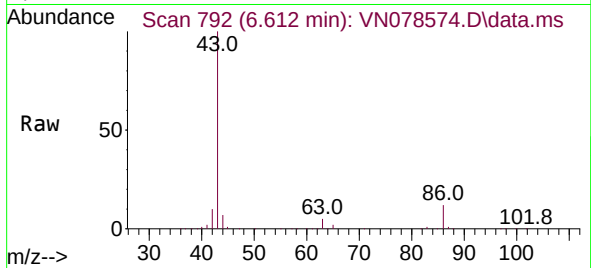
Tgt Ion: 45 Resp: 293181
Ion Ratio Lower Upper
45 100
43 58.1 45.5 68.3
87 31.2 31.8 47.8#
59 13.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 96.792 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078574.D
 Acq: 19 Jul 2023 12:25

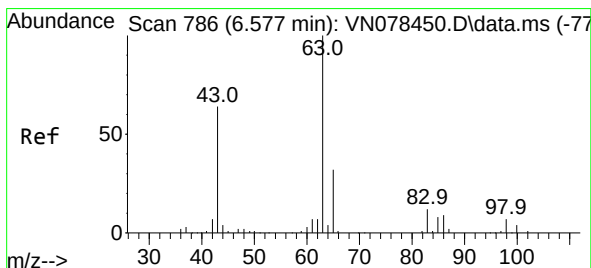
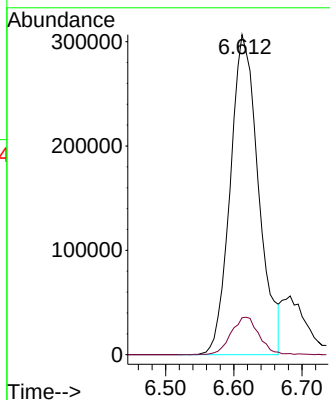
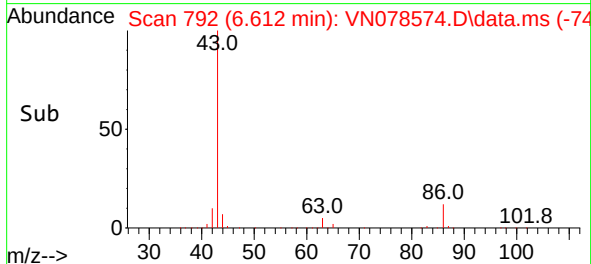
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01



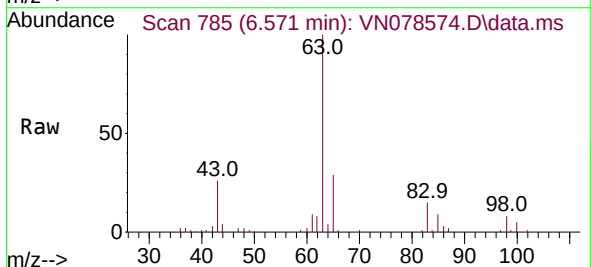
Tgt Ion: 43 Resp: 884960
 Ion Ratio Lower Upper
 43 100
 86 11.6 13.0 19.6

Manual Integrations
 APPROVED

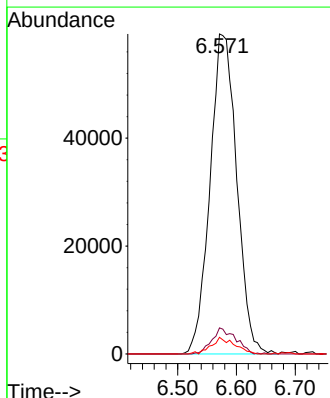
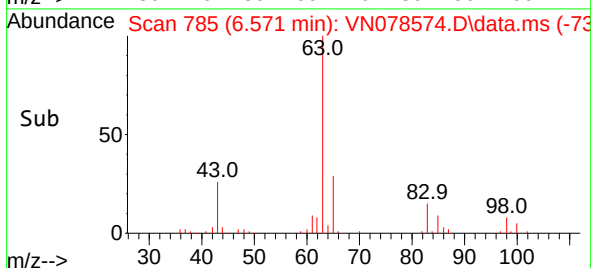
Reviewed By :John Carlone 07/20/2023
 Supervised By :Mahesh Dadoda 07/20/2023

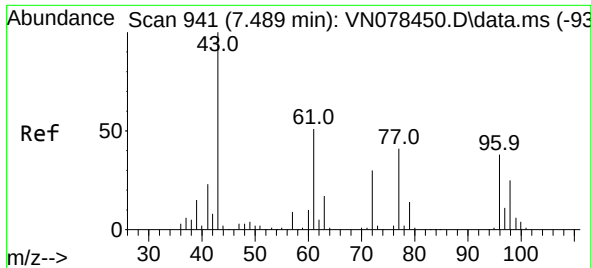


#24
 1,1-Dichloroethane
 Concen: 19.355 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078574.D
 Acq: 19 Jul 2023 12:25



Tgt Ion: 63 Resp: 187564
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 5.2 2.5 7.4





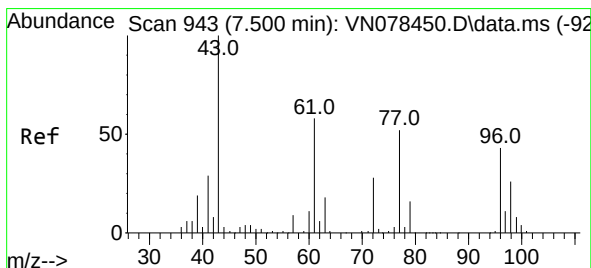
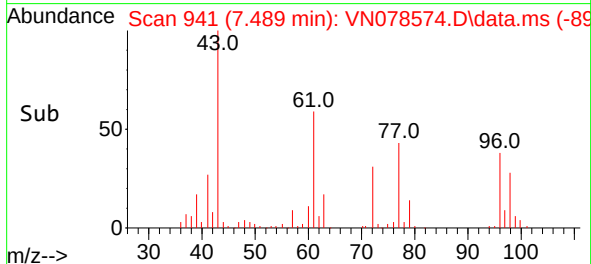
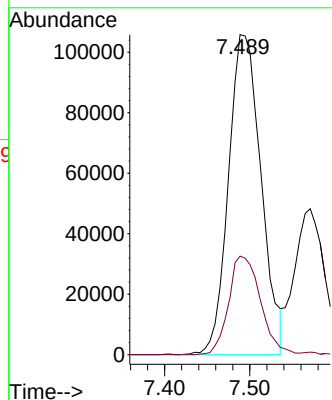
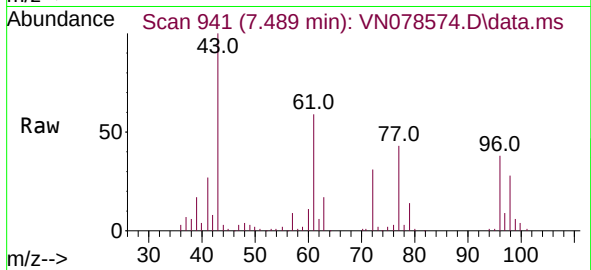
#25
2-Butanone
Concen: 95.946 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion: 43 Resp: 28095
Ion Ratio Lower Upper
43 100
72 30.8 30.2 45.2

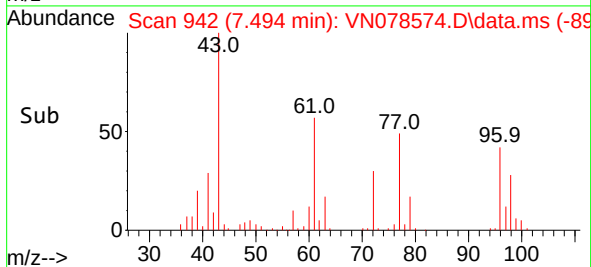
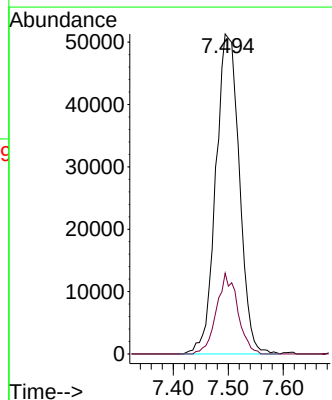
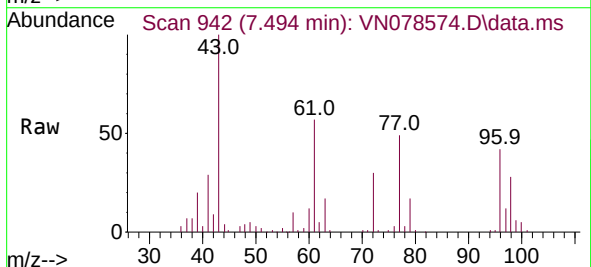
Manual Integrations
APPROVED

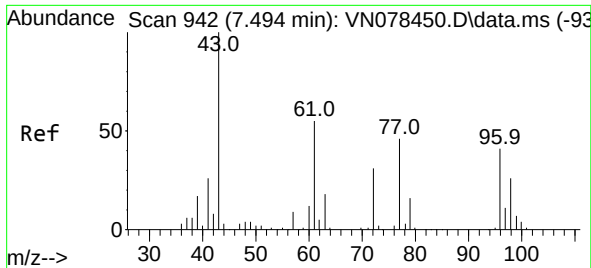
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#26
2,2-Dichloropropane
Concen: 19.256 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

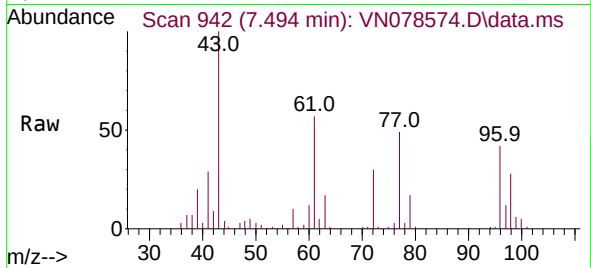
Tgt Ion: 77 Resp: 152623
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.854 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078574.D
 Acq: 19 Jul 2023 12:25

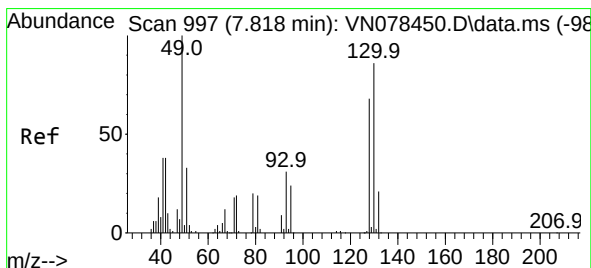
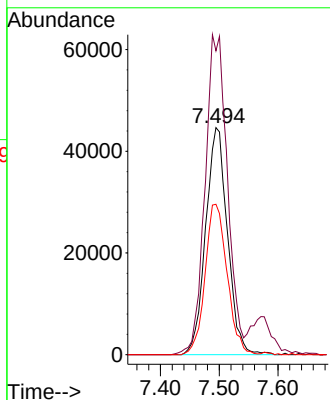
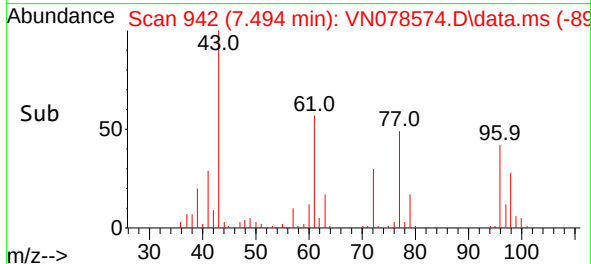
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01



Tgt Ion: 96 Resp: 115528
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 255.2
 98 66.8 0.0 128.8

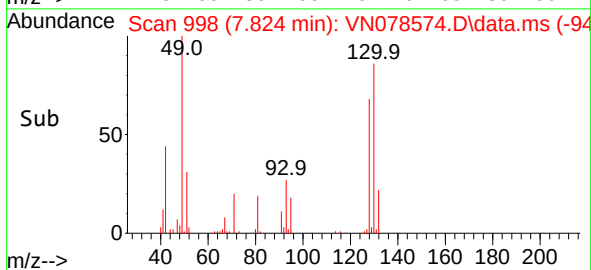
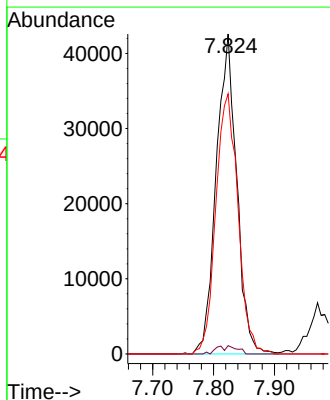
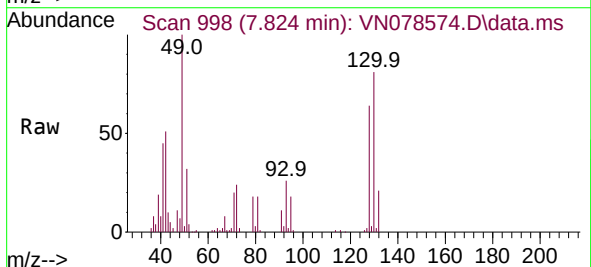
Manual Integrations
 APPROVED

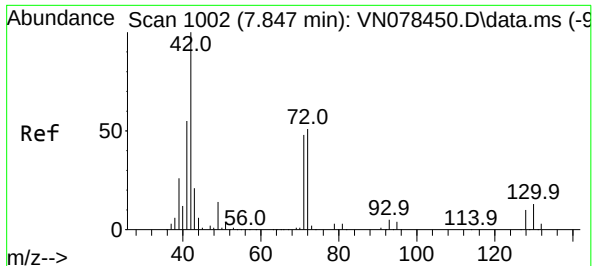
Reviewed By :John Carlone 07/20/2023
 Supervised By :Mahesh Dadoda 07/20/2023



#28
 Bromochloromethane
 Concen: 21.740 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078574.D
 Acq: 19 Jul 2023 12:25

Tgt Ion: 49 Resp: 99229
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.8
 130 88.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 91.455 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion: 42 Resp: 175724

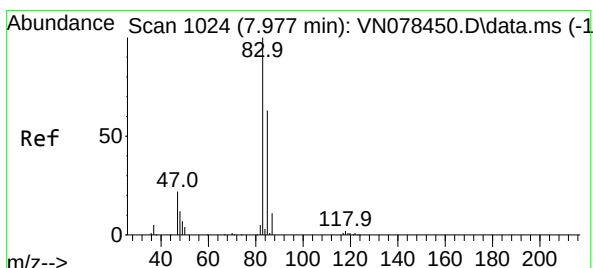
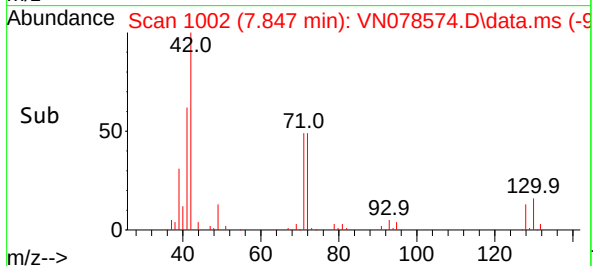
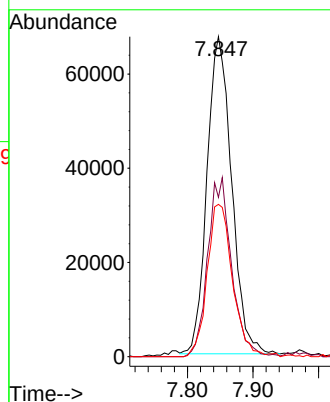
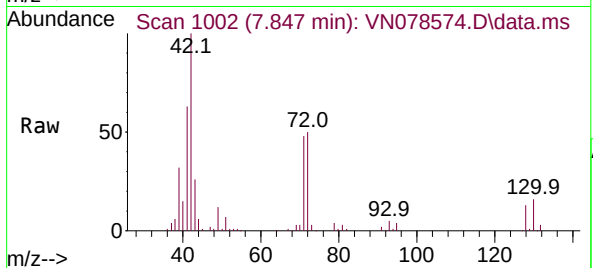
Ion	Ratio	Lower	Upper
42	100		
72	54.7	49.8	74.6
71	49.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#30

Chloroform

Concen: 20.460 ug/l

RT: 7.977 min Scan# 1024

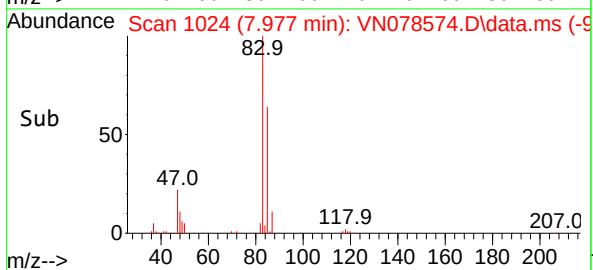
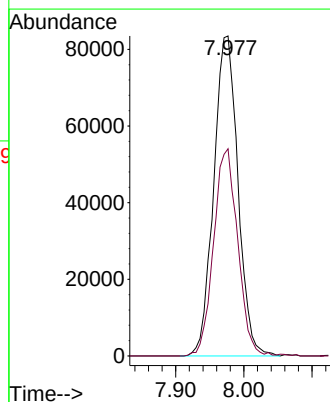
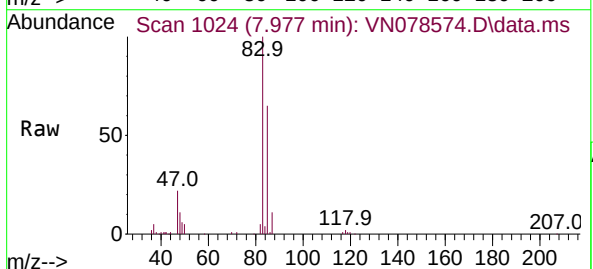
Delta R.T. -0.000 min

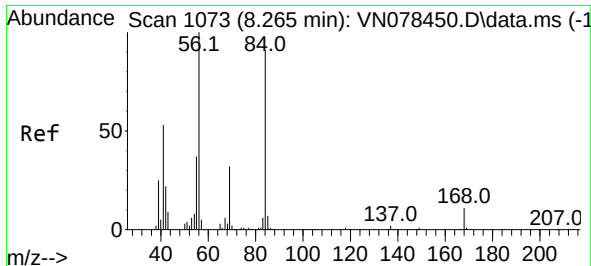
Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Tgt Ion: 83 Resp: 206426

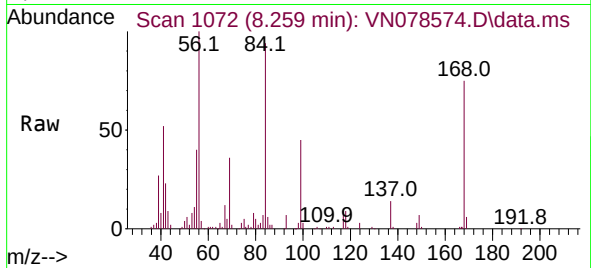
Ion	Ratio	Lower	Upper
83	100		
85	64.8	55.4	83.0





#31
Cyclohexane
Concen: 17.172 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

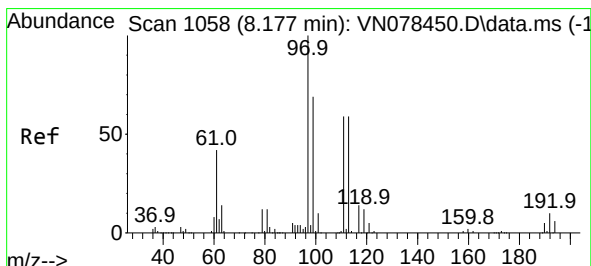
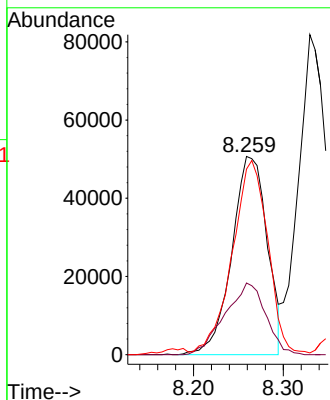
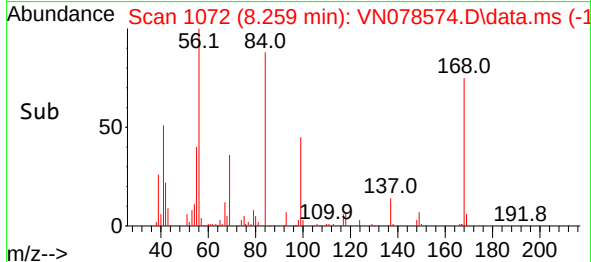
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 56 Resp: 138592
Ion Ratio Lower Upper
56 100
69 36.2 26.8 40.2
84 91.2 81.8 122.6

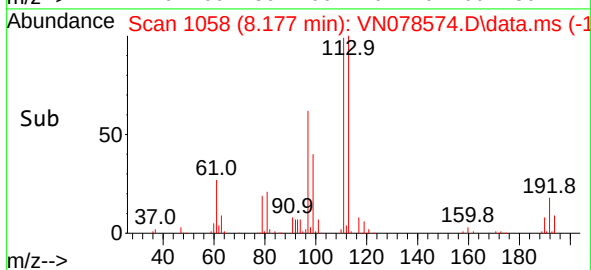
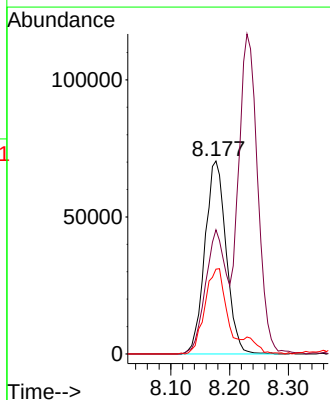
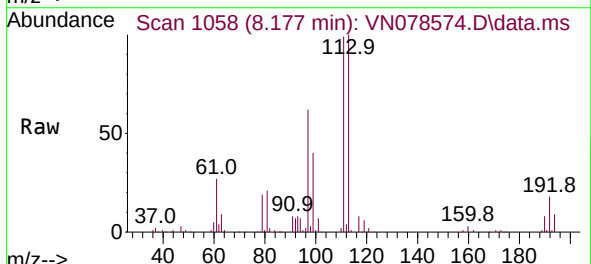
Manual Integrations
APPROVED

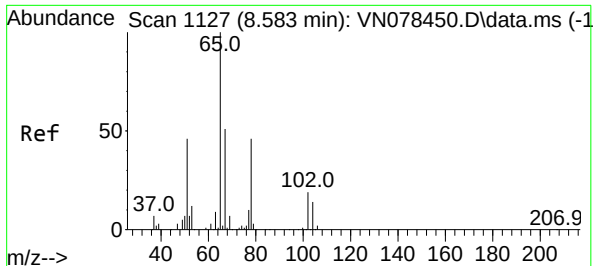
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#32
1,1,1-Trichloroethane
Concen: 19.539 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Tgt Ion: 97 Resp: 176738
Ion Ratio Lower Upper
97 100
99 62.2 50.3 75.5
61 45.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.892 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion: 65 Resp: 315862

Ion Ratio Lower Upper

65 100

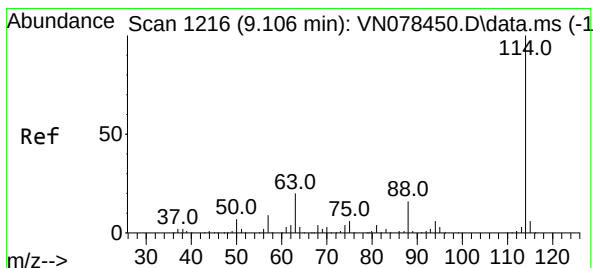
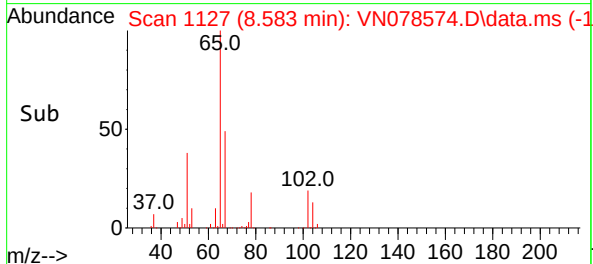
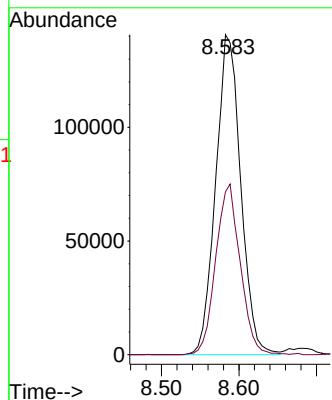
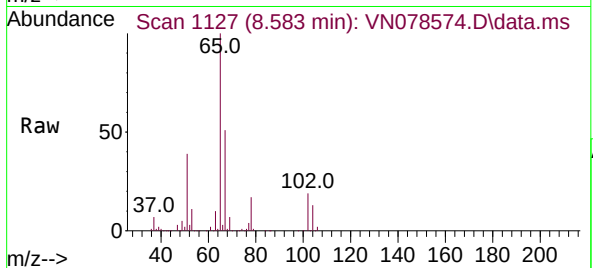
67 52.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

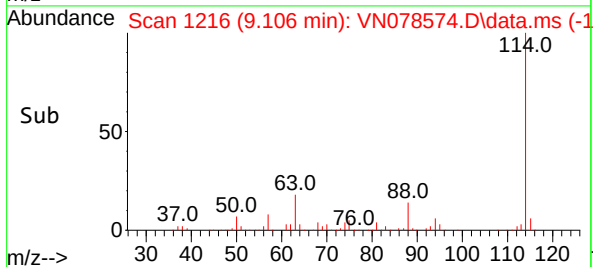
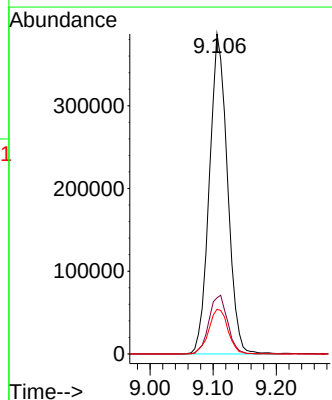
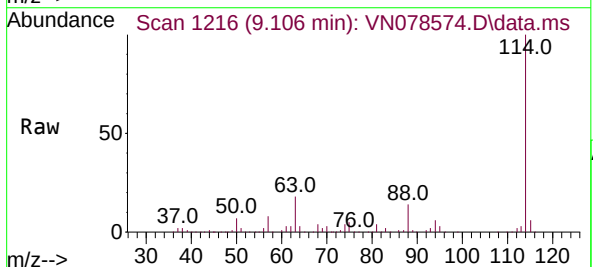
Tgt Ion:114 Resp: 769527

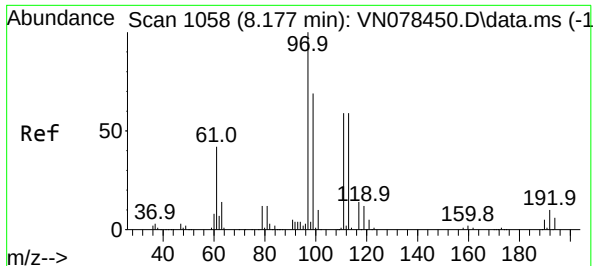
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.4

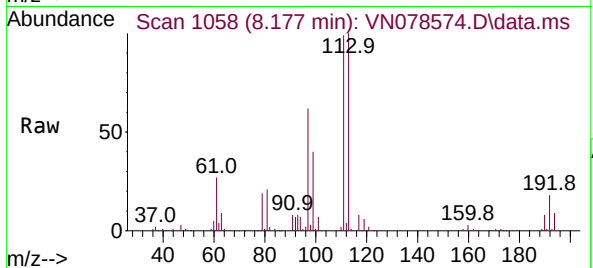
88 14.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.247 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

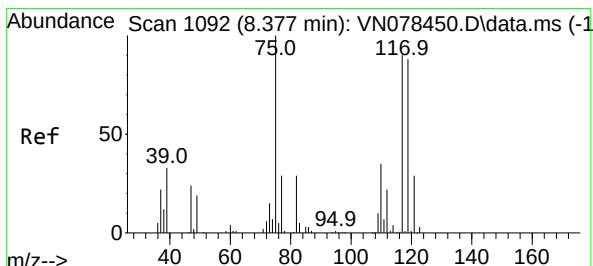
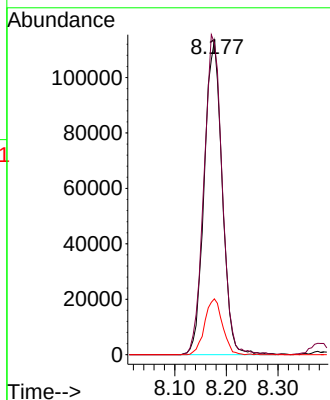
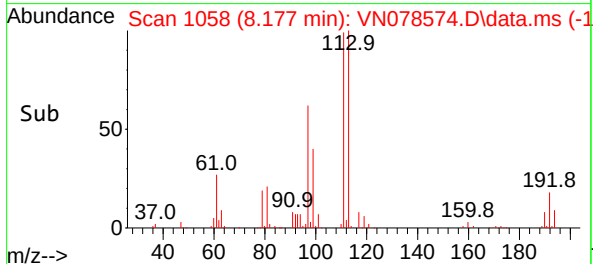
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 113 Resp: 272925
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 17.6 12.7 19.1

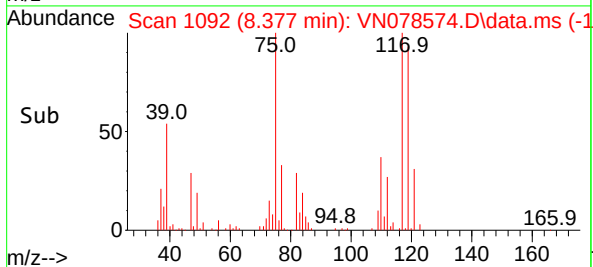
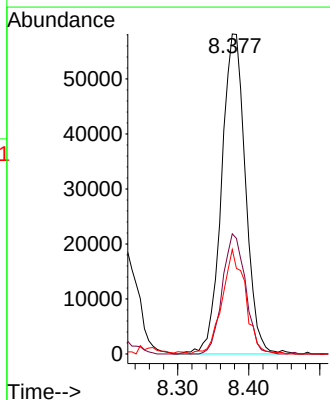
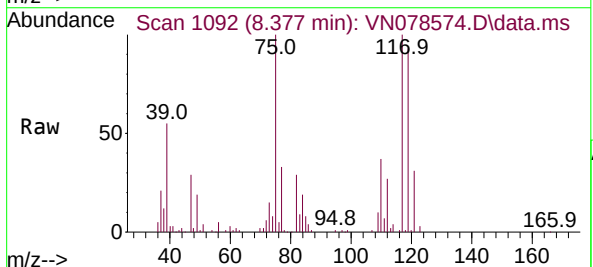
Manual Integrations
APPROVED

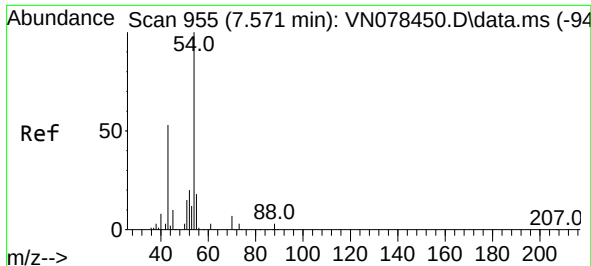
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#36
1,1-Dichloropropene
Concen: 17.984 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

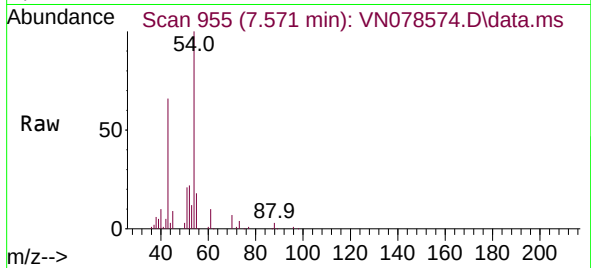
Tgt Ion: 75 Resp: 135648
Ion Ratio Lower Upper
75 100
110 36.4 19.1 57.3
77 31.8 25.0 37.4





#37
Ethyl Acetate
Concen: 18.986 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

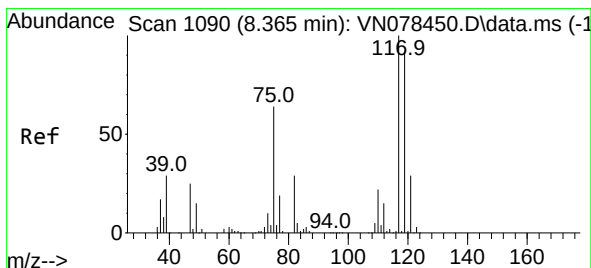
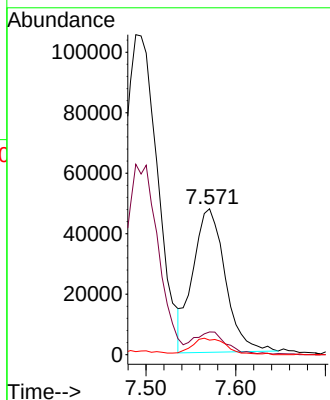
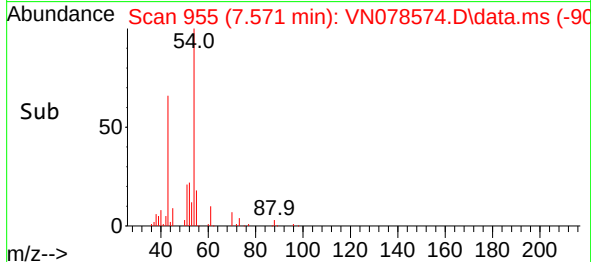
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 43 Resp: 119378
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 12.4 11.3 16.9

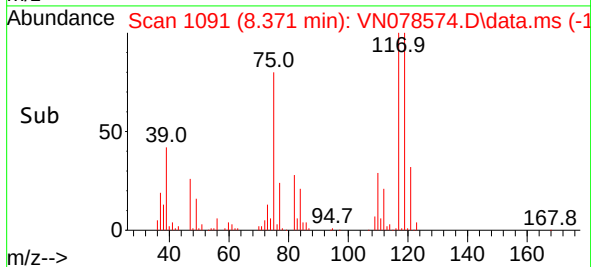
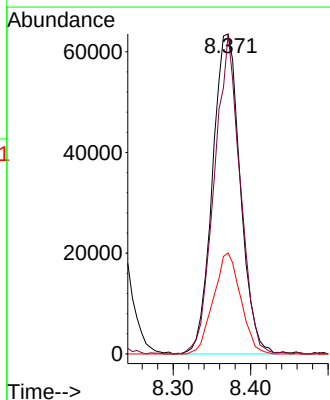
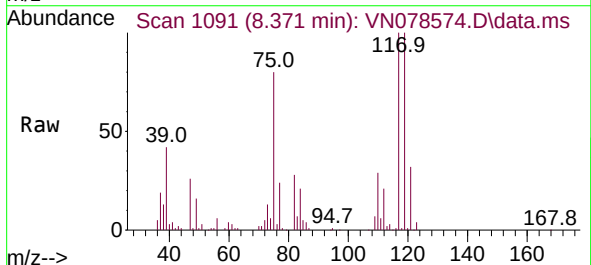
Manual Integrations
APPROVED

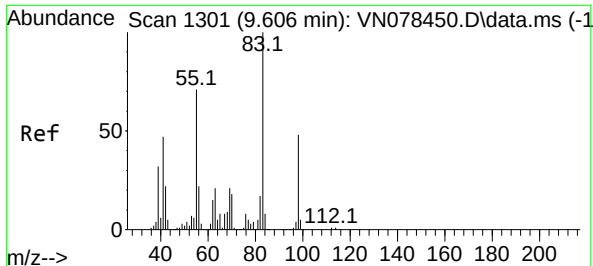
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#38
Carbon Tetrachloride
Concen: 19.242 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Tgt Ion:117 Resp: 157743
Ion Ratio Lower Upper
117 100
119 99.7 77.3 115.9
121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 18.248 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion: 83 Resp: 125639

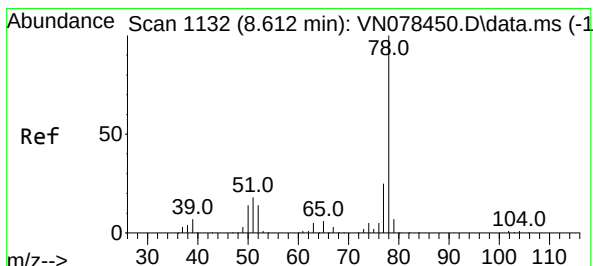
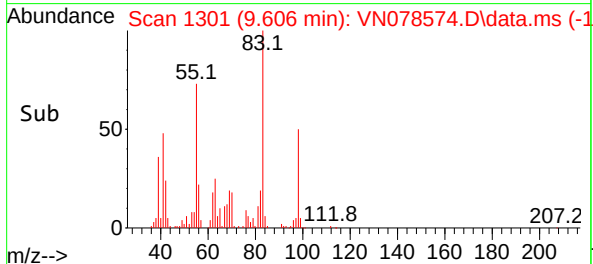
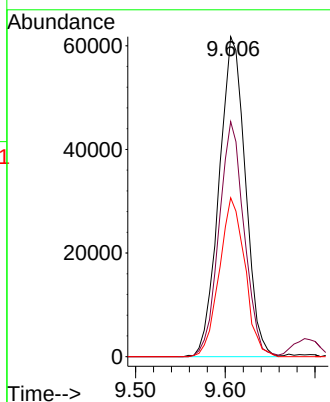
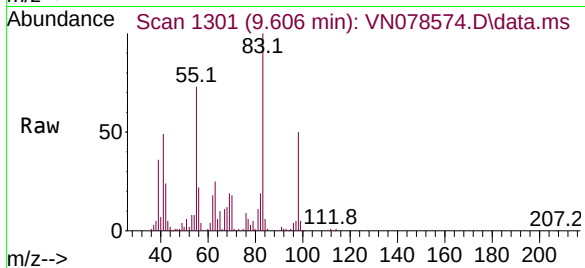
Ion	Ratio	Lower	Upper
83	100		
55	73.5	49.1	73.7
98	49.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#40

Benzene

Concen: 19.324 ug/l

RT: 8.618 min Scan# 1133

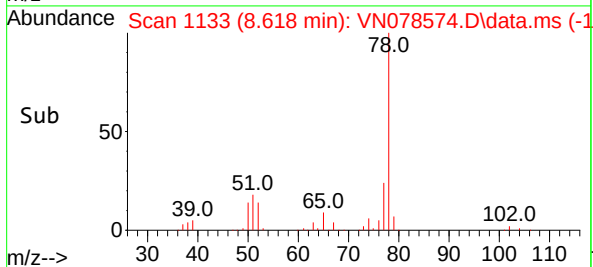
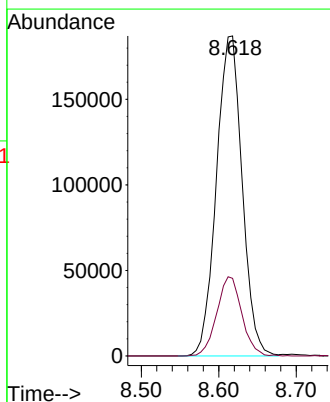
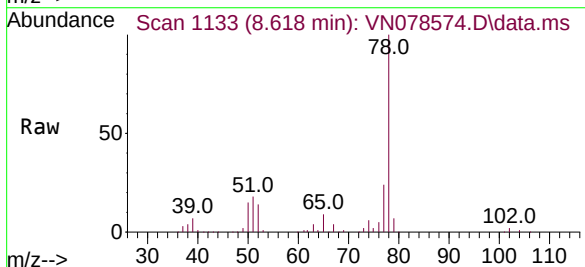
Delta R.T. 0.006 min

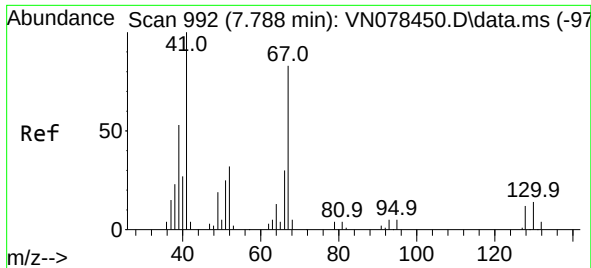
Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Tgt Ion: 78 Resp: 431809

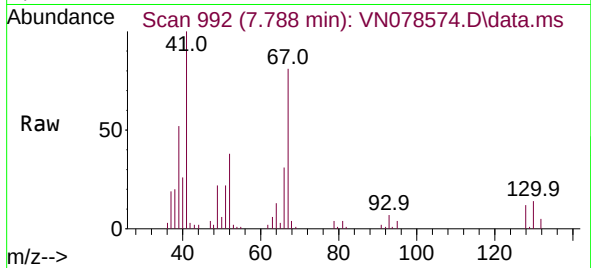
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





#41
Methacrylonitrile
Concen: 21.003 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

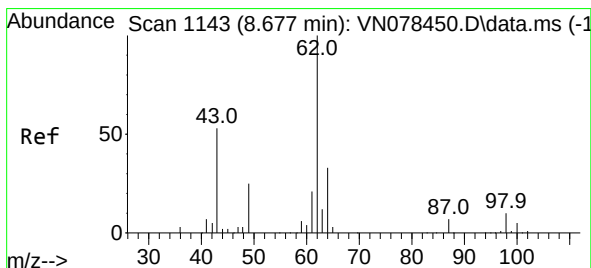
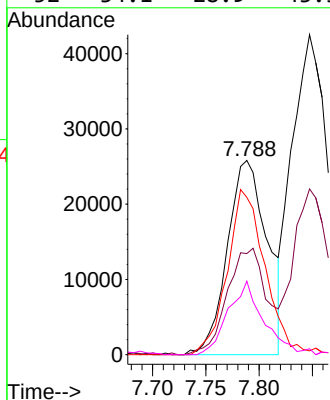
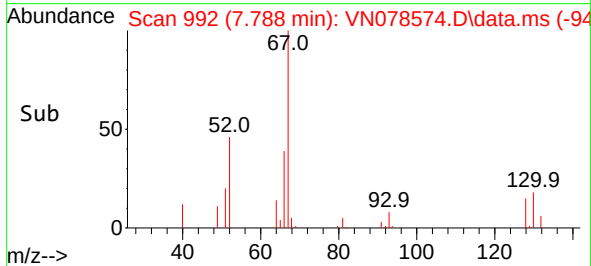
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 41 Resp: 6732
Ion Ratio Lower Upper
41 100
39 54.5 42.6 64.0
67 80.6 77.5 116.3
52 34.1 28.9 43.3

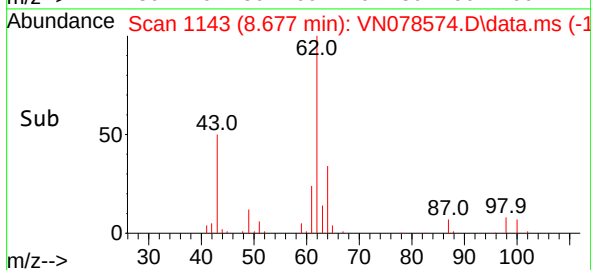
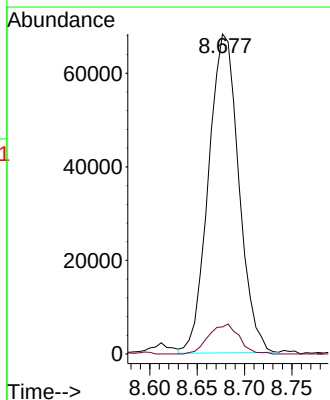
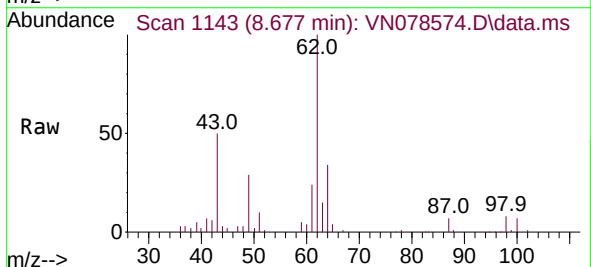
Manual Integrations
APPROVED

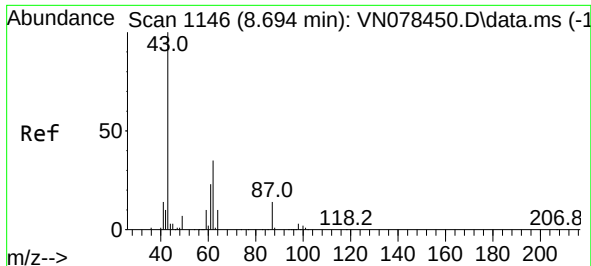
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#42
1,2-Dichloroethane
Concen: 20.000 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

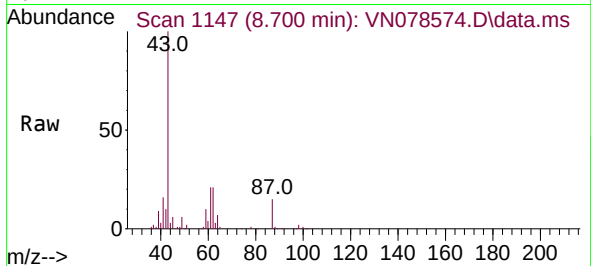
Tgt Ion: 62 Resp: 152011
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.666 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

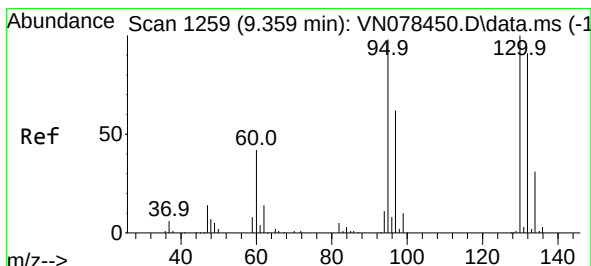
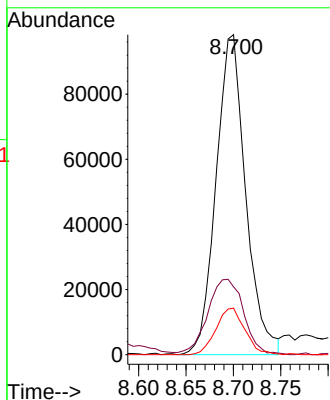
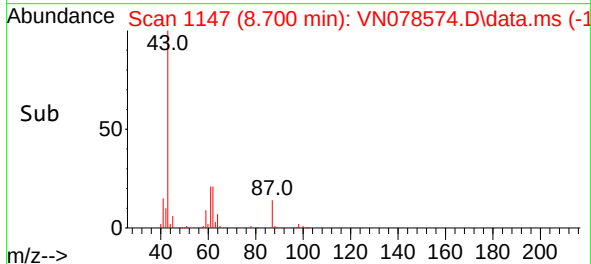
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 43 Resp: 21393
Ion Ratio Lower Upper
43 100
61 28.5 24.7 37.1
87 14.2 14.6 21.8

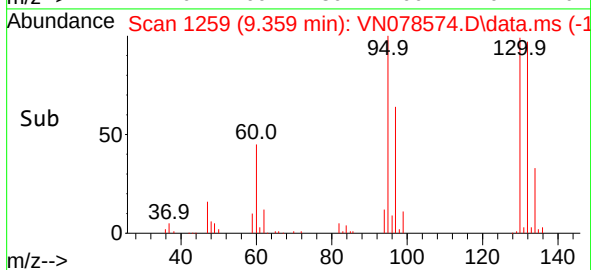
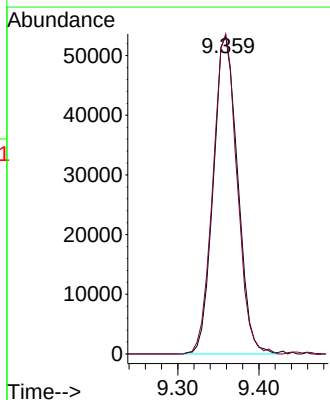
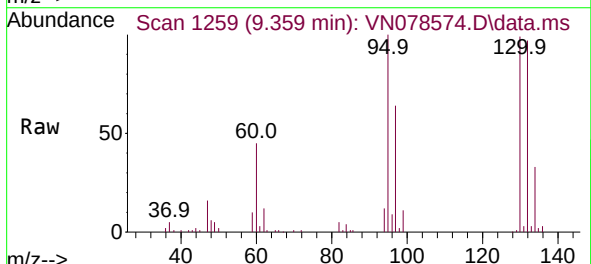
Manual Integrations
APPROVED

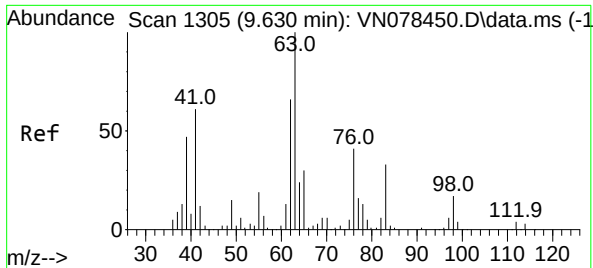
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#44
Trichloroethene
Concen: 18.381 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Tgt Ion:130 Resp: 110700
Ion Ratio Lower Upper
130 100
95 100.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.504 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion: 63 Resp: 11604

Ion Ratio Lower Upper

63 100

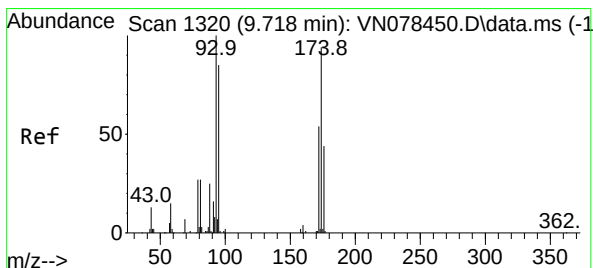
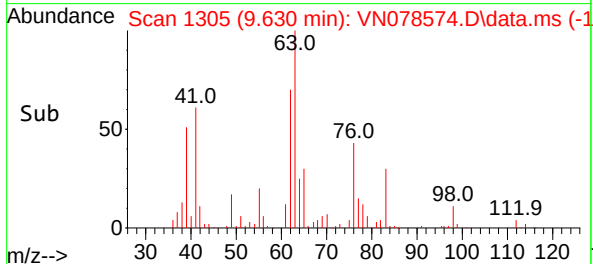
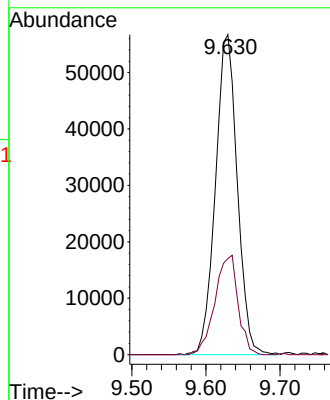
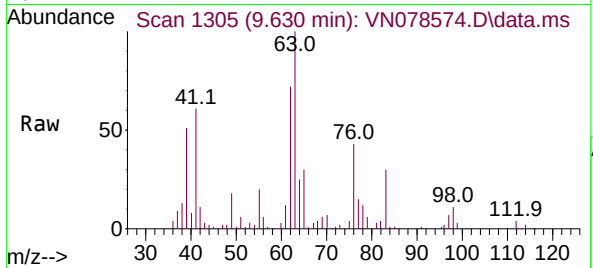
65 29.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#46

Dibromomethane

Concen: 20.063 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

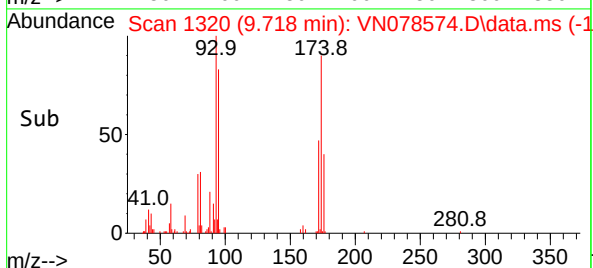
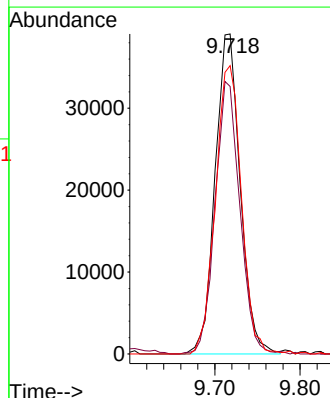
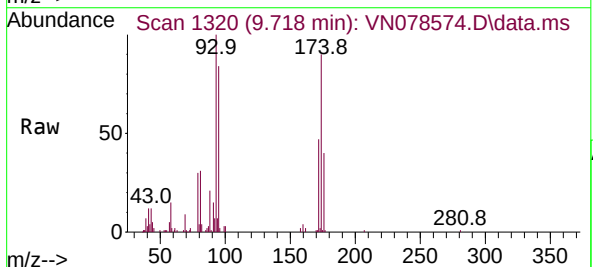
Tgt Ion: 93 Resp: 79920

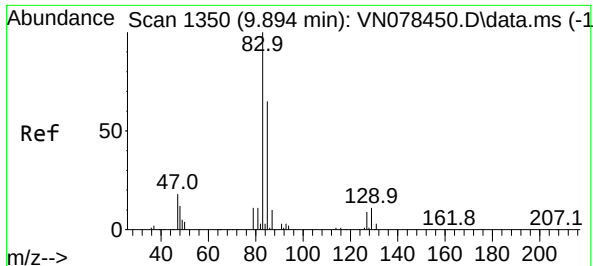
Ion Ratio Lower Upper

93 100

95 84.3 63.8 95.8

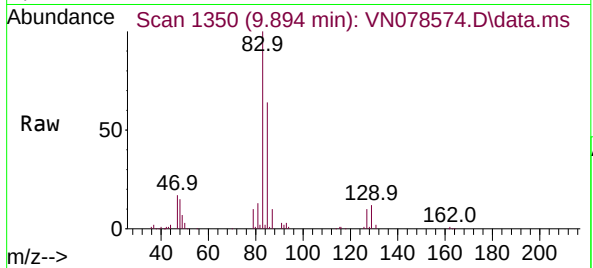
174 93.7 65.6 98.4





#47
Bromodichloromethane
Concen: 20.383 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

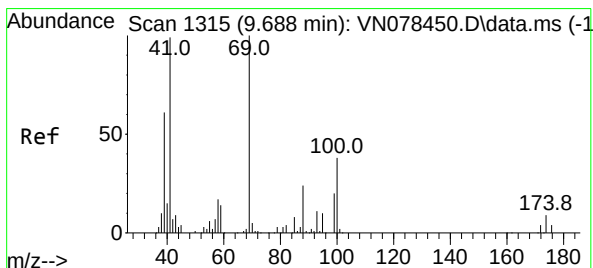
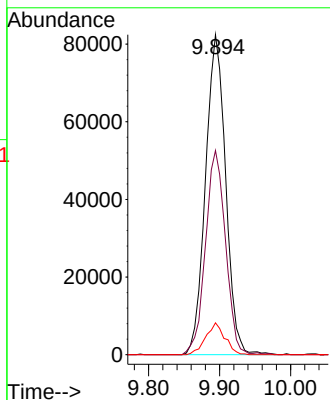
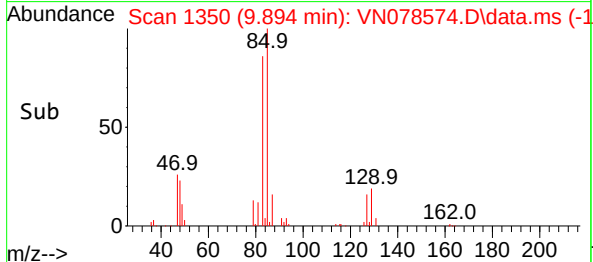
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 83 Resp: 16275
Ion Ratio Lower Upper
83 100
85 63.8 49.6 74.4
127 9.9 7.0 10.6

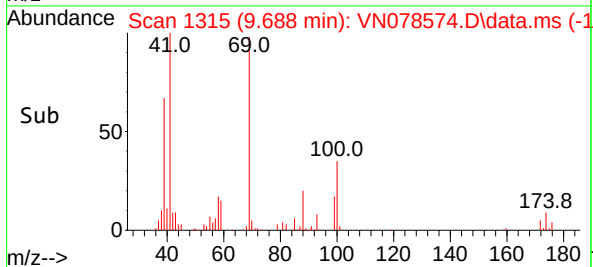
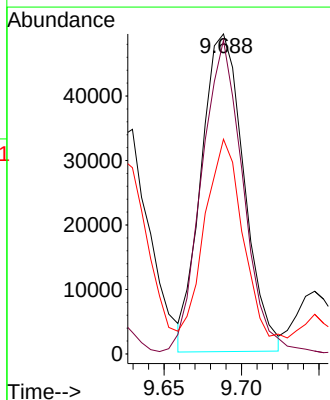
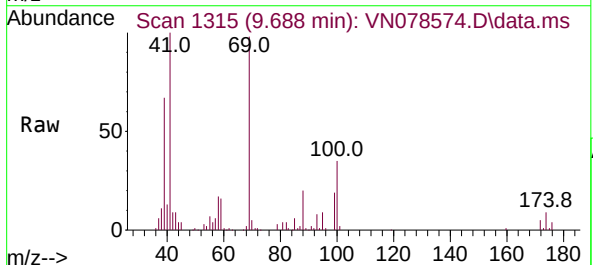
Manual Integrations
APPROVED

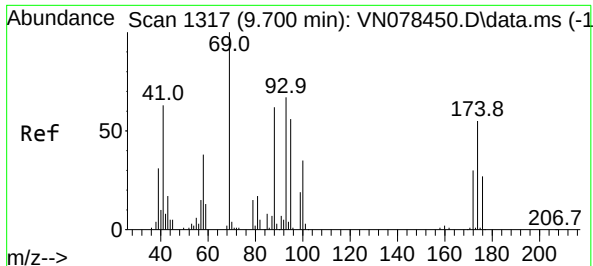
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#48
Methyl methacrylate
Concen: 19.713 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Tgt Ion: 41 Resp: 94543
Ion Ratio Lower Upper
41 100
69 95.2 90.4 135.6
39 64.3 54.6 81.8





#49

1,4-Dioxane

Concen: 355.501 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion: 88 Resp: 3718

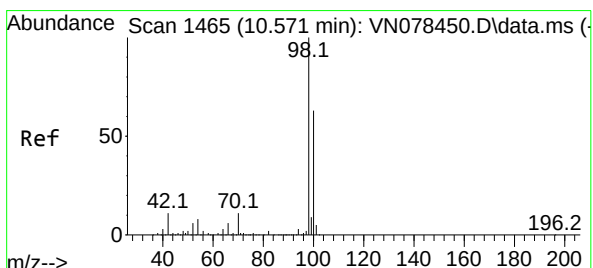
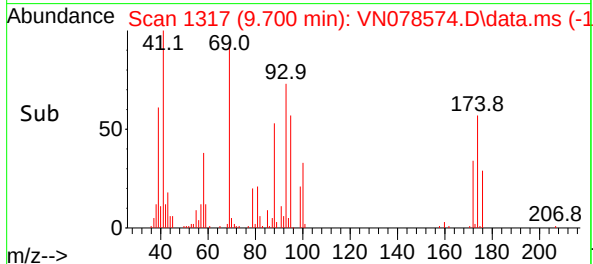
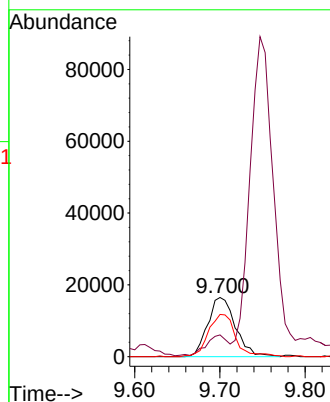
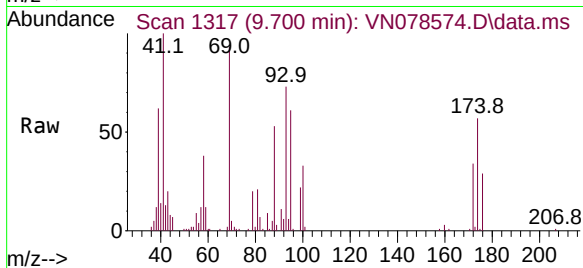
Ion	Ratio	Lower	Upper
88	100		
43	26.1	17.0	25.6
58	70.3	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#50

Toluene-d8

Concen: 50.412 ug/l

RT: 10.571 min Scan# 1465

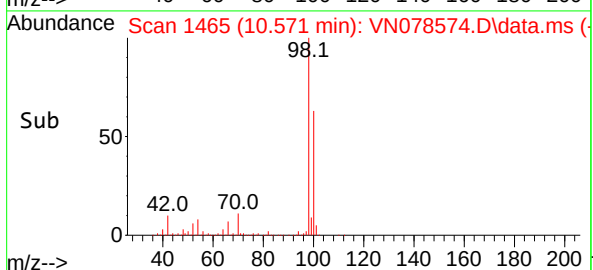
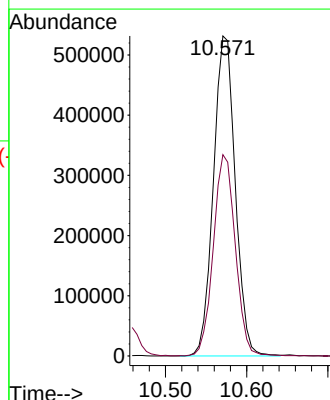
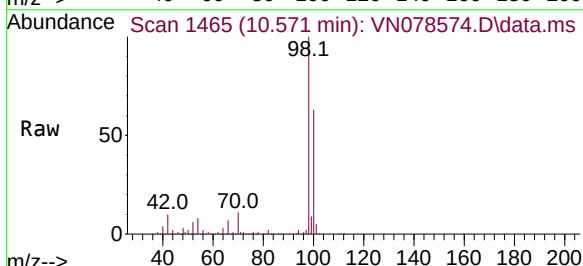
Delta R.T. -0.000 min

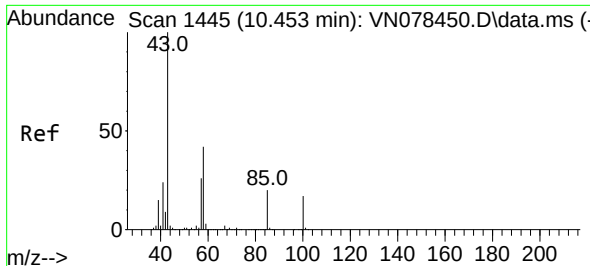
Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Tgt Ion: 98 Resp: 994833

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.0	78.0





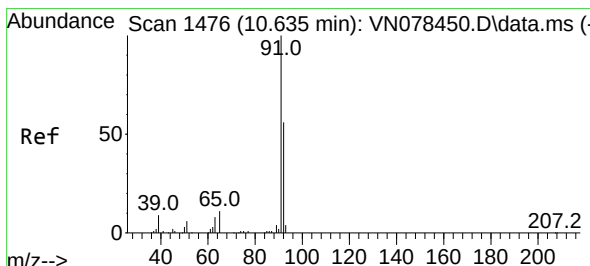
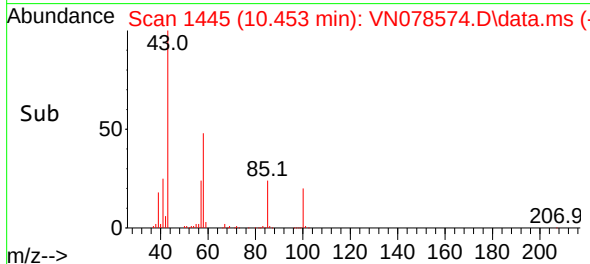
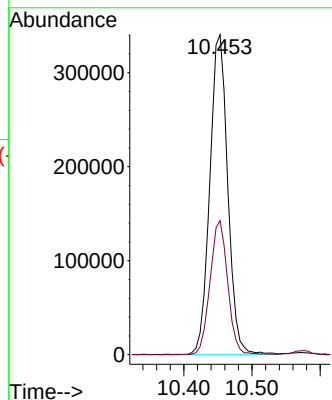
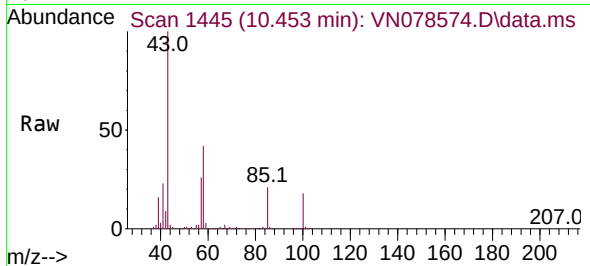
#51
4-Methyl-2-Pentanone
Concen: 101.108 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion: 43 Resp: 622560
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8

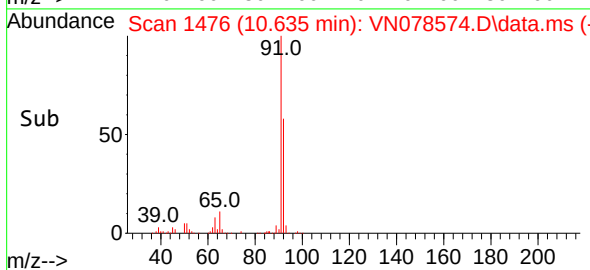
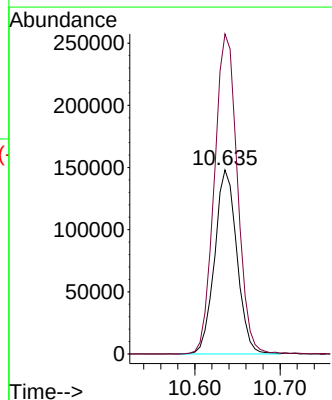
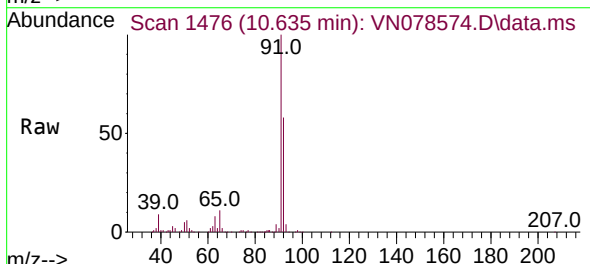
Manual Integrations
APPROVED

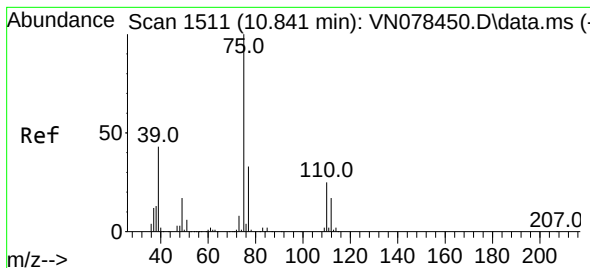
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#52
Toluene
Concen: 19.389 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

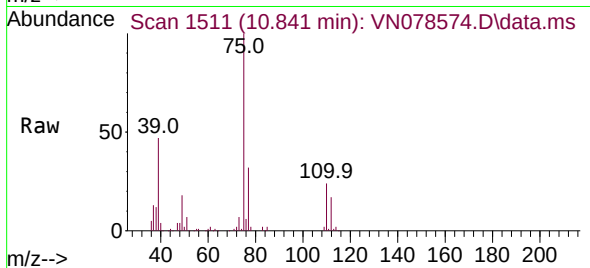
Tgt Ion: 92 Resp: 268525
Ion Ratio Lower Upper
92 100
91 180.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 21.230 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

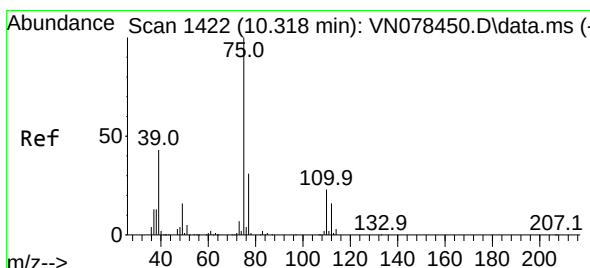
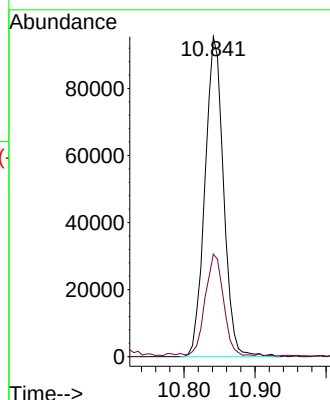
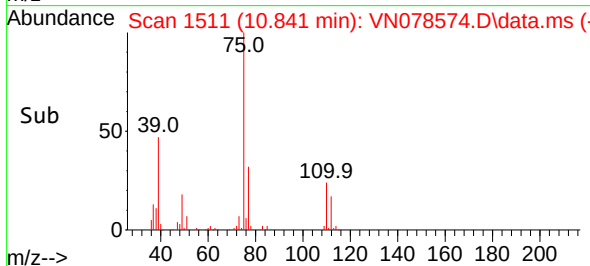
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 75 Resp: 173669
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

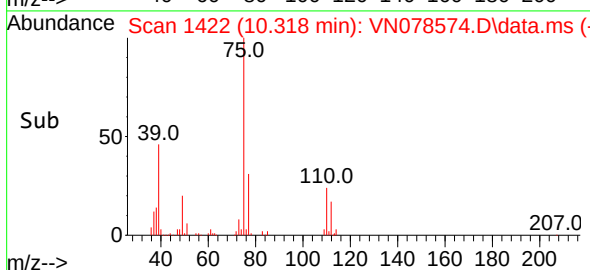
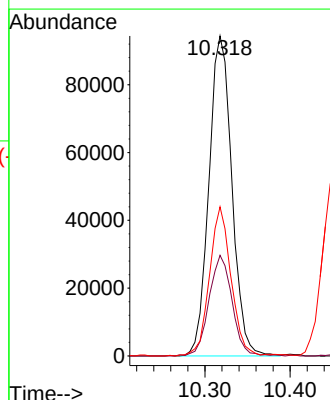
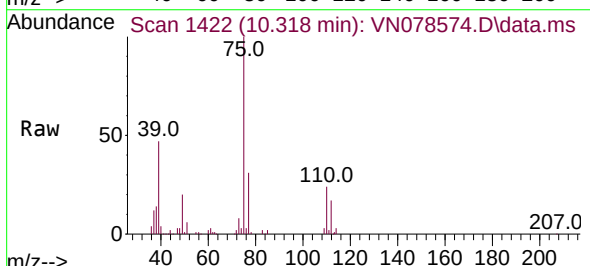
Manual Integrations
APPROVED

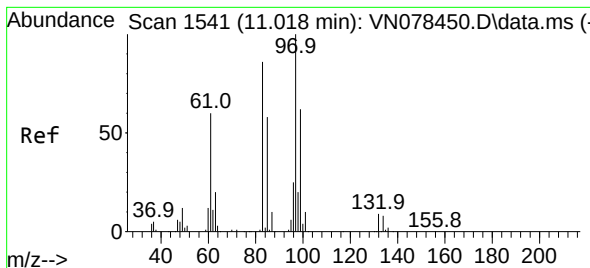
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#54
cis-1,3-Dichloropropene
Concen: 20.281 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Tgt Ion: 75 Resp: 176846
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 46.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.863 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion: 97 Resp: 113840

Ion Ratio Lower Upper

97 100

83 86.4 65.1 97.7

85 59.1 43.4 65.2

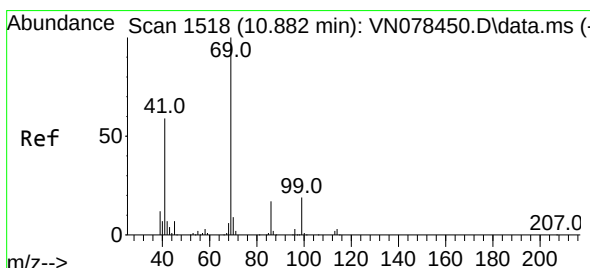
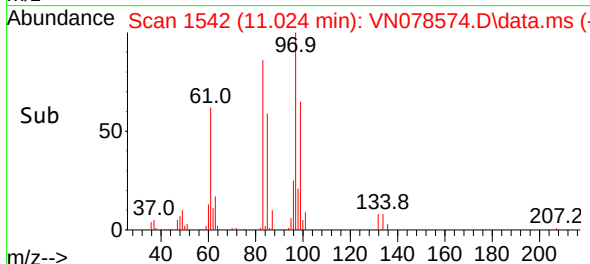
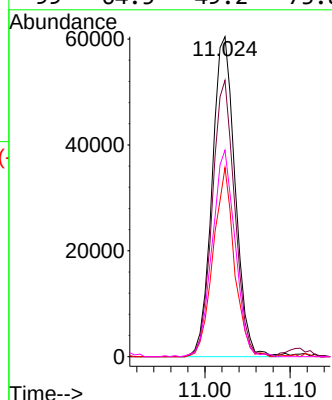
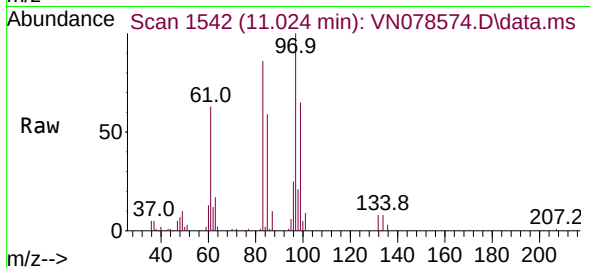
99 64.5 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#56

Ethyl methacrylate

Concen: 21.589 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

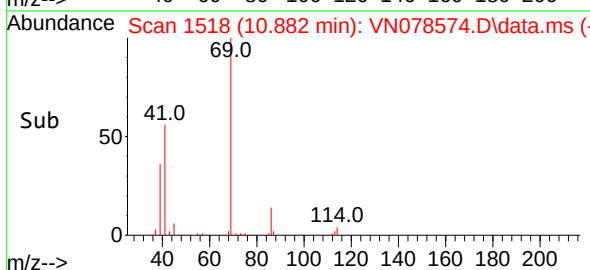
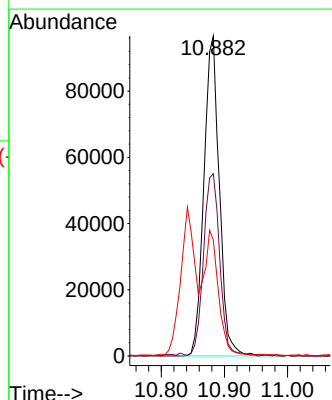
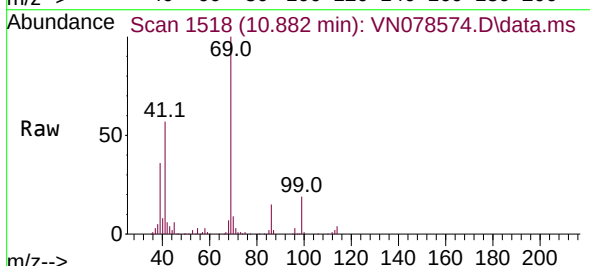
Tgt Ion: 69 Resp: 164675

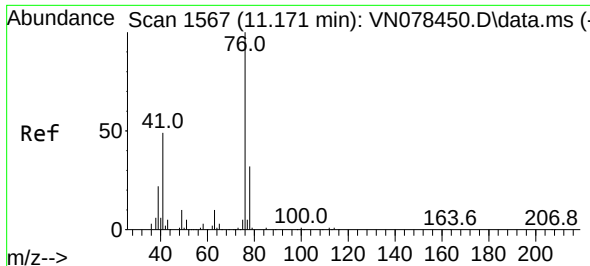
Ion Ratio Lower Upper

69 100

41 59.7 39.6 59.4#

39 36.3 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.108 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion: 76 Resp: 18655

Ion Ratio Lower Upper

76 100

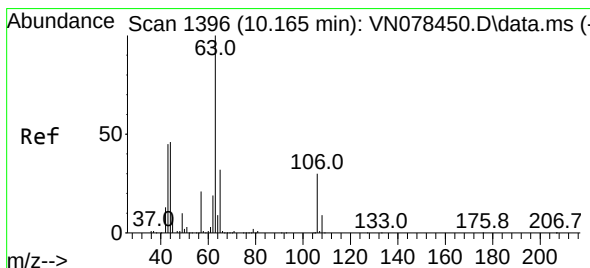
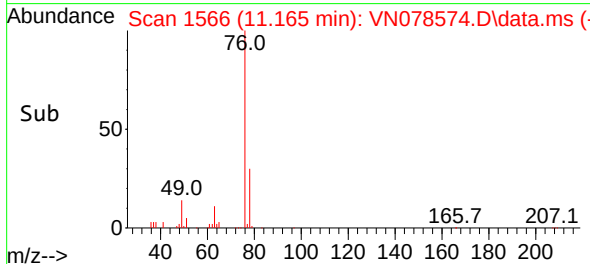
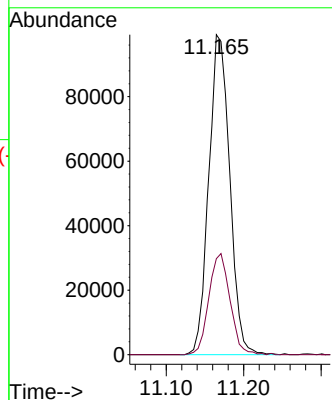
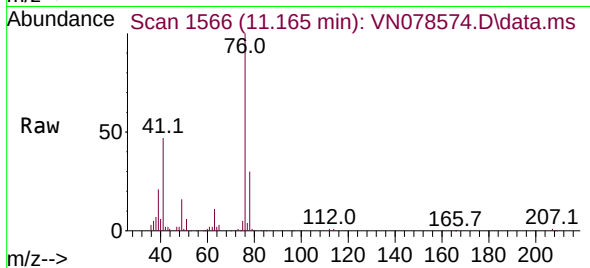
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 94.291 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078574.D

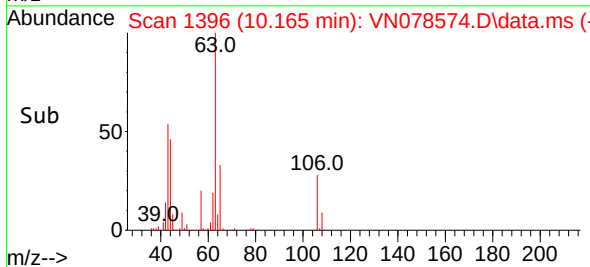
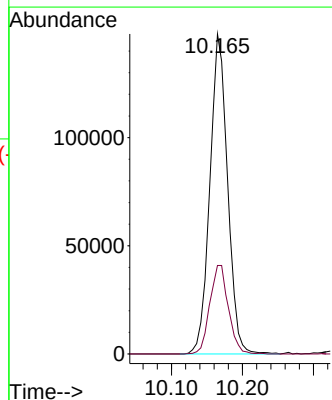
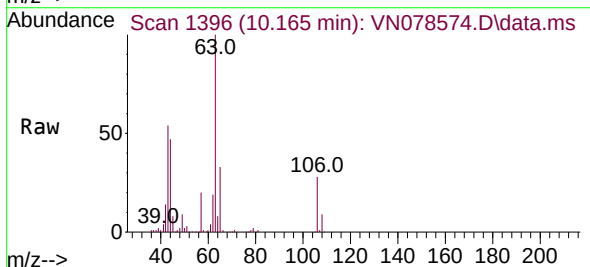
Acq: 19 Jul 2023 12:25

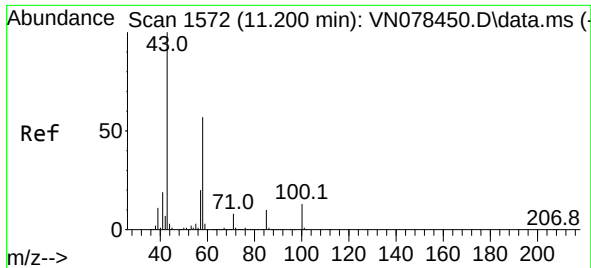
Tgt Ion: 63 Resp: 256313

Ion Ratio Lower Upper

63 100

106 29.0 26.2 39.4





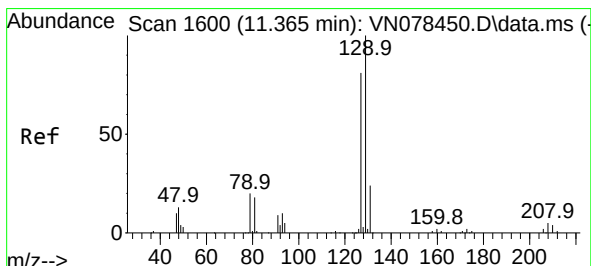
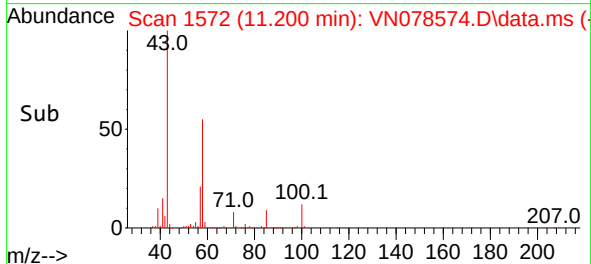
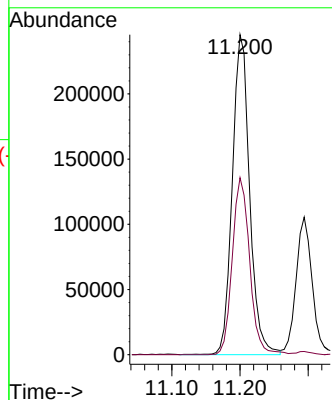
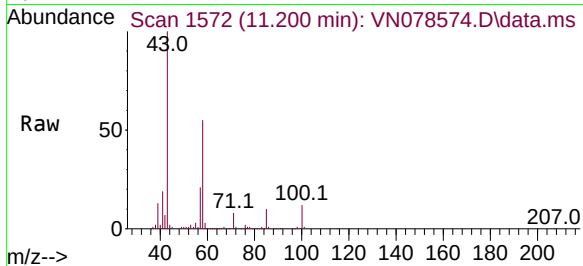
#59
2-Hexanone
Concen: 99.018 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion: 43 Resp: 43331
Ion Ratio Lower Upper
43 100
58 55.5 31.7 95.1

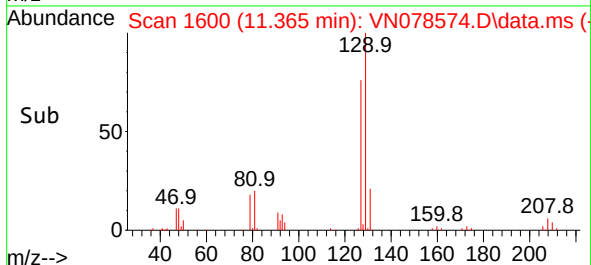
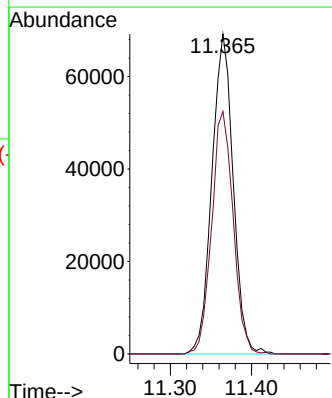
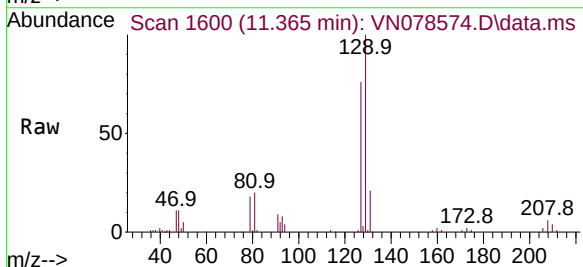
Manual Integrations
APPROVED

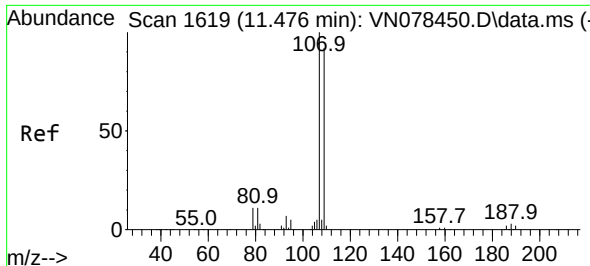
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#60
Dibromochloromethane
Concen: 20.930 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

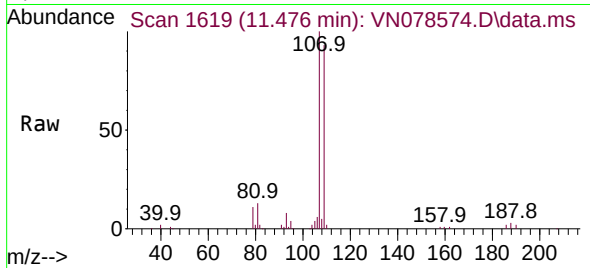
Tgt Ion:129 Resp: 126080
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.010 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

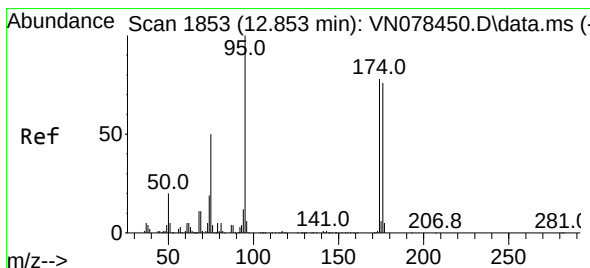
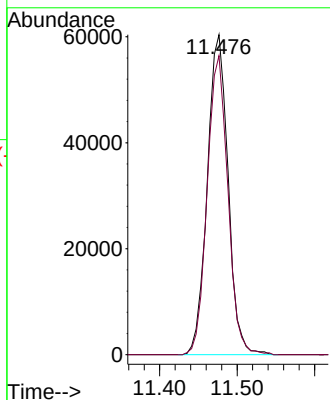
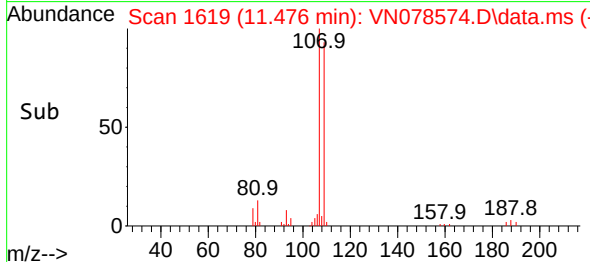
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion:107 Resp: 112476
Ion Ratio Lower Upper
107 100
109 93.0 76.6 114.8

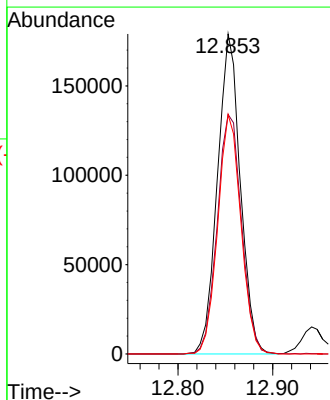
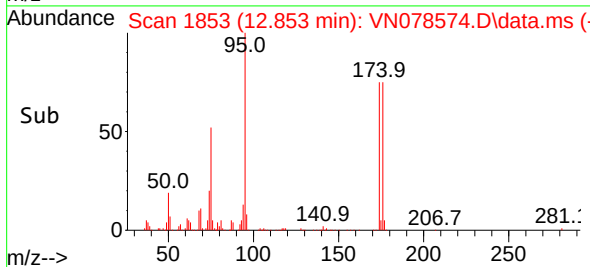
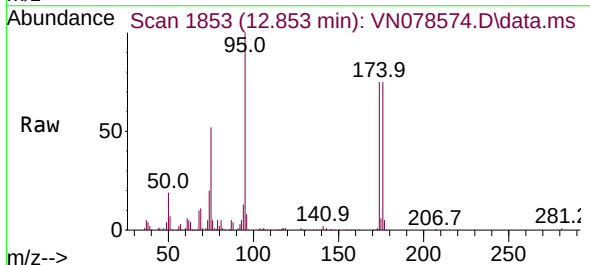
Manual Integrations
APPROVED

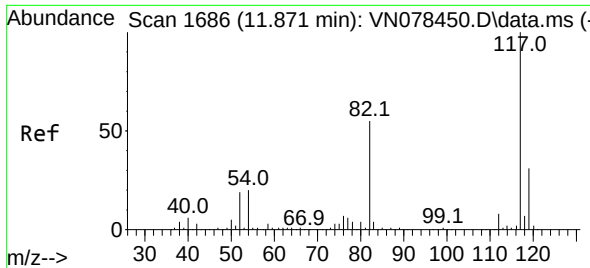
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#62
4-Bromofluorobenzene
Concen: 49.492 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

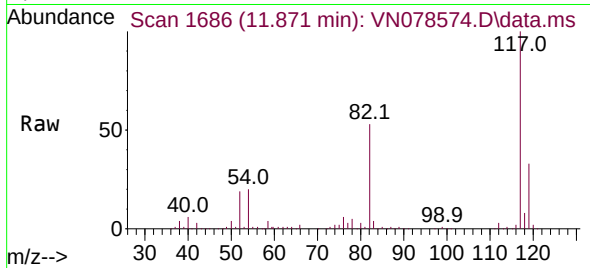
Tgt Ion: 95 Resp: 300833
Ion Ratio Lower Upper
95 100
174 79.6 0.0 143.8
176 75.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

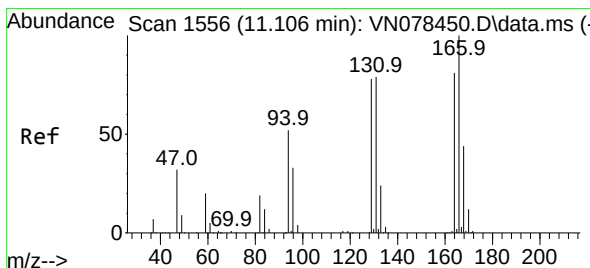
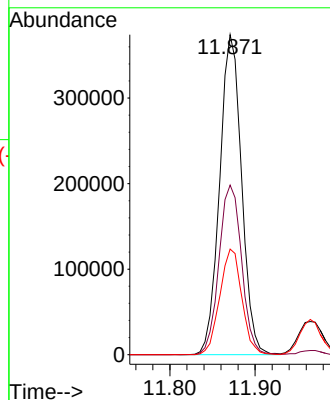
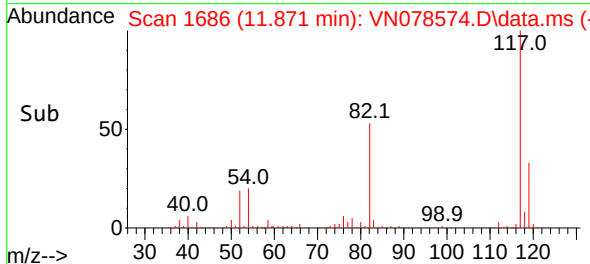
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion:117 Resp: 67039
Ion Ratio Lower Upper
117 100
82 53.0 44.0 66.0
119 33.0 25.6 38.4

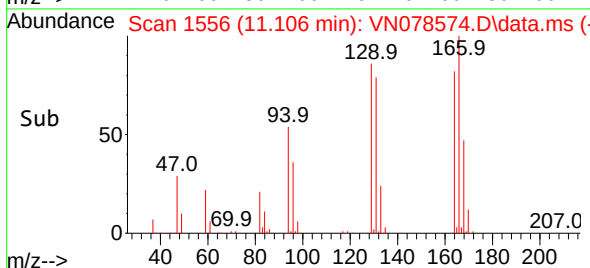
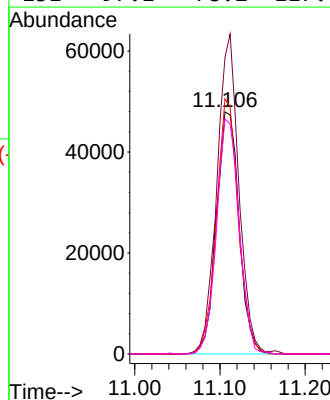
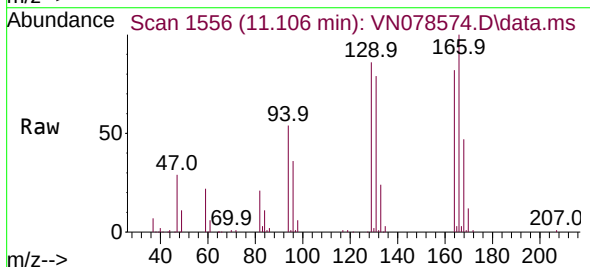
Manual Integrations
APPROVED

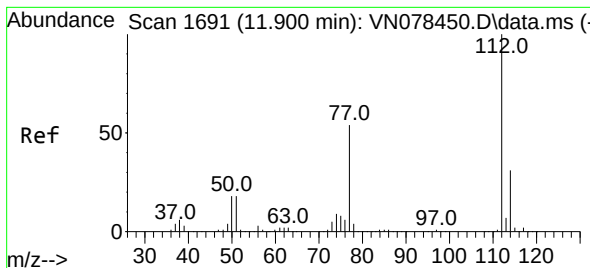
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#64
Tetrachloroethene
Concen: 17.623 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

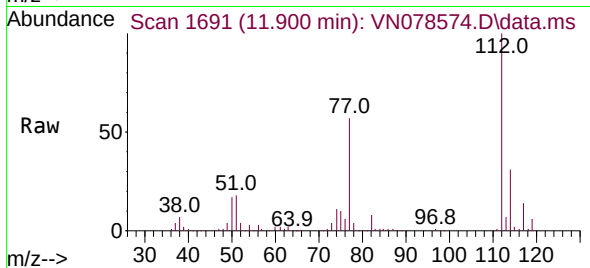
Tgt Ion:164 Resp: 88825
Ion Ratio Lower Upper
164 100
166 122.5 101.4 152.0
129 105.4 82.4 123.6
131 97.1 78.2 117.4





#65
Chlorobenzene
Concen: 19.140 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

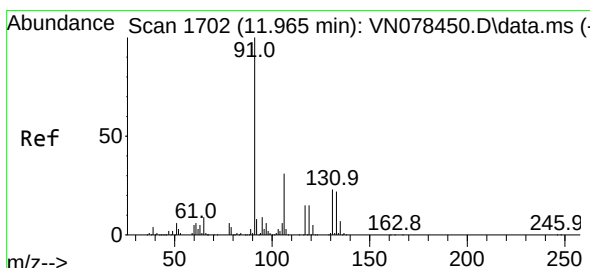
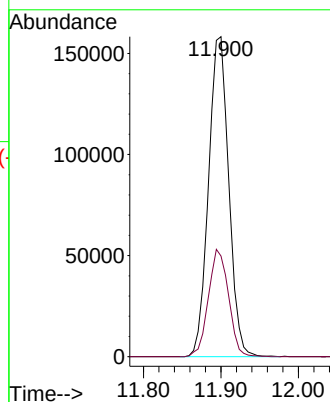
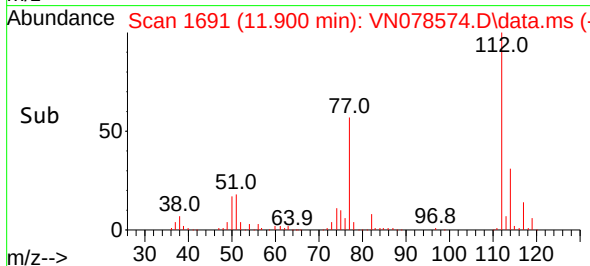
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



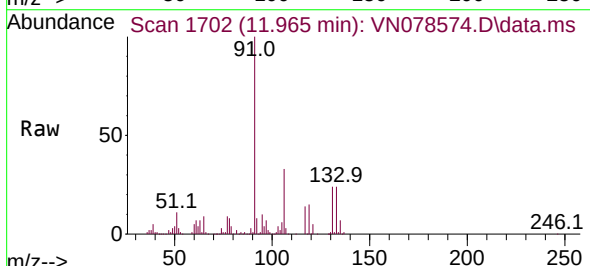
Tgt Ion:112 Resp: 286812
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4

Manual Integrations
APPROVED

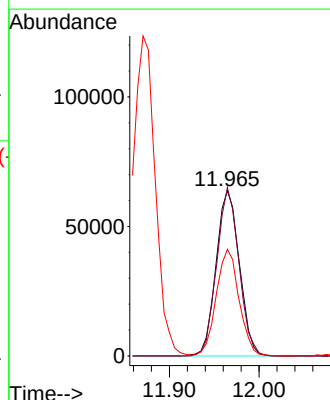
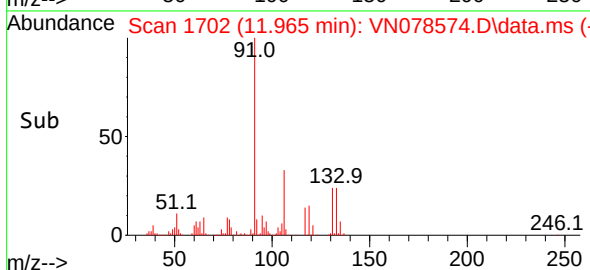
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

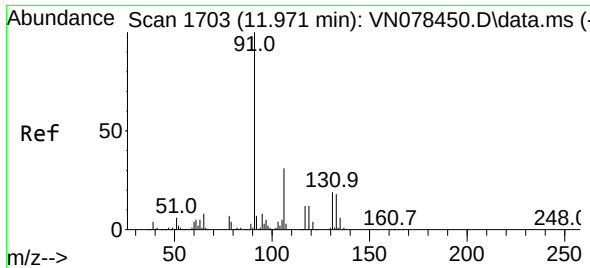


#66
1,1,1,2-Tetrachloroethane
Concen: 19.901 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25



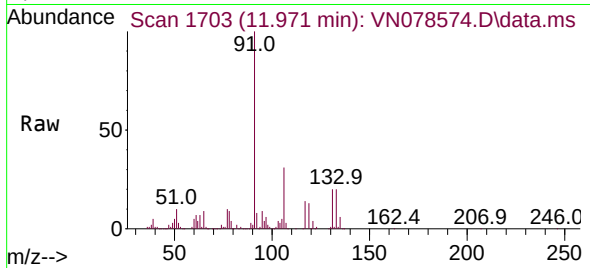
Tgt Ion:131 Resp: 114721
Ion Ratio Lower Upper
131 100
133 97.4 46.4 139.1
119 63.5 34.1 102.2





#67
Ethyl Benzene
Concen: 19.369 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

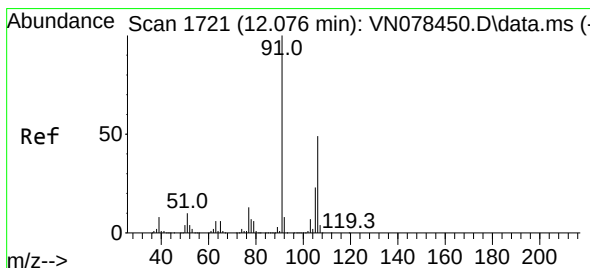
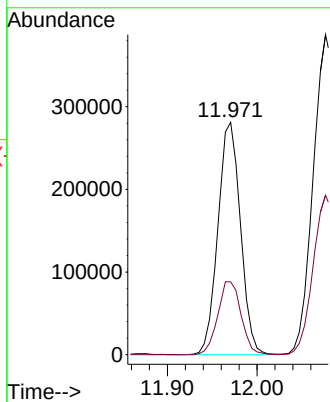
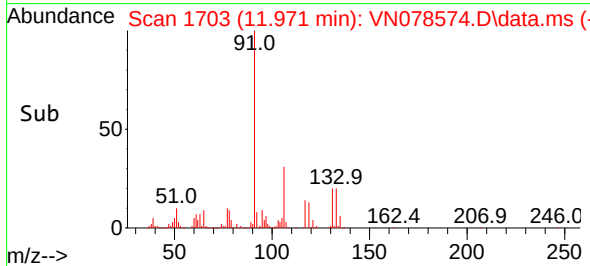
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



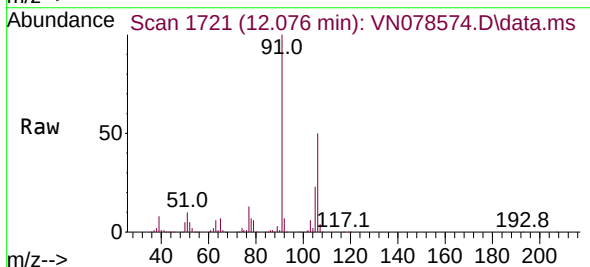
Tgt Ion: 91 Resp: 490598
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

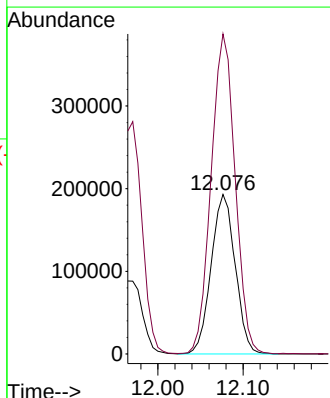
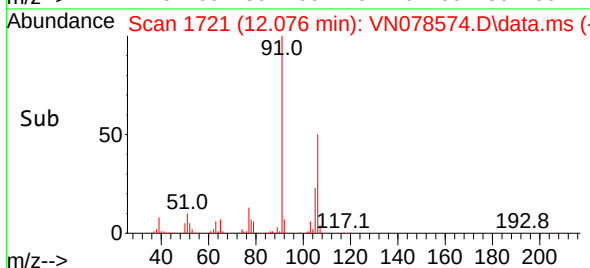
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

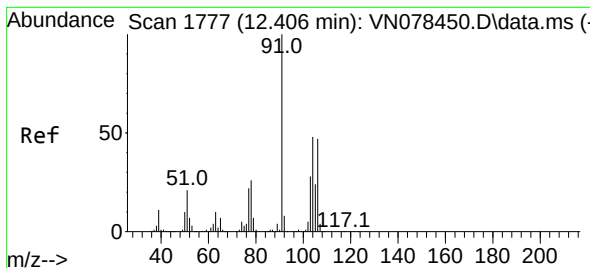


#68
m/p-Xylenes
Concen: 40.412 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25



Tgt Ion:106 Resp: 378458
Ion Ratio Lower Upper
106 100
91 200.1 159.6 239.4





#69

o-Xylene

Concen: 19.507 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion:106 Resp: 18451

Ion Ratio Lower Upper

106 100

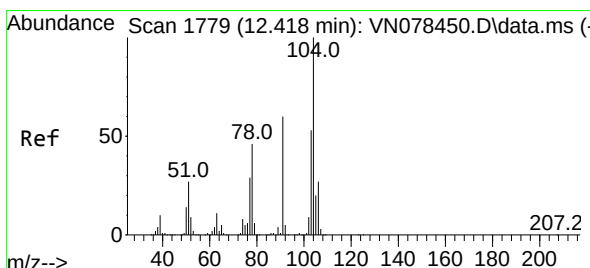
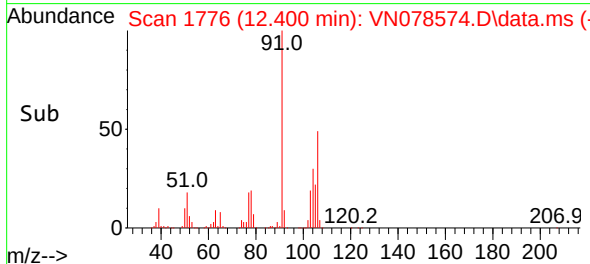
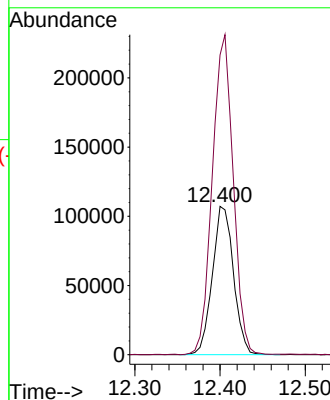
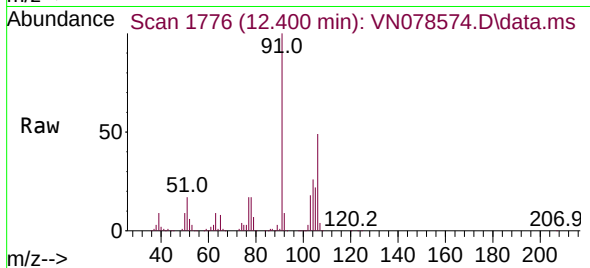
91 213.5 105.2 315.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#70

Styrene

Concen: 19.879 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

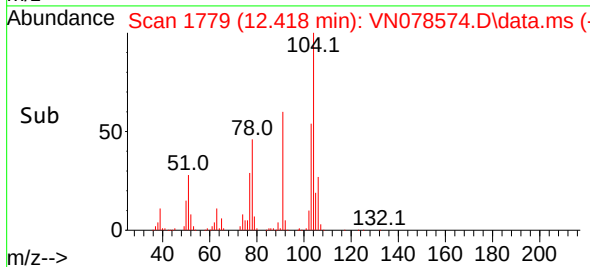
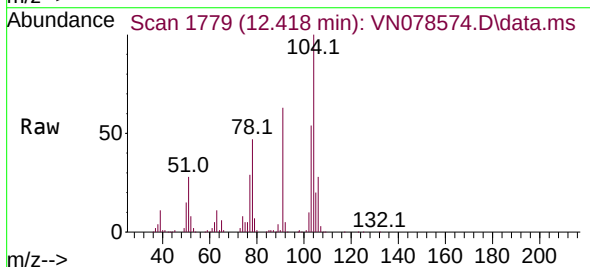
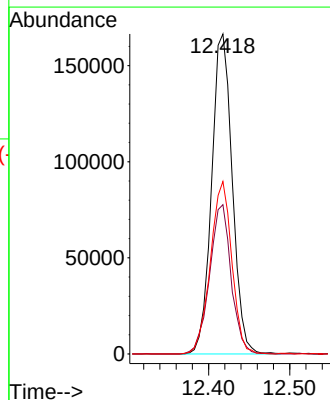
Tgt Ion:104 Resp: 294181

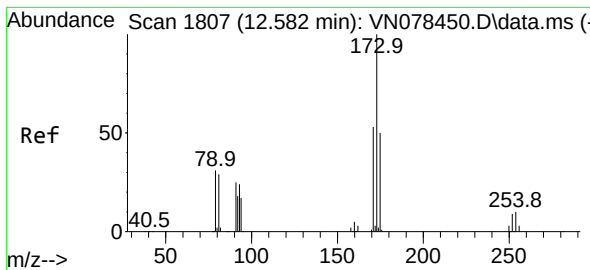
Ion Ratio Lower Upper

104 100

78 48.7 39.5 59.3

103 55.9 43.2 64.8





#71

Bromoform

Concen: 19.958 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion:173 Resp: 77919

Ion Ratio Lower Upper

173 100

175 46.8 24.3 73.0

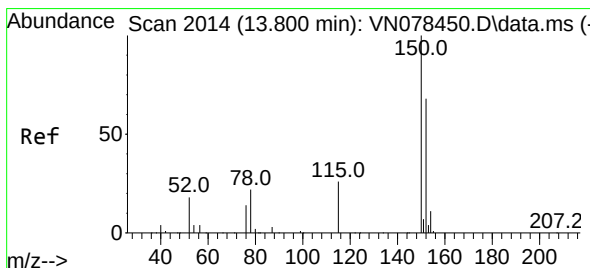
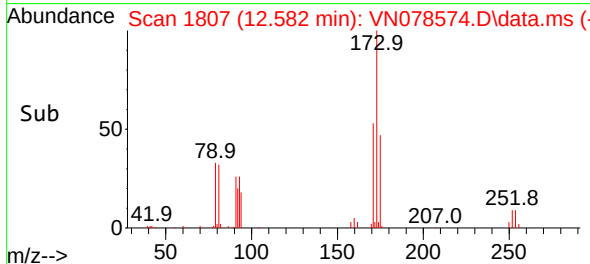
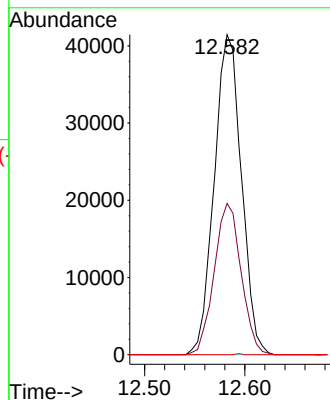
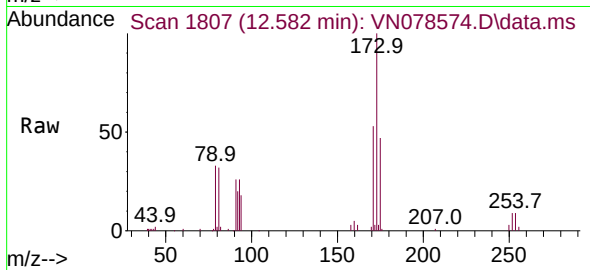
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

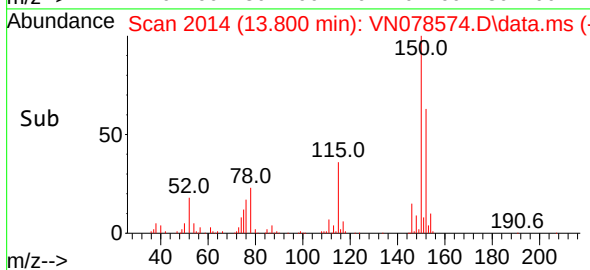
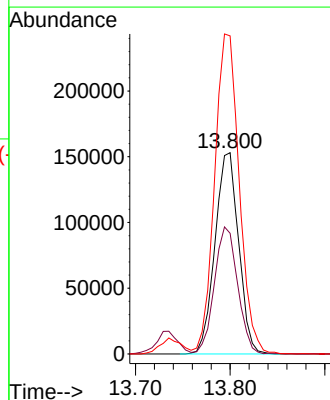
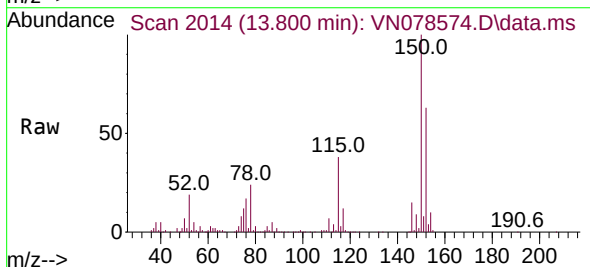
Tgt Ion:152 Resp: 265040

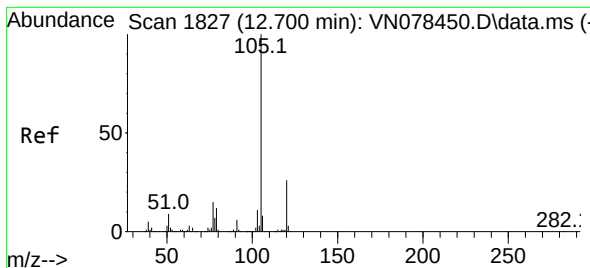
Ion Ratio Lower Upper

152 100

115 62.4 32.3 96.8

150 165.7 0.0 355.8





#73

Isopropylbenzene

Concen: 18.621 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

Tgt Ion:105 Resp: 46374

Ion Ratio Lower Upper

105 100

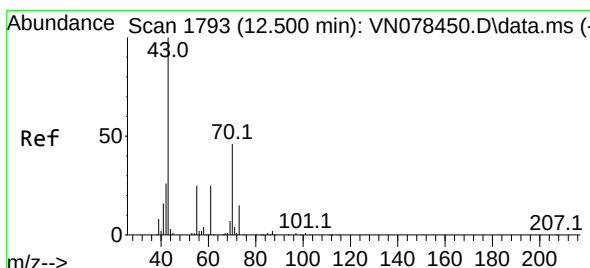
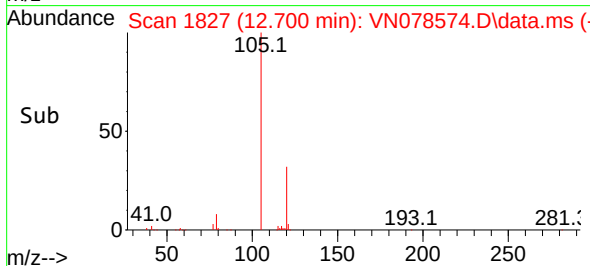
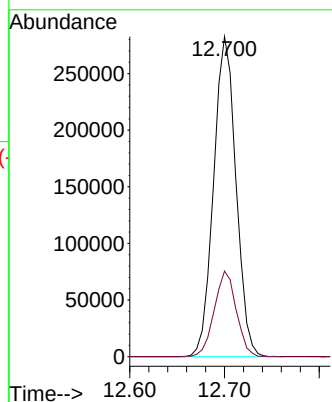
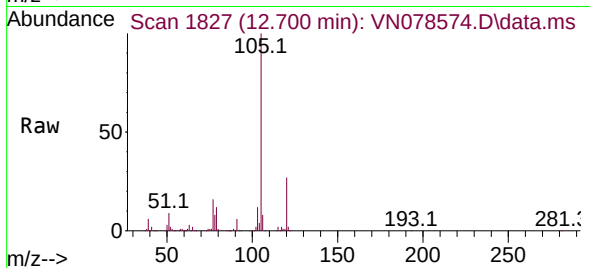
120 26.3 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#74

N-ethyl acetate

Concen: 18.072 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078574.D

Acq: 19 Jul 2023 12:25

Tgt Ion: 43 Resp: 155106

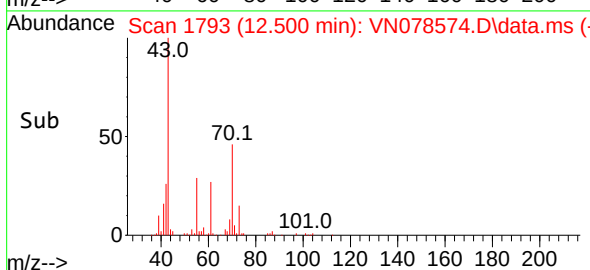
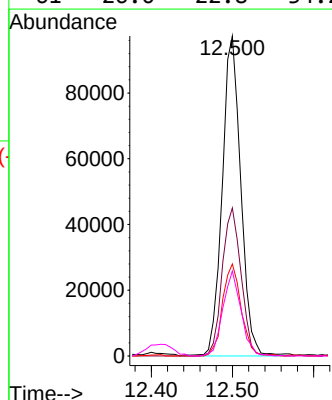
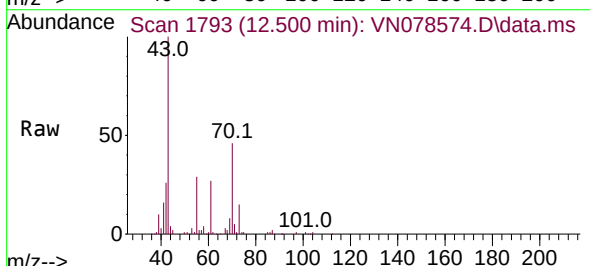
Ion Ratio Lower Upper

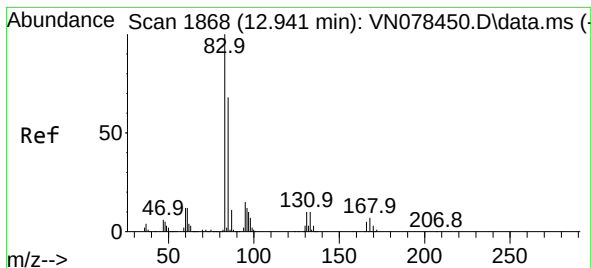
43 100

70 46.9 43.4 65.2

55 28.8 21.4 32.0

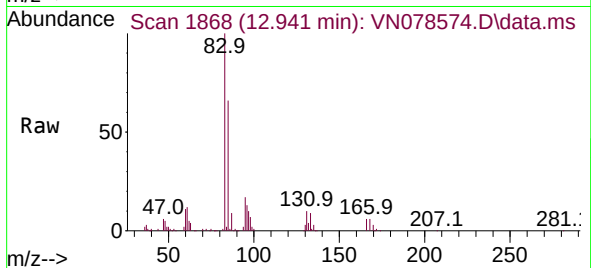
61 26.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.907 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

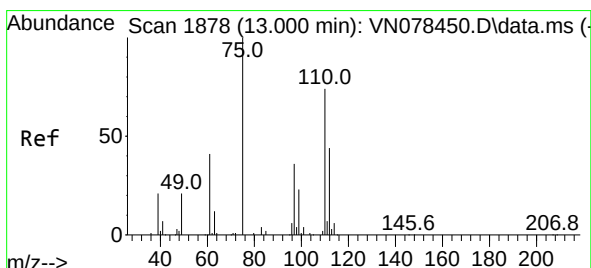
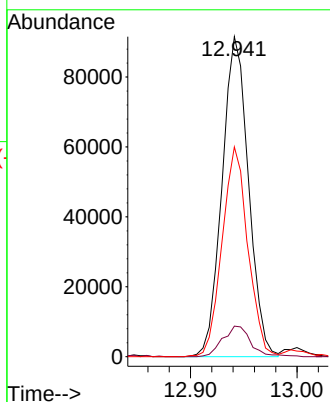
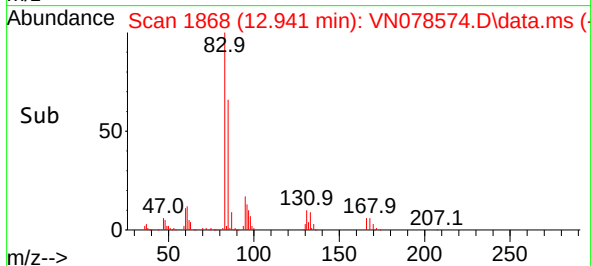
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



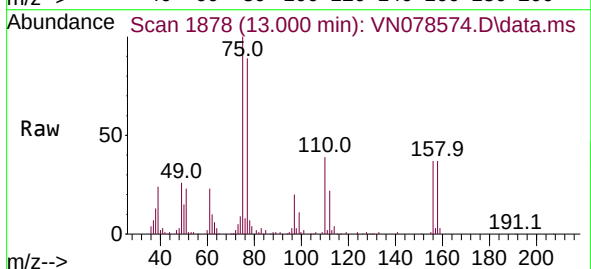
Tgt Ion: 83 Resp: 157960
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 63.7 31.9 95.7

Manual Integrations
APPROVED

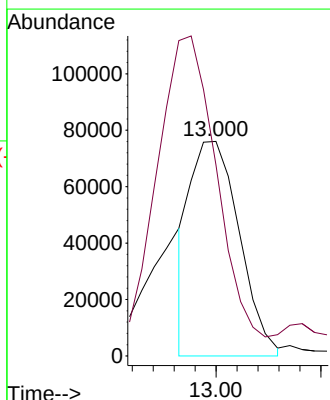
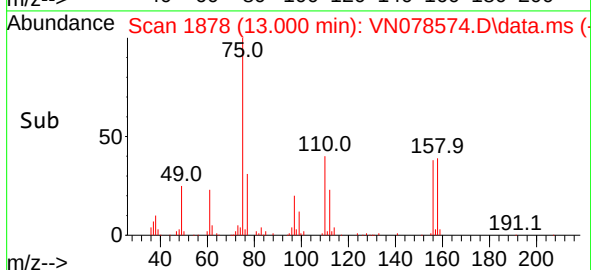
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

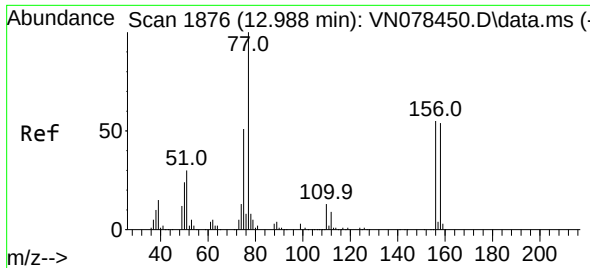


#76
1,2,3-Trichloropropane
Concen: 19.297 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25



Tgt Ion: 75 Resp: 123620
Ion Ratio Lower Upper
75 100
77 187.6 84.5 253.5





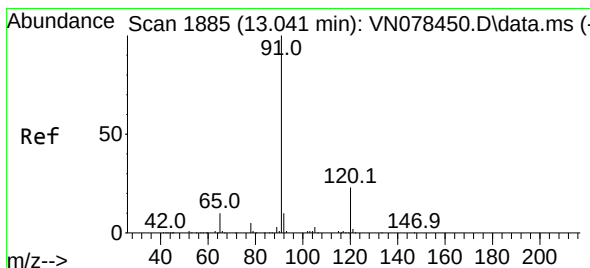
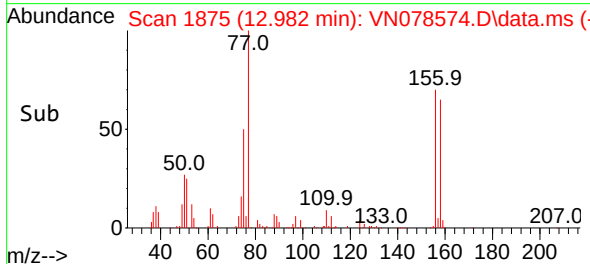
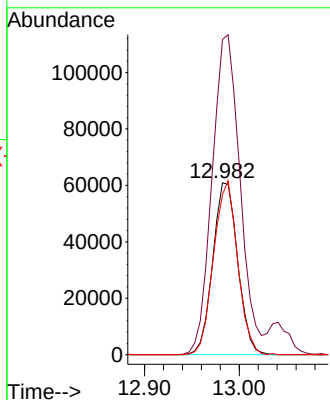
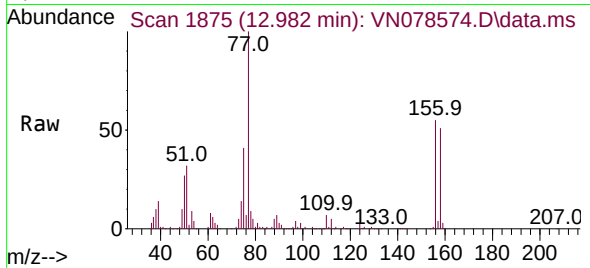
#77
Bromobenzene
Concen: 19.622 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion:156 Resp: 111350
Ion Ratio Lower Upper
156 100
77 208.2 107.7 323.3
158 97.4 48.4 145.3

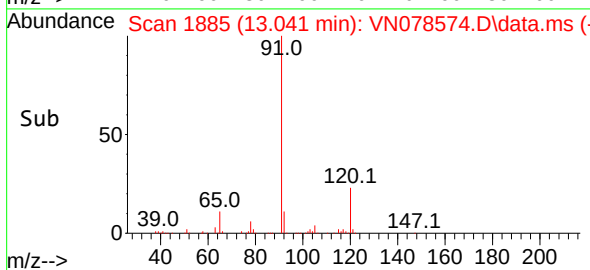
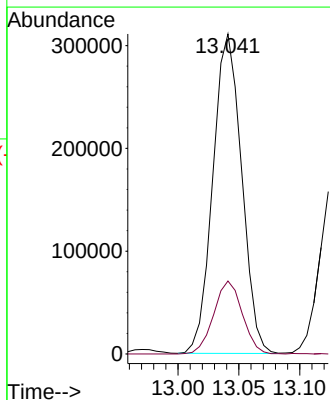
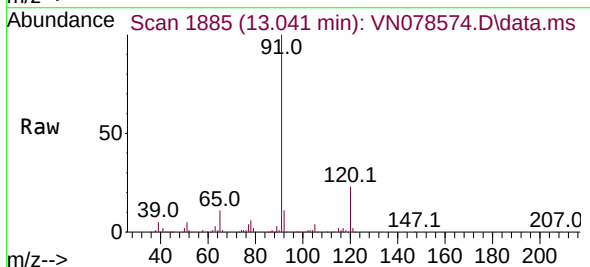
Manual Integrations
APPROVED

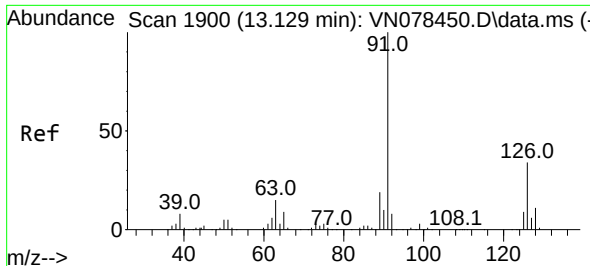
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#78
n-propylbenzene
Concen: 19.159 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Tgt Ion: 91 Resp: 510279
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





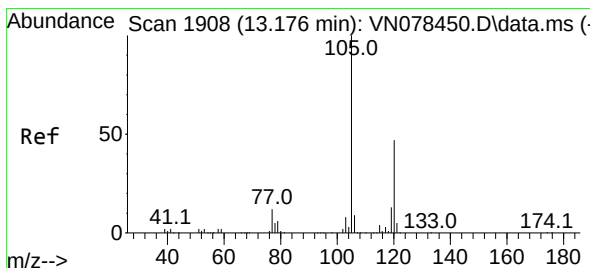
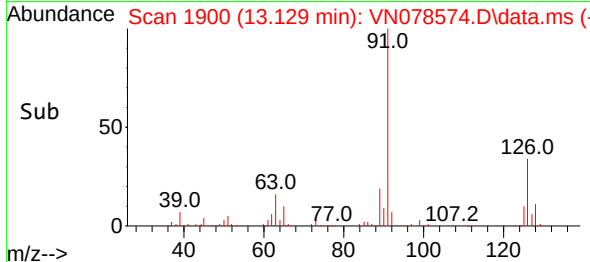
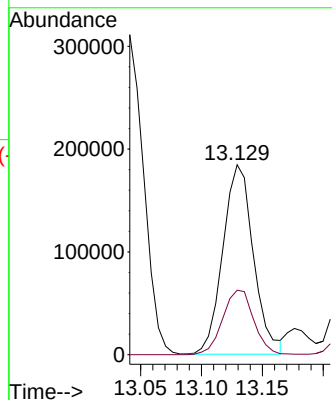
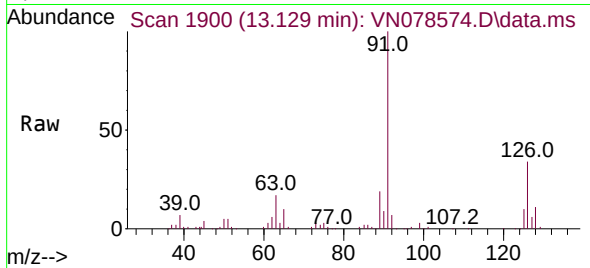
#79
2-Chlorotoluene
Concen: 18.478 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion: 91 Resp: 322352
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8

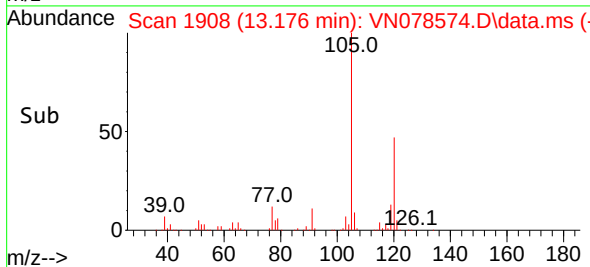
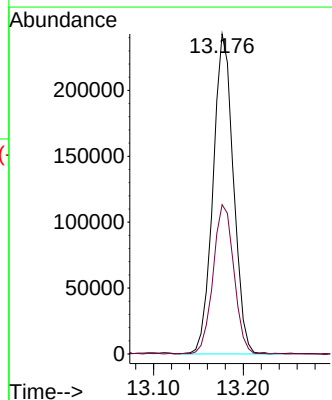
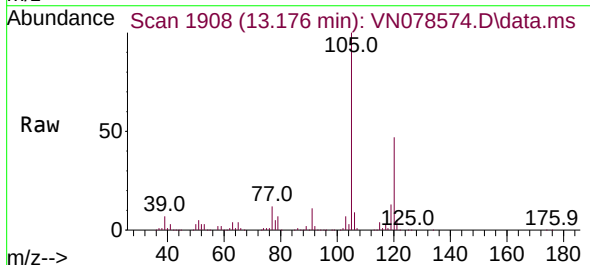
Manual Integrations
APPROVED

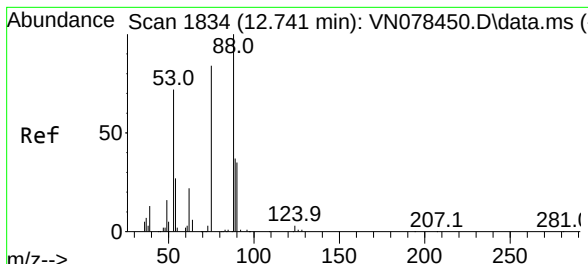
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.460 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

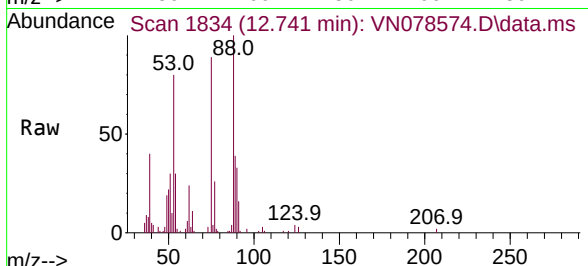
Tgt Ion:105 Resp: 382918
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
 trans-1,4-Dichloro-2-butene
 Concen: 17.319 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN078574.D
 Acq: 19 Jul 2023 12:25

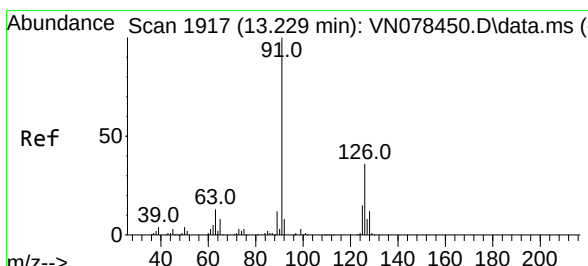
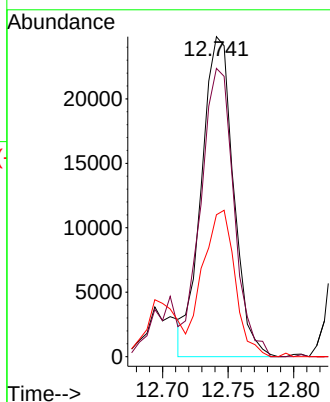
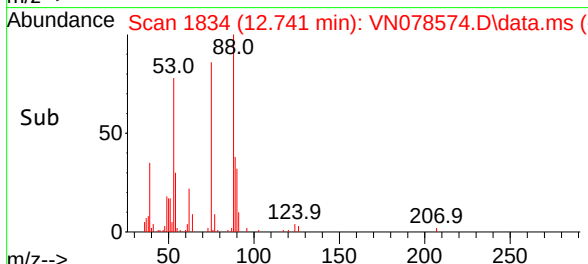
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01



Tgt Ion:	75	Resp:	4222
Ion Ratio	Lower	Upper	
75	100		
53	92.9	67.4	101.2
89	45.9	38.8	58.2

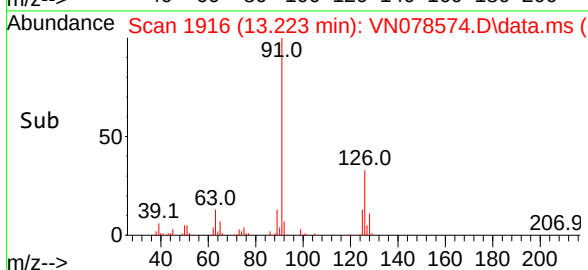
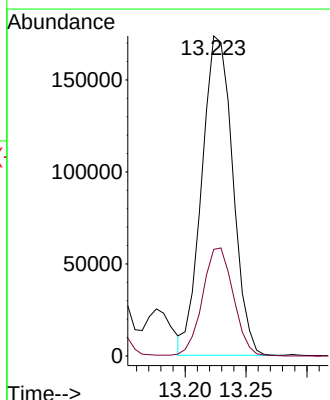
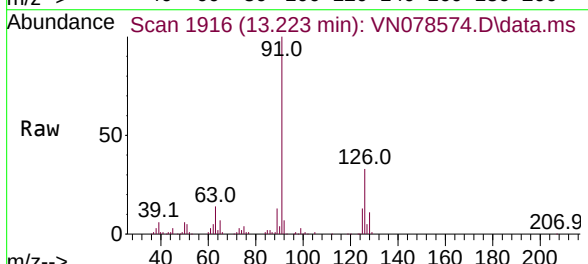
Manual Integrations
 APPROVED

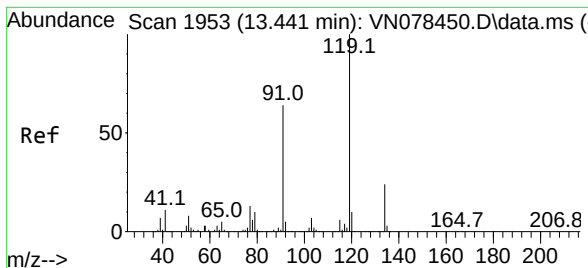
Reviewed By :John Carlone 07/20/2023
 Supervised By :Mahesh Dadoda 07/20/2023



#82
 4-Chlorotoluene
 Concen: 18.865 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: VN078574.D
 Acq: 19 Jul 2023 12:25

Tgt Ion:	91	Resp:	307015
Ion Ratio	Lower	Upper	
91	100		
126	33.7	16.7	50.0





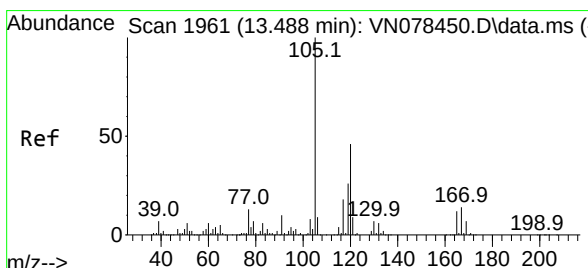
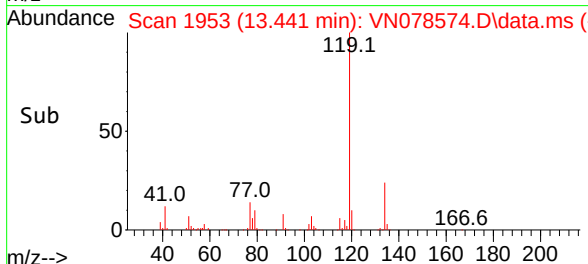
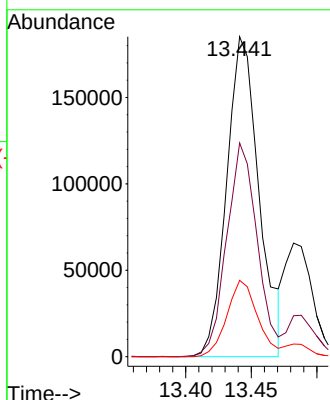
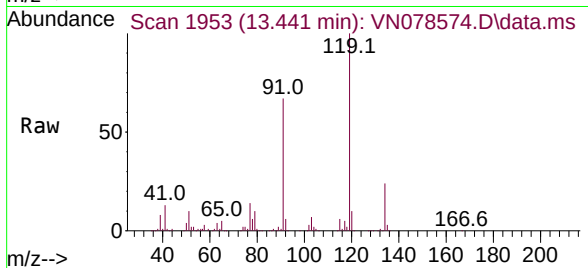
#83
tert-Butylbenzene
Concen: 19.064 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion:119 Resp: 31849
Ion Ratio Lower Upper
119 100
91 63.2 33.9 101.7
134 22.6 13.2 39.6

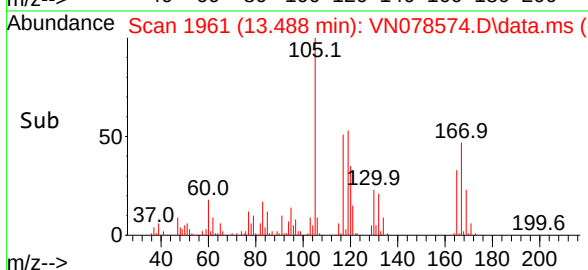
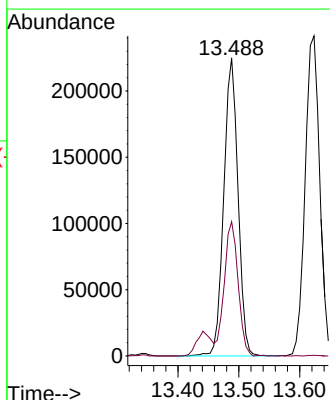
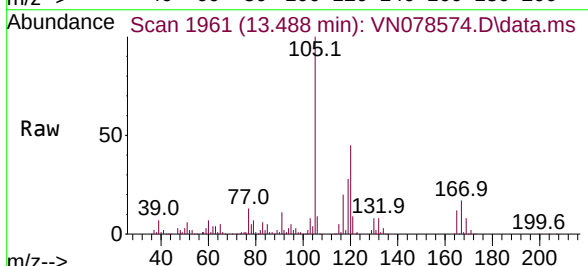
Manual Integrations
APPROVED

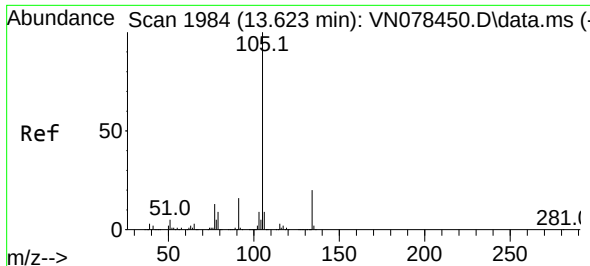
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.147 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

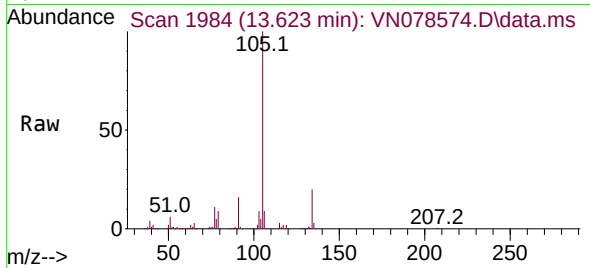
Tgt Ion:105 Resp: 365958
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.012 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078574.D
 Acq: 19 Jul 2023 12:25

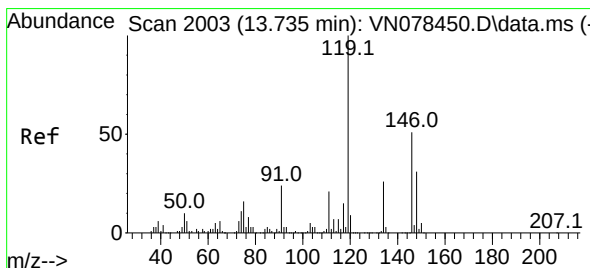
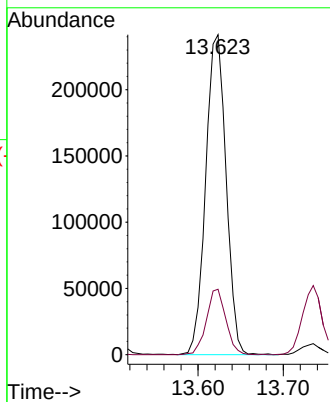
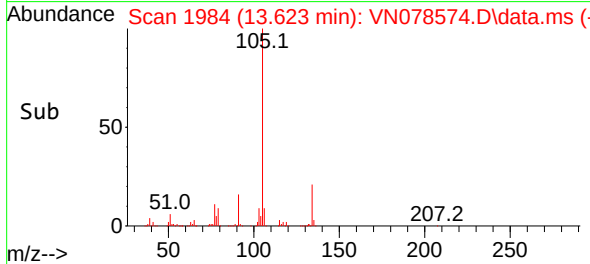
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01



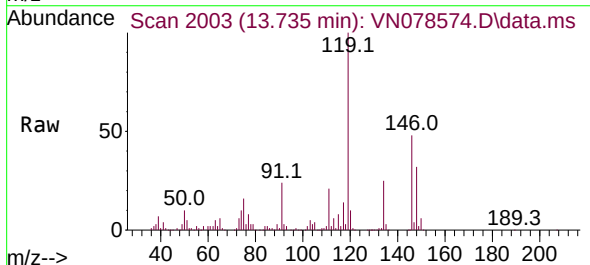
Tgt Ion:105 Resp: 401459
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

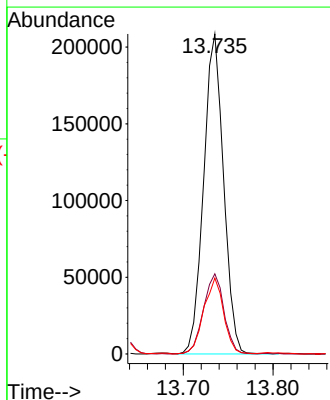
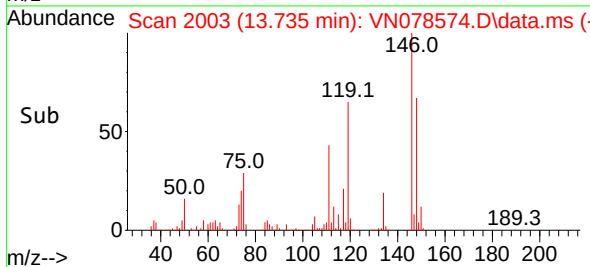
Reviewed By :John Carlone 07/20/2023
 Supervised By :Mahesh Dadoda 07/20/2023

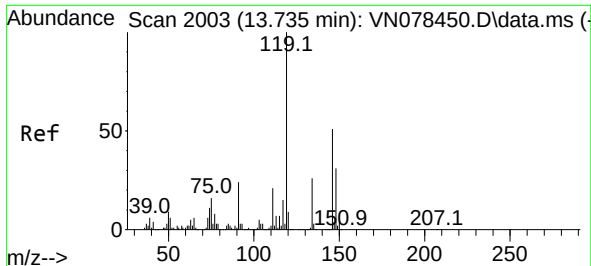


#86
 p-Isopropyltoluene
 Concen: 18.988 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078574.D
 Acq: 19 Jul 2023 12:25



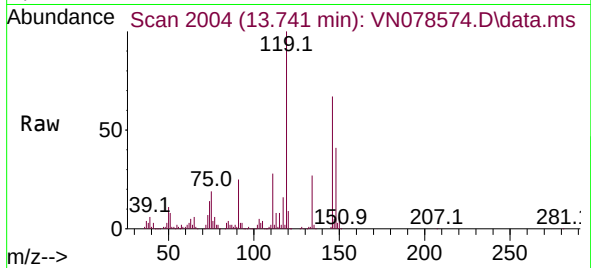
Tgt Ion:119 Resp: 321962
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 23.7 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 19.359 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN078574.D
 Acq: 19 Jul 2023 12:25

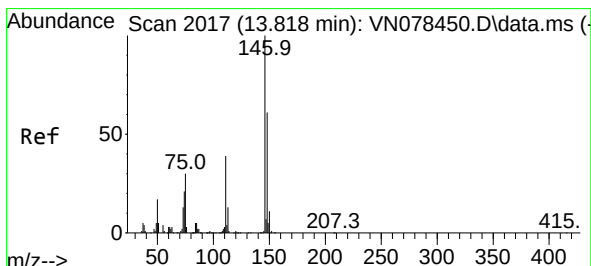
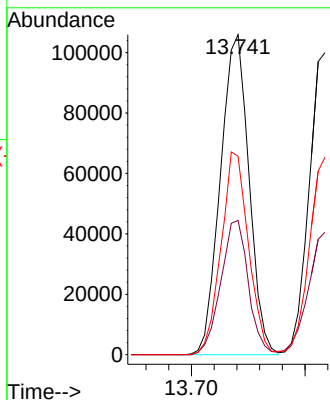
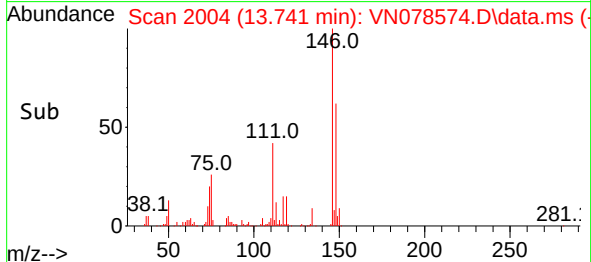
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01



Tgt Ion:146 Resp: 18508
 Ion Ratio Lower Upper
 146 100
 111 40.5 22.1 66.3
 148 60.9 32.0 96.0

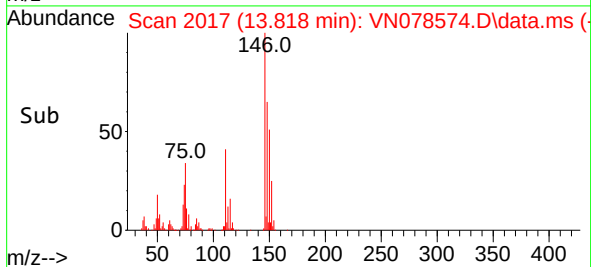
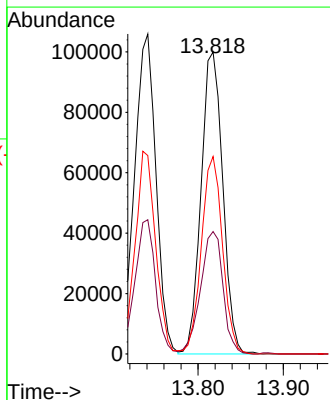
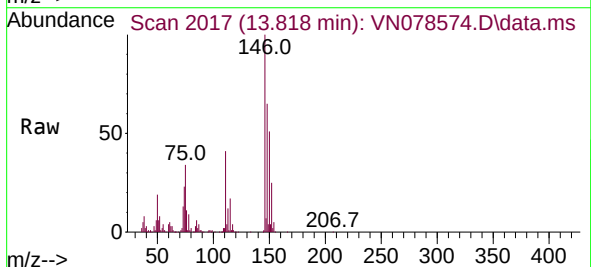
Manual Integrations
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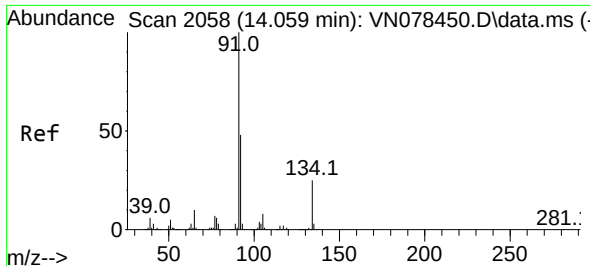
Reviewed By :John Carlone 07/20/2023
 Supervised By :Mahesh Dadoda 07/20/2023



#88
 1,4-Dichlorobenzene
 Concen: 18.377 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078574.D
 Acq: 19 Jul 2023 12:25

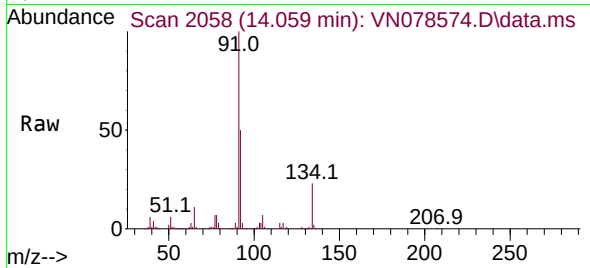
Tgt Ion:146 Resp: 176968
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.8
 148 63.9 31.6 94.8





#89
n-Butylbenzene
Concen: 19.575 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

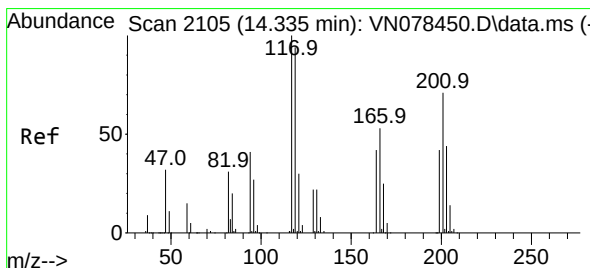
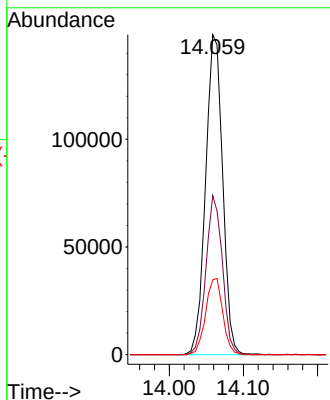
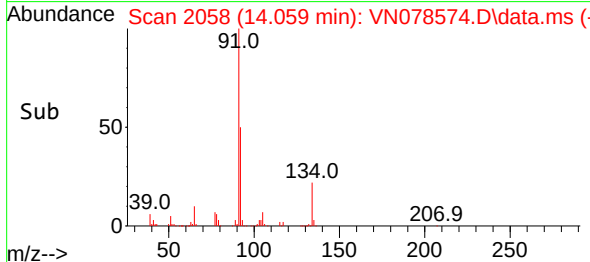
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



Tgt Ion: 91 Resp: 23748
Ion Ratio Lower Upper
91 100
92 47.9 26.4 79.0
134 24.0 12.6 37.6

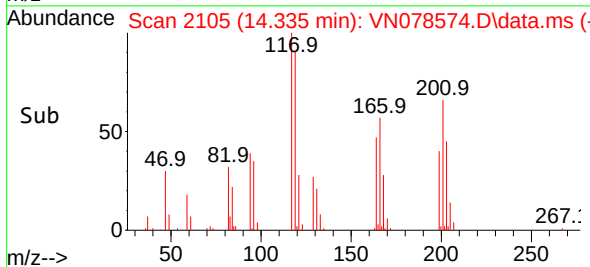
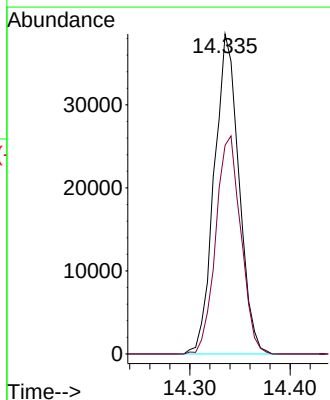
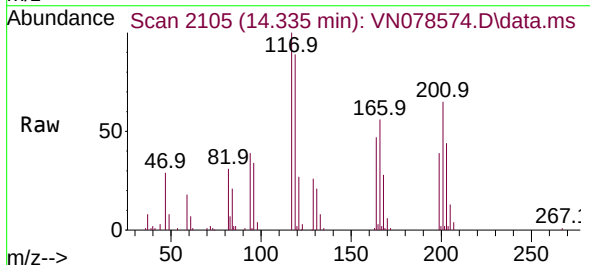
Manual Integrations
APPROVED

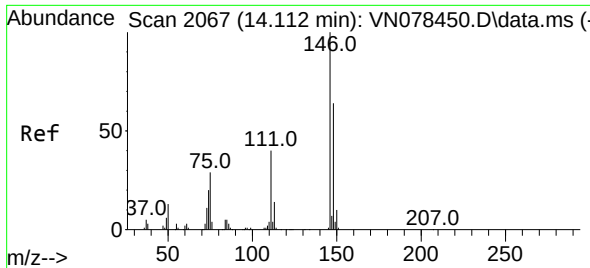
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#90
Hexachloroethane
Concen: 20.680 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Tgt Ion:117 Resp: 65940
Ion Ratio Lower Upper
117 100
201 69.2 29.3 88.0





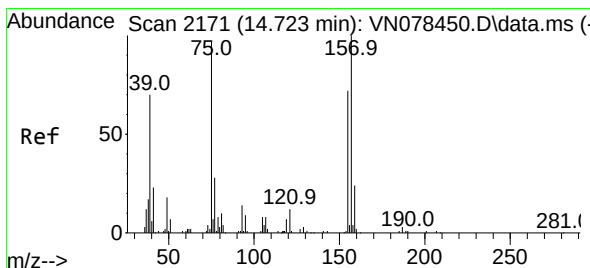
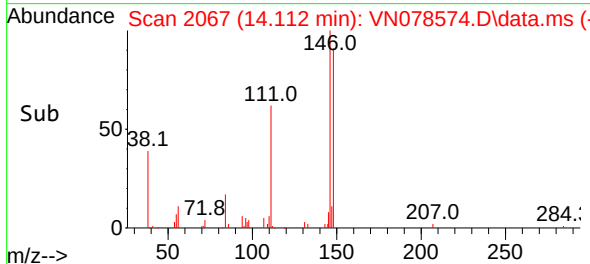
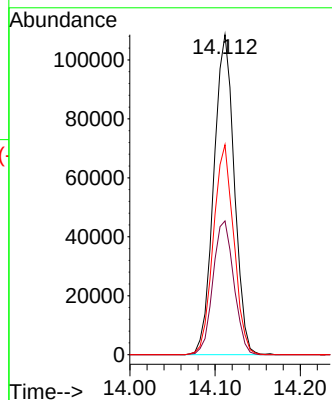
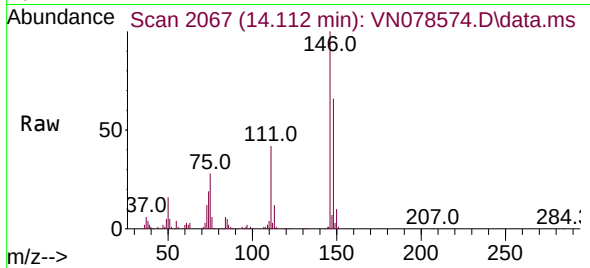
#91
1,2-Dichlorobenzene
Concen: 19.127 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion:146 Resp: 18198
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 65.4 31.8 95.3

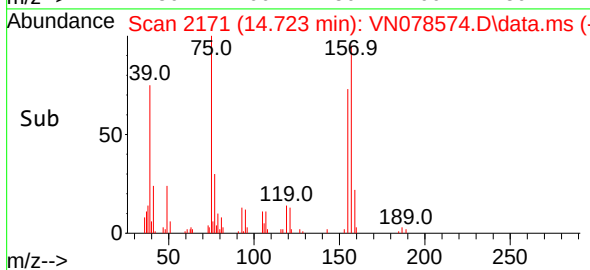
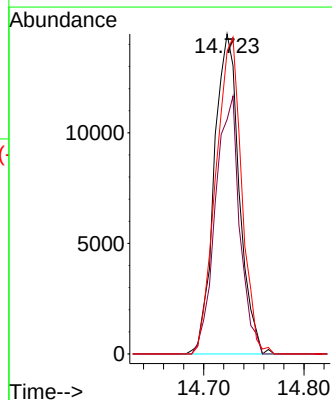
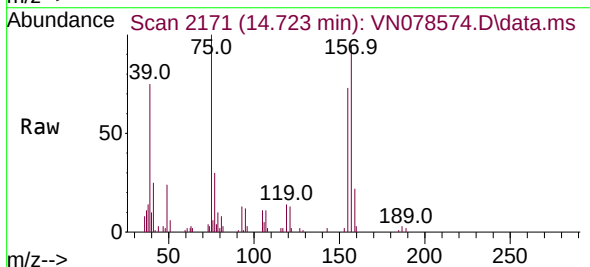
Manual Integrations
APPROVED

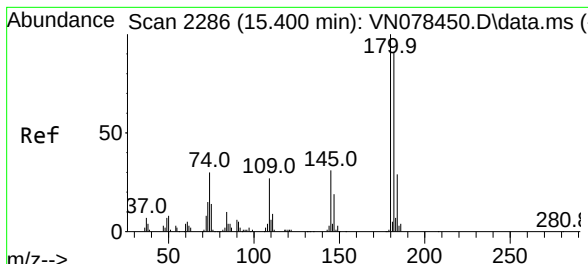
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.880 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

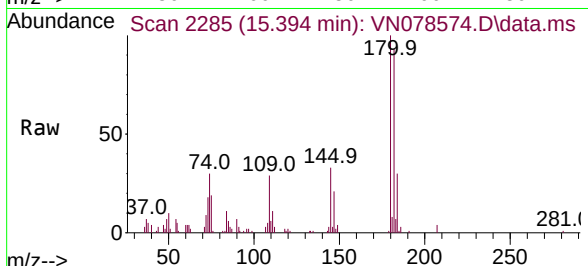
Tgt Ion: 75 Resp: 25081
Ion Ratio Lower Upper
75 100
155 78.2 39.1 117.2
157 102.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.848 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

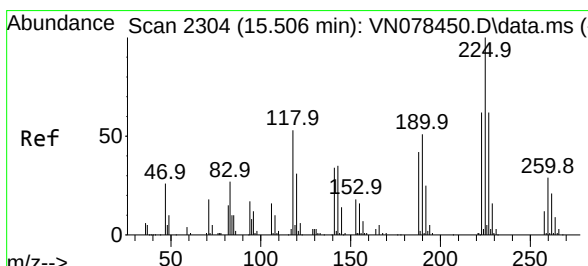
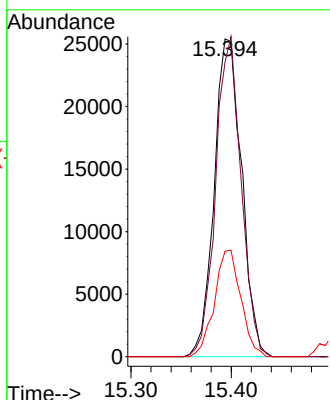
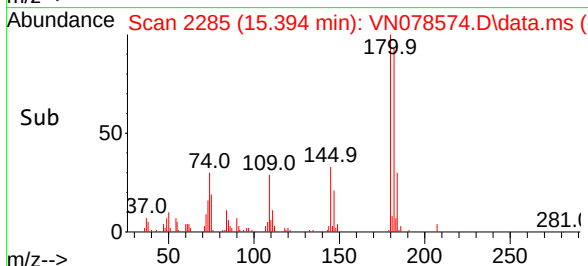
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



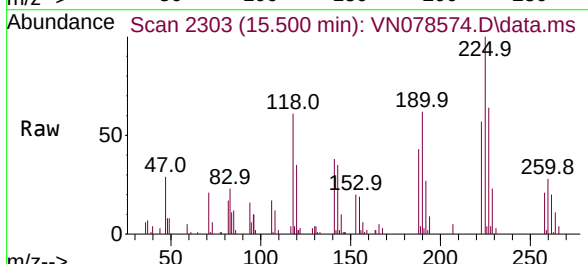
Tgt Ion:180 Resp: 48124
Ion Ratio Lower Upper
180 100
182 93.8 46.1 138.2
145 32.4 16.6 49.8

Manual Integrations
APPROVED

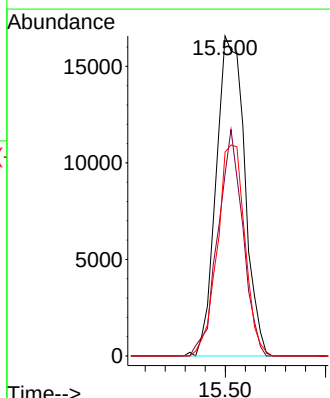
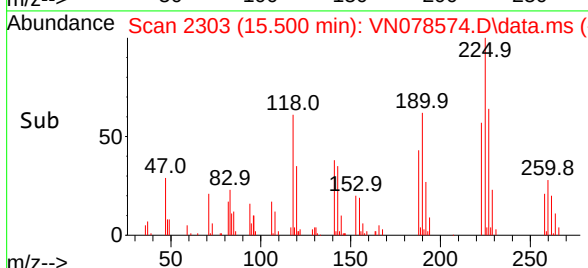
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

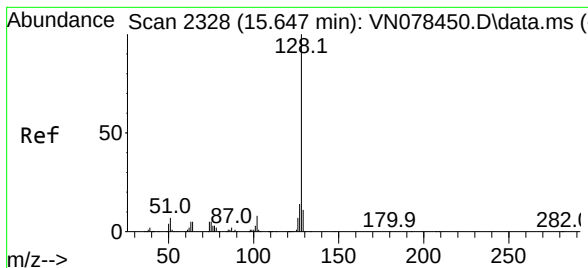


#94
Hexachlorobutadiene
Concen: 18.138 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25



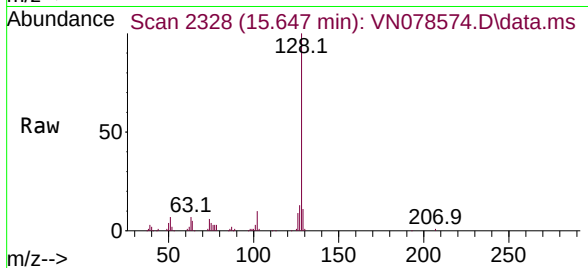
Tgt Ion:225 Resp: 32636
Ion Ratio Lower Upper
225 100
223 61.9 31.3 93.8
227 63.7 31.9 95.9





#95
Naphthalene
Concen: 13.357 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25

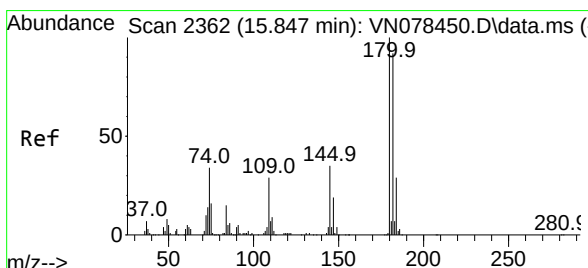
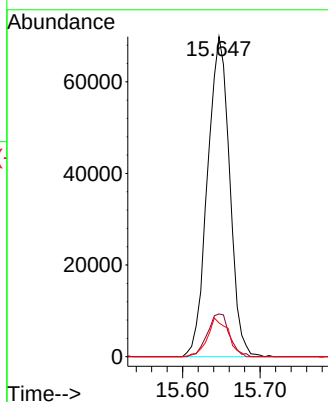
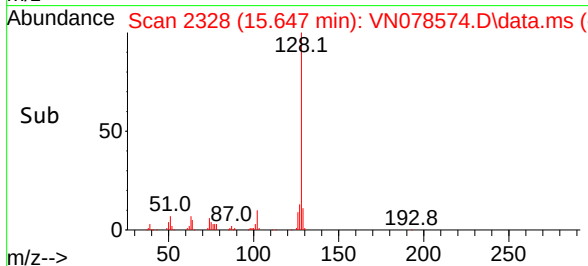
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01



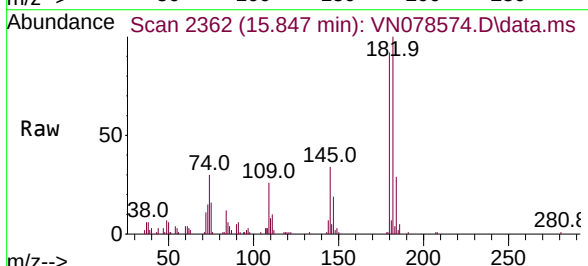
Tgt Ion:128 Resp: 138658
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.692 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078574.D
Acq: 19 Jul 2023 12:25



Tgt Ion:180 Resp: 54789
Ion Ratio Lower Upper
180 100
182 97.4 46.2 138.6
145 32.1 17.5 52.6

