

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079574.D
 Acq On : 17 Oct 2023 11:21
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:03:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 01:58:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	21299	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	168559	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	203156	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	94070	31.064	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.533%			
60) 4-Bromofluorobenzene	12.853	95	113903	30.659	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.200%			
63) Toluene-d8	10.570	98	265439	30.491	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.633%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	63763	20.644	ug/l	94
3) Chloromethane	2.365	50	82125	20.514	ug/l	99
4) Vinyl Chloride	2.518	62	88151	20.403	ug/l	100
5) Bromomethane	2.959	94	54004	20.159	ug/l	99
6) Chloroethane	3.124	64	61952	20.372	ug/l	98
7) Trichlorofluoromethane	3.500	101	107567	20.403	ug/l	99
8) Diethyl Ether	3.965	74	39219	20.525	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	60737	20.136	ug/l	84
10) 1,1-Dichloroethene	4.341	96	58737	20.467	ug/l	92
11) Methyl Iodide	4.594	142	63637	20.028	ug/l	91
12) Methyl Acetate	5.030	43	140255	20.273	ug/l	91
13) Acrolein	4.183	56	58182	101.735	ug/l	100
14) Acrylonitrile	5.724	53	168488	101.695	ug/l	97
15) Acetone	4.436	58	54474	103.546	ug/l	80
16) Carbon Disulfide	4.718	76	176593	20.180	ug/l	96
17) Allyl chloride	5.024	41	94098	21.267	ug/l	98
18) Methylene Chloride	5.283	84	72487	20.521	ug/l	97
19) trans-1,2-Dichloroethene	5.794	96	64173	19.988	ug/l	97
20) Diisopropyl ether	6.683	45	221597	21.121	ug/l	99
21) 1,1-Dichloroethane	6.577	63	131913	20.691	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	75710	20.473	ug/l	97
23) tert-Butyl Alcohol	5.524	59	32210	58.092	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	199012	20.668	ug/l	99
25) Chloroform	7.965	83	132585	20.582	ug/l	98
26) Cyclohexane	8.259	56	100077	20.766	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	96108	19.511	ug/l	99
30) 2-Butanone	7.488	43	244085	98.854	ug/l #	97
31) 2,2-Dichloropropane	7.494	77	107264	19.313	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	114207	19.507	ug/l	98
33) Carbon Tetrachloride	8.365	117	97676	19.616	ug/l	99
34) Benzene	8.612	78	289371	19.335	ug/l	99
35) Methacrylonitrile	7.782	41	51538	19.842	ug/l	92
36) 1,2-Dichloroethane	8.671	62	104408	19.539	ug/l	99
37) Trichloroethene	9.359	130	66099	18.895	ug/l	99
38) Methylcyclohexane	9.600	83	91537	19.301	ug/l	99
39) 1,2-Dichloropropane	9.623	63	76696	19.419	ug/l	98
40) Dibromomethane	9.712	93	49846	19.231	ug/l	96
41) Bromodichloromethane	9.888	83	103873	19.338	ug/l	99
42) Vinyl Acetate	6.612	43	618227	98.702	ug/l	100

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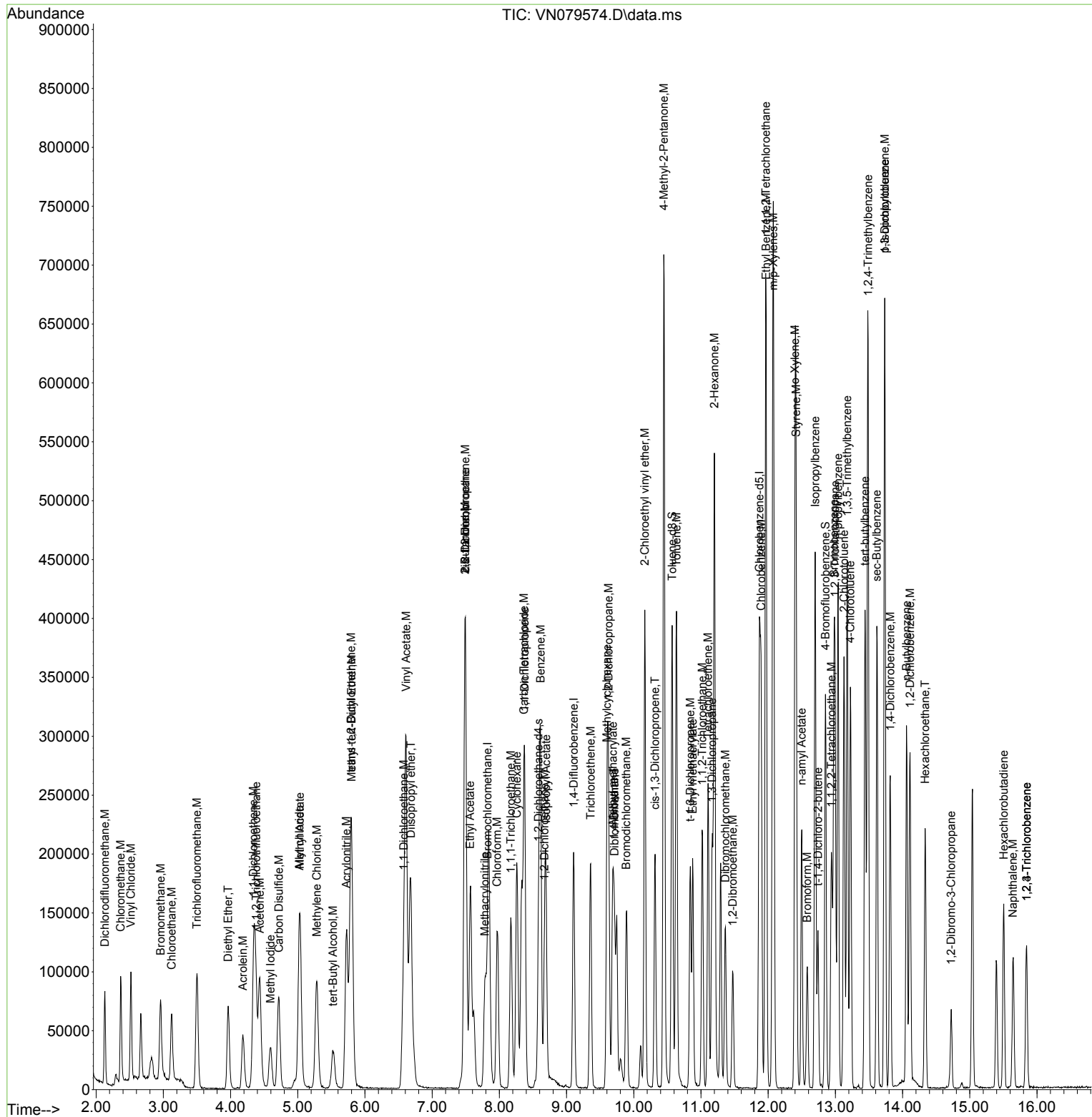
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	89249	19.222	ug/l	98
44) Isopropyl Acetate	8.694	43	154452	18.713	ug/l	97
45) 1,4-Dioxane	9.706	88	25962	401.847	ug/l	92
46) Methyl methacrylate	9.688	41	72824	19.888	ug/l	92
47) n-amyl Acetate	12.500	43	119052	19.986	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	106836	19.675	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	115764	19.496	ug/l	99
50) 1,1,2-Trichloroethane	11.018	97	69349	19.286	ug/l	96
51) Ethyl methacrylate	10.876	69	99400	20.036	ug/l	98
52) 1,3-Dichloropropane	11.165	76	123217	19.343	ug/l	99
53) Dibromochloromethane	11.365	129	72565	19.746	ug/l	100
54) 1,2-Dibromoethane	11.470	107	68565	19.328	ug/l	95
55) 2-Chloroethyl vinyl ether	10.165	63	175848	92.905	ug/l	97
56) Bromoform	12.582	173	47611	19.584	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	483253	101.984	ug/l	100
59) 2-Hexanone	11.200	43	353501	101.688	ug/l	98
61) Tetrachloroethene	11.106	164	56205	20.150	ug/l	94
62) Toluene	10.635	91	308052	19.841	ug/l	100
64) Chlorobenzene	11.894	112	176838	19.638	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	68055	19.840	ug/l	97
66) Ethyl Benzene	11.970	91	319732	19.987	ug/l	99
67) m/p-Xylenes	12.076	106	239144	40.417	ug/l	95
68) o-Xylene	12.400	106	112504	19.890	ug/l	96
69) Styrene	12.417	104	183748	20.463	ug/l	99
70) Isopropylbenzene	12.700	105	291761	20.099	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	102979	19.951	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	121746	24.481	ug/l	71
73) Bromobenzene	12.982	156	69378	20.345	ug/l	98
74) n-propylbenzene	13.041	91	340420	20.143	ug/l	100
75) 2-Chlorotoluene	13.129	91	211680	20.148	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	241343	20.338	ug/l	97
77) t-1,4-Dichloro-2-butene	12.741	75	29300	20.481	ug/l	99
78) 4-Chlorotoluene	13.223	91	202290	20.378	ug/l	99
79) tert-butylbenzene	13.441	119	189129	19.823	ug/l	100
80) 1,2,4-Trimethylbenzene	13.488	105	233019	20.265	ug/l	99
81) sec-Butylbenzene	13.617	105	267776	19.992	ug/l	100
82) p-Isopropyltoluene	13.735	119	214305	20.170	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	113575	20.255	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	107296	19.960	ug/l	98
85) n-Butylbenzene	14.059	91	166906	20.106	ug/l	100
86) Hexachloroethane	14.335	117	44387	19.324	ug/l	99
87) 1,2-Dichlorobenzene	14.111	146	116205	20.850	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	16530	21.018	ug/l	97
89) 1,2,4-Trichlorobenzene	15.847	180	40520	20.626	ug/l	95
90) Hexachlorobutadiene	15.505	225	28023	20.139	ug/l	97
91) Naphthalene	15.641	128	101968	20.122	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	40520	20.626	ug/l	95

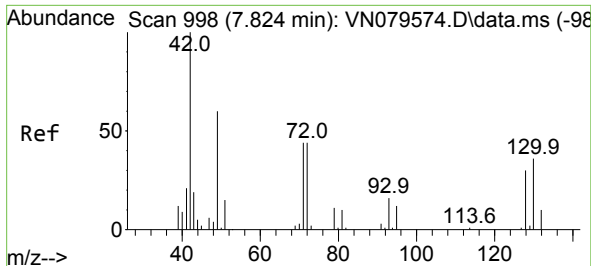
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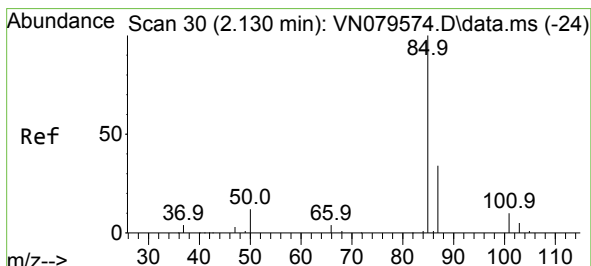
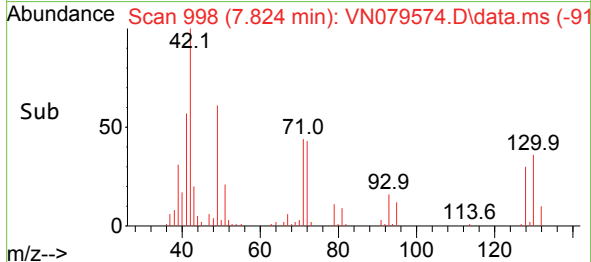
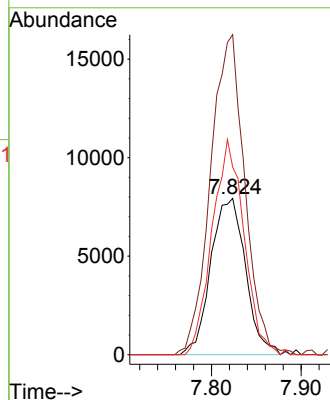
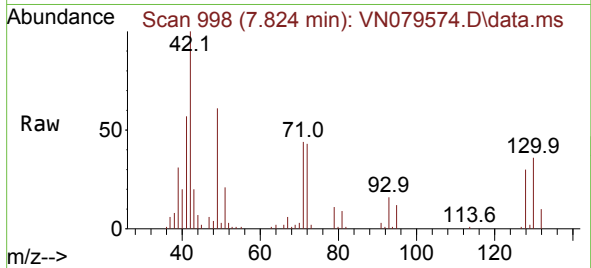




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
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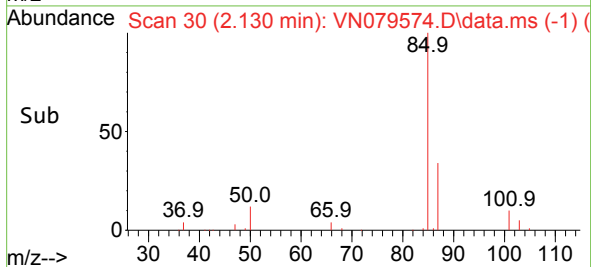
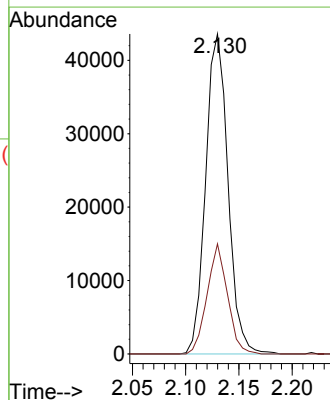
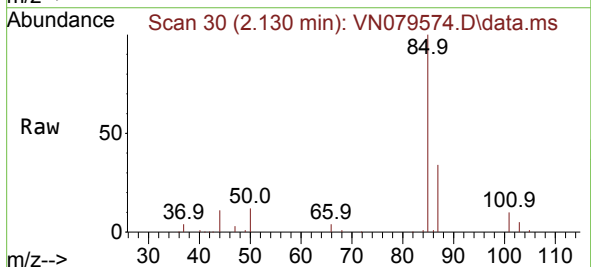
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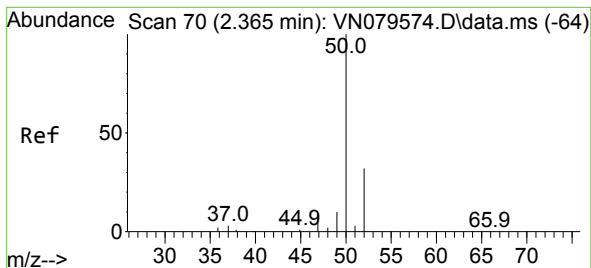
Tgt Ion:128 Resp: 21299
Ion Ratio Lower Upper
128 100
49 201.6 0.0 468.5
130 126.4 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 20.644 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 85 Resp: 63763
Ion Ratio Lower Upper
85 100
87 34.4 15.6 46.7





#3

Chloromethane

Concen: 20.514 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

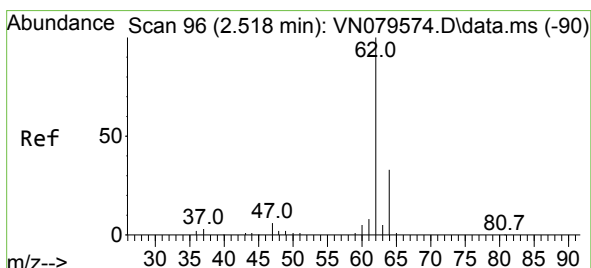
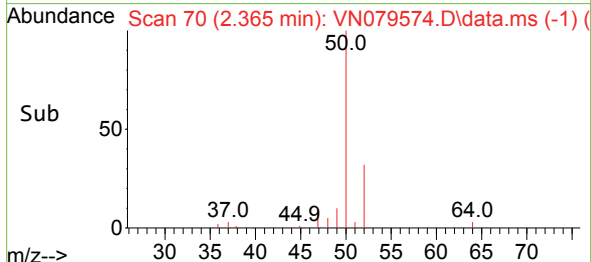
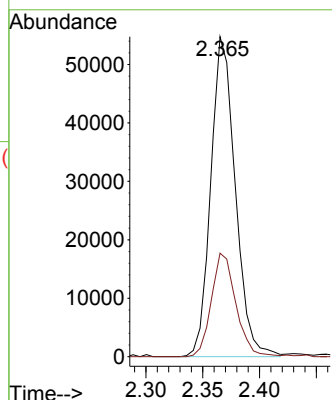
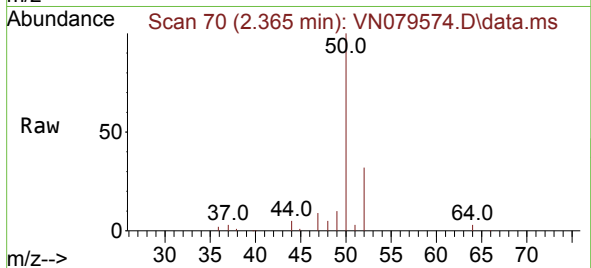
ClientSampleId :

Tgt Ion: 50 Resp: 82125

Ion Ratio Lower Upper

50 100

52 32.3 25.6 38.4



#4

Vinyl Chloride

Concen: 20.403 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079574.D

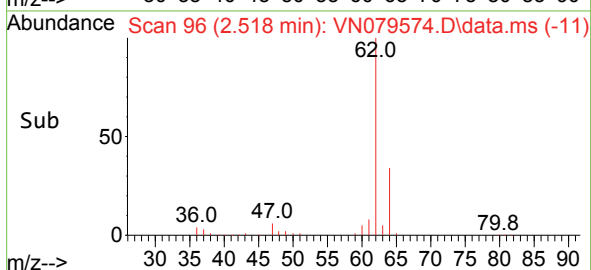
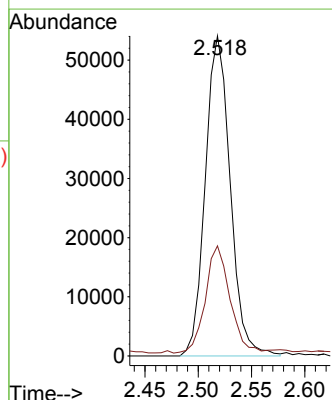
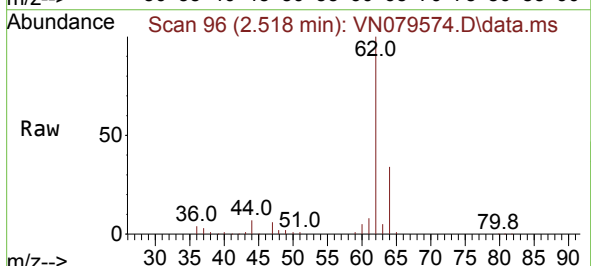
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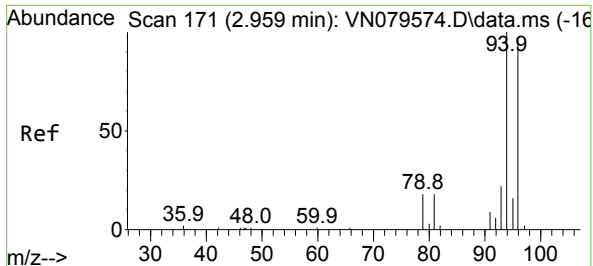
Tgt Ion: 62 Resp: 88151

Ion Ratio Lower Upper

62 100

64 33.2 26.4 39.6

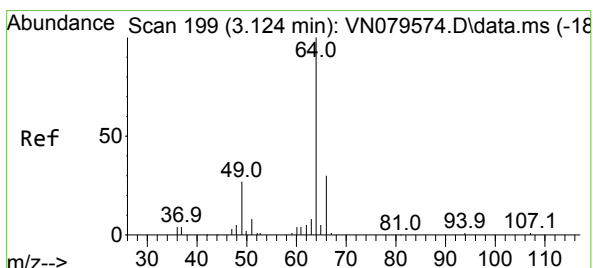
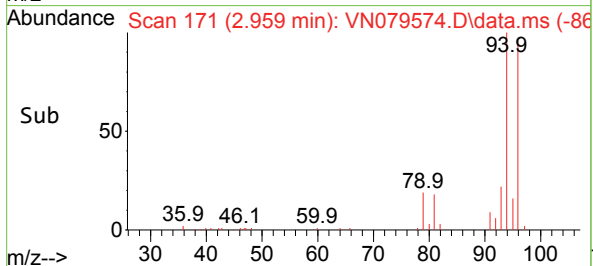
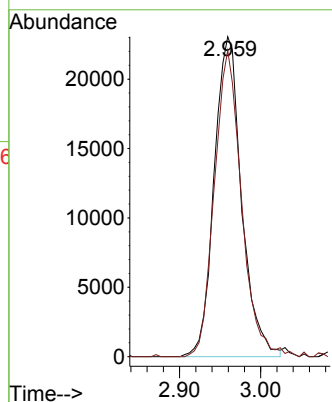
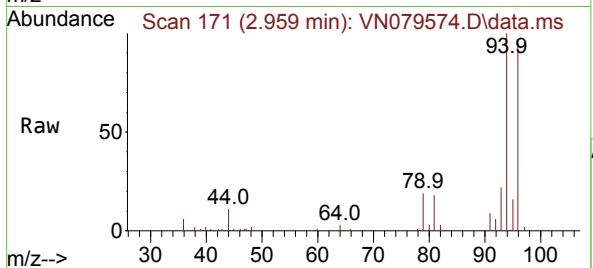




#5
Bromomethane
Concen: 20.159 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
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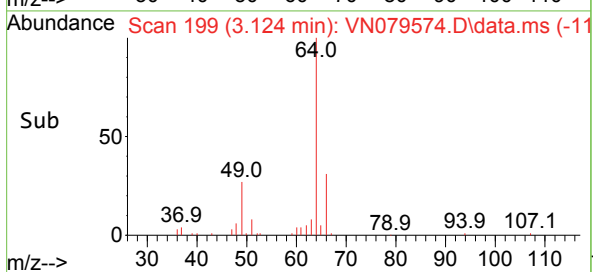
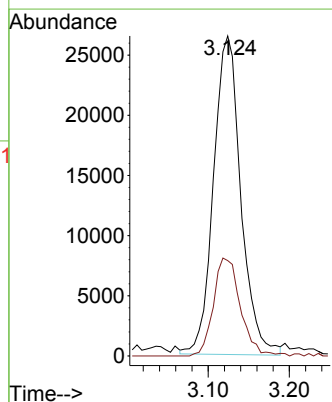
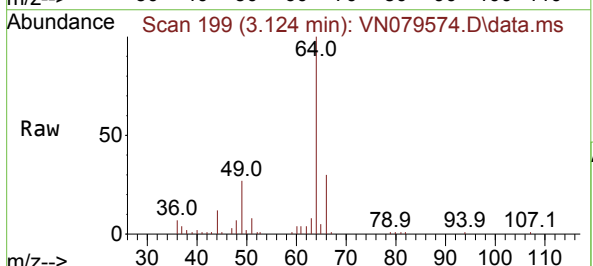
Instrument :
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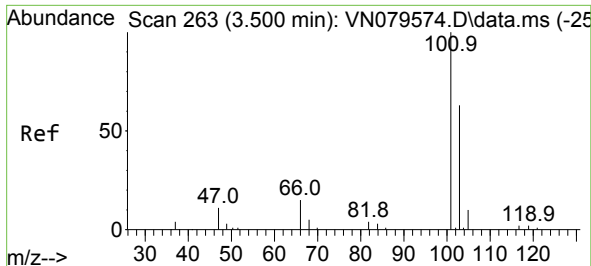
Tgt Ion: 94 Resp: 54004
Ion Ratio Lower Upper
94 100
96 95.7 77.8 116.6



#6
Chloroethane
Concen: 20.372 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 64 Resp: 61952
Ion Ratio Lower Upper
64 100
66 30.3 23.3 34.9

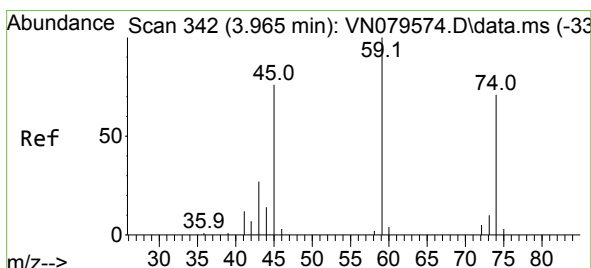
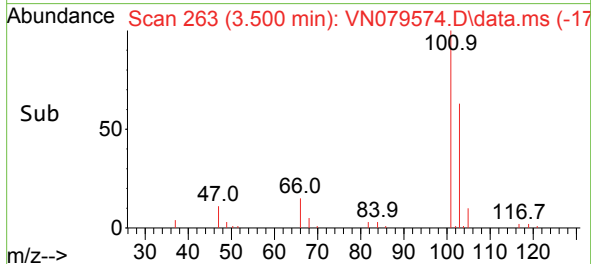
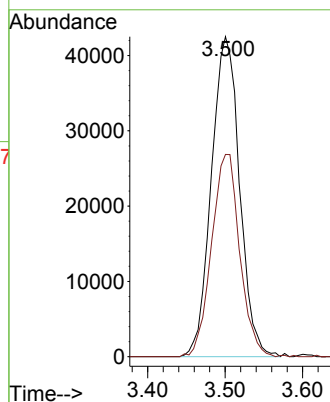
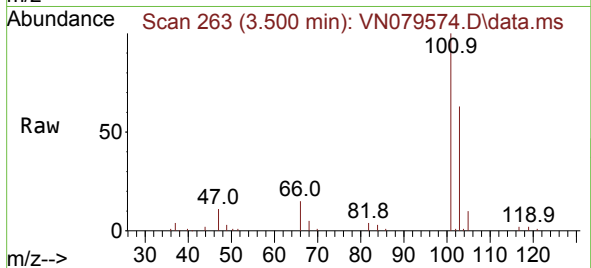




#7
Trichlorofluoromethane
Concen: 20.403 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.000 min
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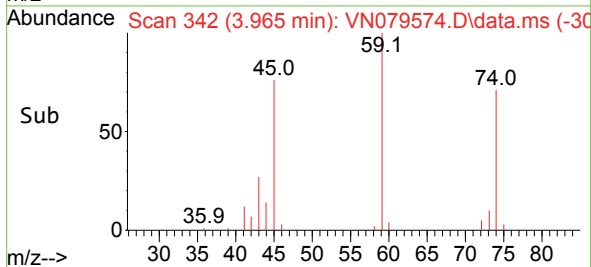
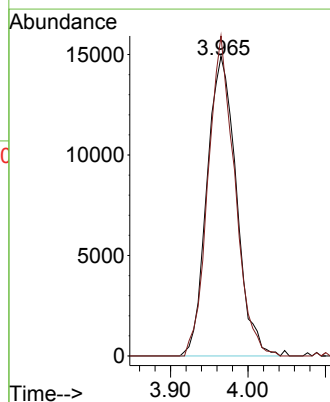
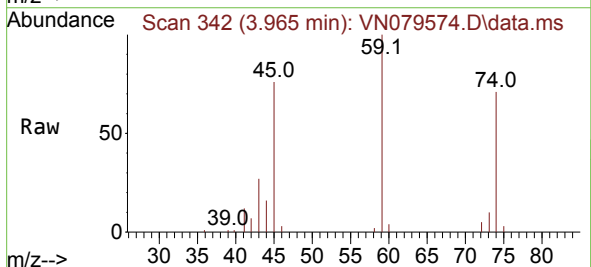
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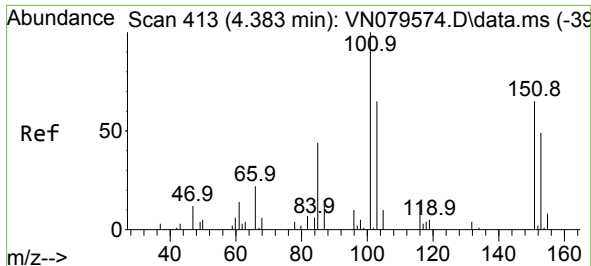
Tgt Ion:101 Resp: 107567
Ion Ratio Lower Upper
101 100
103 63.2 49.9 74.9



#8
Diethyl Ether
Concen: 20.525 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 74 Resp: 39219
Ion Ratio Lower Upper
74 100
45 97.3 19.0 171.0

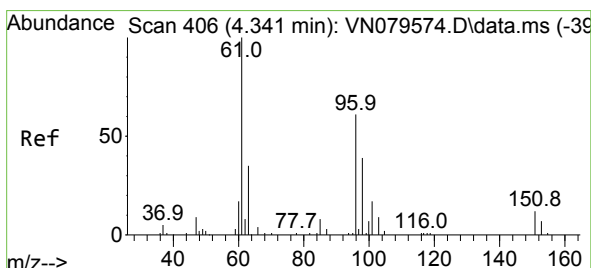
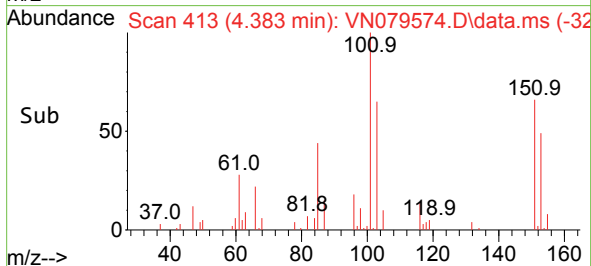
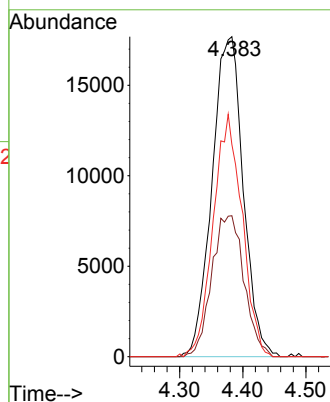
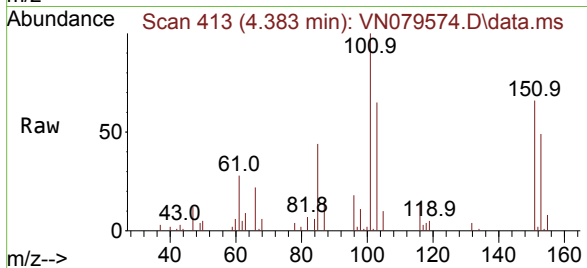




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.136 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.000 min
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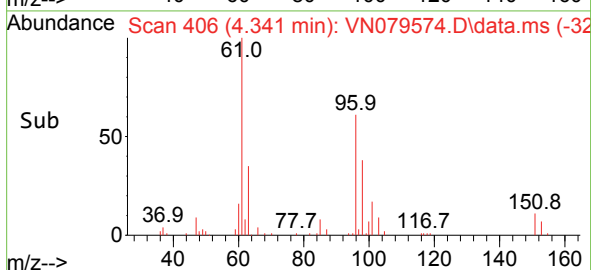
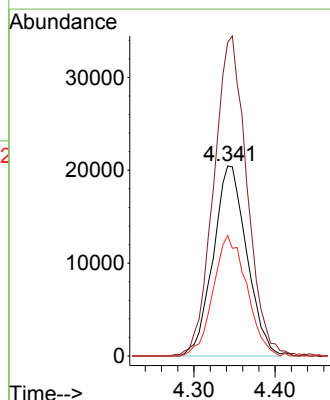
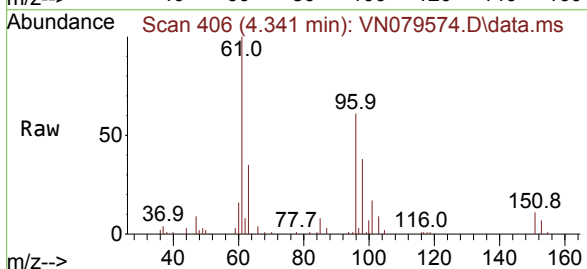
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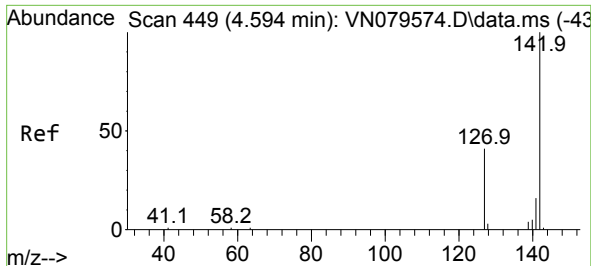
Tgt Ion:101 Resp: 60737
Ion Ratio Lower Upper
101 100
85 20.7 0.0 92.0
151 70.0 0.0 138.4



#10
1,1-Dichloroethene
Concen: 20.467 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

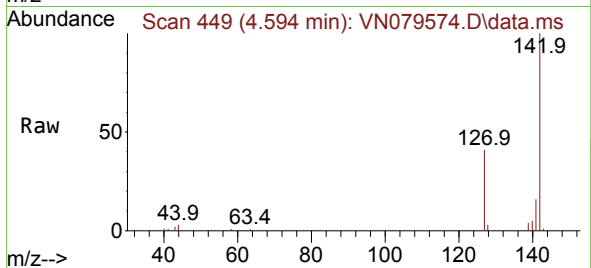
Tgt Ion: 96 Resp: 58737
Ion Ratio Lower Upper
96 100
61 164.2 141.3 211.9
98 63.3 53.2 79.8



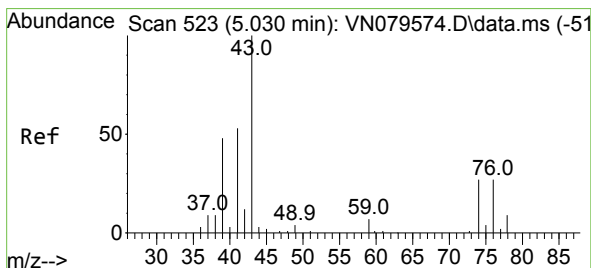
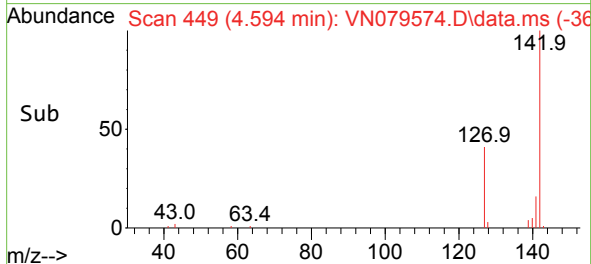
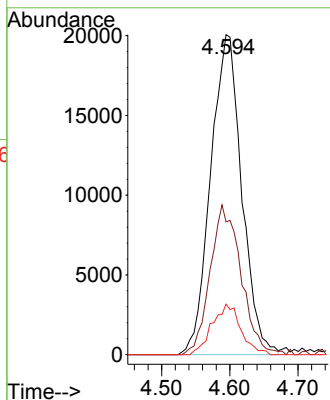


#11
Methyl Iodide
Concen: 20.028 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Instrument :
MSVOA_N
ClientSampleId :

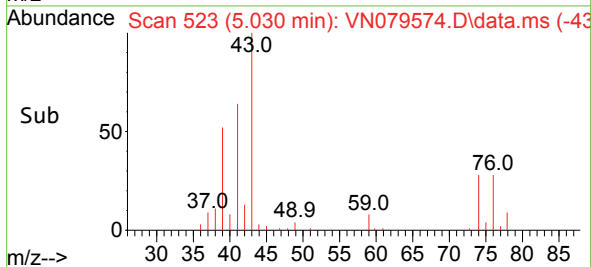
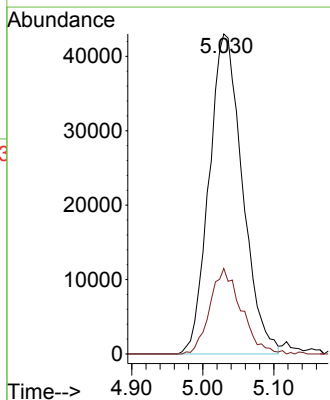
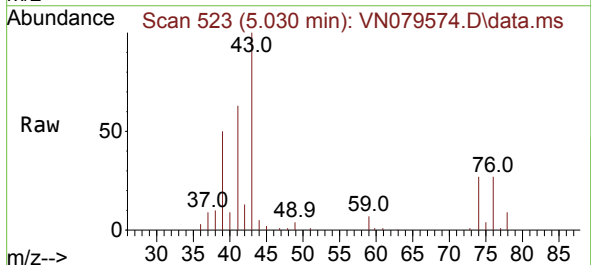


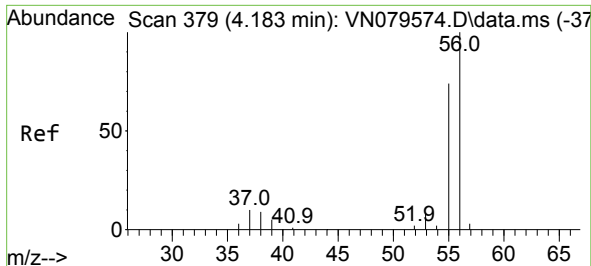
Tgt Ion:142 Resp: 63637
Ion Ratio Lower Upper
142 100
127 41.3 24.6 73.8
141 15.9 7.7 23.1



#12
Methyl Acetate
Concen: 20.273 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 43 Resp: 140255
Ion Ratio Lower Upper
43 100
74 26.7 18.1 27.1

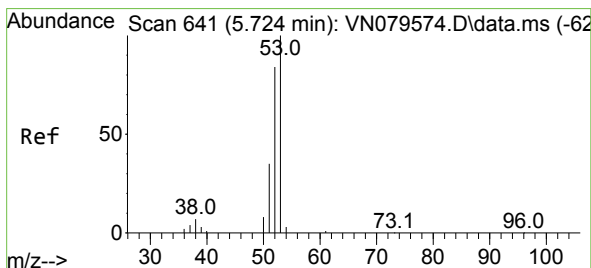
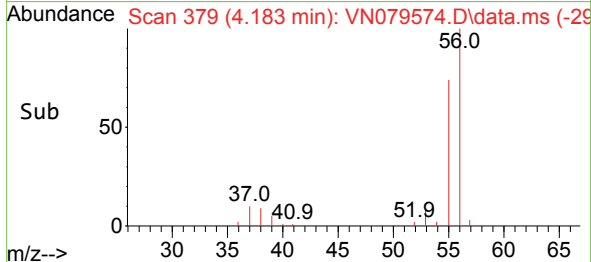
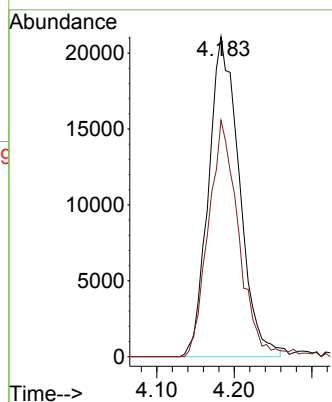
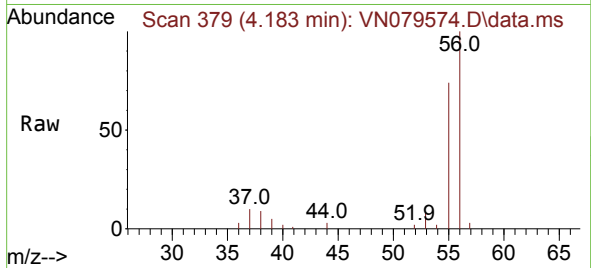




#13
Acrolein
Concen: 101.735 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

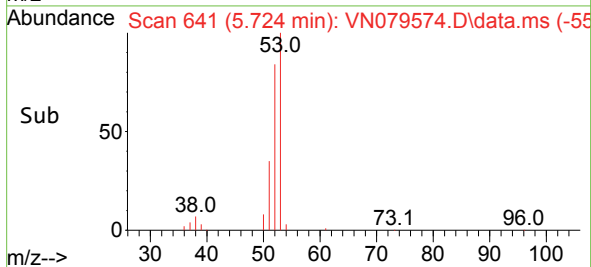
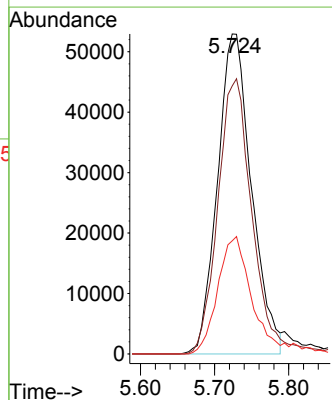
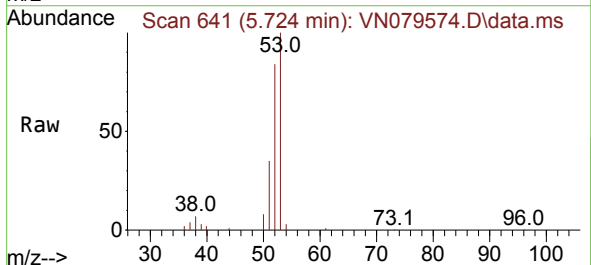
Instrument :
MSVOA_N
ClientSampleId :

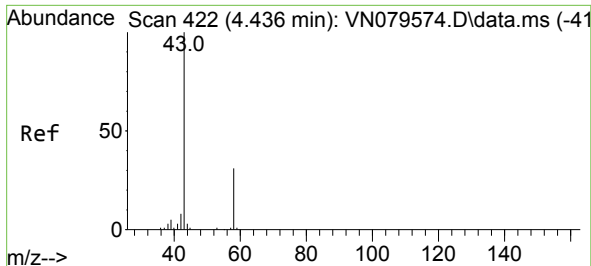
Tgt Ion: 56 Resp: 58182
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7



#14
Acrylonitrile
Concen: 101.695 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 53 Resp: 168488
Ion Ratio Lower Upper
53 100
52 87.0 41.6 124.9
51 36.5 17.8 53.3





#15

Acetone

Concen: 103.546 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

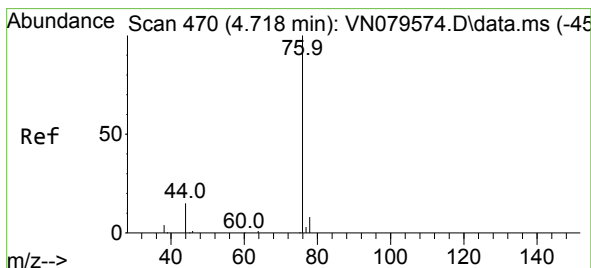
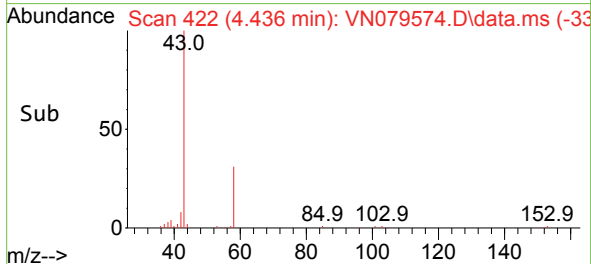
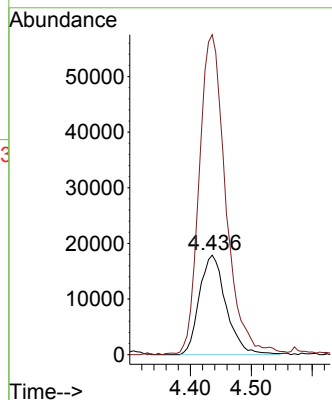
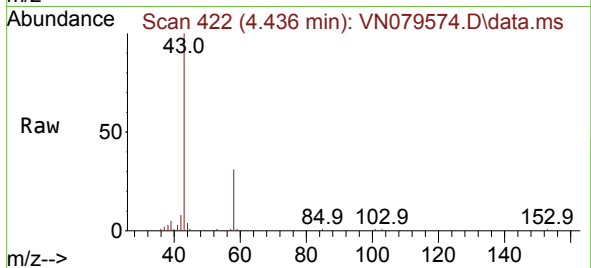
ClientSampleId :

Tgt Ion: 58 Resp: 54474

Ion Ratio Lower Upper

58 100

43 319.2 225.2 337.8



#16

Carbon Disulfide

Concen: 20.180 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.000 min

Lab File: VN079574.D

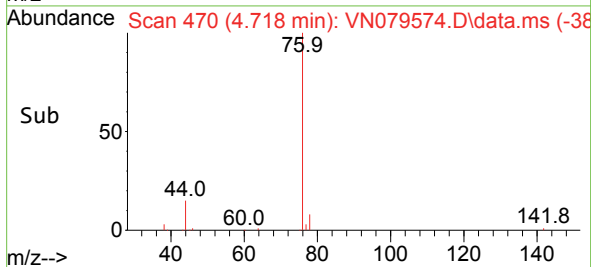
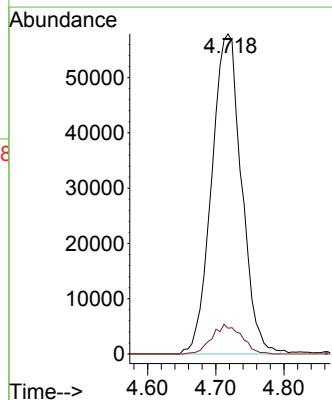
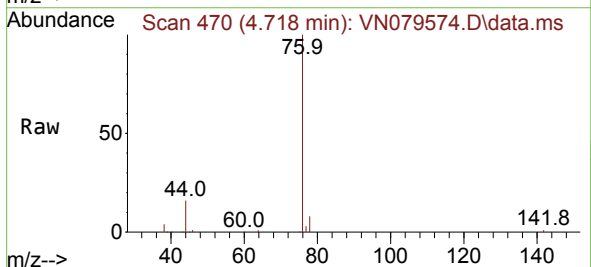
Acq: 17 Oct 2023 11:21

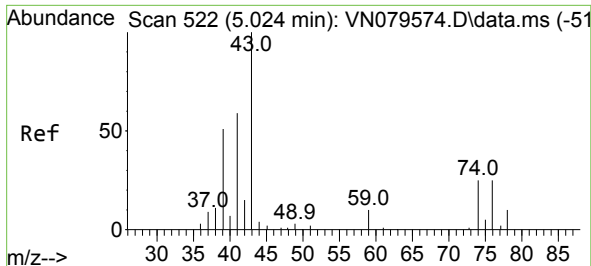
Tgt Ion: 76 Resp: 176593

Ion Ratio Lower Upper

76 100

78 8.1 7.5 11.3

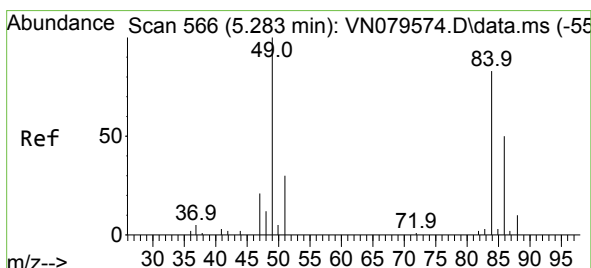
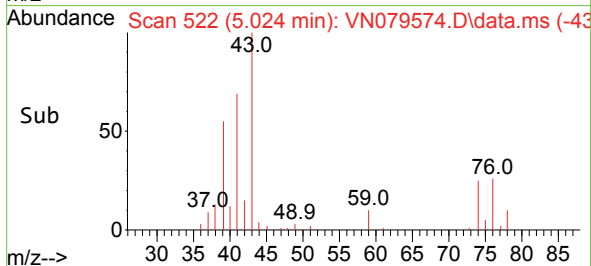
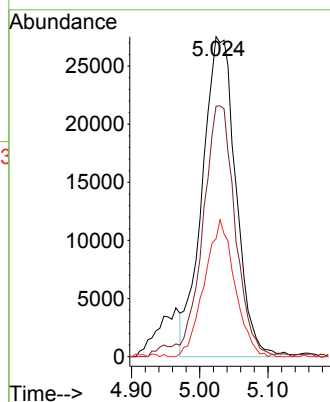
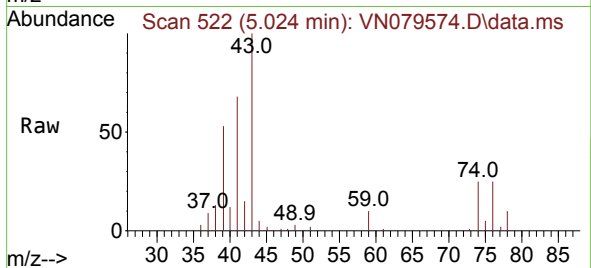




#17
 Allyl chloride
 Concen: 21.267 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN079574.D
 Acq: 17 Oct 2023 11:21

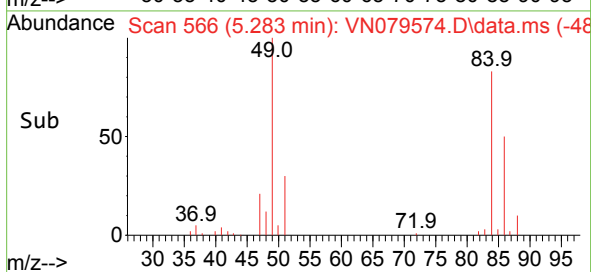
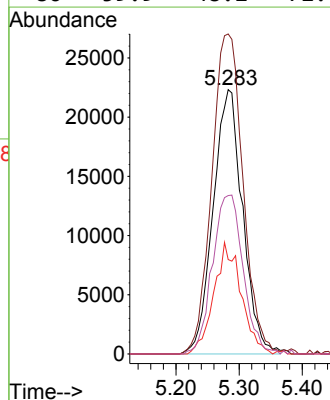
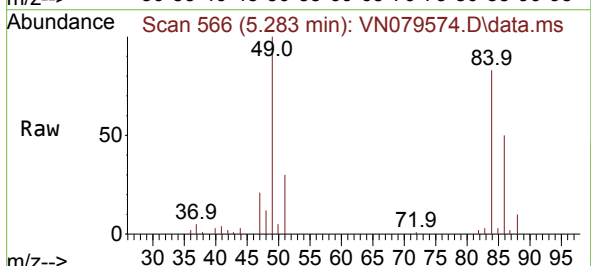
Instrument :
 MSVOA_N
 ClientSampleId :

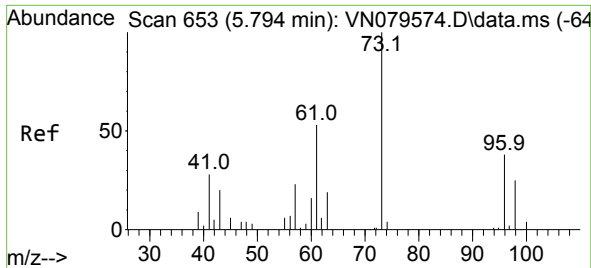
Tgt Ion:	41	Resp:	94098
Ion	Ratio	Lower	Upper
41	100		
39	78.2	38.4	115.2
76	37.2	19.5	58.5



#18
 Methylene Chloride
 Concen: 20.521 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN079574.D
 Acq: 17 Oct 2023 11:21

Tgt Ion:	84	Resp:	72487
Ion	Ratio	Lower	Upper
84	100		
49	121.1	100.9	151.3
51	35.7	29.4	44.2
86	59.9	48.2	72.4

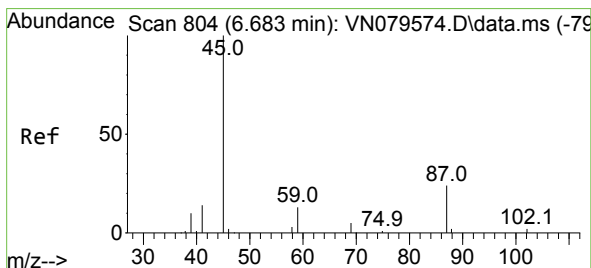
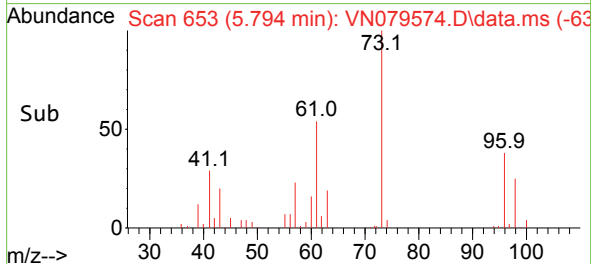
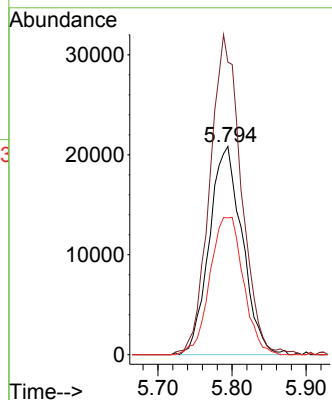
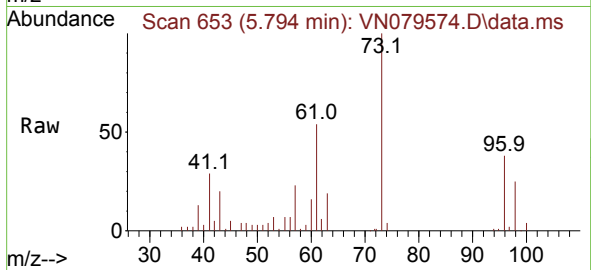




#19
trans-1,2-Dichloroethene
Concen: 19.988 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

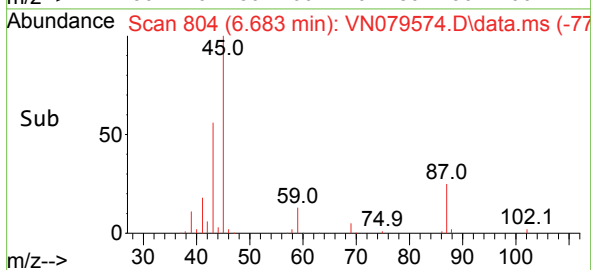
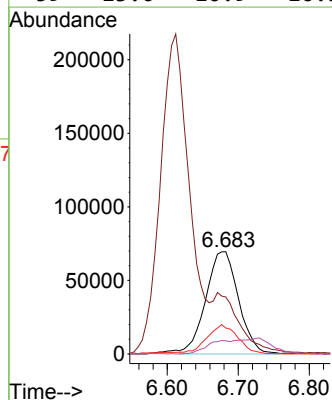
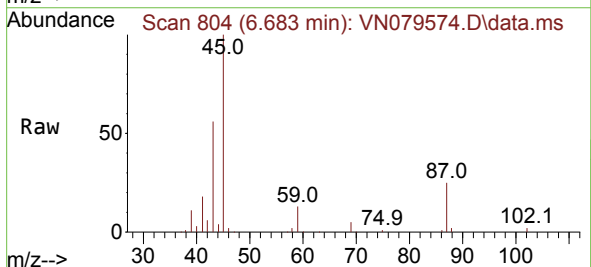
Instrument :
MSVOA_N
ClientSampleId :

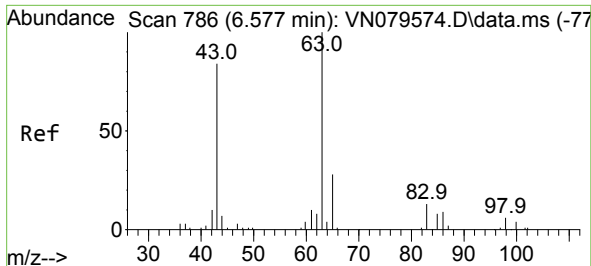
Tgt Ion: 96 Resp: 64173
Ion Ratio Lower Upper
96 100
61 138.7 113.4 170.0
98 65.8 50.4 75.6



#20
Diisopropyl ether
Concen: 21.121 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 45 Resp: 221597
Ion Ratio Lower Upper
45 100
43 52.8 42.1 63.1
87 25.2 20.5 30.7
59 13.0 10.9 16.3





#21

1,1-Dichloroethane

Concen: 20.691 ug/l

RT: 6.577 min Scan# 786

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

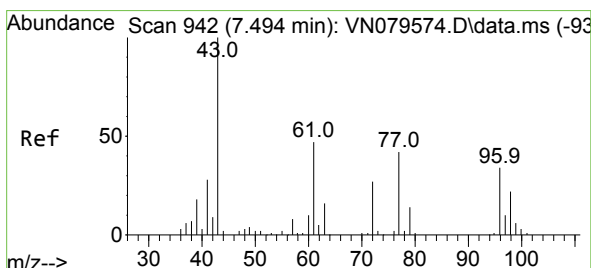
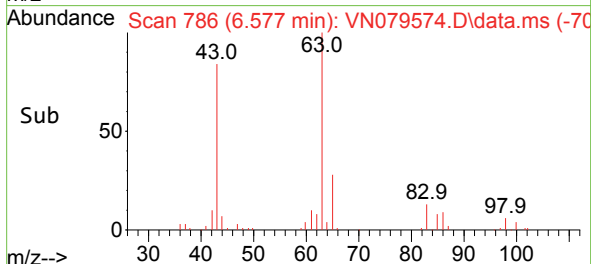
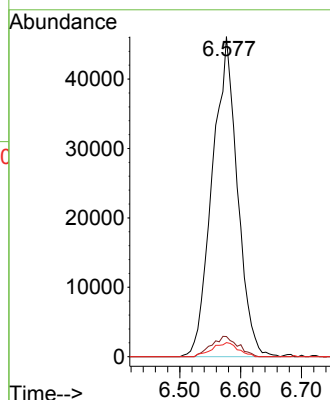
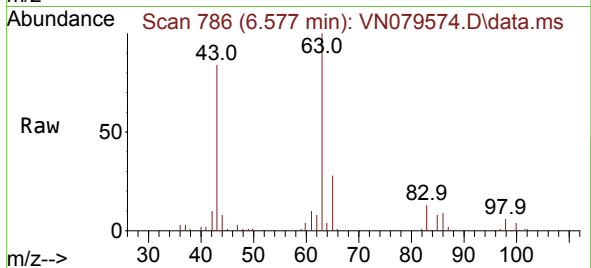
Tgt Ion: 63 Resp: 131913

Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.4

100 4.4 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 20.473 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

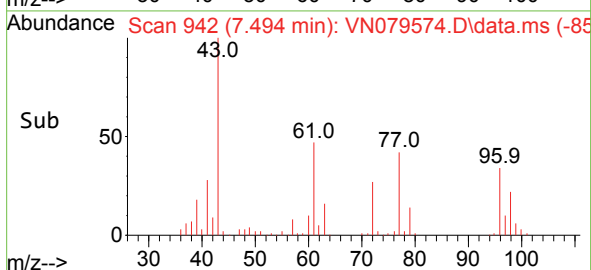
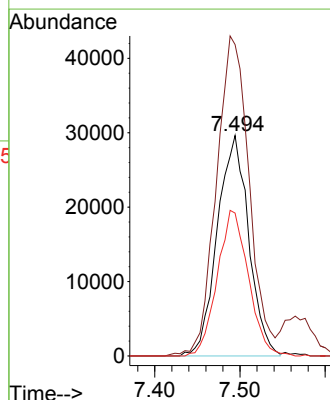
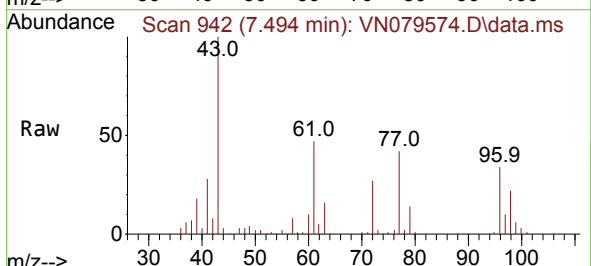
Tgt Ion: 96 Resp: 75710

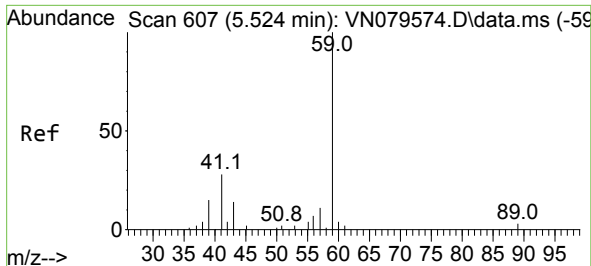
Ion Ratio Lower Upper

96 100

61 151.4 124.6 186.8

98 65.5 54.2 81.4

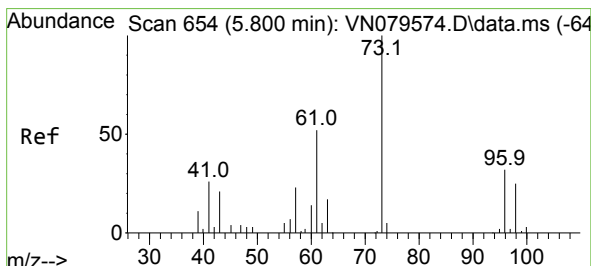
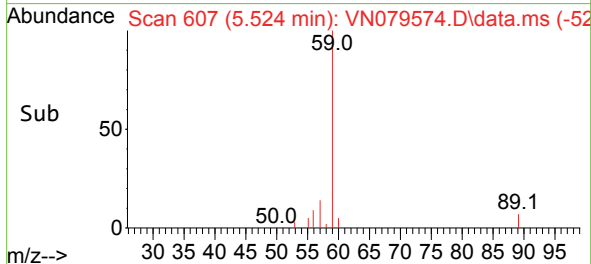
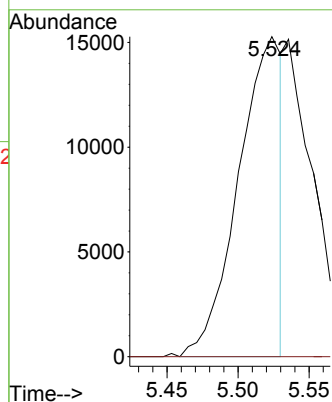
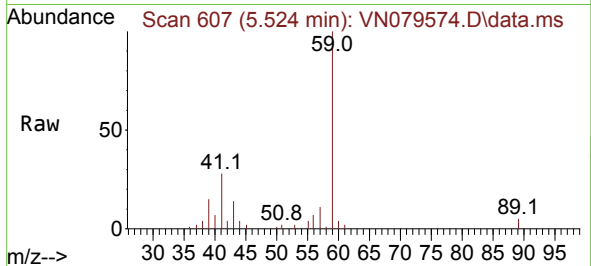




#23
tert-Butyl Alcohol
Concen: 58.092 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

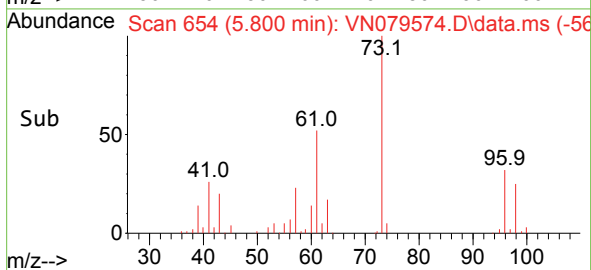
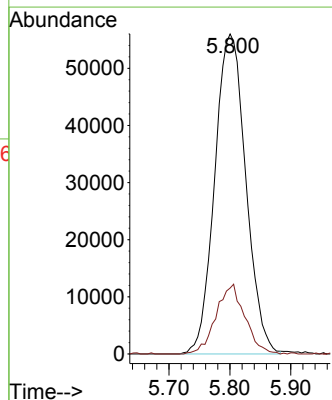
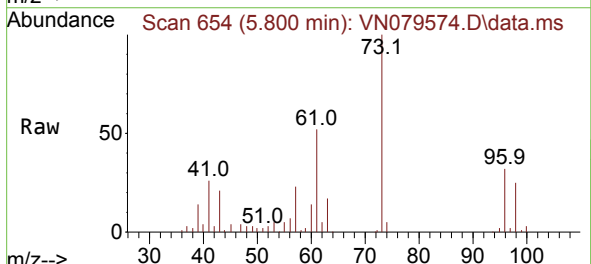
Instrument :
MSVOA_N
ClientSampleId :

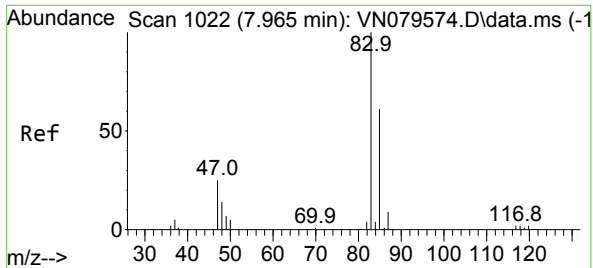
Tgt Ion: 59 Resp: 32210
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.668 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 73 Resp: 199012
Ion Ratio Lower Upper
73 100
43 20.2 16.6 24.8





#25

Chloroform

Concen: 20.582 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

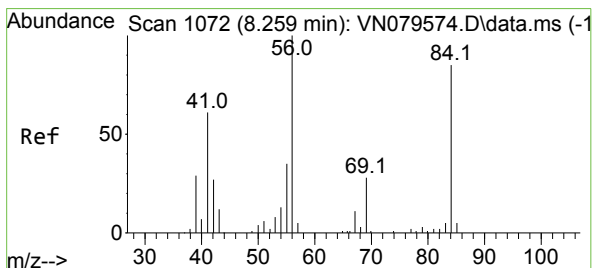
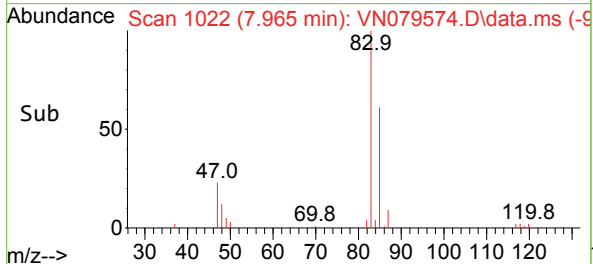
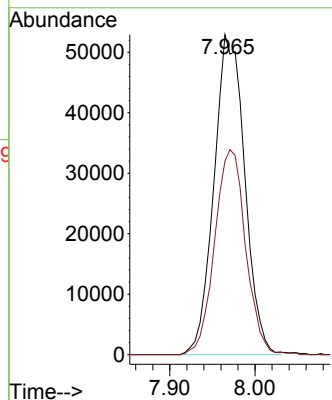
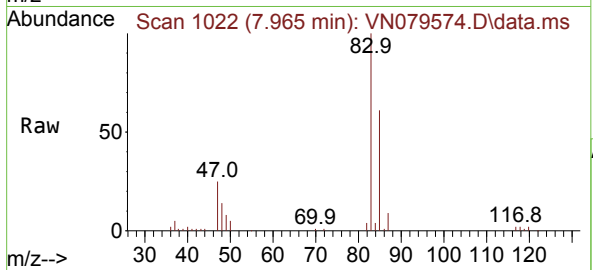
ClientSampleId :

Tgt Ion: 83 Resp: 132585

Ion Ratio Lower Upper

83 100

85 60.5 47.4 71.2



#26

Cyclohexane

Concen: 20.766 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

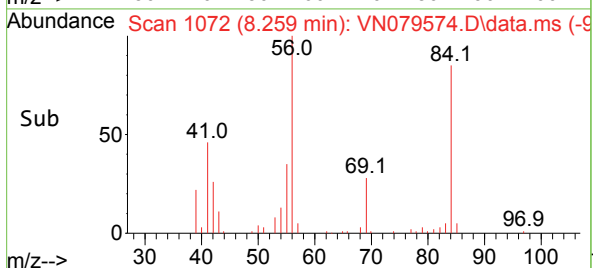
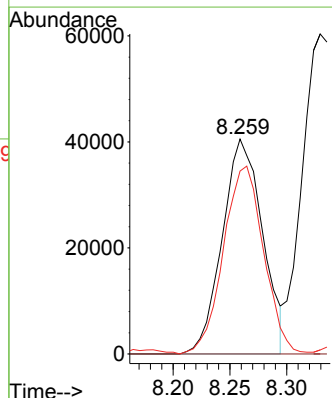
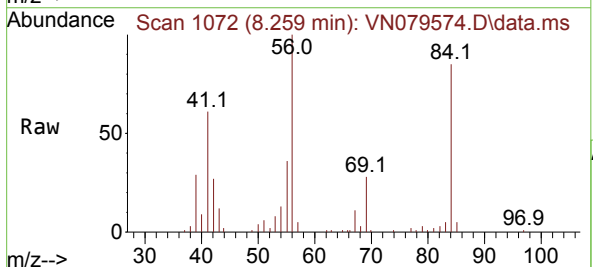
Tgt Ion: 56 Resp: 100077

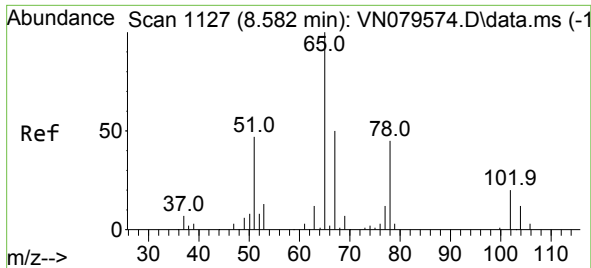
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.3 69.0 103.4

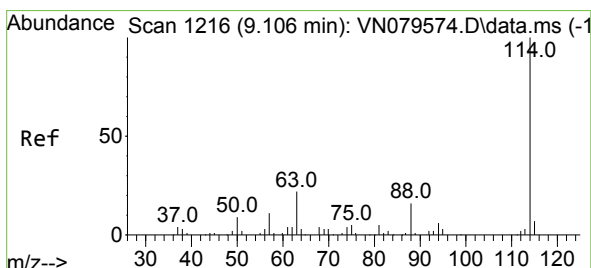
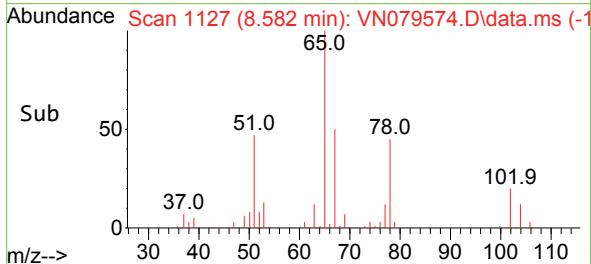
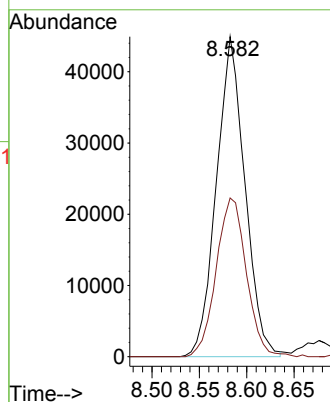
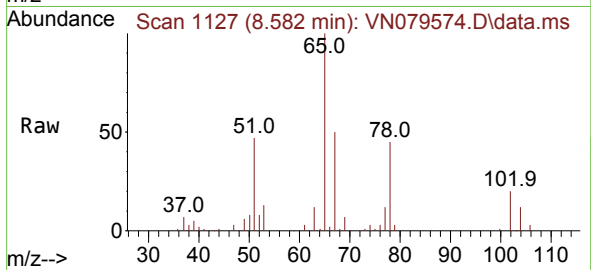




#27
1,2-Dichloroethane-d4
Concen: 31.064 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

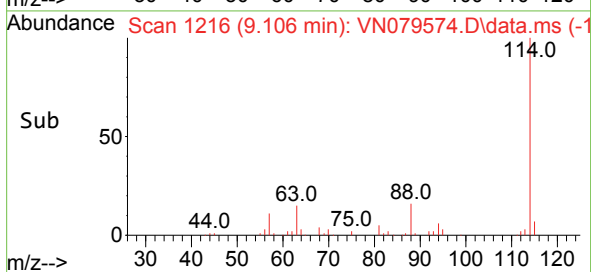
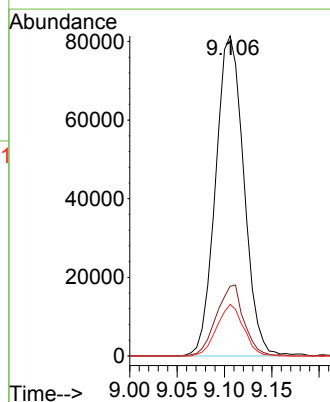
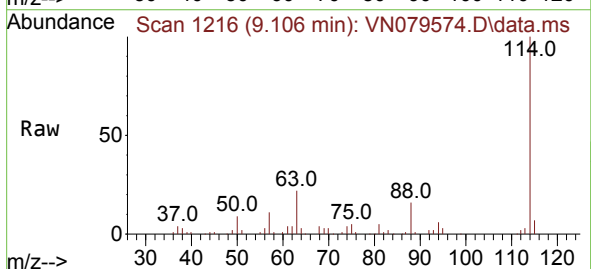
Instrument :
MSVOA_N
ClientSampleId :

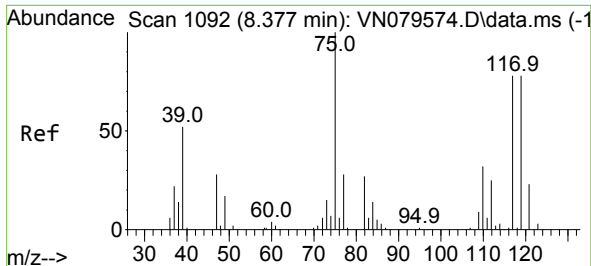
Tgt Ion: 65 Resp: 94070
Ion Ratio Lower Upper
65 100
67 52.4 42.1 63.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 114 Resp: 168559
Ion Ratio Lower Upper
114 100
63 21.6 18.1 27.1
88 15.2 12.2 18.2

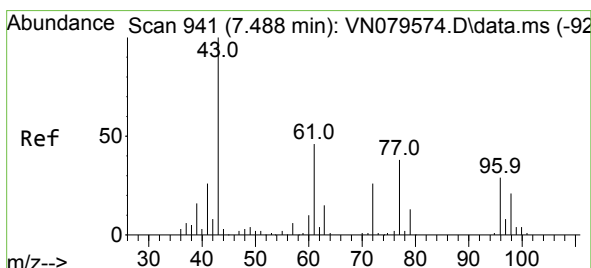
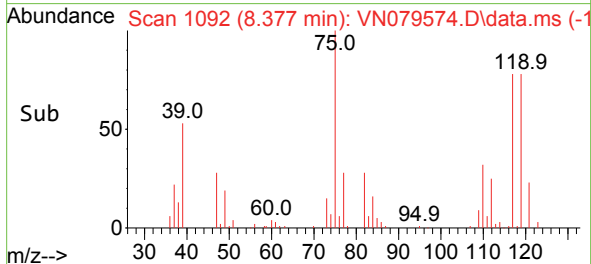
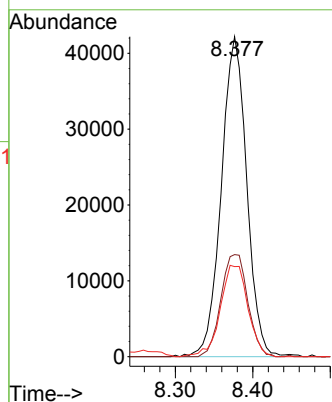
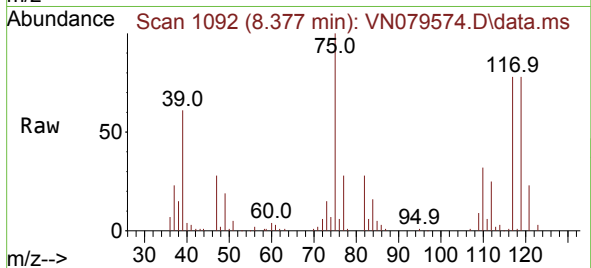




#29
1,1-Dichloropropene
Concen: 19.511 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

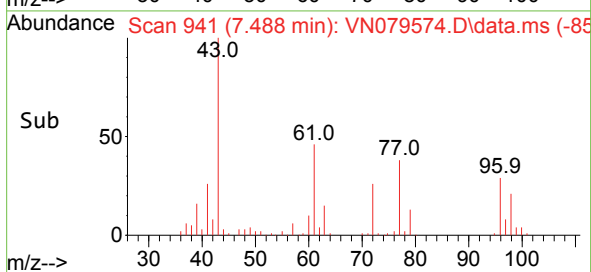
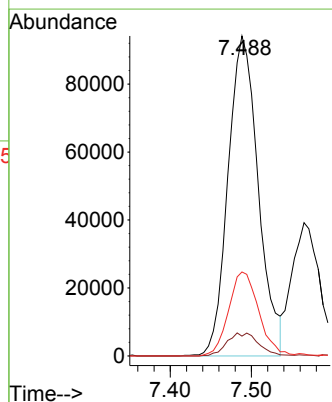
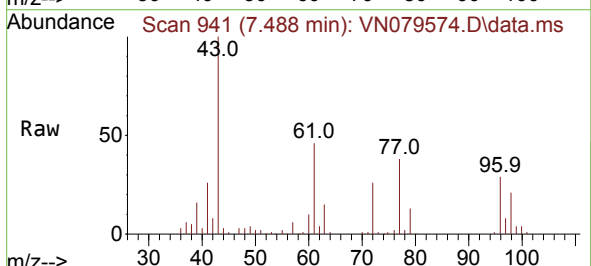
Instrument :
MSVOA_N
ClientSampleId :

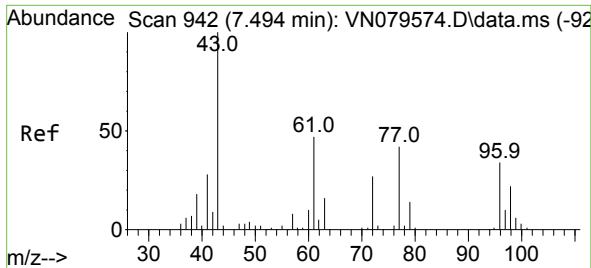
Tgt Ion: 75 Resp: 96108
Ion Ratio Lower Upper
75 100
110 33.8 0.0 66.8
77 31.1 0.0 61.2



#30
2-Butanone
Concen: 98.854 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 43 Resp: 244085
Ion Ratio Lower Upper
43 100
57 3.9 6.4 9.6#
72 26.1 20.7 31.1

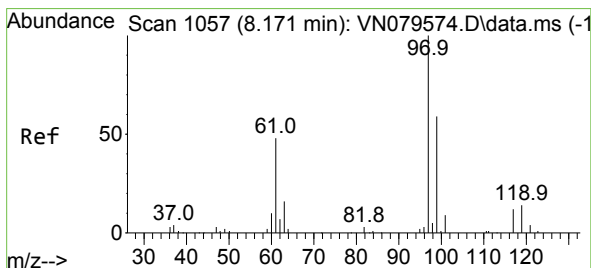
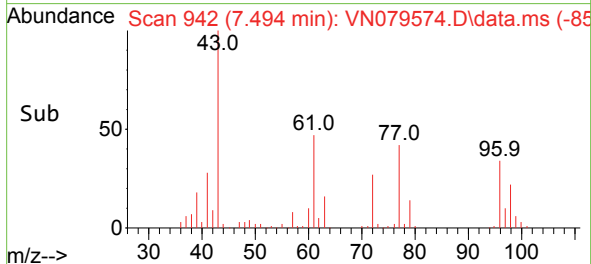
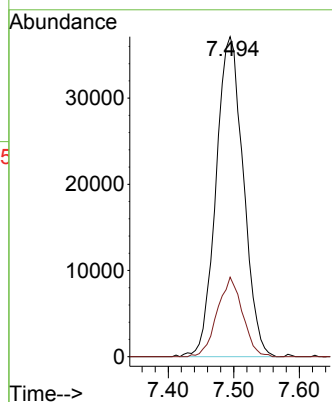
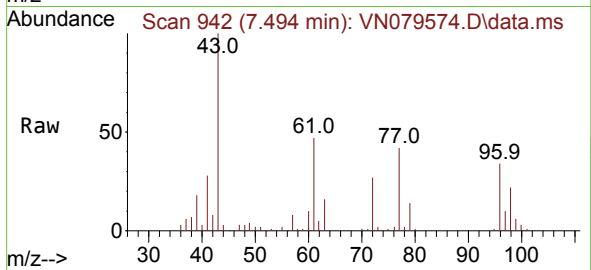




#31
2,2-Dichloropropane
Concen: 19.313 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

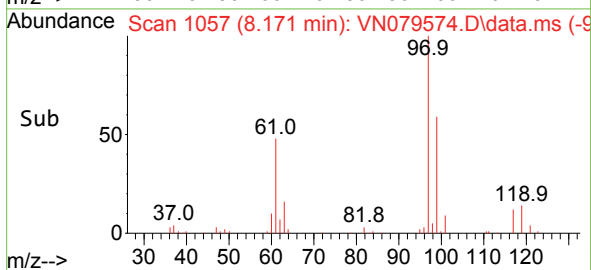
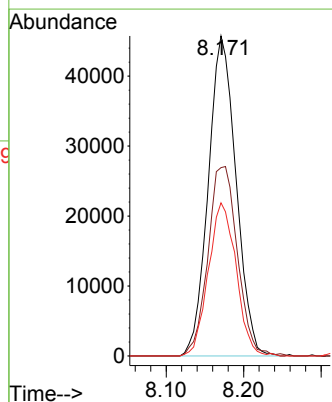
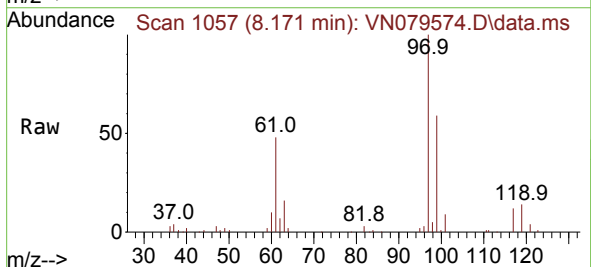
Instrument :
MSVOA_N
ClientSampleId :

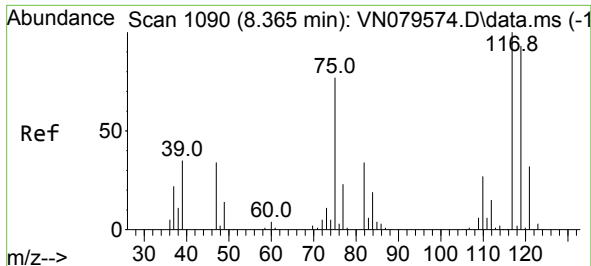
Tgt Ion: 77 Resp: 107264
Ion Ratio Lower Upper
77 100
97 22.9 17.9 26.9



#32
1,1,1-Trichloroethane
Concen: 19.507 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

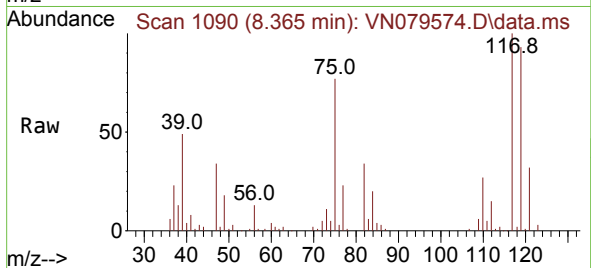
Tgt Ion: 97 Resp: 114207
Ion Ratio Lower Upper
97 100
99 62.4 51.9 77.9
61 47.6 37.6 56.4



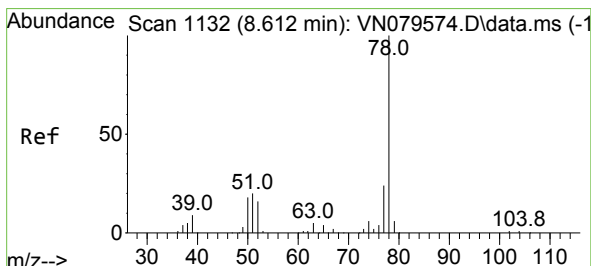
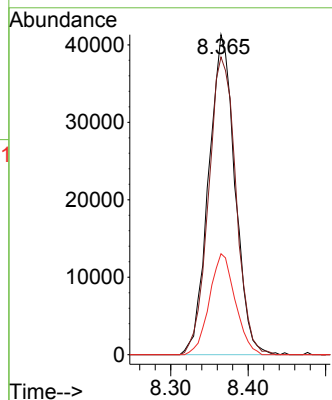
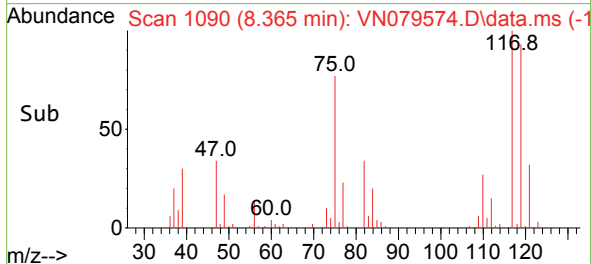


#33
Carbon Tetrachloride
Concen: 19.616 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Instrument :
MSVOA_N
ClientSampleId :

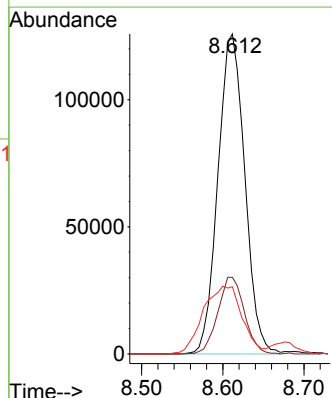
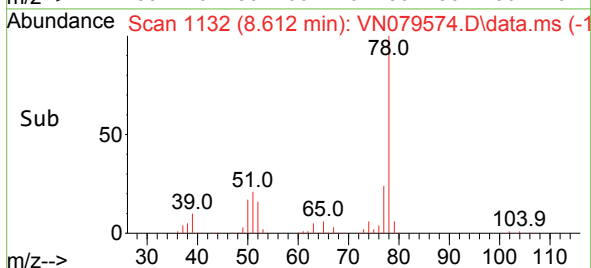
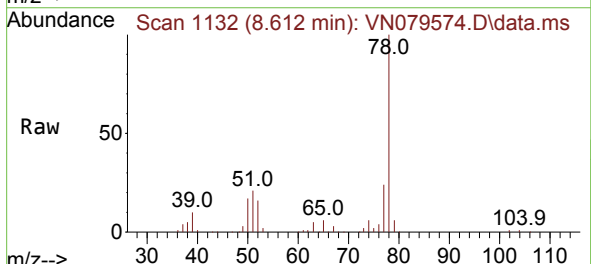


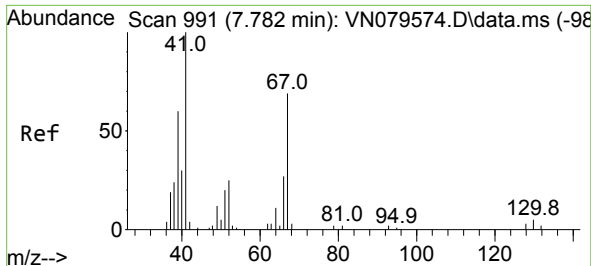
Tgt Ion:117 Resp: 97676
Ion Ratio Lower Upper
117 100
119 93.0 75.0 112.6
121 31.6 24.3 36.5



#34
Benzene
Concen: 19.335 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 78 Resp: 289371
Ion Ratio Lower Upper
78 100
77 24.0 19.7 29.5
51 20.4 15.8 23.6

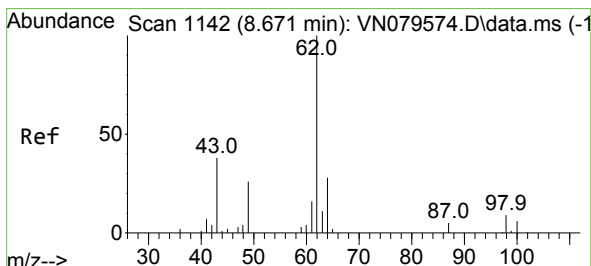
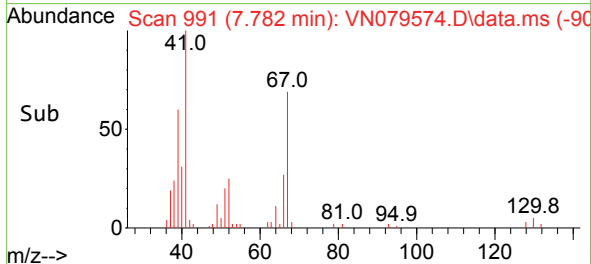
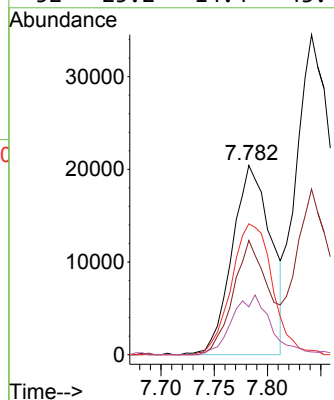
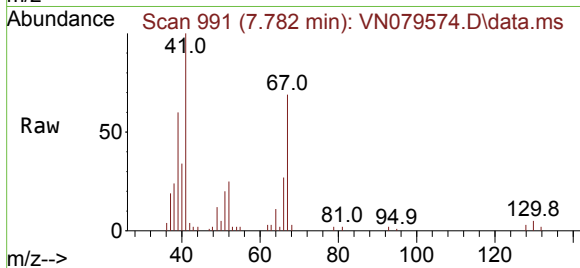




#35
Methacrylonitrile
Concen: 19.842 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

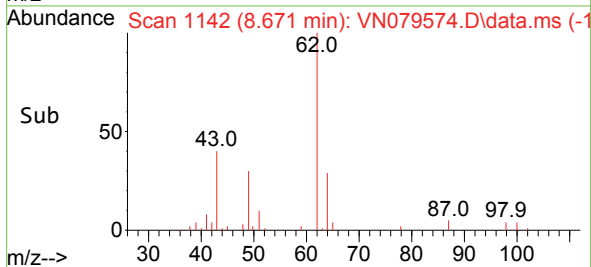
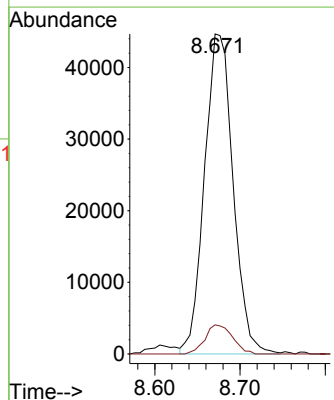
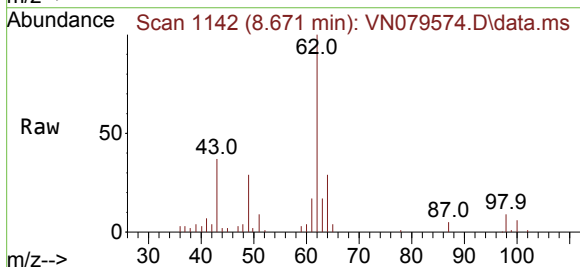
Instrument :
MSVOA_N
ClientSampleId :

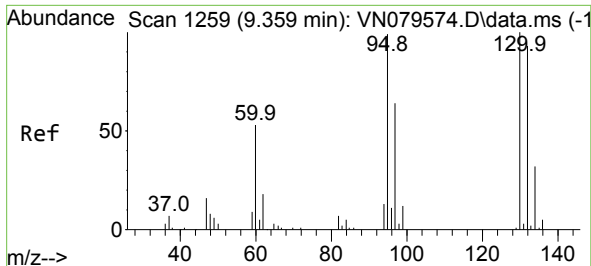
Tgt Ion: 41	Resp: 51538
Ion Ratio	Lower Upper
41 100	
39 60.3	26.3 78.8
67 69.1	37.5 112.3
52 25.2	14.4 43.4



#36
1,2-Dichloroethane
Concen: 19.539 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 62	Resp: 104408
Ion Ratio	Lower Upper
62 100	
98 8.7	7.2 10.8

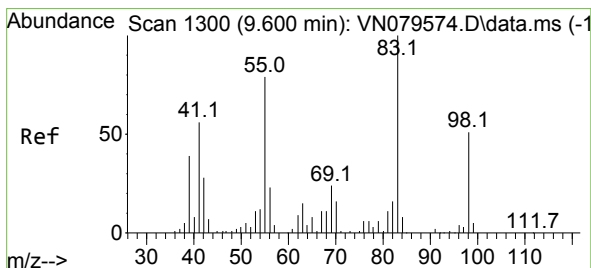
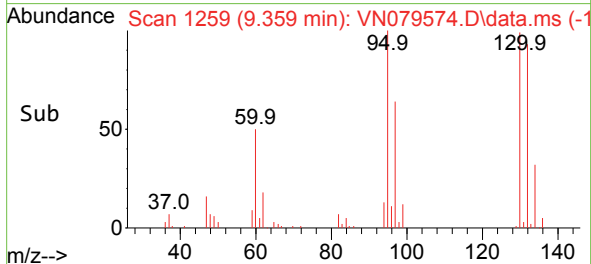
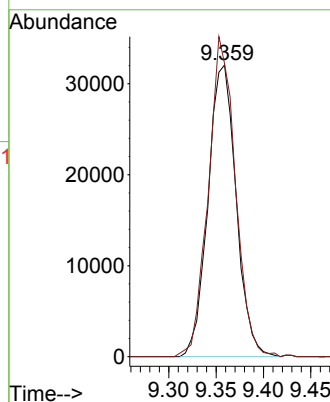
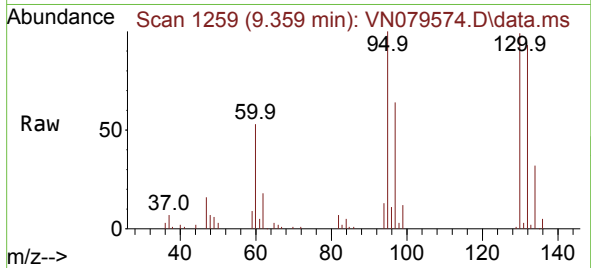




#37
Trichloroethene
Concen: 18.895 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

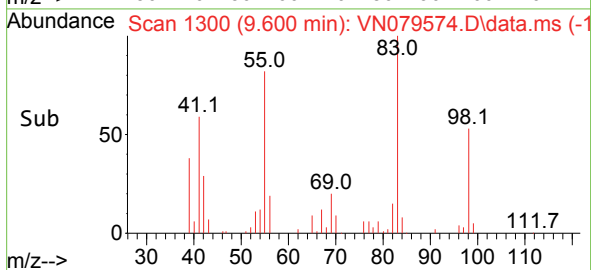
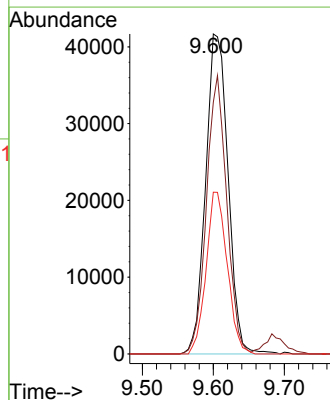
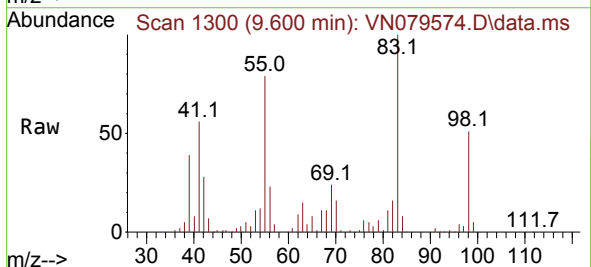
Instrument :
MSVOA_N
ClientSampleId :

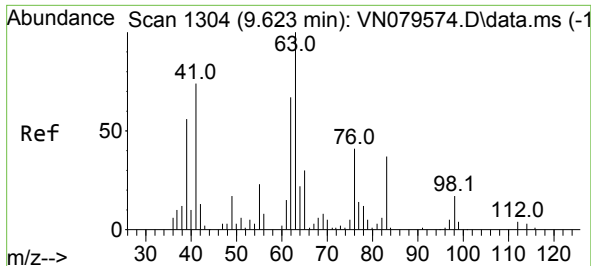
Tgt Ion:130 Resp: 66099
Ion Ratio Lower Upper
130 100
95 100.5 81.2 121.8



#38
Methylcyclohexane
Concen: 19.301 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 83 Resp: 91537
Ion Ratio Lower Upper
83 100
55 78.8 39.7 119.1
98 47.7 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.419 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

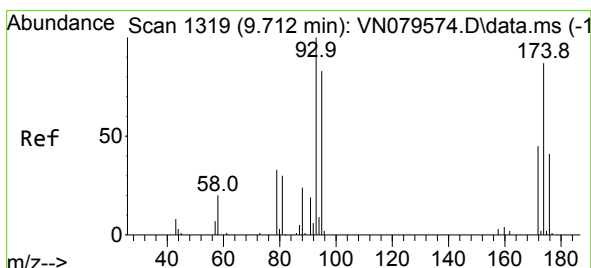
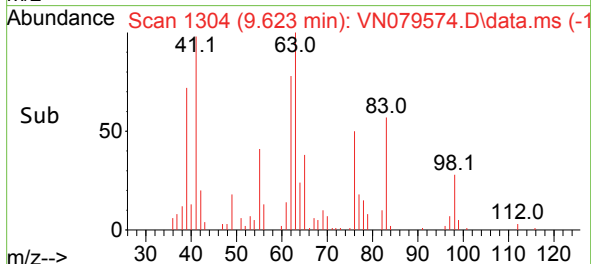
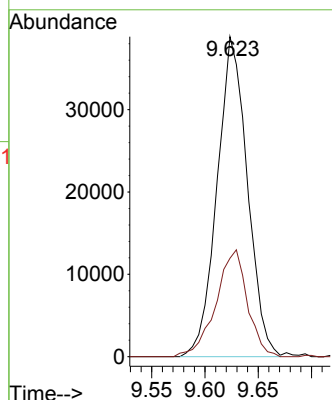
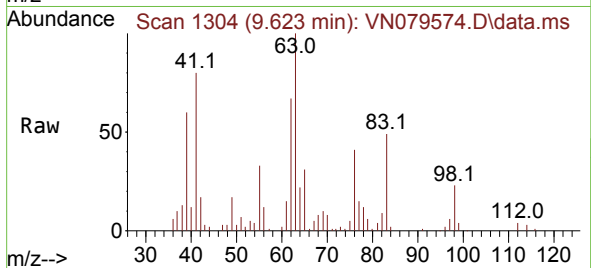
ClientSampleId :

Tgt Ion: 63 Resp: 76696

Ion Ratio Lower Upper

63 100

65 30.7 25.3 37.9



#40

Dibromomethane

Concen: 19.231 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

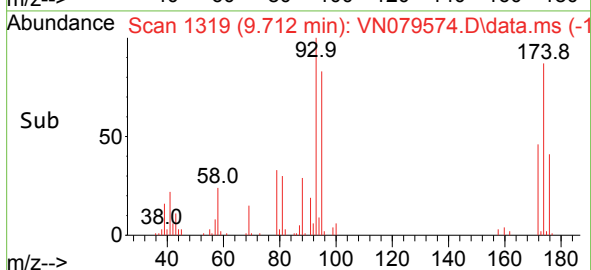
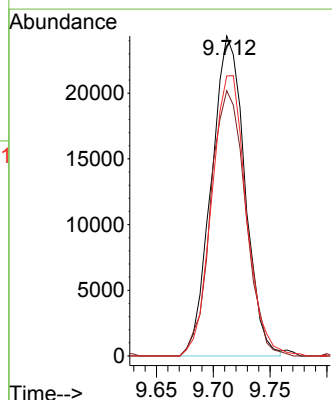
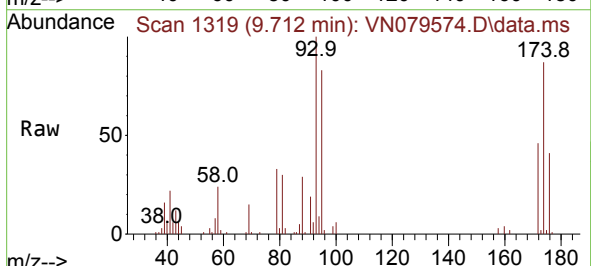
Tgt Ion: 93 Resp: 49846

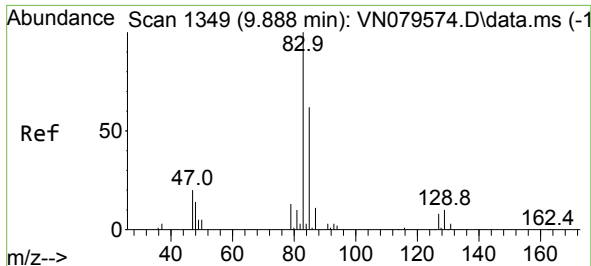
Ion Ratio Lower Upper

93 100

95 86.3 0.0 166.6

174 90.5 0.0 171.0

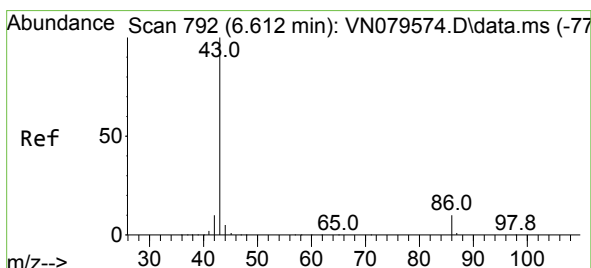
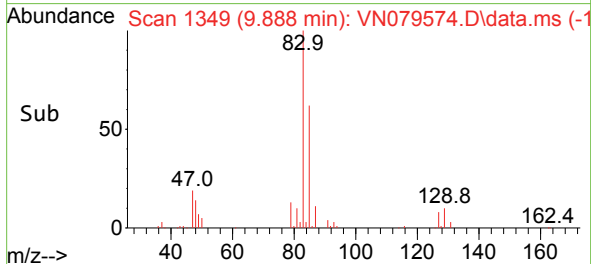
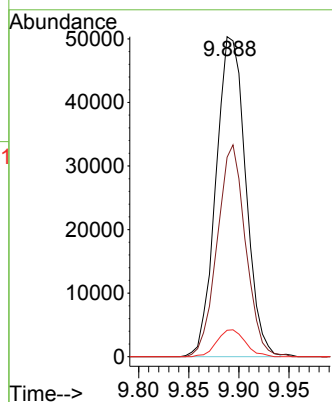
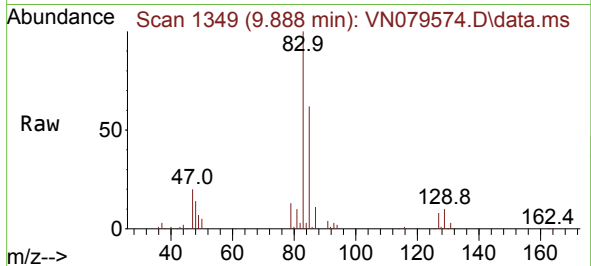




#41
Bromodichloromethane
Concen: 19.338 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

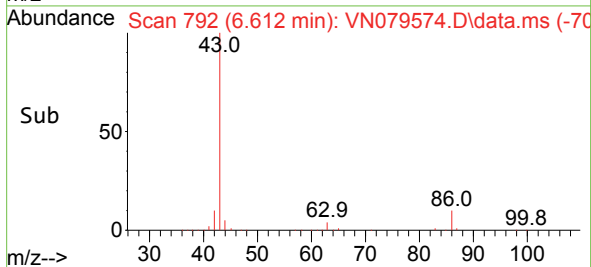
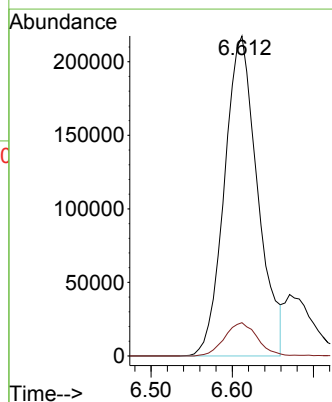
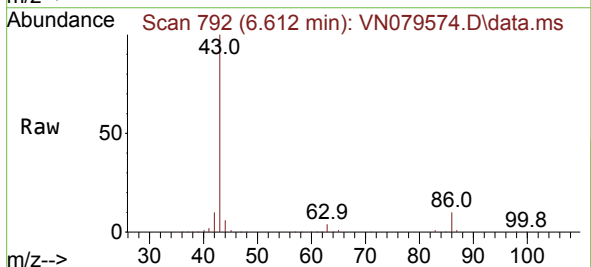
Instrument :
MSVOA_N
ClientSampleId :

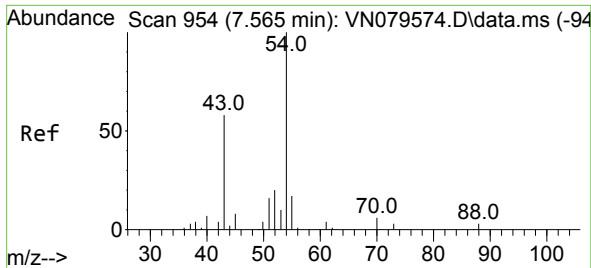
Tgt Ion: 83 Resp: 103873
Ion Ratio Lower Upper
83 100
85 62.3 50.3 75.5
127 8.2 6.8 10.2



#42
Vinyl Acetate
Concen: 98.702 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 43 Resp: 618227
Ion Ratio Lower Upper
43 100
86 10.3 8.2 12.2

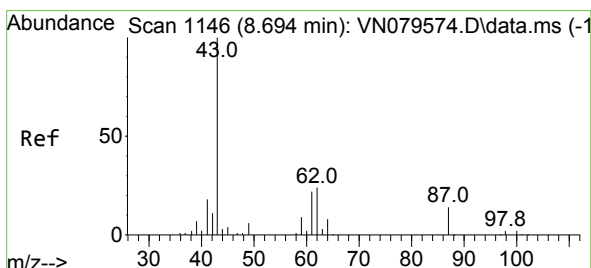
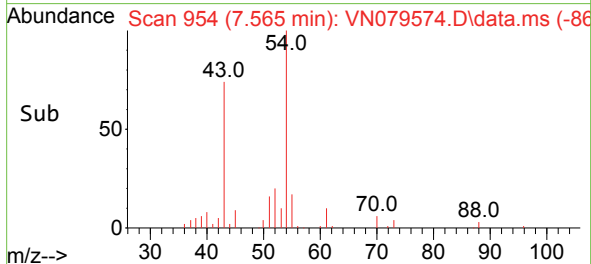
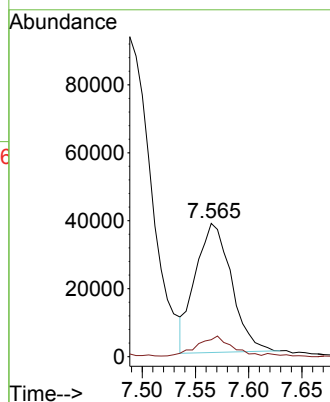
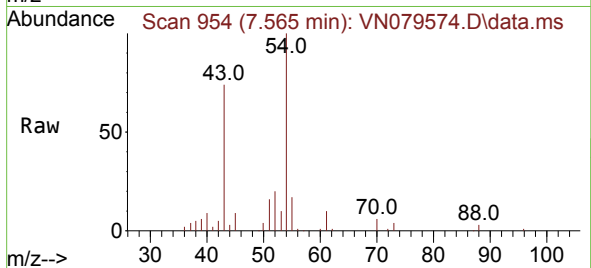




#43
Ethyl Acetate
Concen: 19.222 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

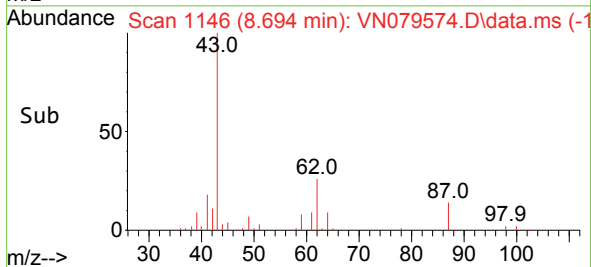
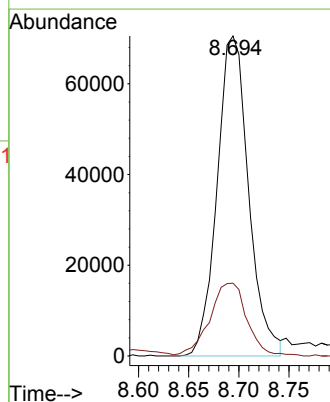
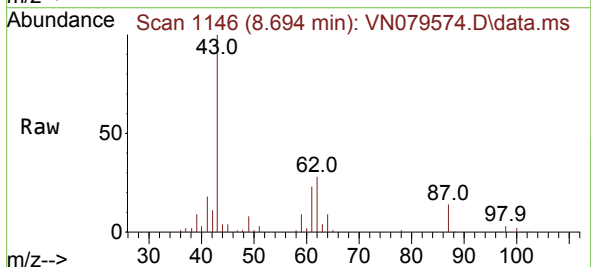
Instrument :
MSVOA_N
ClientSampleId :

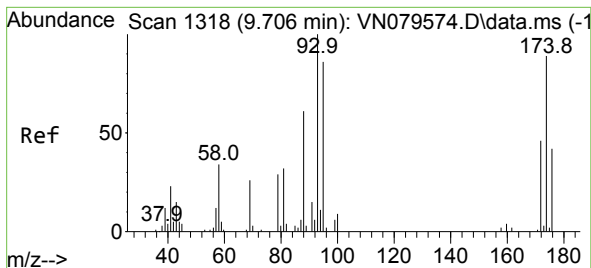
Tgt Ion: 43 Resp: 89249
Ion Ratio Lower Upper
43 100
45 15.5 11.8 17.8



#44
Isopropyl Acetate
Concen: 18.713 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 43 Resp: 154452
Ion Ratio Lower Upper
43 100
61 26.8 20.3 30.5





#45

1,4-Dioxane

Concen: 401.847 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

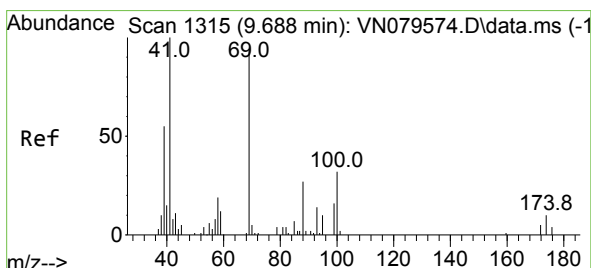
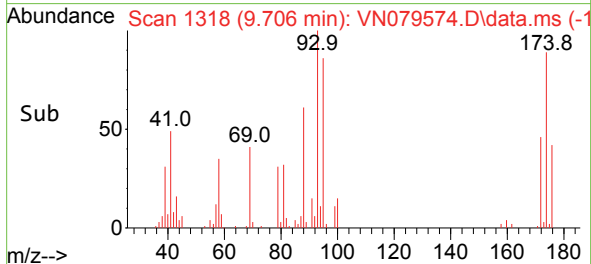
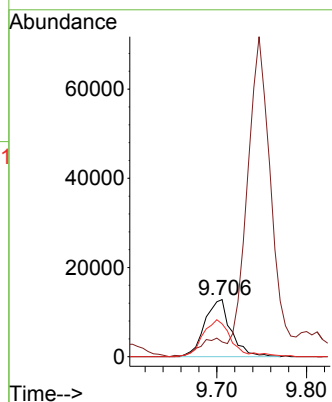
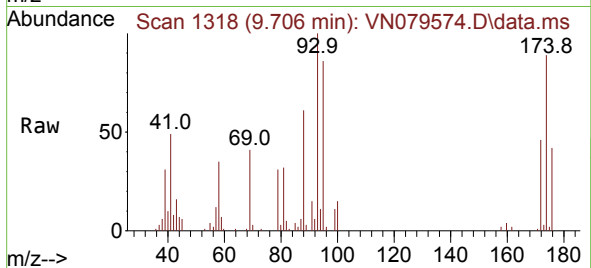
Tgt Ion: 88 Resp: 25962

Ion Ratio Lower Upper

88 100

43 28.8 28.7 43.1

58 66.4 56.9 85.3



#46

Methyl methacrylate

Concen: 19.888 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

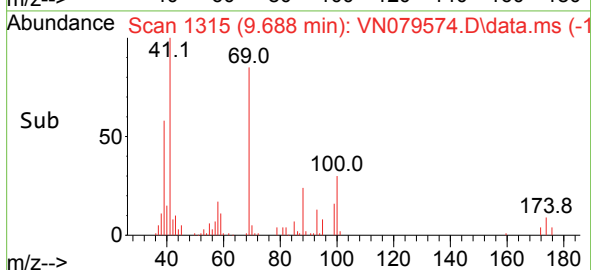
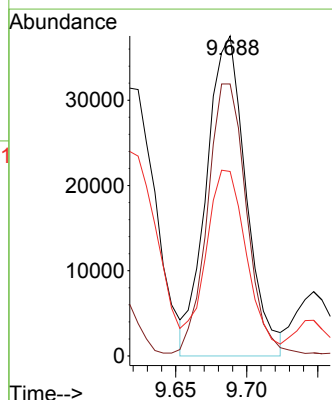
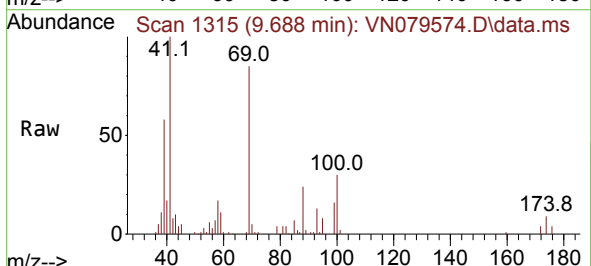
Tgt Ion: 41 Resp: 72824

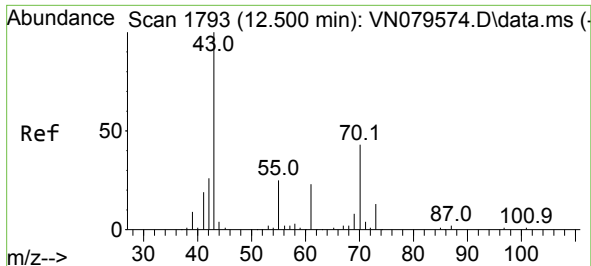
Ion Ratio Lower Upper

41 100

69 89.6 40.0 119.9

39 58.2 31.1 93.3

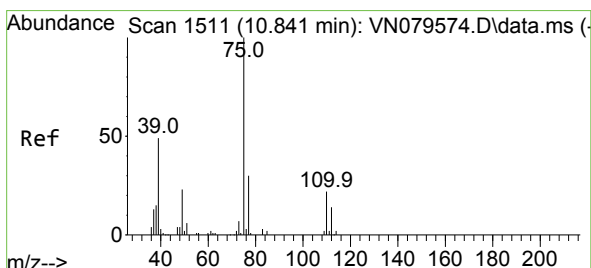
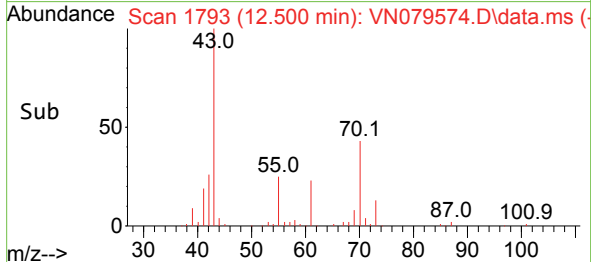
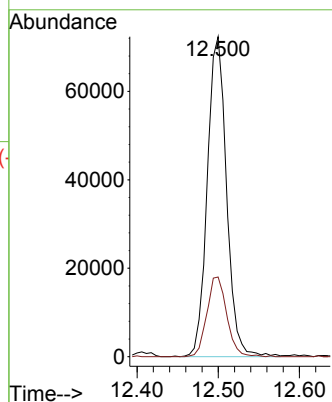
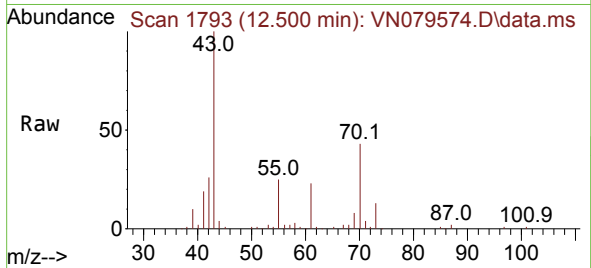




#47
n-amyl acetate
Concen: 19.986 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

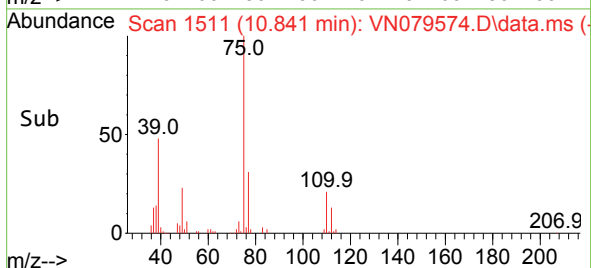
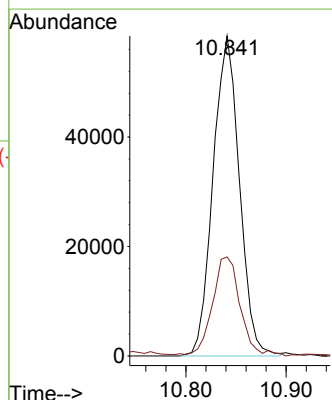
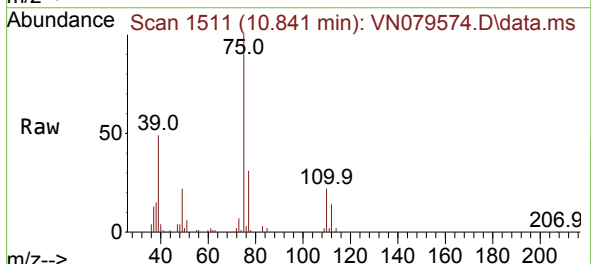
Instrument :
MSVOA_N
ClientSampleId :

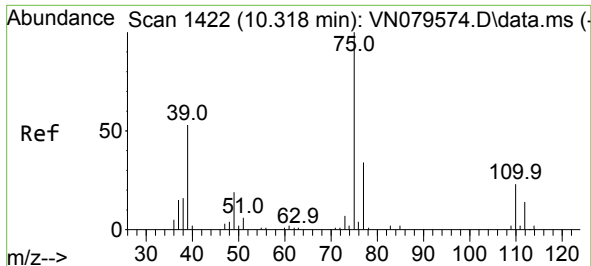
Tgt Ion: 43 Resp: 119052
Ion Ratio Lower Upper
43 100
55 25.6 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 19.675 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 75 Resp: 106836
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 19.496 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

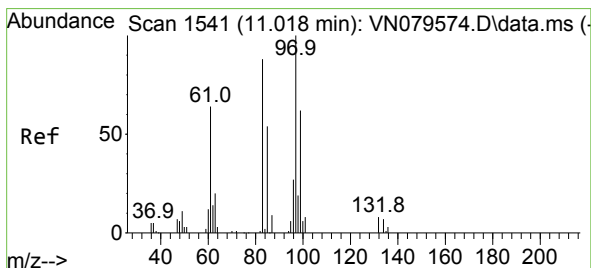
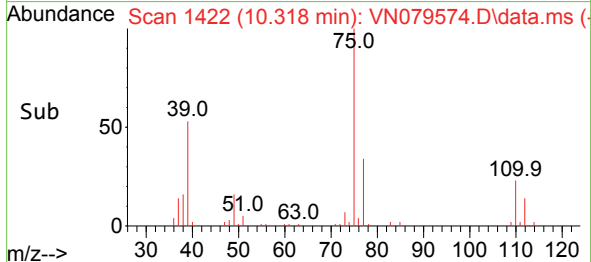
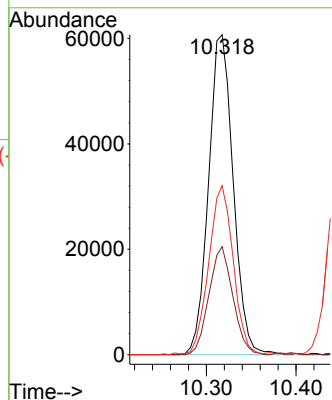
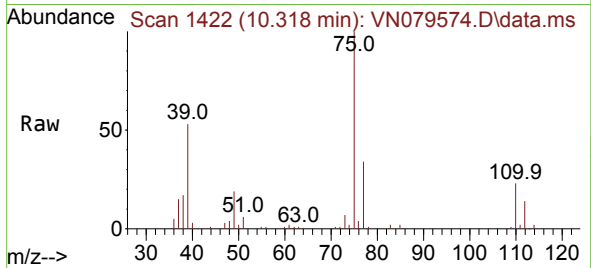
Tgt Ion: 75 Resp: 115764

Ion Ratio Lower Upper

75 100

77 33.7 25.8 38.6

39 52.5 42.4 63.6



#50

1,1,2-Trichloroethane

Concen: 19.286 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Tgt Ion: 97 Resp: 69349

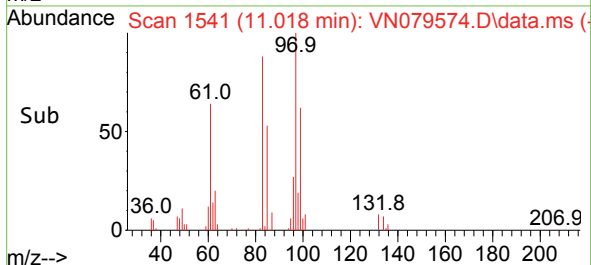
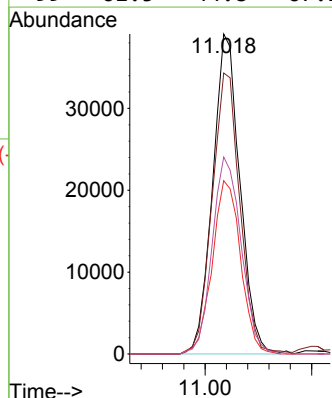
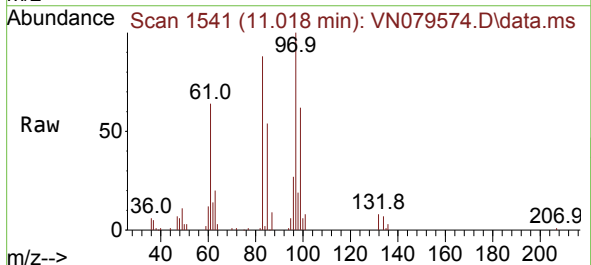
Ion Ratio Lower Upper

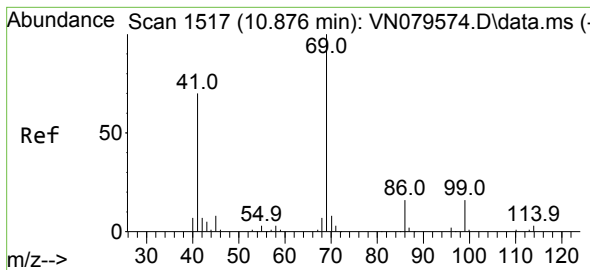
97 100

83 87.8 68.2 102.4

85 54.2 42.9 64.3

99 61.5 44.8 67.2

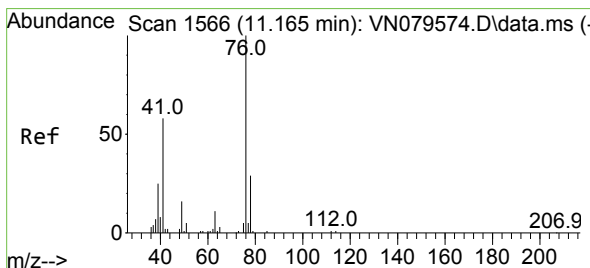
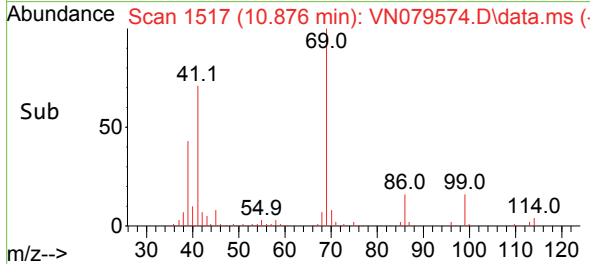
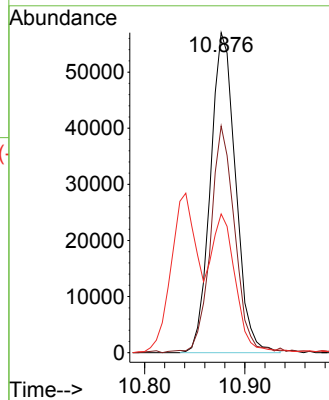
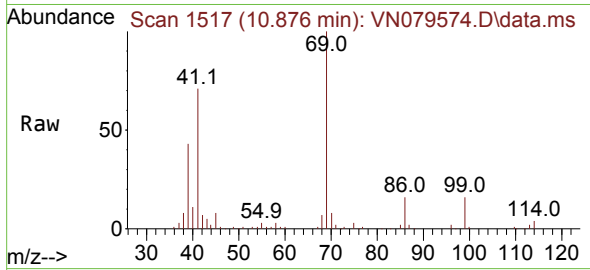




#51
Ethyl methacrylate
Concen: 20.036 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

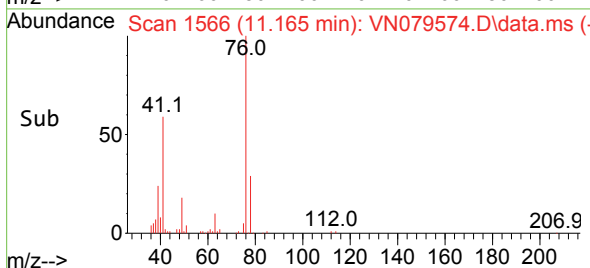
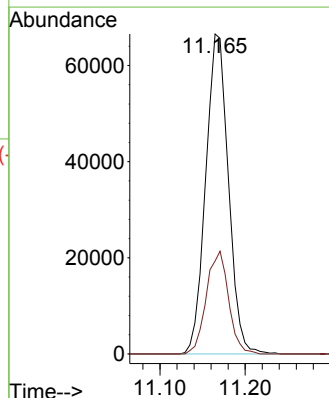
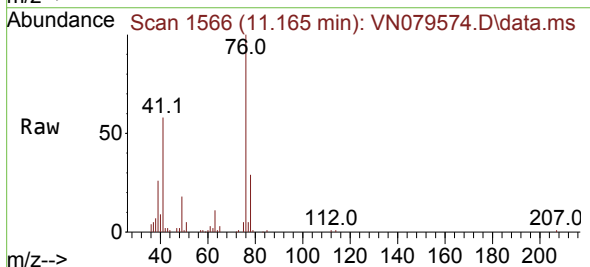
Instrument :
MSVOA_N
ClientSampleId :

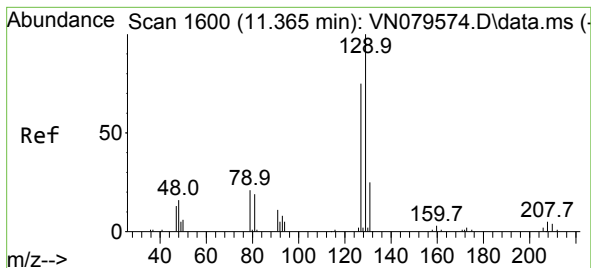
Tgt Ion: 69 Resp: 99400
Ion Ratio Lower Upper
69 100
41 70.2 33.8 101.3
39 42.6 21.3 63.9



#52
1,3-Dichloropropane
Concen: 19.343 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 76 Resp: 123217
Ion Ratio Lower Upper
76 100
78 31.4 0.0 64.0

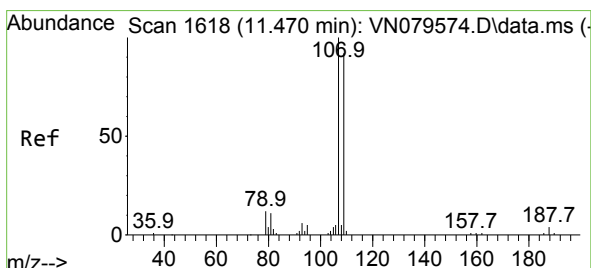
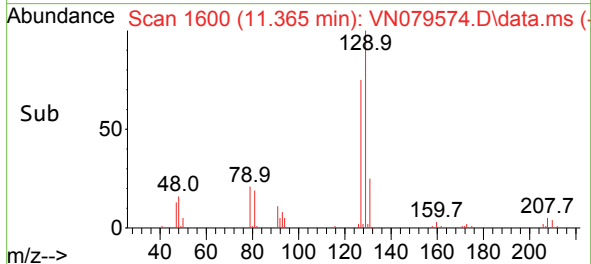
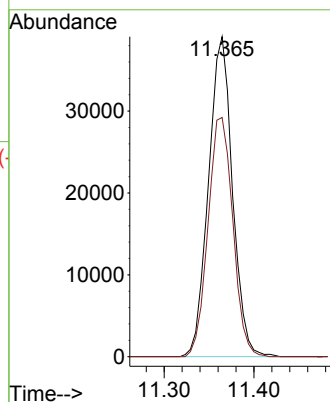
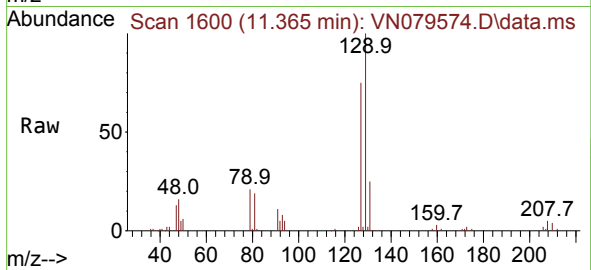




#53
Dibromochloromethane
Concen: 19.746 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

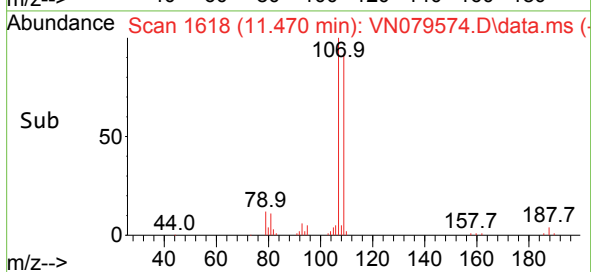
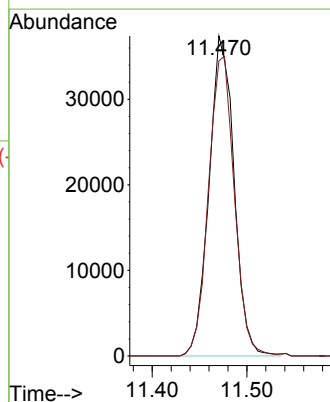
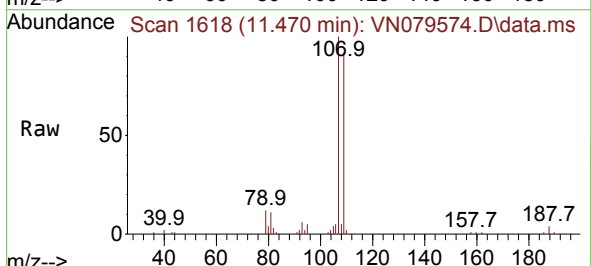
Instrument :
MSVOA_N
ClientSampleId :

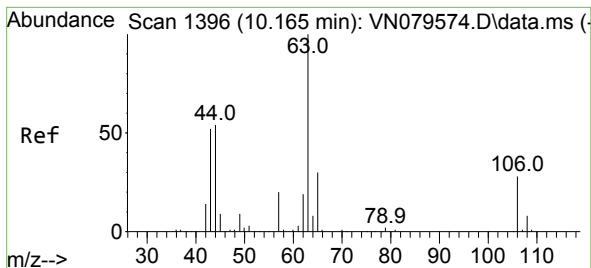
Tgt Ion:129 Resp: 72565
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3



#54
1,2-Dibromoethane
Concen: 19.328 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion:107 Resp: 68565
Ion Ratio Lower Upper
107 100
109 96.5 73.2 109.8

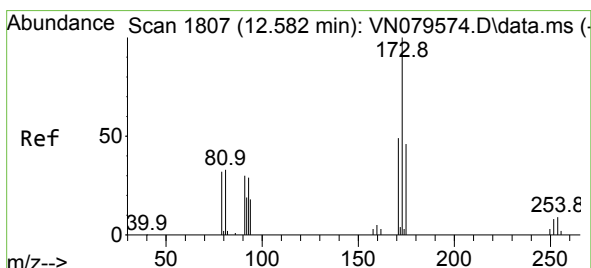
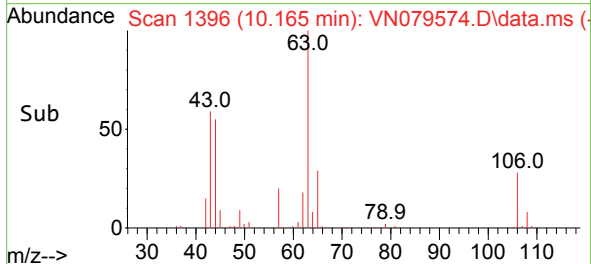
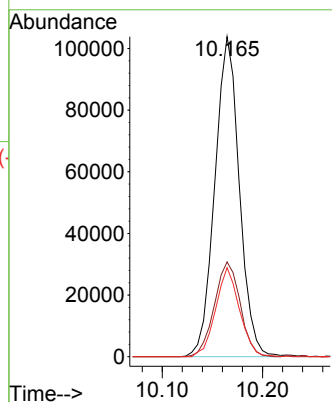
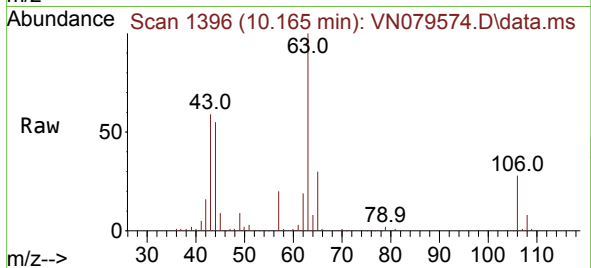




#55
2-Chloroethyl vinyl ether
Concen: 92.905 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

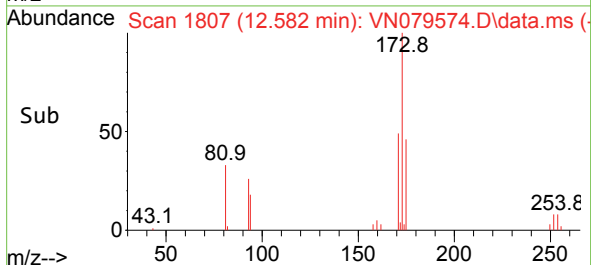
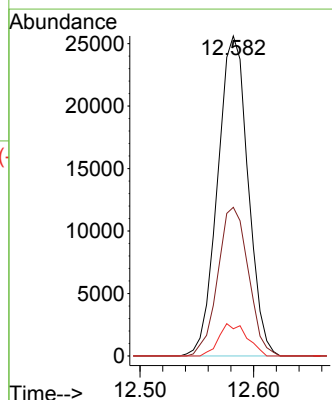
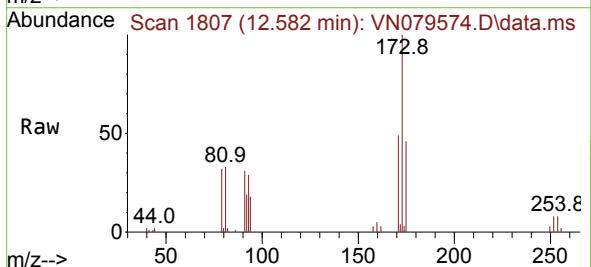
Instrument :
MSVOA_N
ClientSampleId :

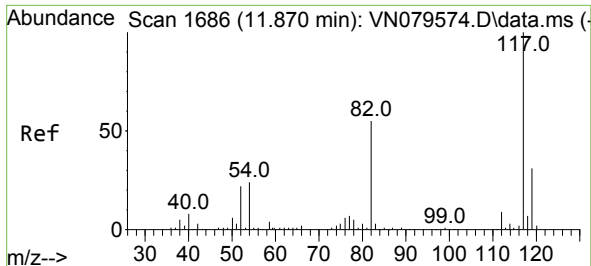
Tgt Ion: 63 Resp: 175848
Ion Ratio Lower Upper
63 100
65 31.1 25.9 38.9
106 27.1 20.6 30.8



#56
Bromoform
Concen: 19.584 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion:173 Resp: 47611
Ion Ratio Lower Upper
173 100
175 46.8 37.9 56.9
254 9.4 7.3 10.9

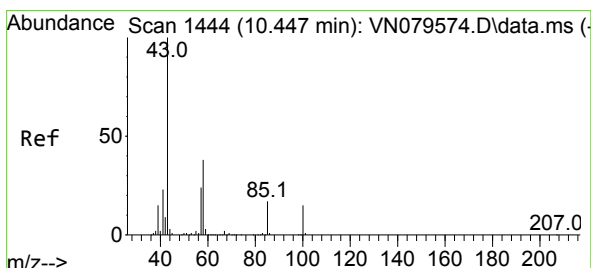
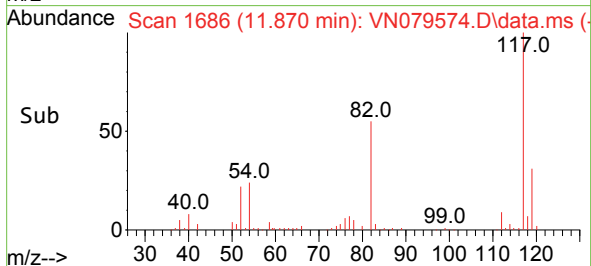
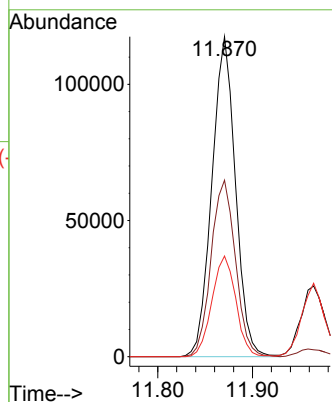
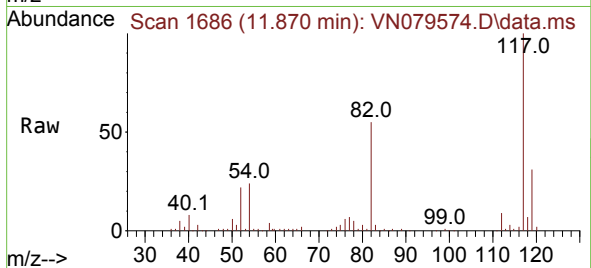




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

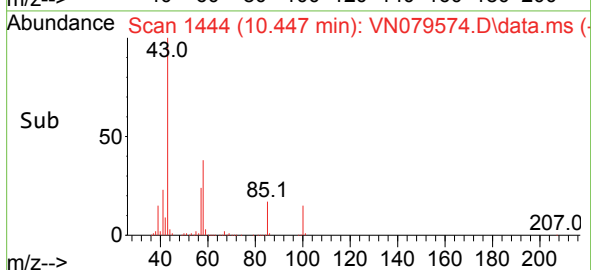
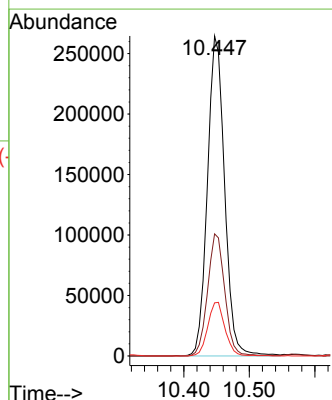
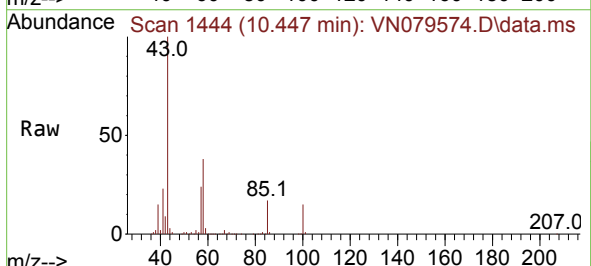
Instrument :
MSVOA_N
ClientSampleId :

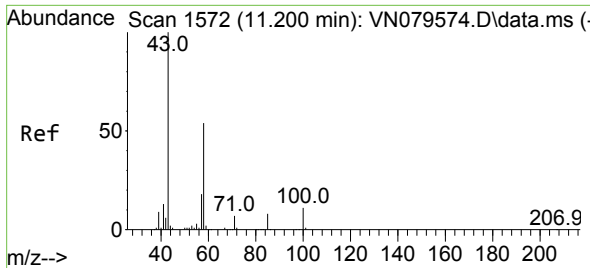
Tgt Ion:117 Resp: 203156
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.2
119 32.0 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 101.984 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 43 Resp: 483253
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6
85 16.6 13.2 19.8

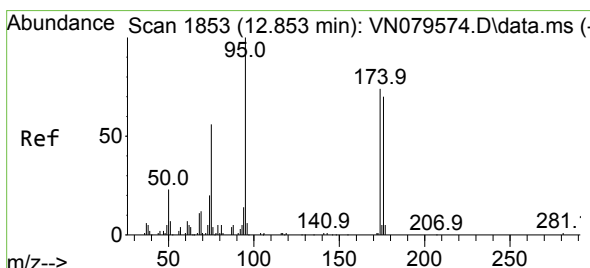
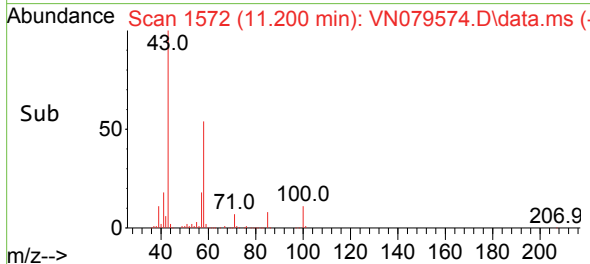
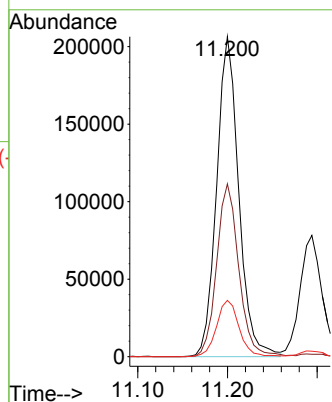
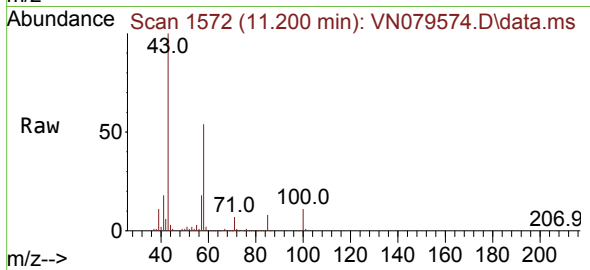




#59
2-Hexanone
Concen: 101.688 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

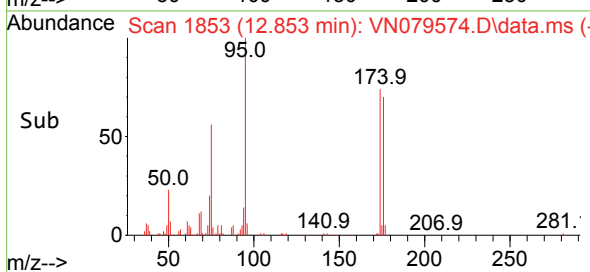
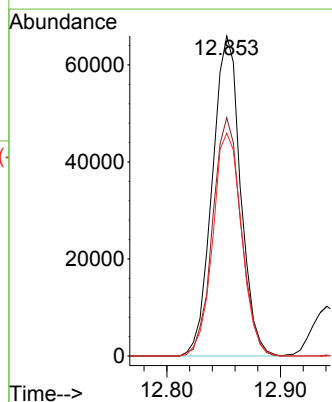
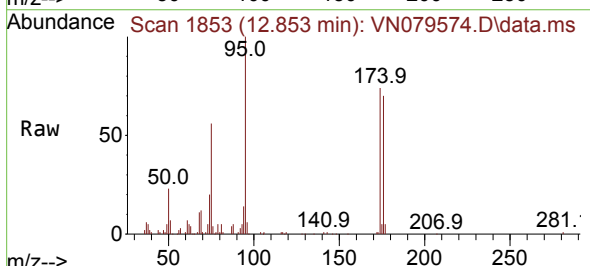
Instrument :
MSVOA_N
ClientSampleId :

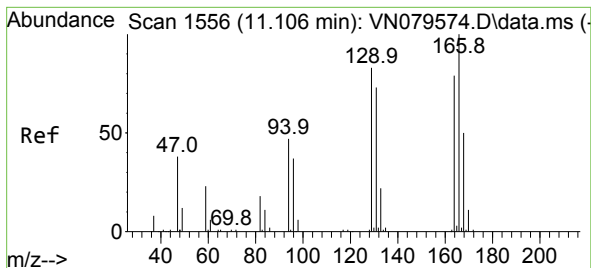
Tgt Ion: 43 Resp: 353501
Ion Ratio Lower Upper
43 100
58 54.2 42.3 63.5
57 17.9 13.9 20.9



#60
4-Bromofluorobenzene
Concen: 30.659 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 95 Resp: 113903
Ion Ratio Lower Upper
95 100
174 75.0 60.5 90.7
176 71.1 57.2 85.8





#61

Tetrachloroethene

Concen: 20.150 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:164 Resp: 56205

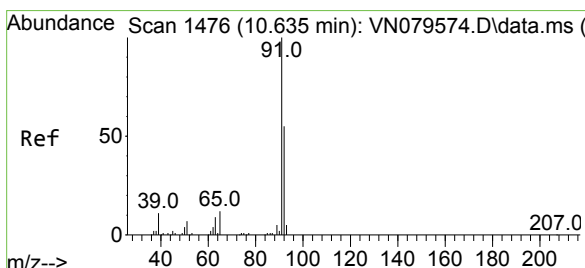
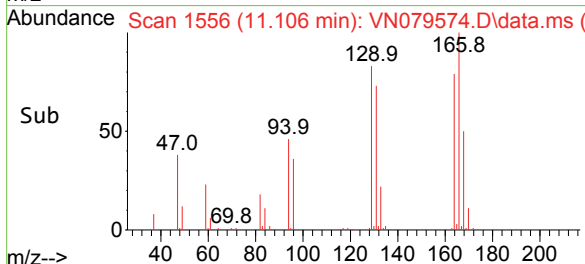
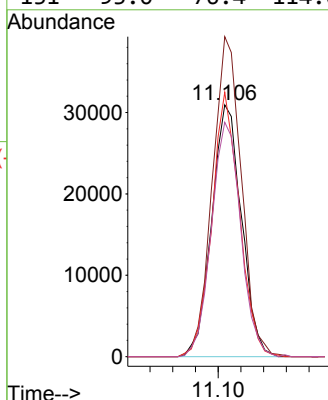
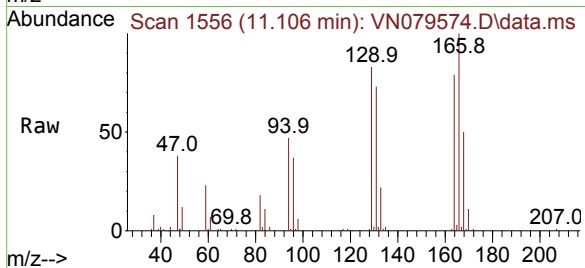
Ion Ratio Lower Upper

164 100

166 127.0 98.2 147.4

129 105.0 75.0 112.4

131 93.0 76.4 114.6



#62

Toluene

Concen: 19.841 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079574.D

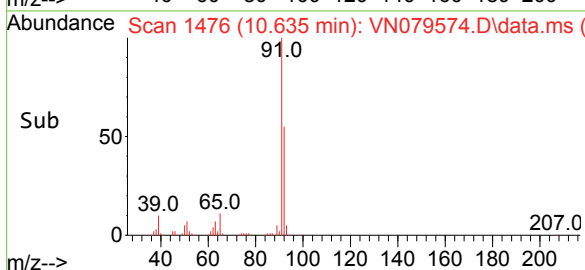
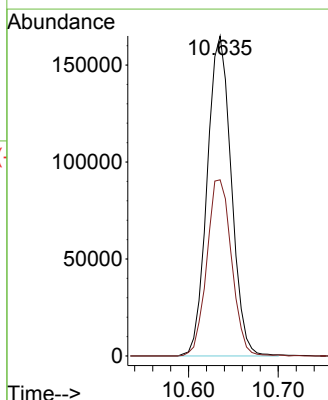
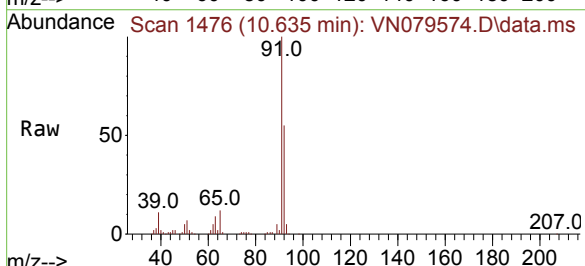
Acq: 17 Oct 2023 11:21

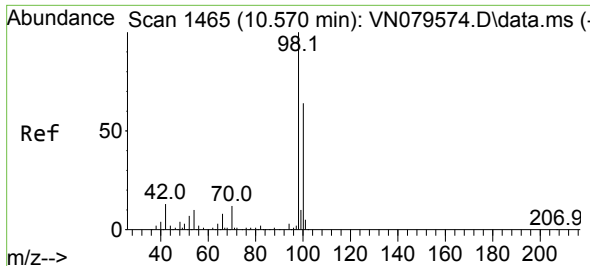
Tgt Ion: 91 Resp: 308052

Ion Ratio Lower Upper

91 100

92 56.4 45.3 67.9

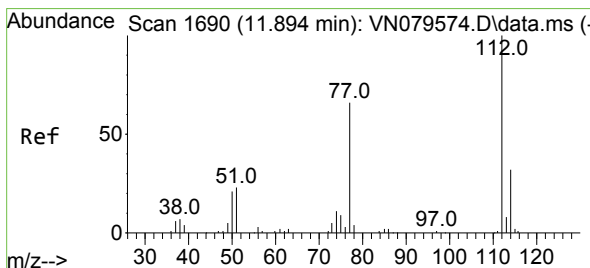
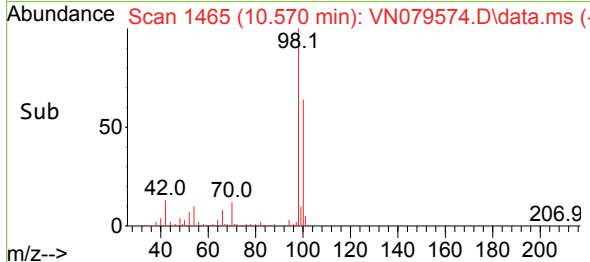
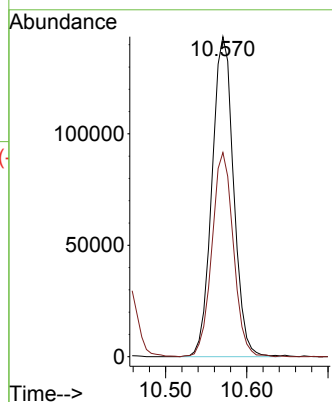
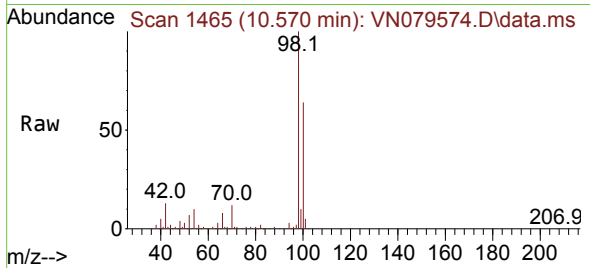




#63
Toluene-d8
Concen: 30.491 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

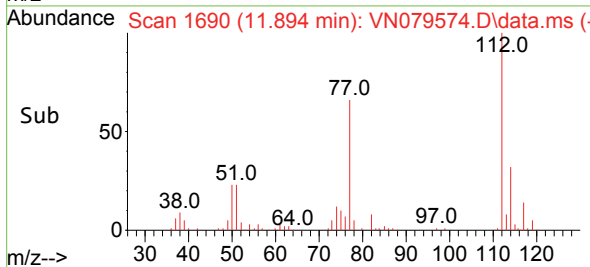
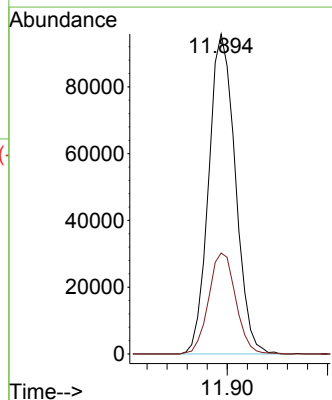
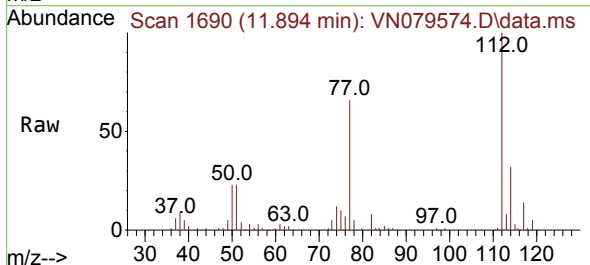
Instrument :
MSVOA_N
ClientSampleId :

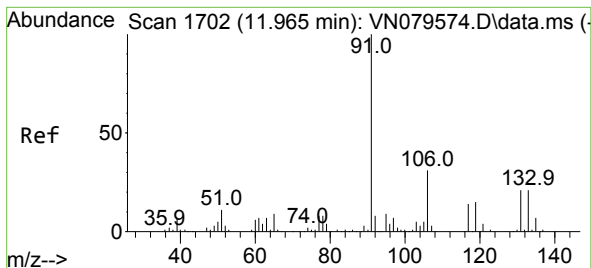
Tgt Ion: 98 Resp: 265439
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#64
Chlorobenzene
Concen: 19.638 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion: 112 Resp: 176838
Ion Ratio Lower Upper
112 100
114 31.6 28.1 42.1

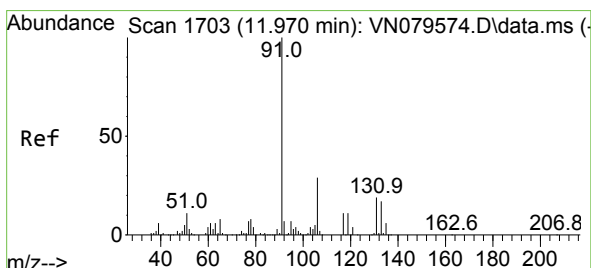
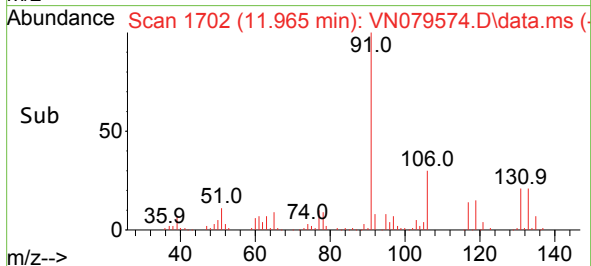
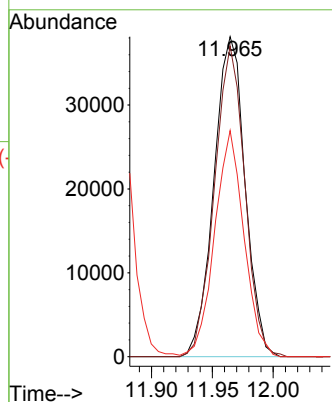
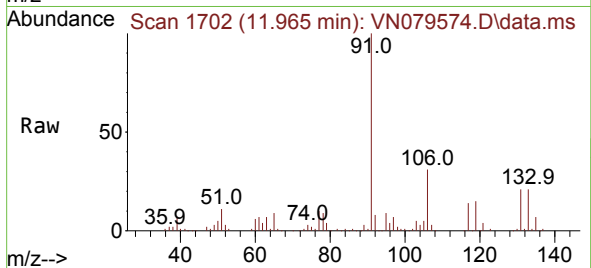




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.840 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079574.D
 Acq: 17 Oct 2023 11:21

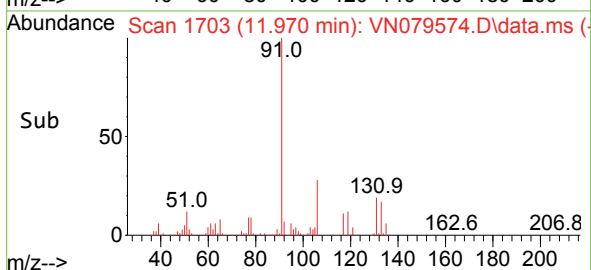
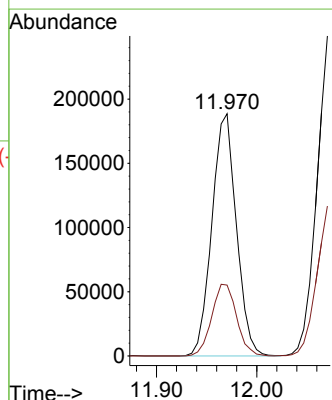
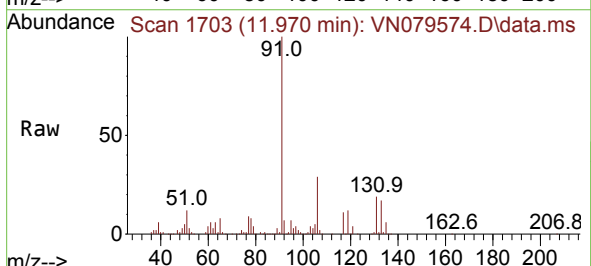
Instrument :
 MSVOA_N
 ClientSampleId :

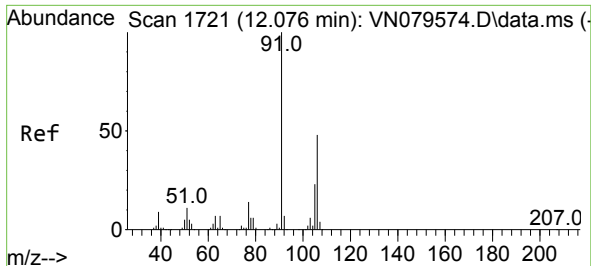
Tgt Ion:131 Resp: 68055
 Ion Ratio Lower Upper
 131 100
 133 94.1 0.0 196.0
 119 66.1 0.0 135.6



#66
 Ethyl Benzene
 Concen: 19.987 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: VN079574.D
 Acq: 17 Oct 2023 11:21

Tgt Ion: 91 Resp: 319732
 Ion Ratio Lower Upper
 91 100
 106 29.3 23.8 35.8

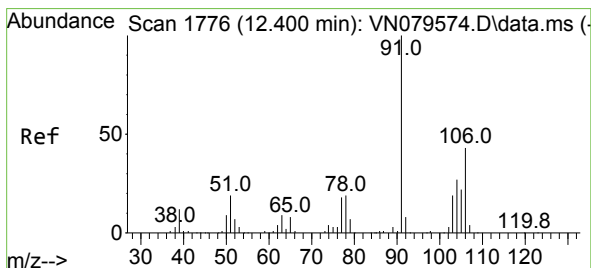
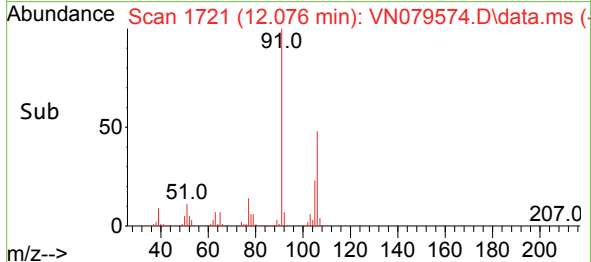
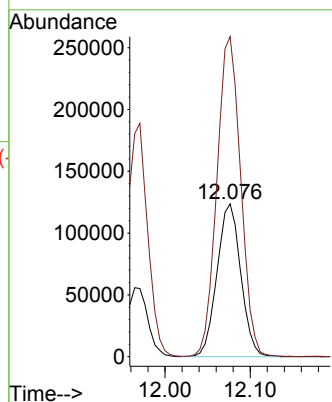
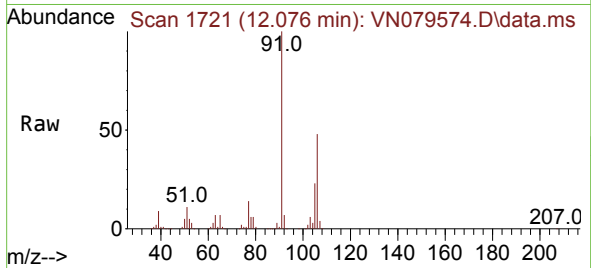




#67
m/p-Xylenes
Concen: 40.417 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

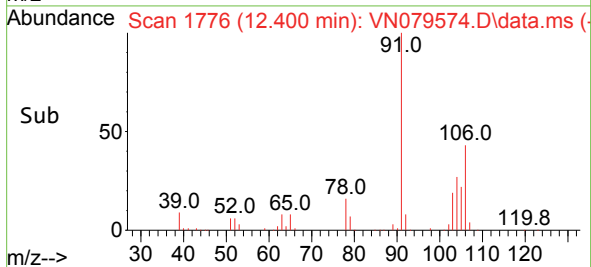
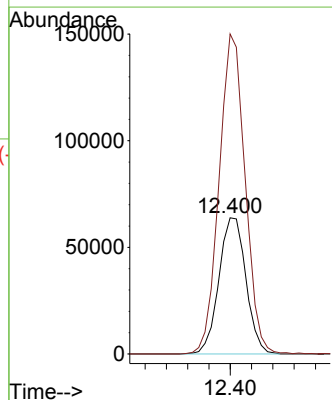
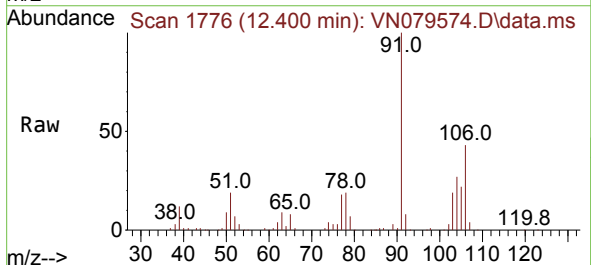
Instrument :
MSVOA_N
ClientSampleId :

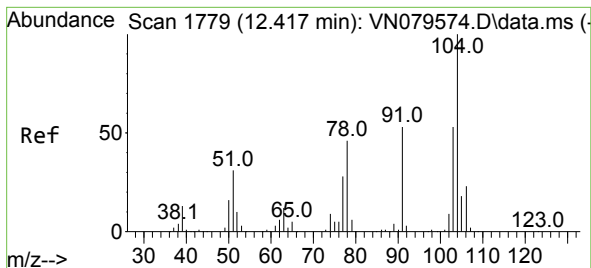
Tgt Ion:106 Resp: 239144
Ion Ratio Lower Upper
106 100
91 210.1 161.8 242.6



#68
o-Xylene
Concen: 19.890 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion:106 Resp: 112504
Ion Ratio Lower Upper
106 100
91 226.0 109.9 329.7





#69

Styrene

Concen: 20.463 ug/l

RT: 12.417 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

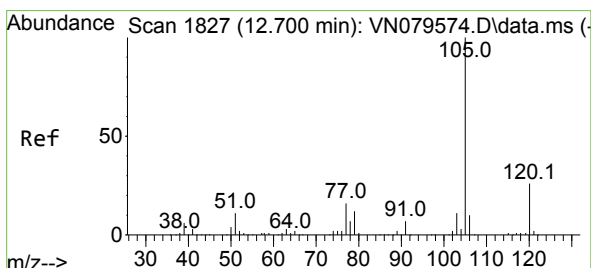
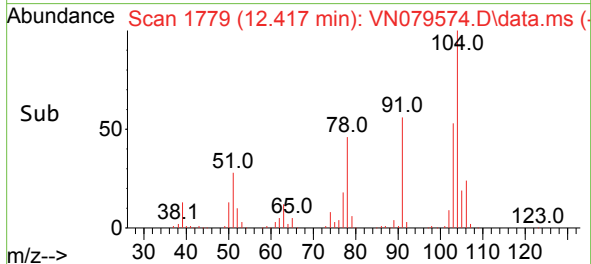
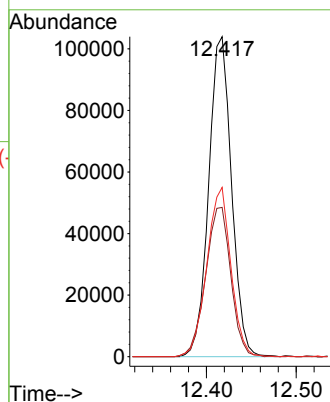
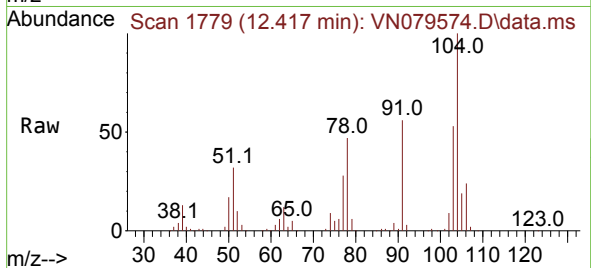
Tgt Ion:104 Resp: 183748

Ion Ratio Lower Upper

104 100

78 51.4 41.2 61.8

103 55.8 43.1 64.7



#70

Isopropylbenzene

Concen: 20.099 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079574.D

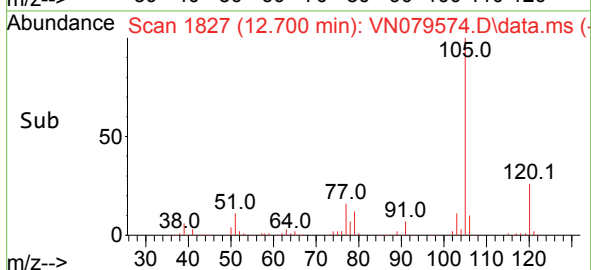
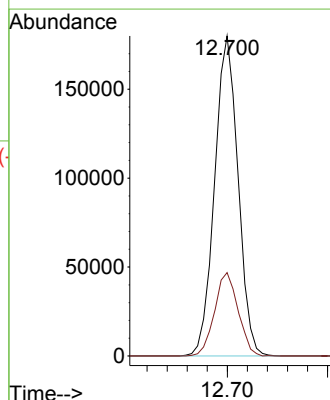
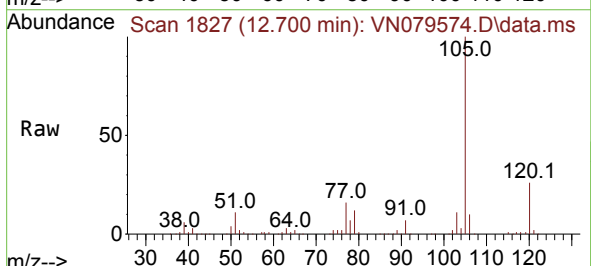
Acq: 17 Oct 2023 11:21

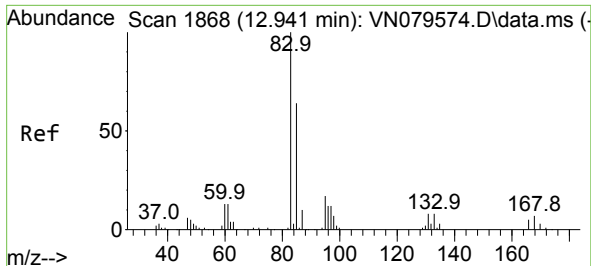
Tgt Ion:105 Resp: 291761

Ion Ratio Lower Upper

105 100

120 26.1 18.1 33.5

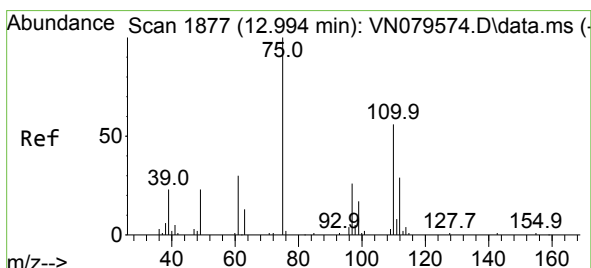
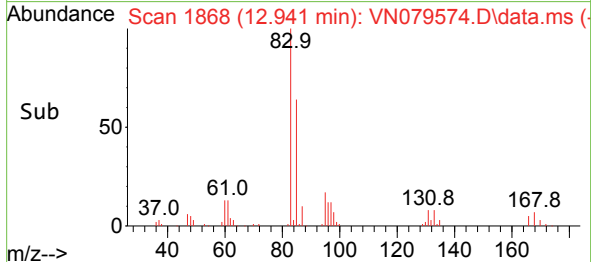
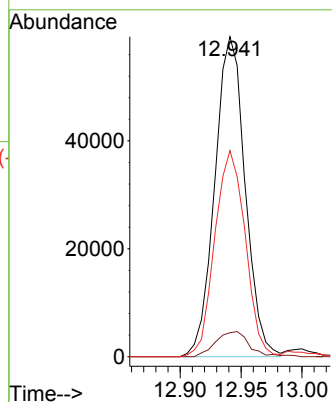
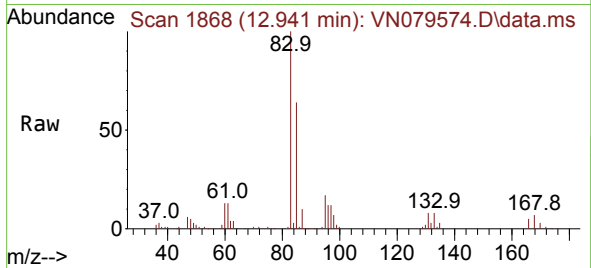




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.951 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079574.D
 Acq: 17 Oct 2023 11:21

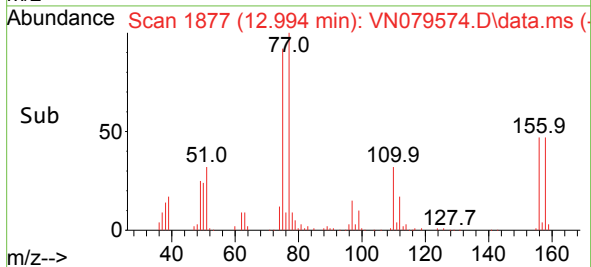
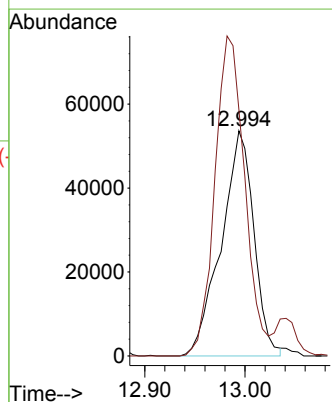
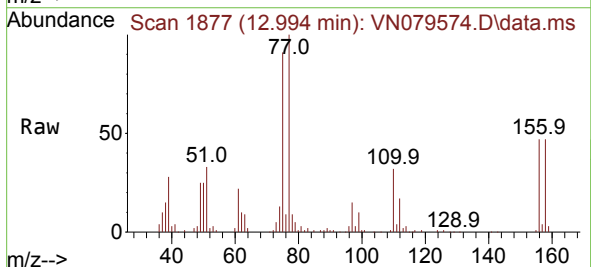
Instrument :
 MSVOA_N
 ClientSampleId :

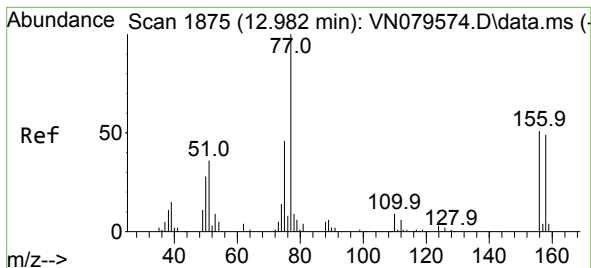
Tgt Ion: 83 Resp: 102979
 Ion Ratio Lower Upper
 83 100
 131 8.3 4.5 13.4
 85 64.5 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 24.481 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079574.D
 Acq: 17 Oct 2023 11:21

Tgt Ion: 75 Resp: 121746
 Ion Ratio Lower Upper
 75 100
 77 129.2 0.0 338.2





#73

Bromobenzene

Concen: 20.345 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

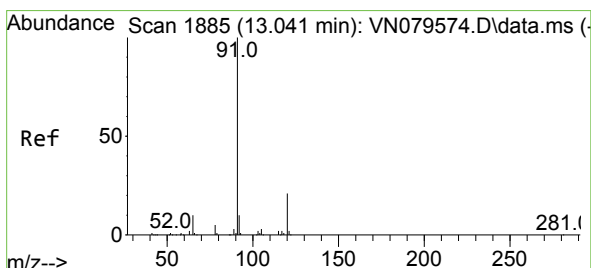
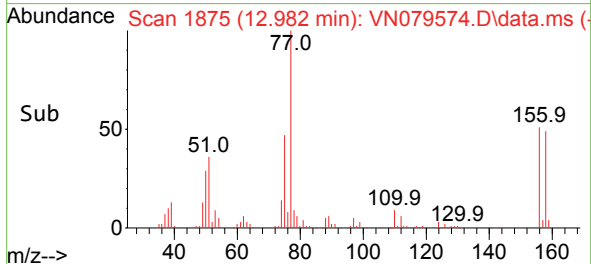
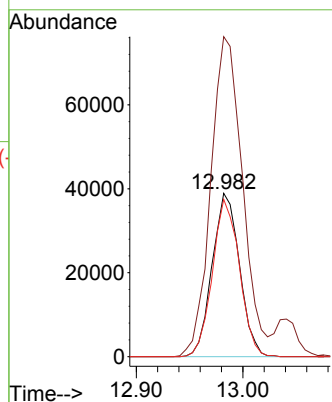
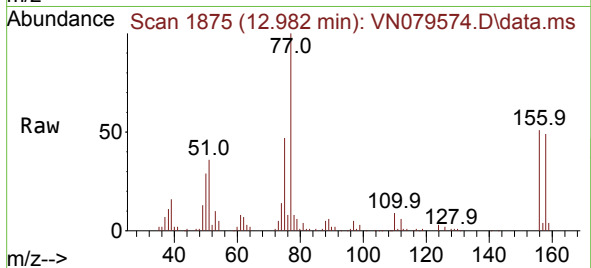
Tgt Ion:156 Resp: 69378

Ion Ratio Lower Upper

156 100

77 226.7 0.0 448.2

158 95.0 0.0 194.8



#74

n-propylbenzene

Concen: 20.143 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079574.D

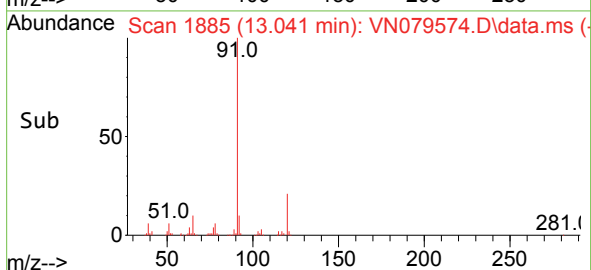
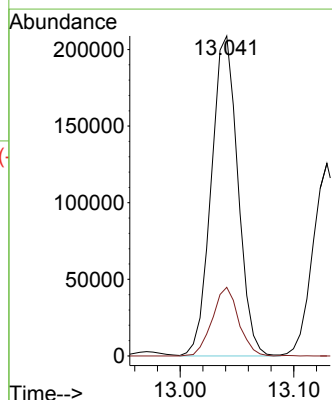
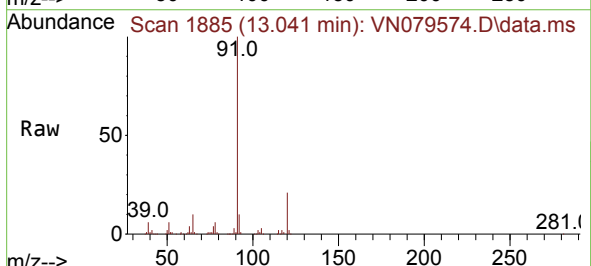
Acq: 17 Oct 2023 11:21

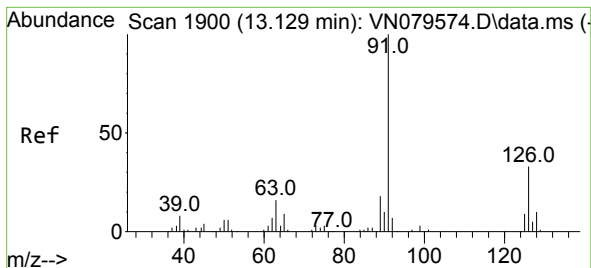
Tgt Ion: 91 Resp: 340420

Ion Ratio Lower Upper

91 100

120 21.1 0.0 42.0





#75

2-Chlorotoluene

Concen: 20.148 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

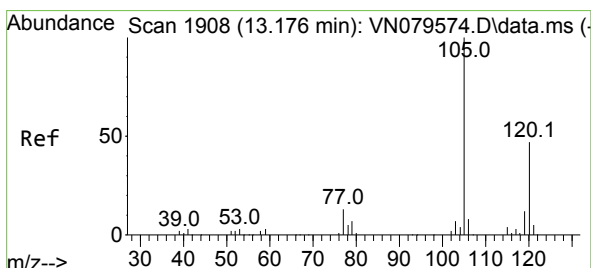
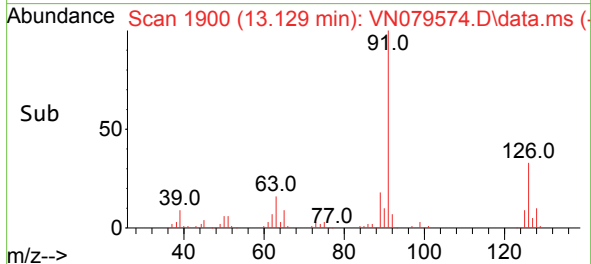
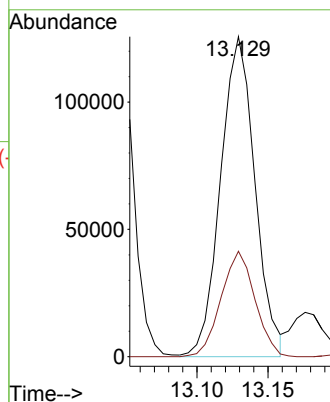
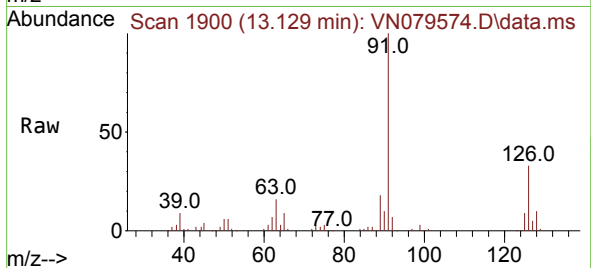
ClientSampleId :

Tgt Ion: 91 Resp: 211680

Ion Ratio Lower Upper

91 100

126 32.4 0.0 64.6



#76

1,3,5-Trimethylbenzene

Concen: 20.338 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079574.D

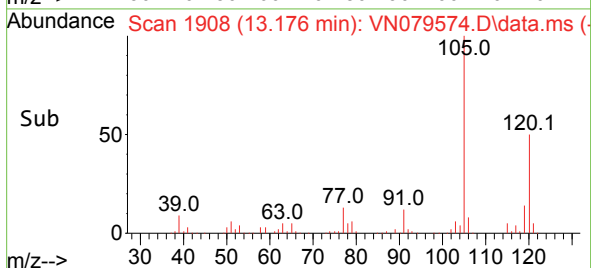
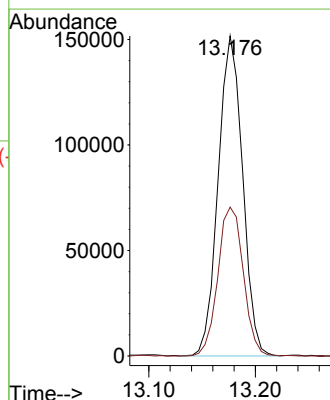
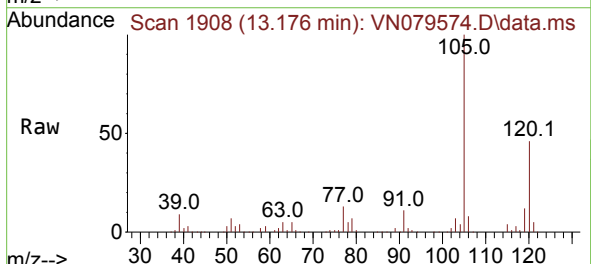
Acq: 17 Oct 2023 11:21

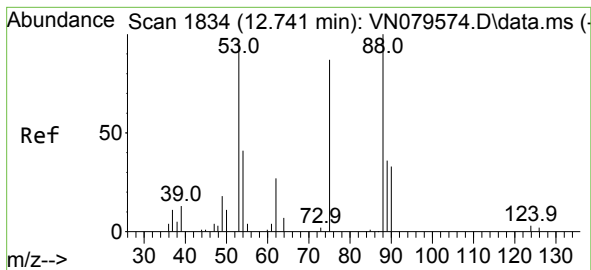
Tgt Ion: 105 Resp: 241343

Ion Ratio Lower Upper

105 100

120 48.4 0.0 93.2

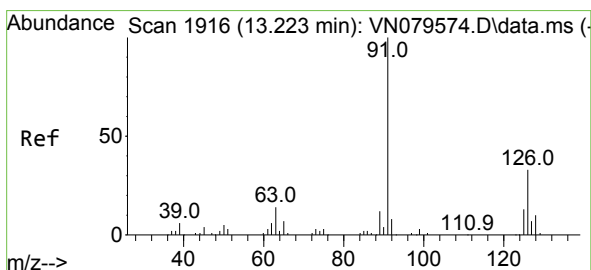
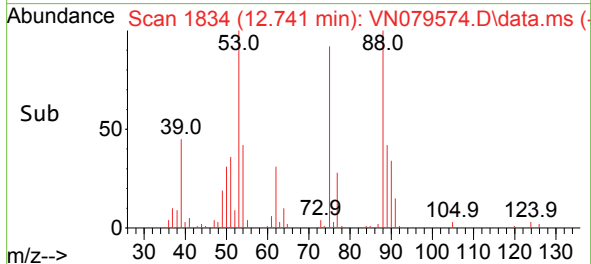
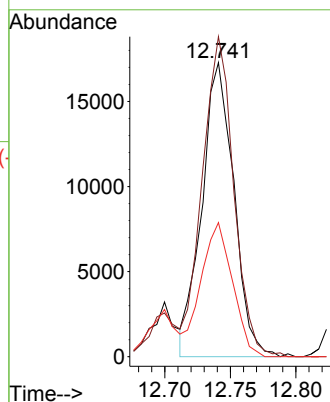
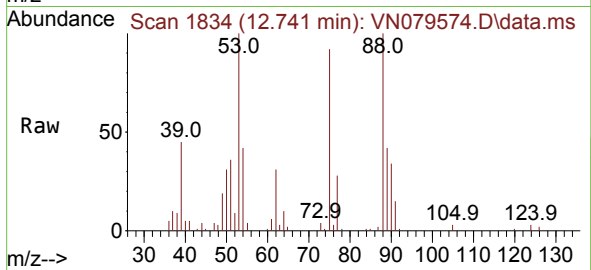




#77
 t-1,4-Dichloro-2-butene
 Concen: 20.481 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN079574.D
 Acq: 17 Oct 2023 11:21

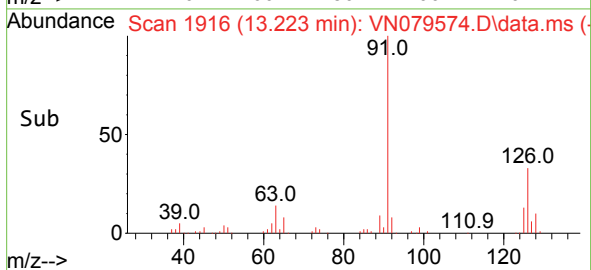
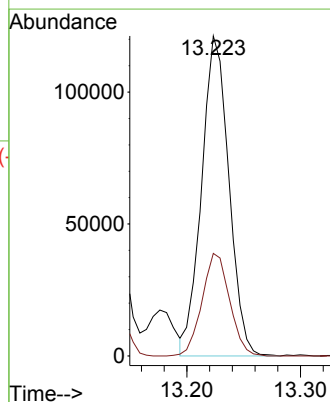
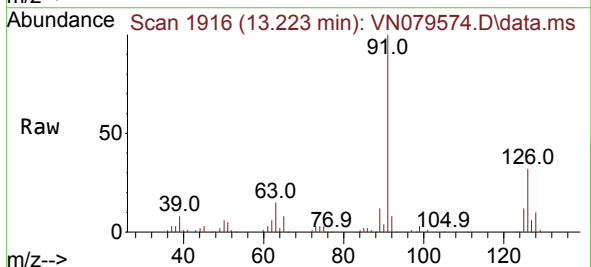
Instrument :
 MSVOA_N
 ClientSampleId :

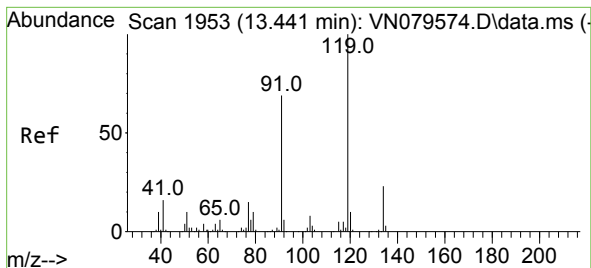
Tgt Ion: 75 Resp: 29300
 Ion Ratio Lower Upper
 75 100
 53 107.5 53.0 159.1
 89 45.6 22.6 67.7



#78
 4-Chlorotoluene
 Concen: 20.378 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN079574.D
 Acq: 17 Oct 2023 11:21

Tgt Ion: 91 Resp: 202290
 Ion Ratio Lower Upper
 91 100
 126 32.4 0.0 65.4





#79

tert-butylbenzene

Concen: 19.823 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

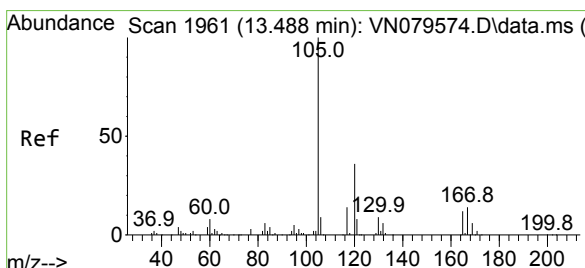
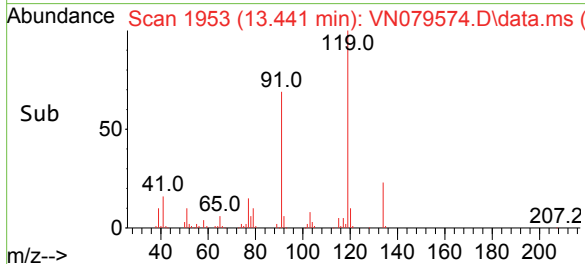
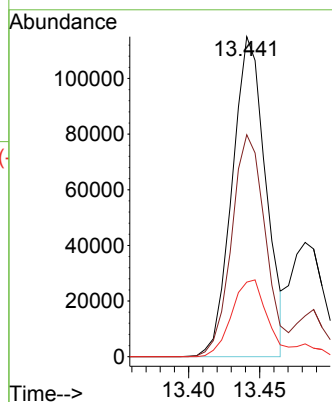
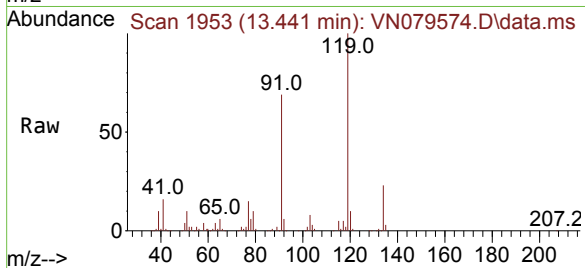
Tgt Ion:119 Resp: 189129

Ion Ratio Lower Upper

119 100

91 70.5 0.0 140.6

134 25.4 0.0 49.8



#80

1,2,4-Trimethylbenzene

Concen: 20.265 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079574.D

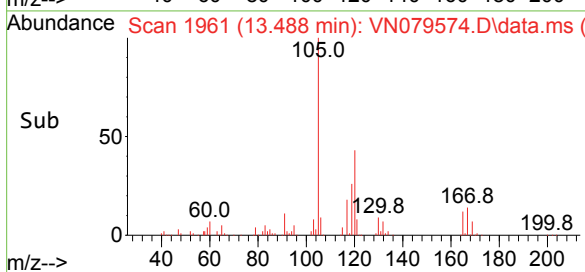
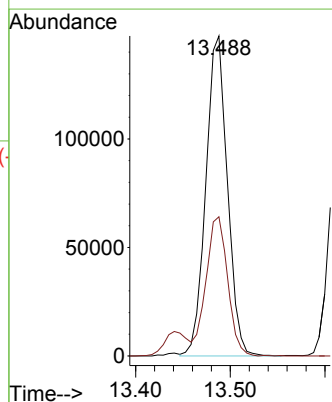
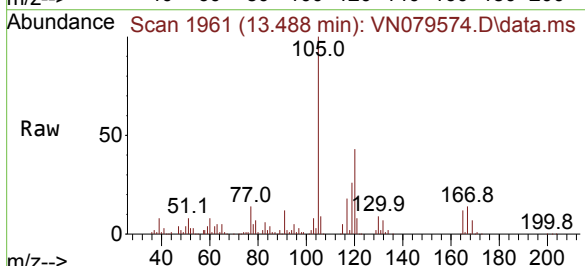
Acq: 17 Oct 2023 11:21

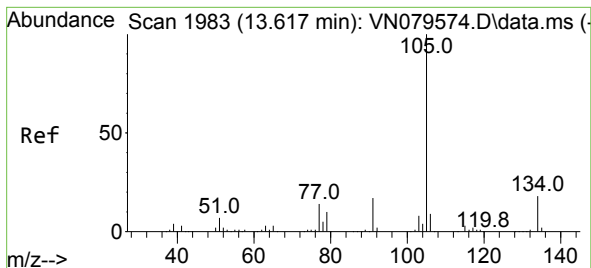
Tgt Ion:105 Resp: 233019

Ion Ratio Lower Upper

105 100

120 43.7 0.0 88.6

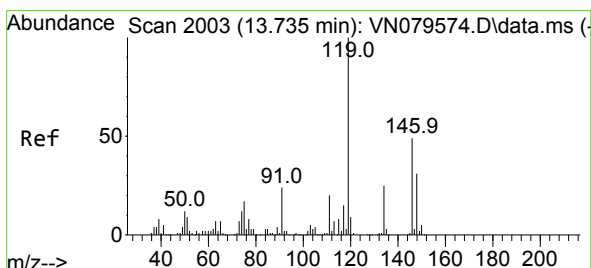
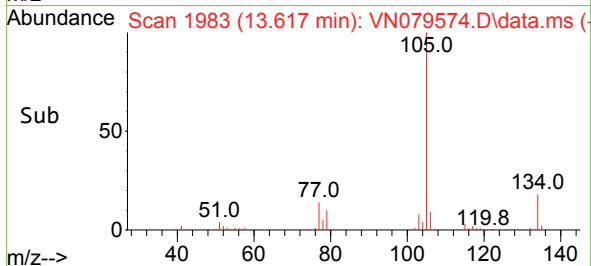
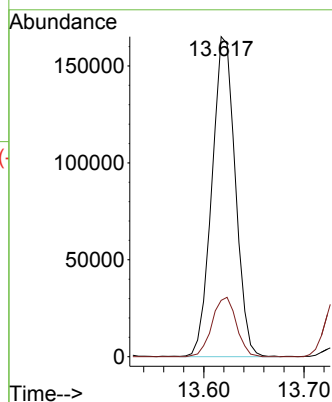
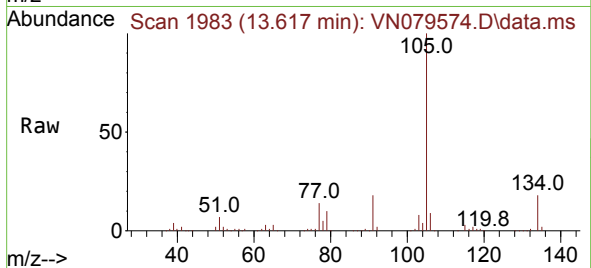




#81
 sec-Butylbenzene
 Concen: 19.992 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079574.D
 Acq: 17 Oct 2023 11:21

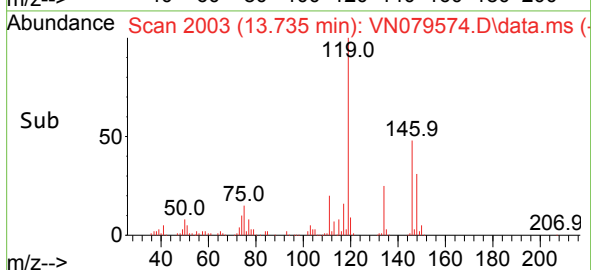
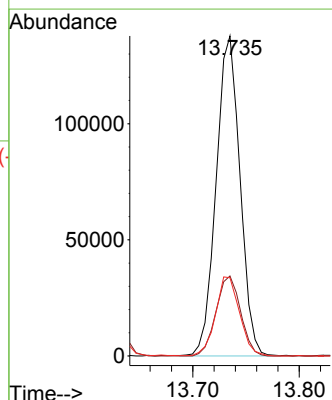
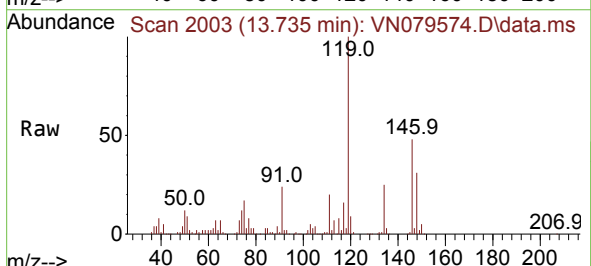
Instrument :
 MSVOA_N
 ClientSampleId :

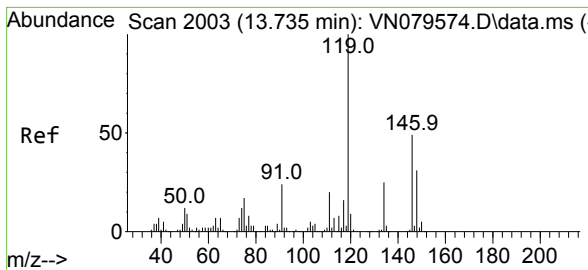
Tgt Ion:105 Resp: 267776
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.2



#82
 p-Isopropyltoluene
 Concen: 20.170 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079574.D
 Acq: 17 Oct 2023 11:21

Tgt Ion:119 Resp: 214305
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.2
 91 25.0 0.0 50.0

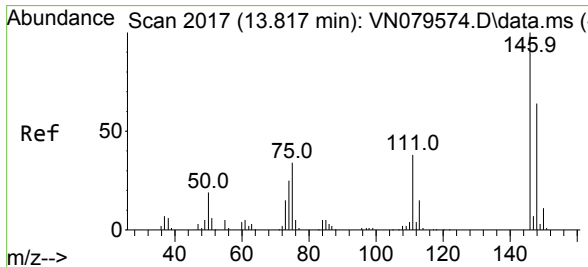
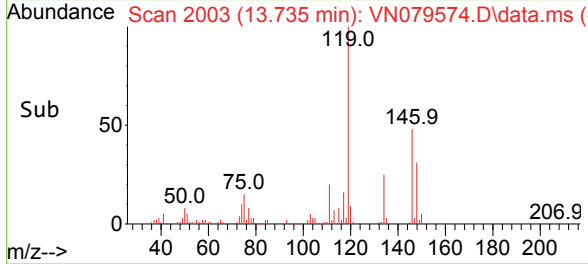
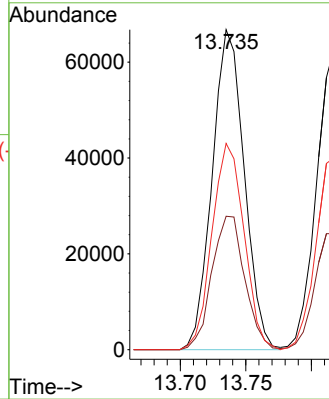
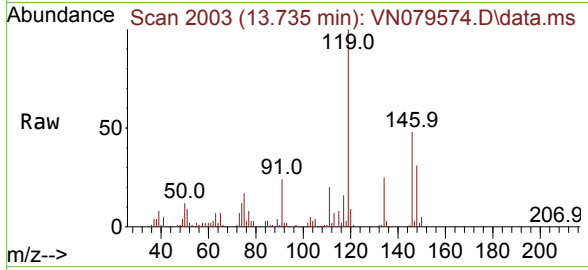




#83
1,3-Dichlorobenzene
Concen: 20.255 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

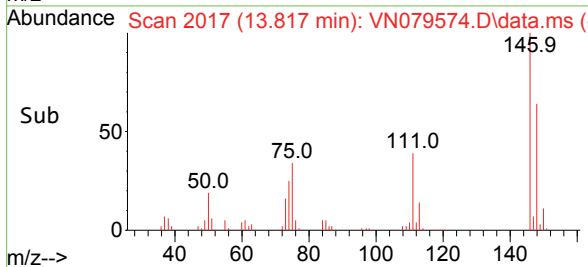
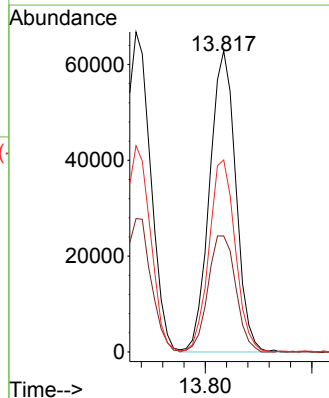
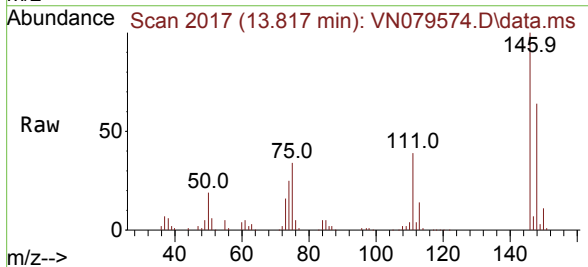
Instrument :
MSVOA_N
ClientSampleId :

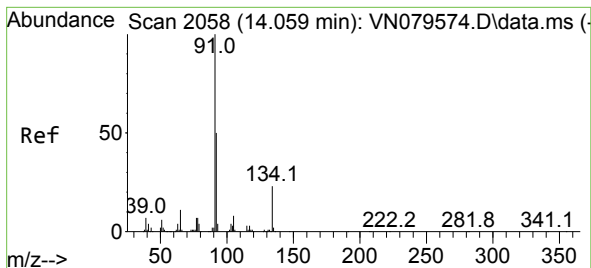
Tgt Ion:146 Resp: 113575
Ion Ratio Lower Upper
146 100
111 42.8 21.0 63.0
148 64.3 32.4 97.0



#84
1,4-Dichlorobenzene
Concen: 19.960 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion:146 Resp: 107296
Ion Ratio Lower Upper
146 100
111 40.8 19.9 59.7
148 64.0 32.6 97.7





#85

n-Butylbenzene

Concen: 20.106 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

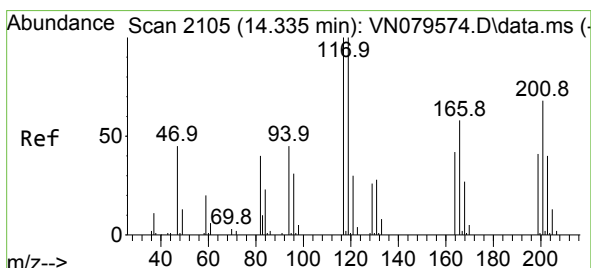
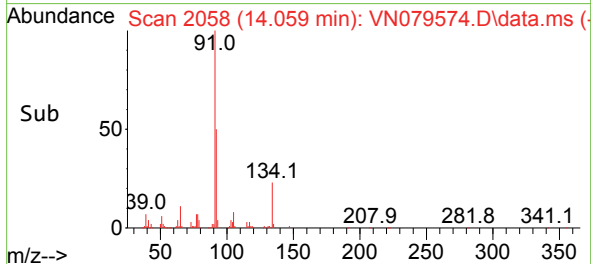
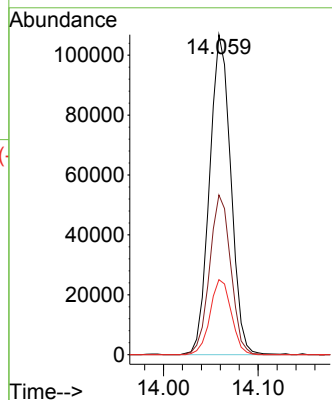
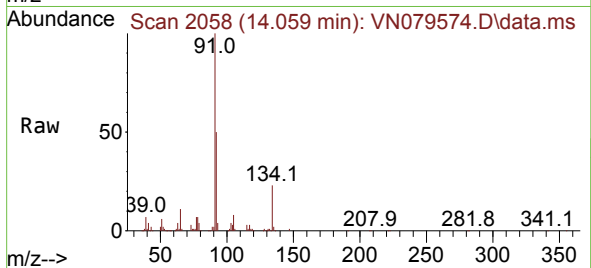
Tgt Ion: 91 Resp: 166906

Ion Ratio Lower Upper

91 100

92 49.7 0.0 99.6

134 23.4 0.0 46.2



#86

Hexachloroethane

Concen: 19.324 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079574.D

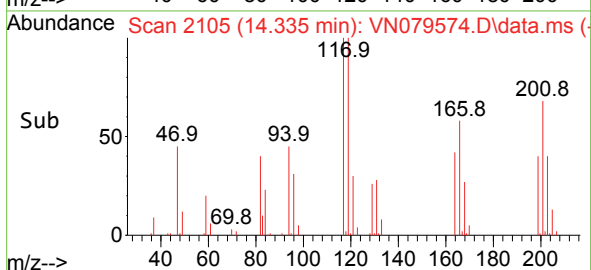
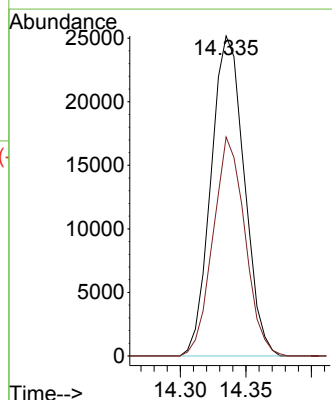
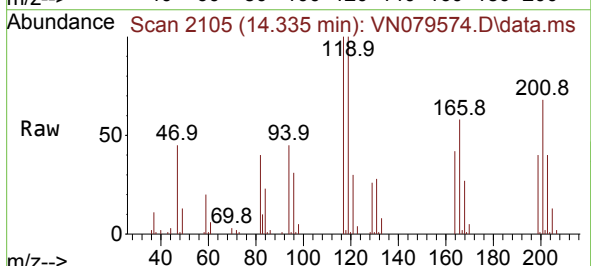
Acq: 17 Oct 2023 11:21

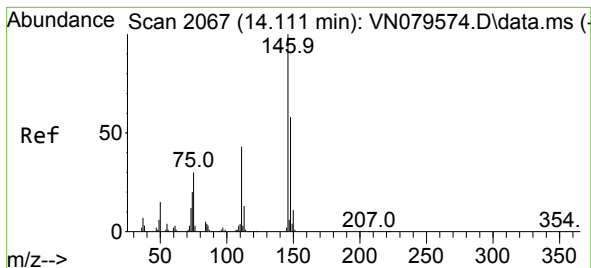
Tgt Ion: 117 Resp: 44387

Ion Ratio Lower Upper

117 100

201 65.6 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 20.850 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

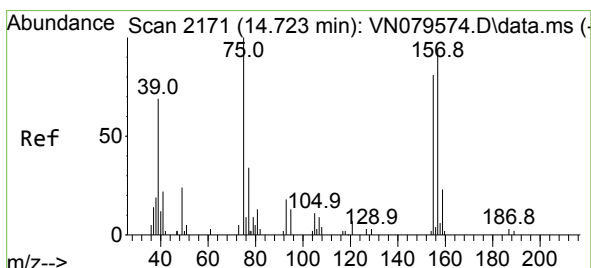
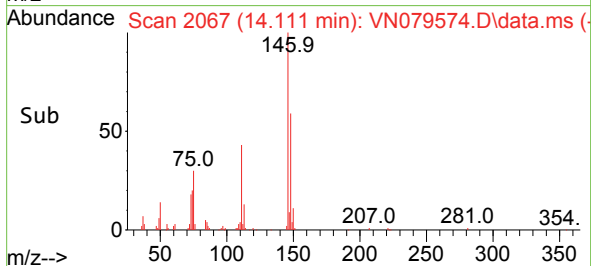
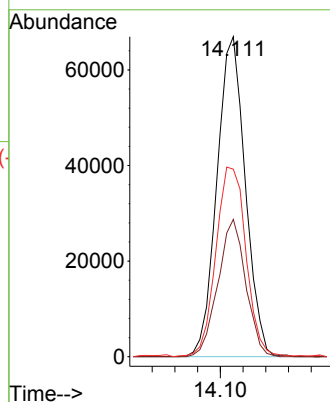
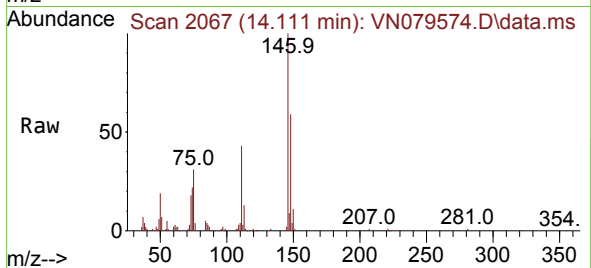
Tgt Ion:146 Resp: 116205

Ion Ratio Lower Upper

146 100

111 42.0 22.0 66.0

148 63.0 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.018 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

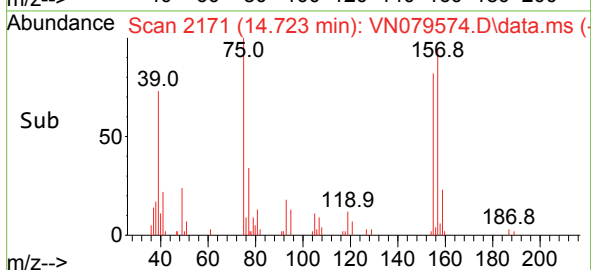
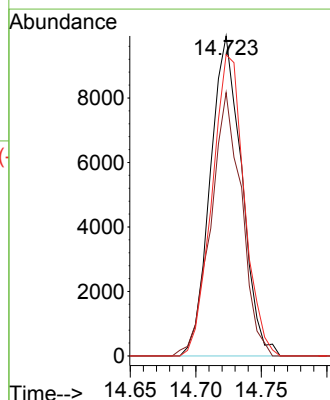
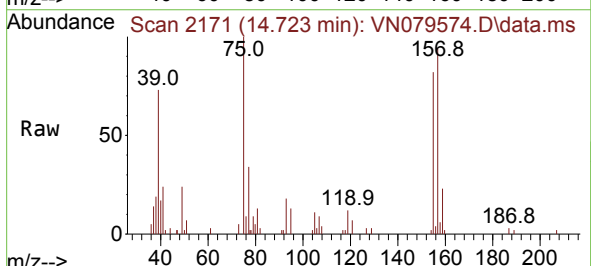
Tgt Ion: 75 Resp: 16530

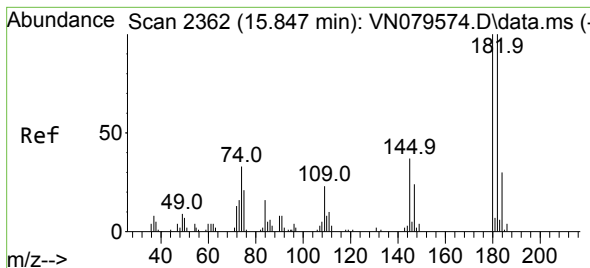
Ion Ratio Lower Upper

75 100

155 80.2 60.7 91.1

157 96.7 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 20.626 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

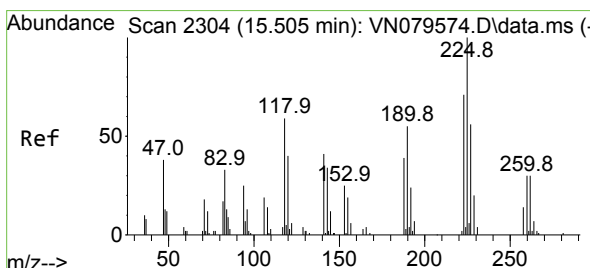
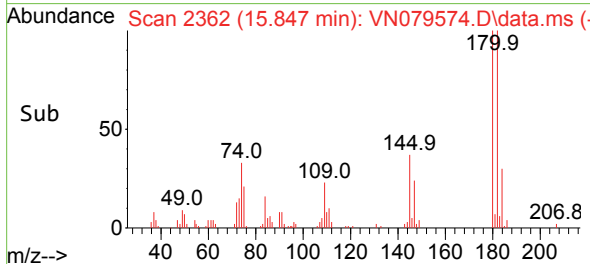
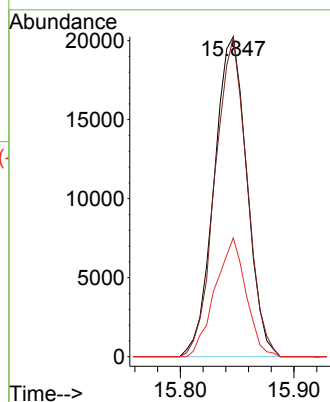
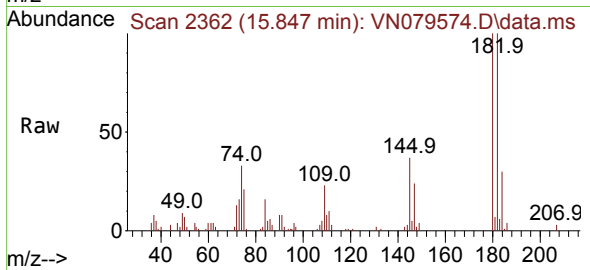
Tgt Ion:180 Resp: 40520

Ion Ratio Lower Upper

180 100

182 97.3 74.2 111.4

145 35.0 25.4 38.2



#90

Hexachlorobutadiene

Concen: 20.139 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079574.D

Acq: 17 Oct 2023 11:21

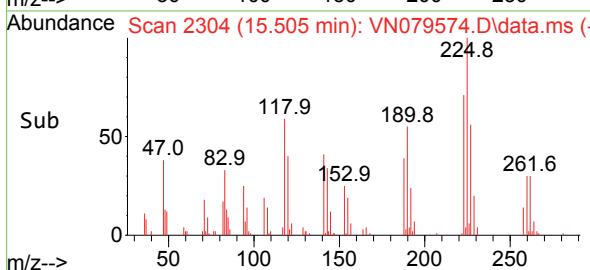
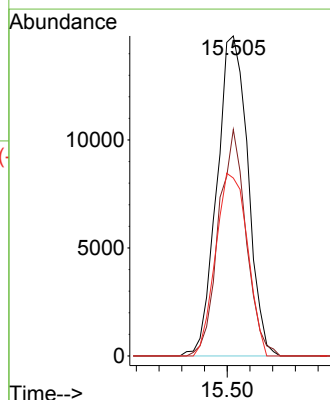
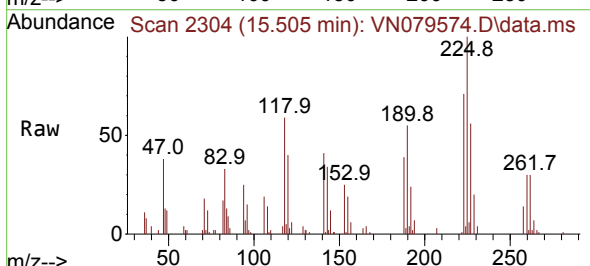
Tgt Ion:225 Resp: 28023

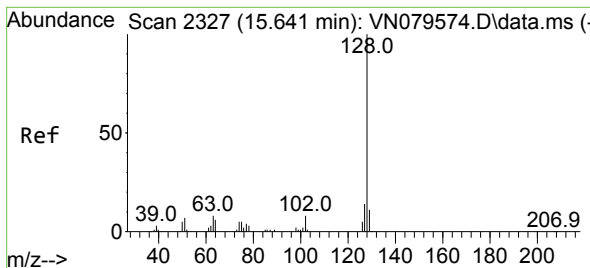
Ion Ratio Lower Upper

225 100

223 63.0 0.0 126.0

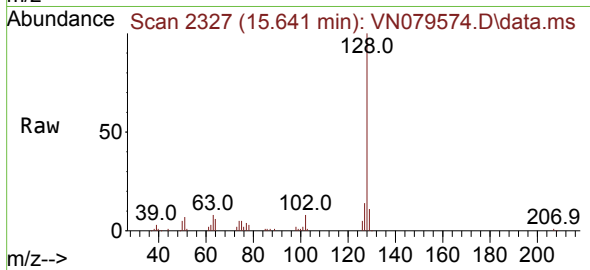
227 58.8 0.0 127.0



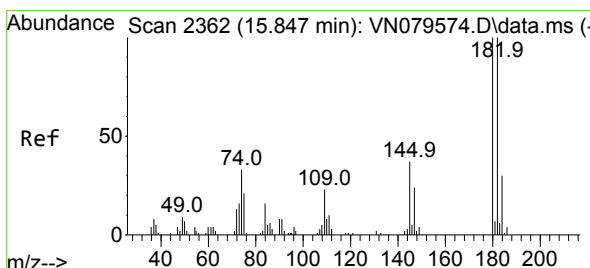
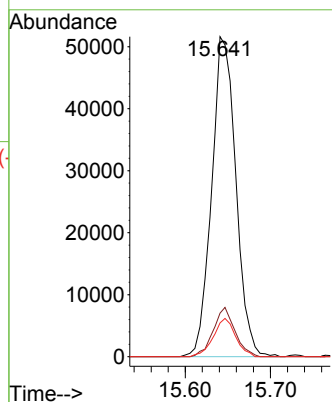
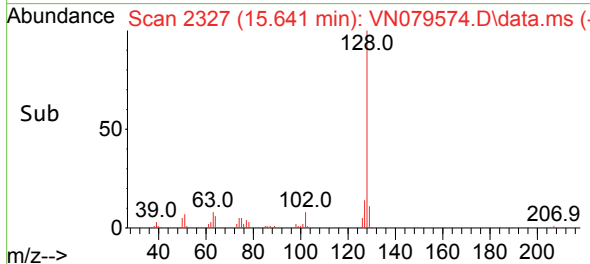


#91
Naphthalene
Concen: 20.122 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 101968
Ion Ratio Lower Upper
128 100
127 13.8 10.9 16.3
129 11.0 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 20.626 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079574.D
Acq: 17 Oct 2023 11:21

Tgt Ion:180 Resp: 40520
Ion Ratio Lower Upper
180 100
182 97.3 0.0 185.6
145 35.0 0.0 63.6

