

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079581.D
 Acq On : 17 Oct 2023 14:59
 Operator : JC\MD
 Sample : 04699-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:29:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	18360	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	130321	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	151803	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	76008	29.118	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.067%
60) 4-Bromofluorobenzene	12.853	95	68914	24.825	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.733%
63) Toluene-d8	10.571	98	190915	29.350	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.833%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	6234	2.341	ug/l	93
3) Chloromethane	2.365	50	10076	2.920	ug/l	99
4) Vinyl Chloride	2.518	62	8670	2.328	ug/l	95
5) Bromomethane	2.959	94	7014	3.037	ug/l	100
6) Chloroethane	3.124	64	9071	3.460	ug/l	93
7) Trichlorofluoromethane	3.506	101	11232	2.471	ug/l	96
8) Diethyl Ether	3.965	74	3637	2.208	ug/l	86
10) 1,1-Dichloroethene	4.342	96	3651	1.476	ug/l	97
11) Methyl Iodide	4.577	142	2163	0.790	ug/l #	76
12) Methyl Acetate	5.042	43	15688	2.631	ug/l	97
13) Acrolein	4.194	56	5356	10.864	ug/l #	73
14) Acrylonitrile	5.730	53	16299	11.412	ug/l	71
15) Acetone	4.442	58	4520	9.991	ug/l	83
16) Carbon Disulfide	4.712	76	18425	2.443	ug/l #	94
17) Allyl chloride	5.024	41	8229	2.158	ug/l	90
18) Methylene Chloride	5.283	84	8356	2.744	ug/l #	78
19) trans-1,2-Dichloroethene	5.789	96	6571	2.374	ug/l #	81
20) Diisopropyl ether	6.677	45	14411	1.593	ug/l #	61
21) 1,1-Dichloroethane	6.565	63	6484	1.180	ug/l #	86
22) cis-1,2-Dichloroethene	7.494	96	7196	2.257	ug/l #	83
23) tert-Butyl Alcohol	5.524	59	6926	14.503	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	7407	0.892	ug/l	96
25) Chloroform	7.977	83	13396	2.412	ug/l	97
26) Cyclohexane	8.265	56	7532	1.813	ug/l #	83
29) 1,1-Dichloropropene	8.377	75	8679	2.279	ug/l	74
30) 2-Butanone	7.500	43	22864	11.977	ug/l #	80
31) 2,2-Dichloropropane	7.494	77	11259	2.622	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	11088	2.450	ug/l	96
33) Carbon Tetrachloride	8.365	117	9722	2.525	ug/l	93
34) Benzene	8.618	78	29251	2.528	ug/l	97
35) Methacrylonitrile	7.777	41	2121	1.056	ug/l	90
36) 1,2-Dichloroethane	8.682	62	10611	2.568	ug/l #	83
37) Trichloroethene	9.353	130	6895	2.549	ug/l	90
38) Methylcyclohexane	9.606	83	7470	2.037	ug/l	89
39) 1,2-Dichloropropane	9.624	63	7969	2.610	ug/l	98
40) Dibromomethane	9.712	93	5312	2.651	ug/l	97
41) Bromodichloromethane	9.888	83	10536	2.537	ug/l	96
42) Vinyl Acetate	6.606	43	26641	5.501	ug/l #	73
43) Ethyl Acetate	7.577	43	10054	2.801	ug/l #	91

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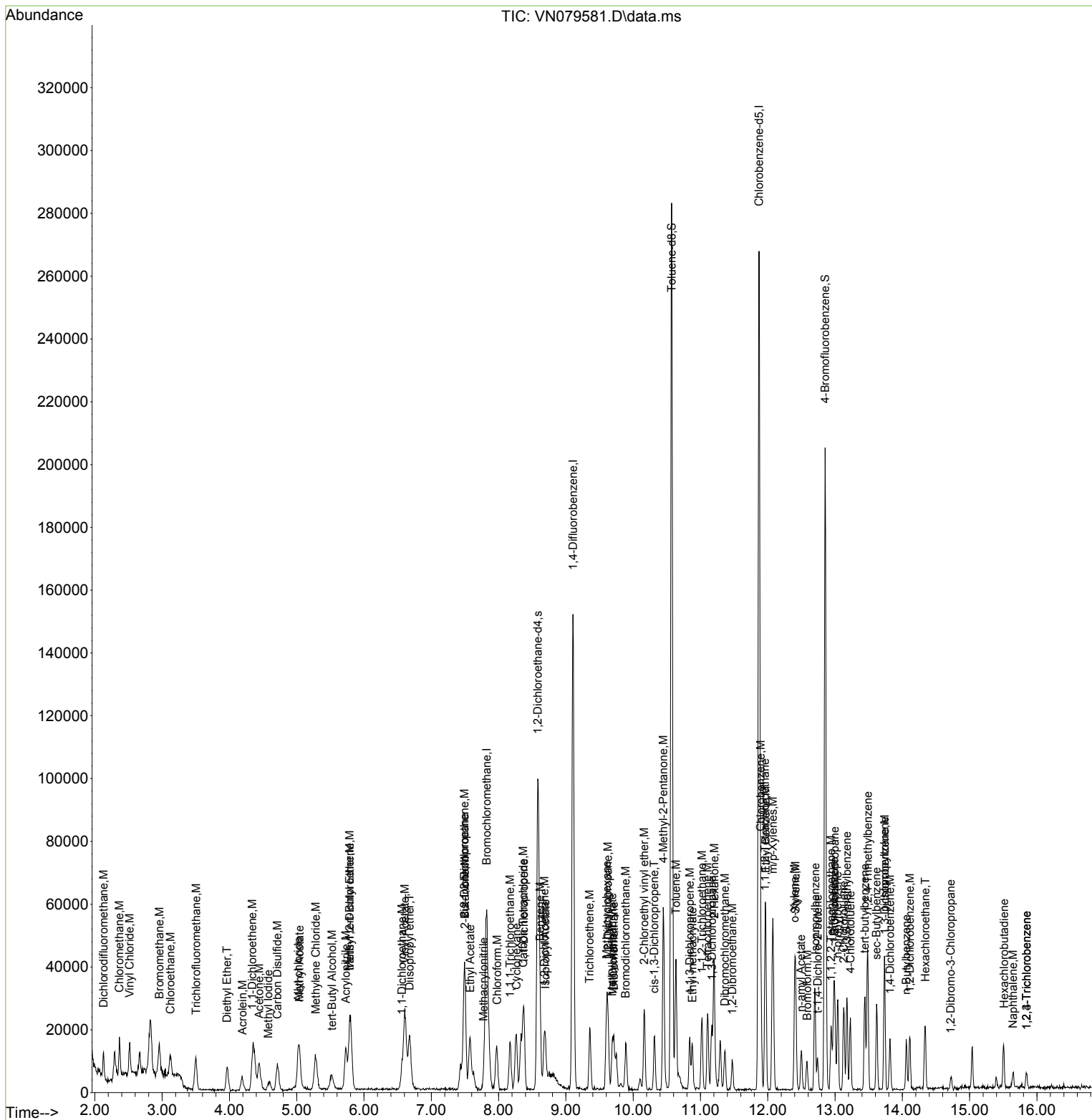
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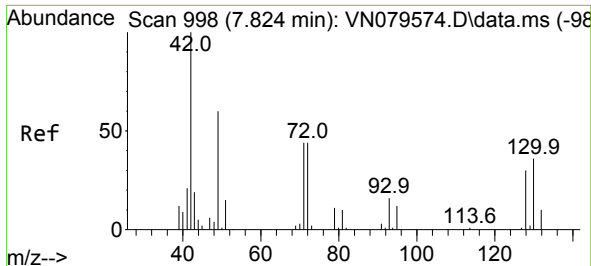
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.694	43	15485	2.427	ug/l	91
45) 1,4-Dioxane	9.700	88	1615	32.332	ug/l #	22
46) Methyl methacrylate	9.688	41	5926	2.093	ug/l	86
47) n-amyl Acetate	12.494	43	7288	1.582	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	9108	2.169	ug/l	94
49) cis-1,3-Dichloropropene	10.312	75	9787	2.132	ug/l	98
50) 1,1,2-Trichloroethane	11.023	97	7153	2.573	ug/l	97
51) Ethyl methacrylate	10.882	69	7760	2.023	ug/l	92
52) 1,3-Dichloropropane	11.171	76	11136	2.261	ug/l	93
53) Dibromochloromethane	11.365	129	7077	2.491	ug/l	100
54) 1,2-Dibromoethane	11.470	107	6245	2.277	ug/l	92
55) 2-Chloroethyl vinyl ether	10.165	63	10665	7.288	ug/l #	88
56) Bromoform	12.588	173	4278	2.276	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	40425	11.417	ug/l	98
59) 2-Hexanone	11.206	43	28363	10.919	ug/l	94
61) Tetrachloroethene	11.106	164	5679	2.725	ug/l	85
62) Toluene	10.635	91	28897	2.491	ug/l	99
64) Chlorobenzene	11.894	112	17619	2.618	ug/l #	87
65) 1,1,1,2-Tetrachloroethane	11.959	131	6521	2.544	ug/l	95
66) Ethyl Benzene	11.970	91	26473	2.215	ug/l	93
67) m/p-Xylenes	12.076	106	18250	4.128	ug/l	97
68) o-Xylene	12.400	106	7763	1.837	ug/l	91
69) Styrene	12.412	104	11142	1.661	ug/l #	87
70) Isopropylbenzene	12.706	105	21902	2.019	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.941	83	10087	2.615	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	9747	2.783	ug/l	77
73) Bromobenzene	12.988	156	5639	2.213	ug/l	92
74) n-propylbenzene	13.035	91	23206	1.838	ug/l	97
75) 2-Chlorotoluene	13.129	91	14796	1.885	ug/l	94
76) 1,3,5-Trimethylbenzene	13.176	105	15356	1.732	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	2148	2.009	ug/l	90
78) 4-Chlorotoluene	13.229	91	13168	1.775	ug/l	98
79) tert-butylbenzene	13.441	119	13607	1.909	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	13217	1.538	ug/l	97
81) sec-Butylbenzene	13.617	105	17942	1.793	ug/l	99
82) p-Isopropyltoluene	13.735	119	12436	1.566	ug/l	96
83) 1,3-Dichlorobenzene	13.741	146	7297	1.742	ug/l	95
84) 1,4-Dichlorobenzene	13.817	146	6575	1.637	ug/l	95
85) n-Butylbenzene	14.059	91	8681	1.399	ug/l	93
86) Hexachloroethane	14.341	117	4136	2.410	ug/l	100
87) 1,2-Dichlorobenzene	14.111	146	7551	1.813	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	14.717	75	1194	2.032	ug/l #	78
89) 1,2,4-Trichlorobenzene	15.847	180	1388	0.946	ug/l #	57
90) Hexachlorobutadiene	15.511	225	2190	2.106	ug/l	78
91) Naphthalene	15.647	128	5151	1.360	ug/l #	78
92) 1,2,3-Trichlorobenzene	15.847	180	1388	0.946	ug/l	57

(#) = qualifier out of range (m) = manual integration (+) = signals summed

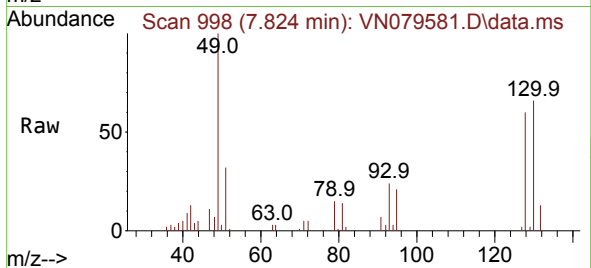
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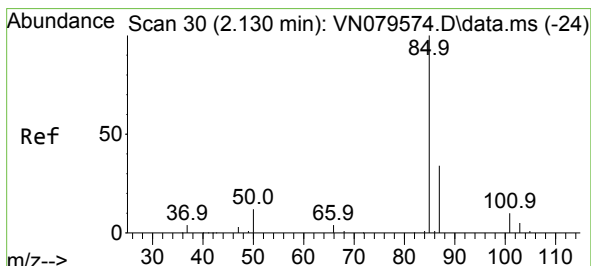
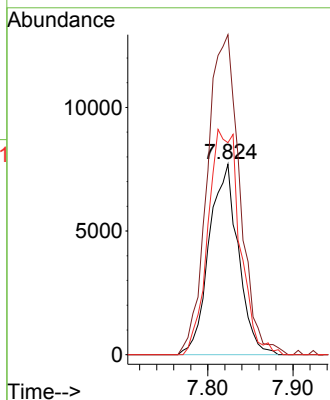
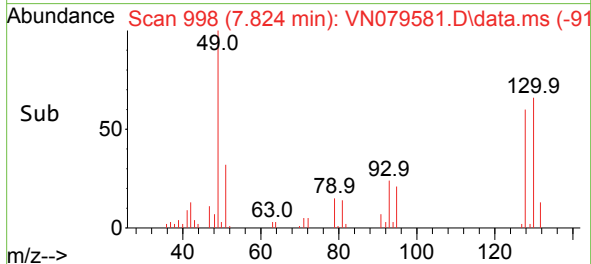


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

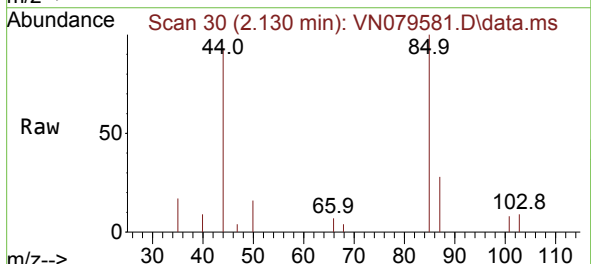
Instrument :
MSVOA_N
ClientSampleId :



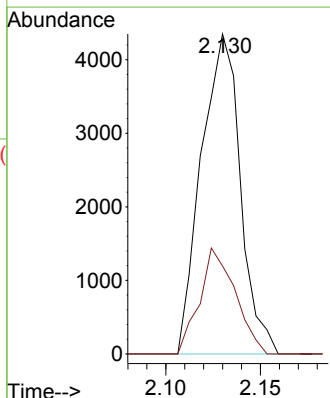
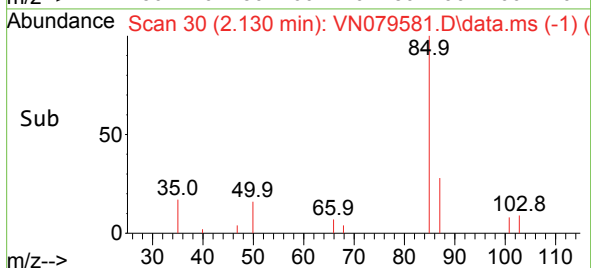
Tgt Ion:128 Resp: 18360
Ion Ratio Lower Upper
128 100
49 185.6 0.0 468.5
130 85.5 0.0 320.7

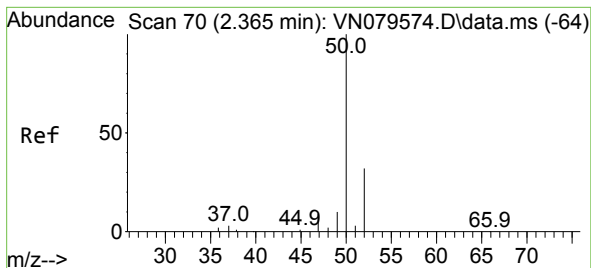


#2
Dichlorodifluoromethane
Concen: 2.341 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59



Tgt Ion: 85 Resp: 6234
Ion Ratio Lower Upper
85 100
87 27.5 15.6 46.7





#3

Chloromethane

Concen: 2.920 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

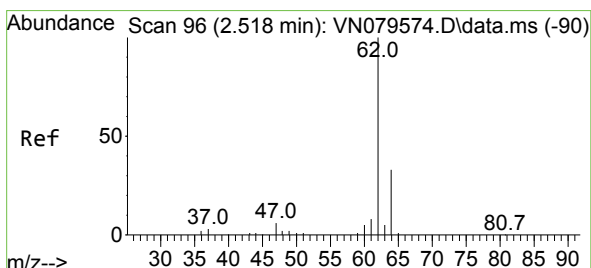
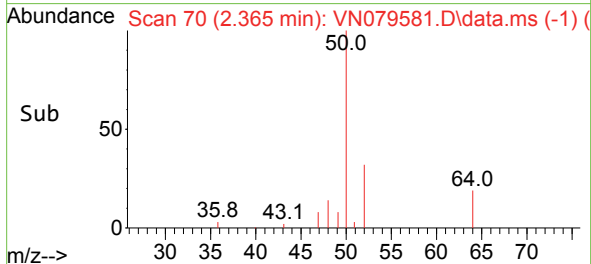
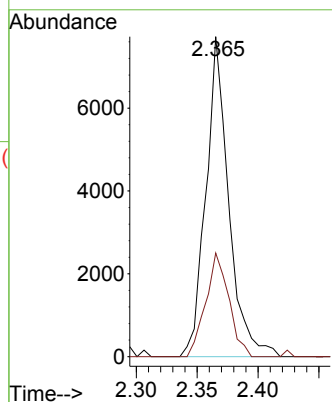
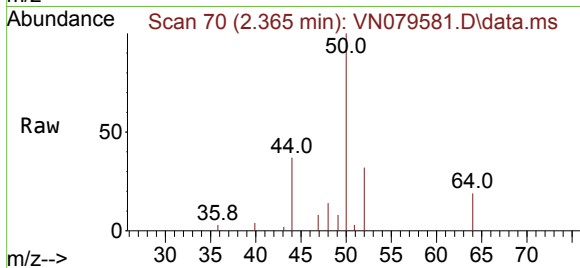
ClientSampleId :

Tgt Ion: 50 Resp: 10076

Ion Ratio Lower Upper

50 100

52 32.4 25.6 38.4



#4

Vinyl Chloride

Concen: 2.328 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079581.D

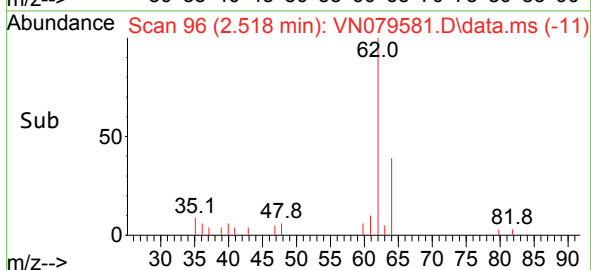
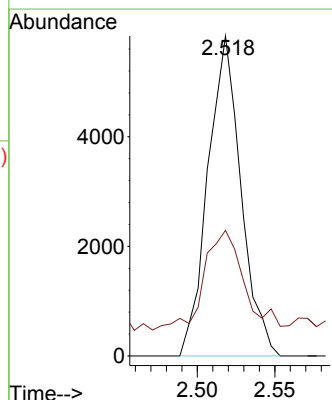
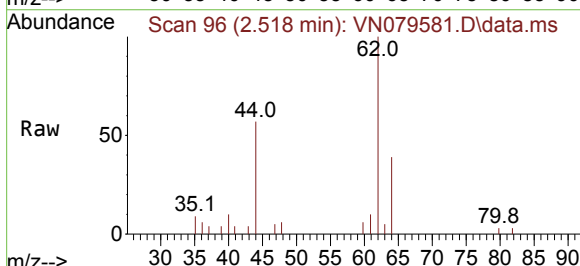
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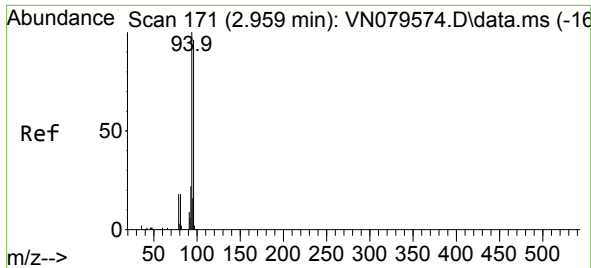
Tgt Ion: 62 Resp: 8670

Ion Ratio Lower Upper

62 100

64 30.0 26.4 39.6

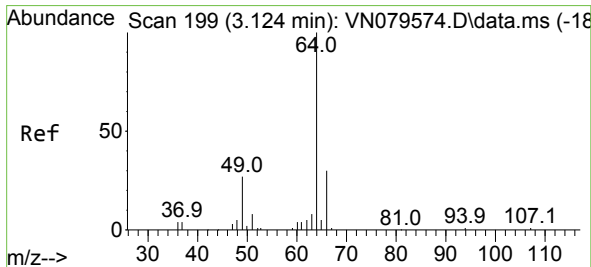
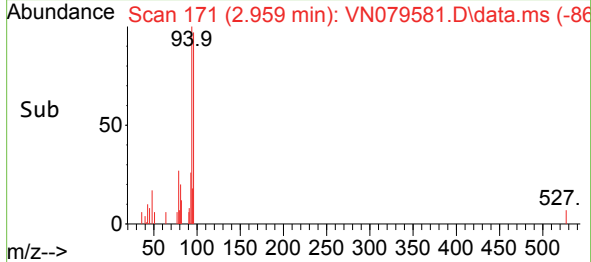
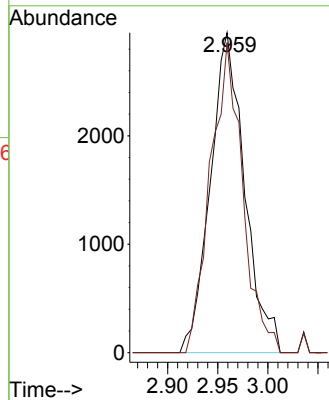
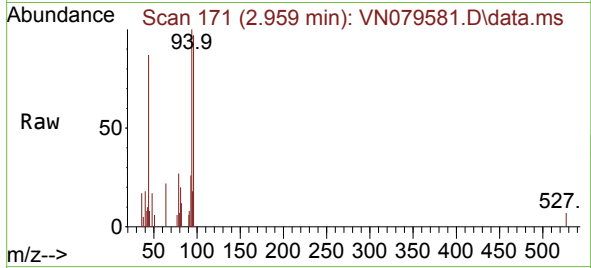




#5
Bromomethane
Concen: 3.037 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

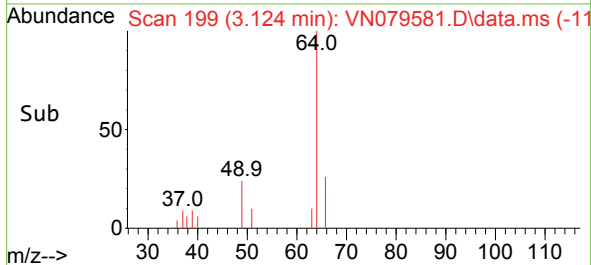
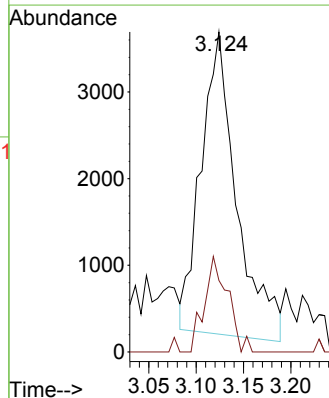
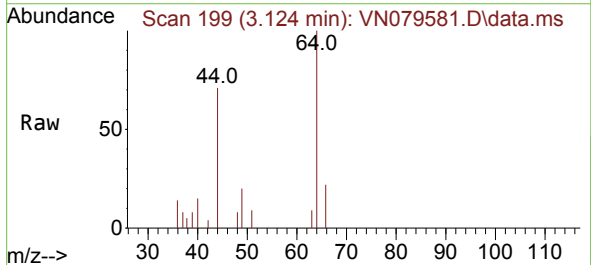
Instrument :
MSVOA_N
ClientSampleId :

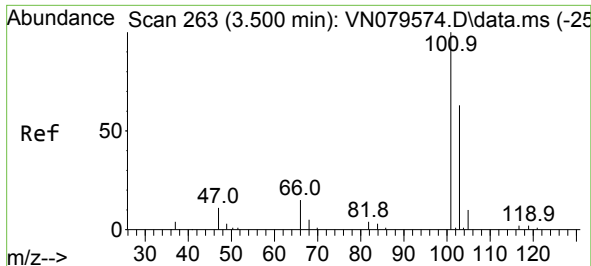
Tgt Ion: 94 Resp: 7014
Ion Ratio Lower Upper
94 100
96 96.9 77.8 116.6



#6
Chloroethane
Concen: 3.460 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 64 Resp: 9071
Ion Ratio Lower Upper
64 100
66 25.4 23.3 34.9

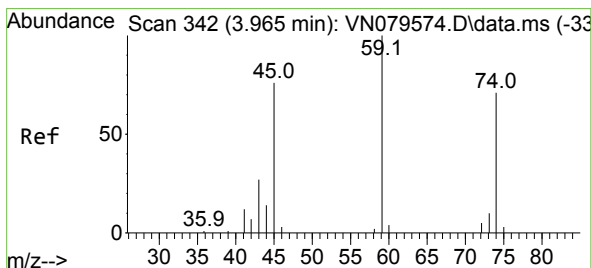
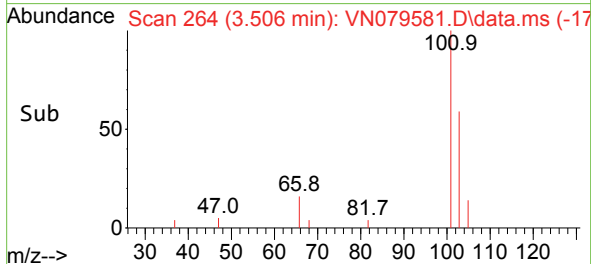
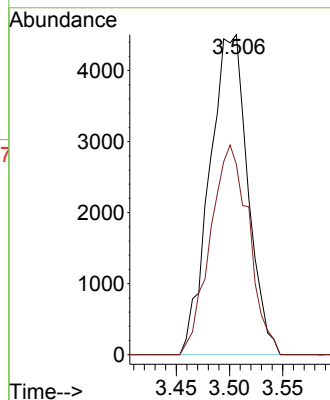
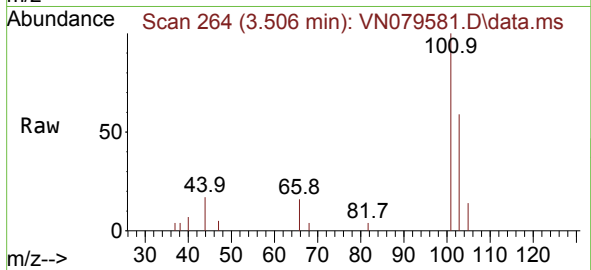




#7
 Trichlorofluoromethane
 Concen: 2.471 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079581.D
 Acq: 17 Oct 2023 14:59

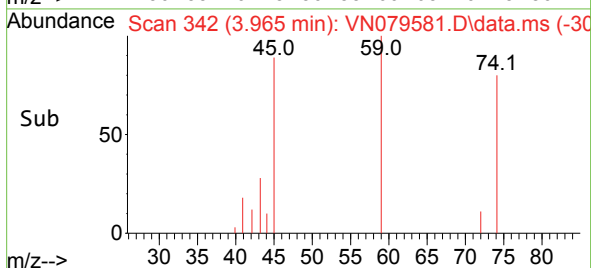
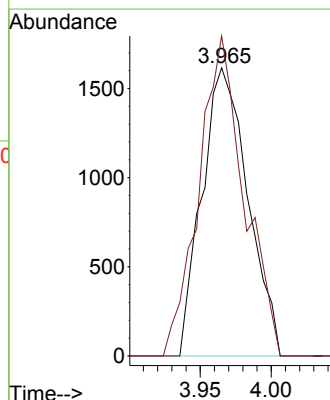
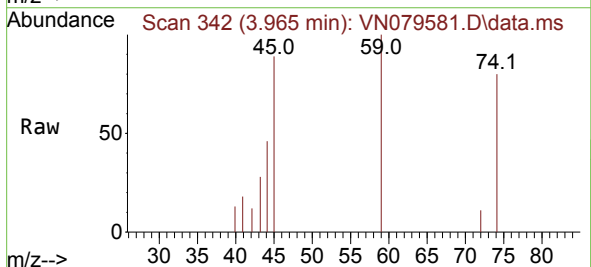
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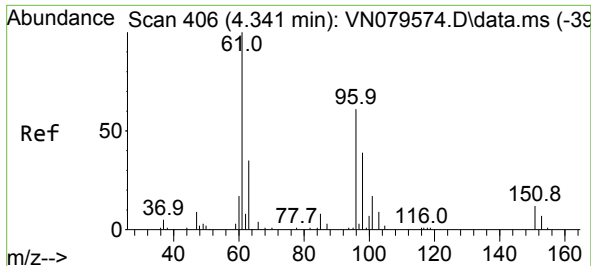
Tgt Ion:101 Resp: 11232
 Ion Ratio Lower Upper
 101 100
 103 59.4 49.9 74.9



#8
 Diethyl Ether
 Concen: 2.208 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079581.D
 Acq: 17 Oct 2023 14:59

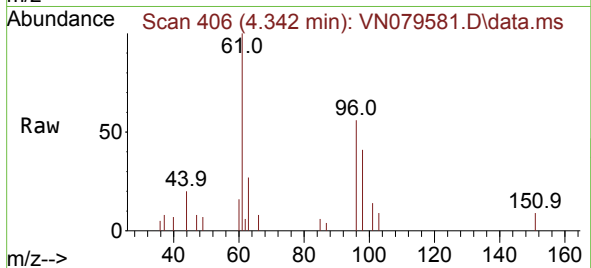
Tgt Ion: 74 Resp: 3637
 Ion Ratio Lower Upper
 74 100
 45 109.0 19.0 171.0



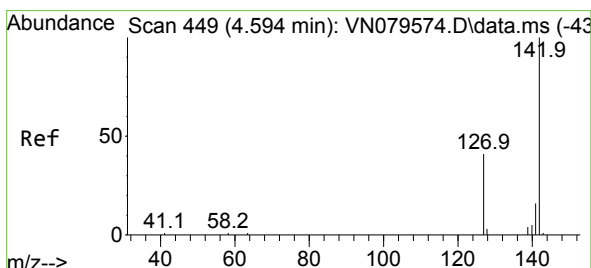
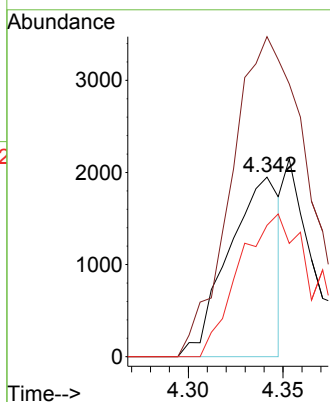
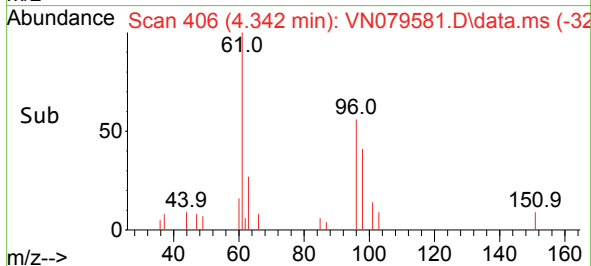


#10
1,1-Dichloroethene
Concen: 1.476 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :

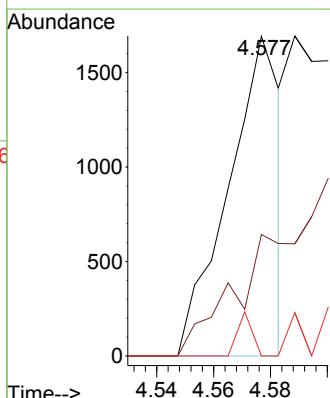
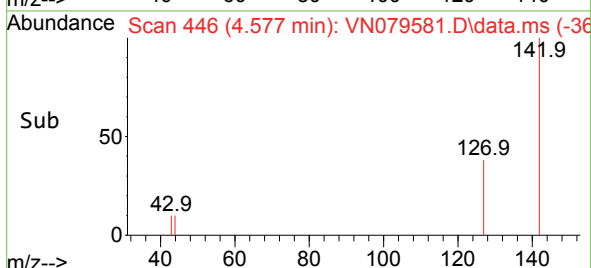
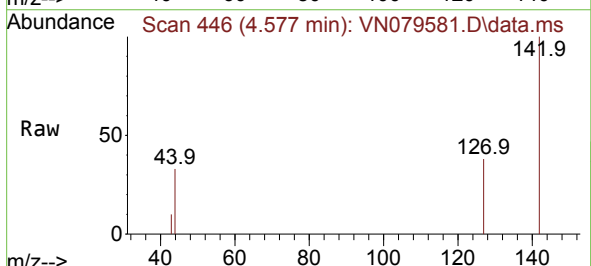


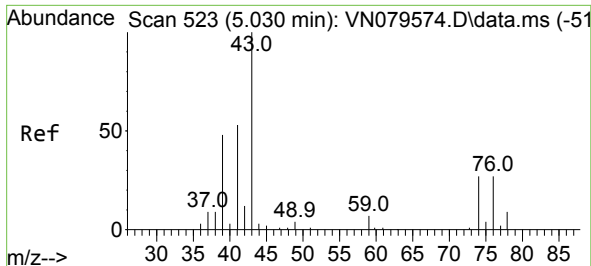
Tgt Ion: 96 Resp: 3651
Ion Ratio Lower Upper
96 100
61 178.2 141.3 211.9
98 73.2 53.2 79.8



#11
Methyl Iodide
Concen: 0.790 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 142 Resp: 2163
Ion Ratio Lower Upper
142 100
127 35.1 24.6 73.8
141 0.0 7.7 23.1#

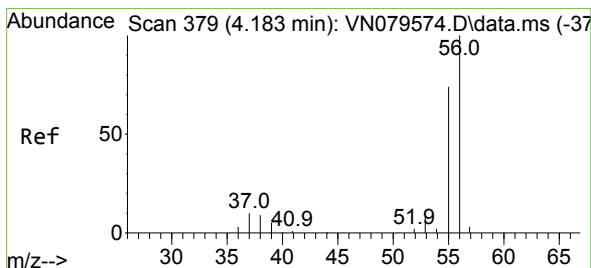
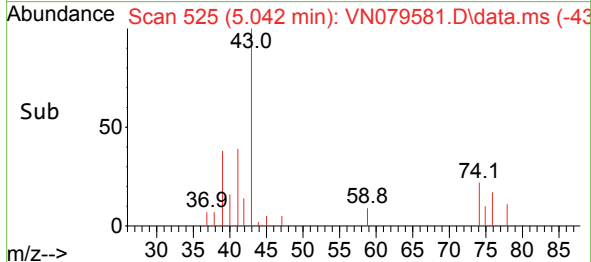
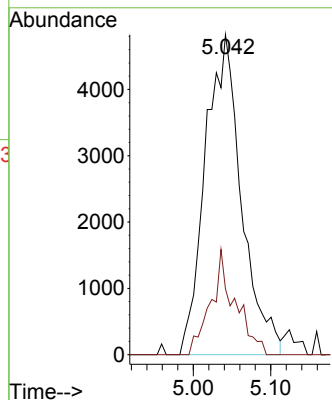
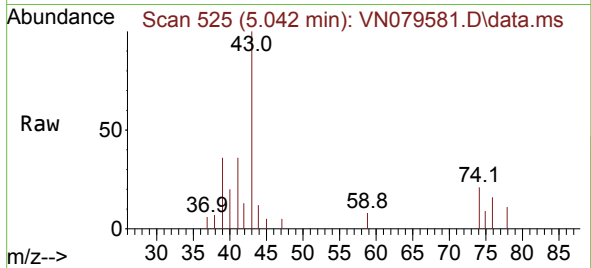




#12
Methyl Acetate
Concen: 2.631 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

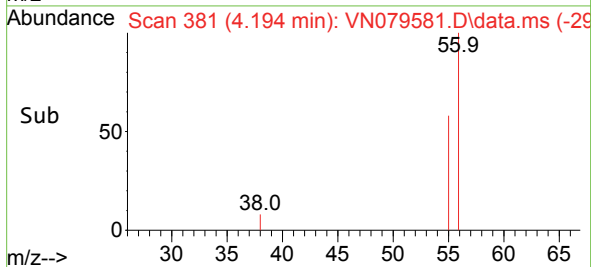
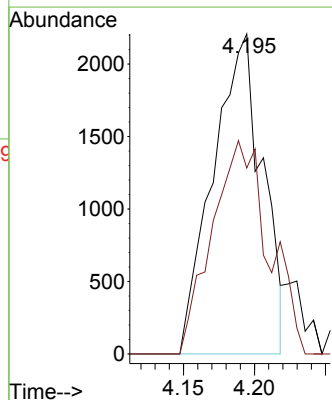
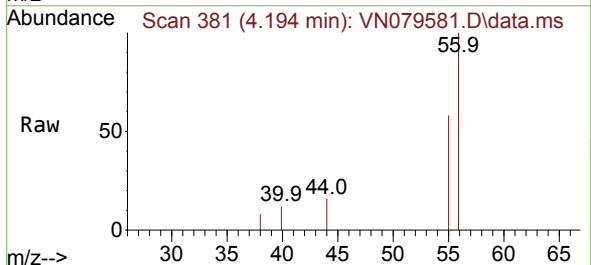
Instrument :
MSVOA_N
ClientSampleId :

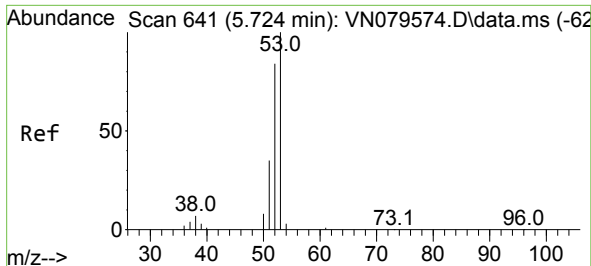
Tgt Ion: 43 Resp: 15688
Ion Ratio Lower Upper
43 100
74 21.0 18.1 27.1



#13
Acrolein
Concen: 10.864 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

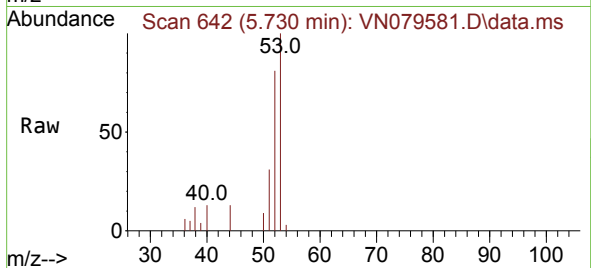
Tgt Ion: 56 Resp: 5356
Ion Ratio Lower Upper
56 100
55 48.8 57.1 85.7#



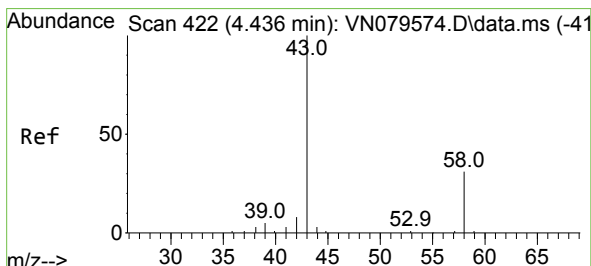
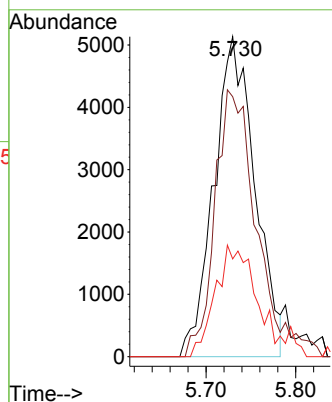
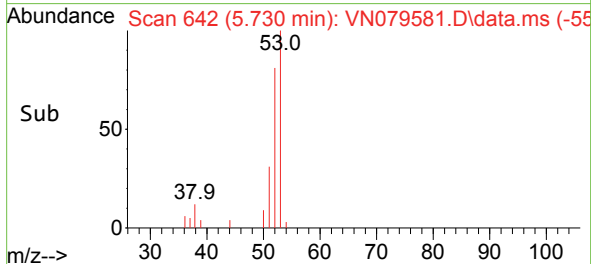


#14
Acrylonitrile
Concen: 11.412 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :

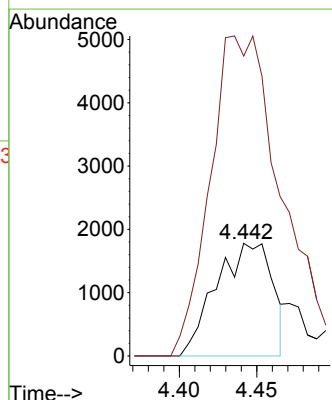
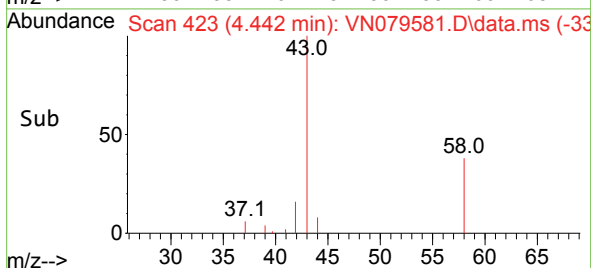
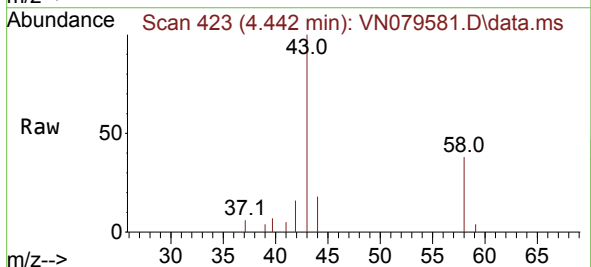


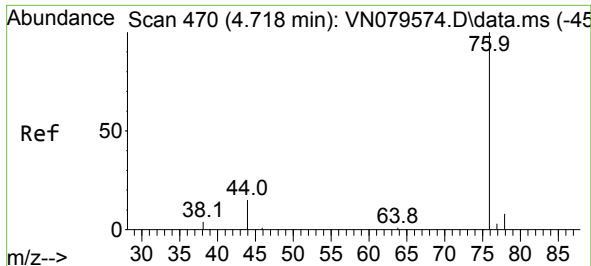
Tgt Ion: 53 Resp: 16299
Ion Ratio Lower Upper
53 100
52 48.5 41.6 124.9
51 31.7 17.8 53.3



#15
Acetone
Concen: 9.991 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

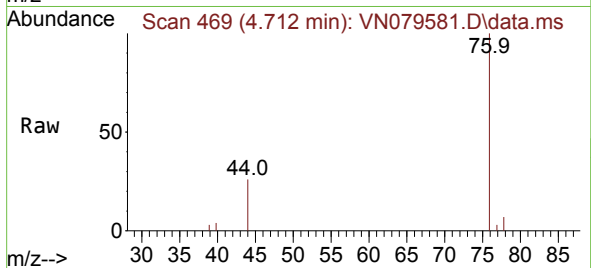
Tgt Ion: 58 Resp: 4520
Ion Ratio Lower Upper
58 100
43 248.8 225.2 337.8



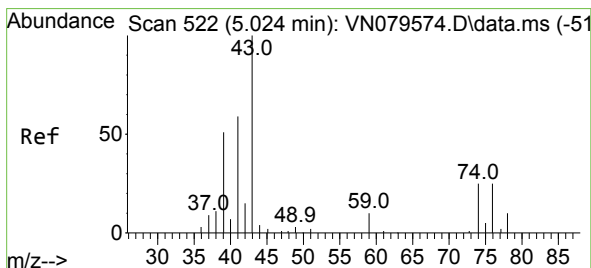
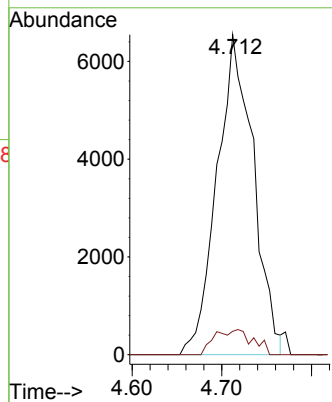
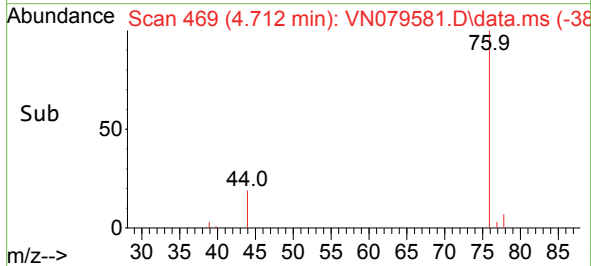


#16
Carbon Disulfide
Concen: 2.443 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :

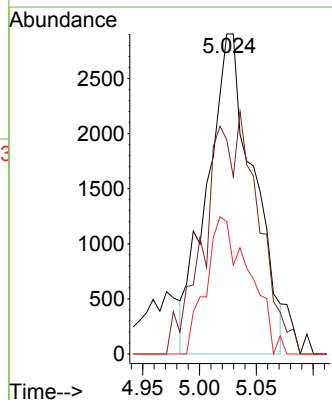
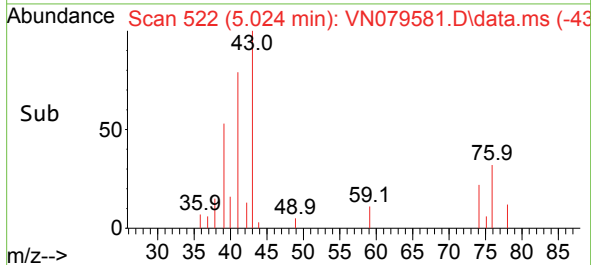
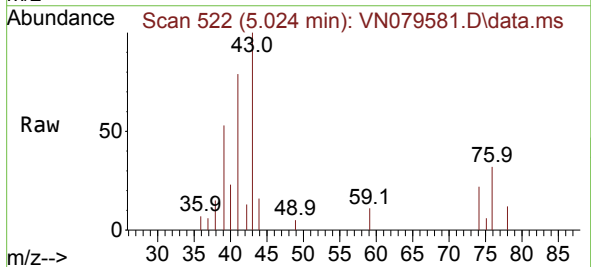


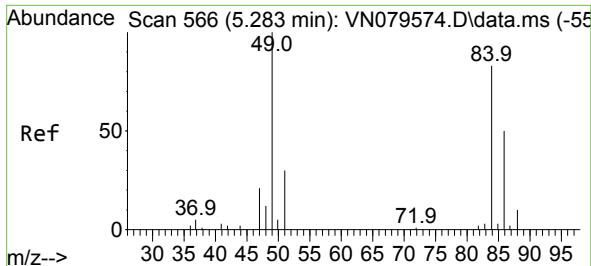
Tgt Ion: 76 Resp: 18425
Ion Ratio Lower Upper
76 100
78 7.3 7.5 11.3#



#17
Allyl chloride
Concen: 2.158 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

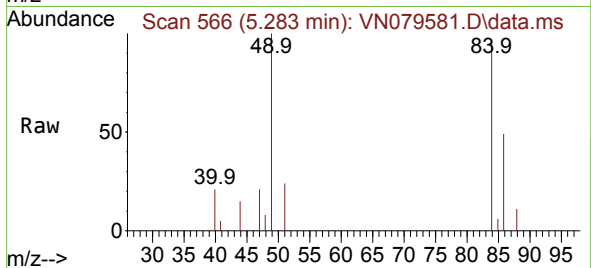
Tgt Ion: 41 Resp: 8229
Ion Ratio Lower Upper
41 100
39 71.3 38.4 115.2
76 49.0 19.5 58.5



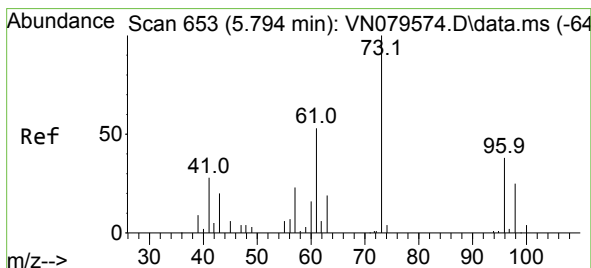
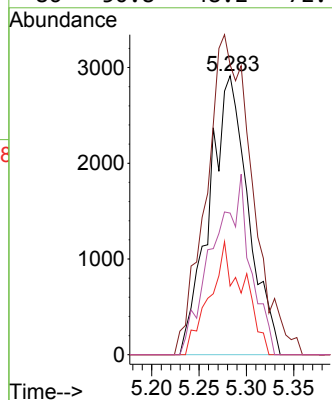


#18
Methylene Chloride
Concen: 2.744 ug/l
RT: 5.283 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :

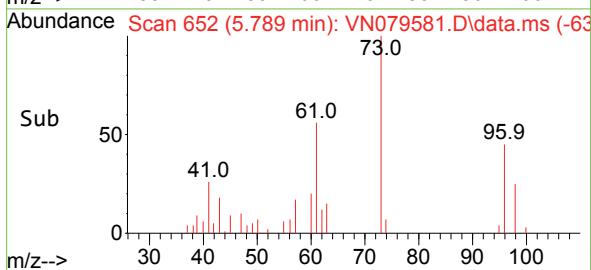
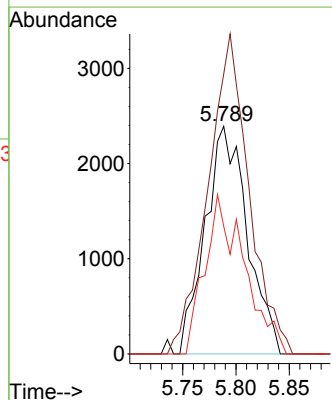
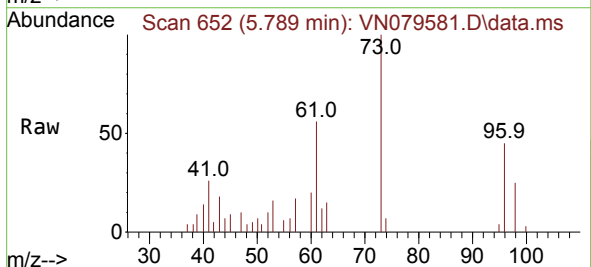


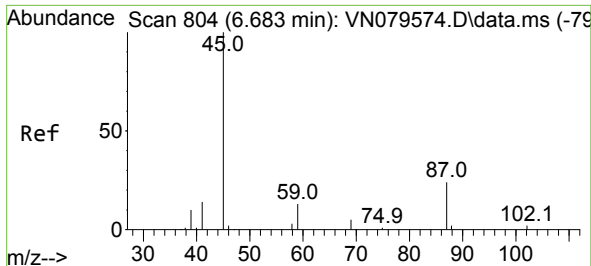
Tgt Ion:	84	Resp:	8356
Ion	Ratio	Lower	Upper
84	100		
49	95.5	100.9	151.3#
51	24.6	29.4	44.2#
86	50.8	48.2	72.4



#19
trans-1,2-Dichloroethene
Concen: 2.374 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

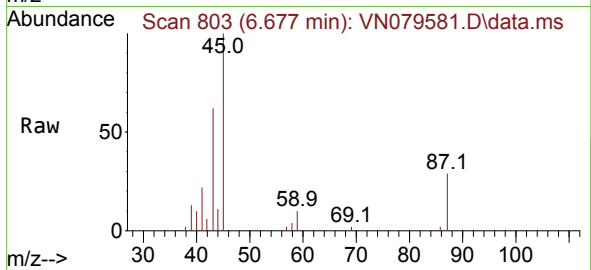
Tgt Ion:	96	Resp:	6571
Ion	Ratio	Lower	Upper
96	100		
61	113.2	113.4	170.0#
98	56.1	50.4	75.6



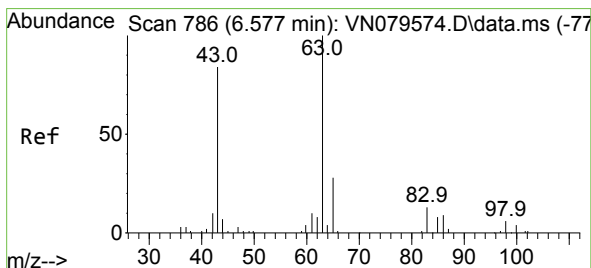
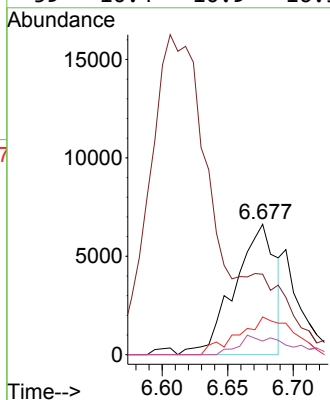
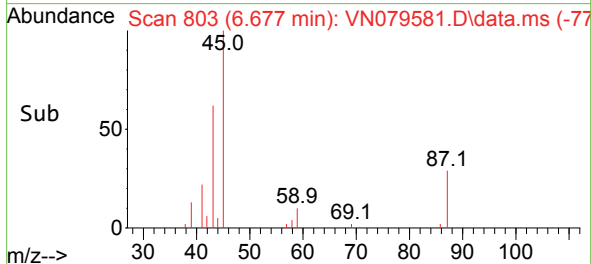


#20
Diisopropyl ether
Concen: 1.593 ug/l
RT: 6.677 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :

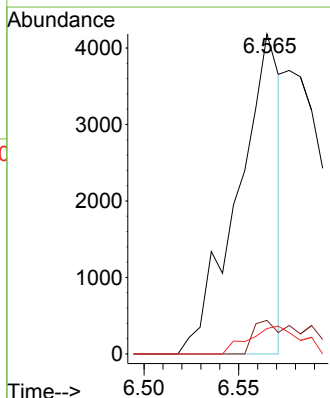
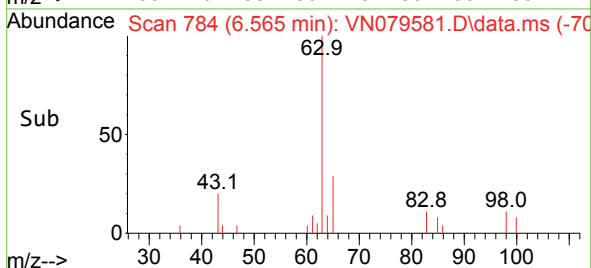
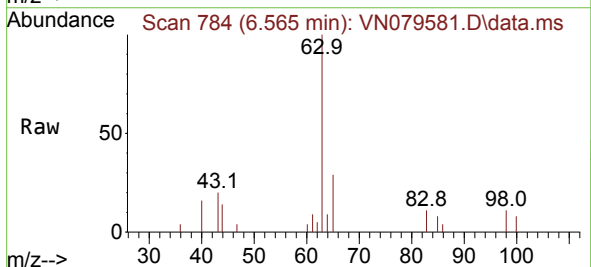


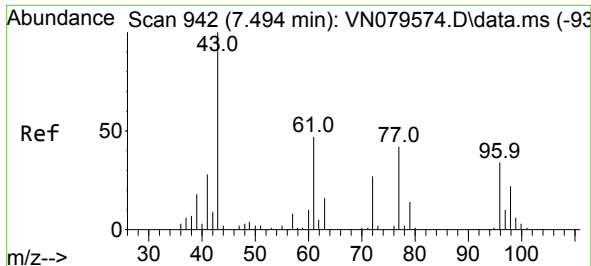
Tgt Ion:	45	Resp:	14411
Ion Ratio	Lower	Upper	
45	100		
43	8.3	42.1	63.1#
87	28.9	20.5	30.7
59	10.4	10.9	16.3#



#21
1,1-Dichloroethane
Concen: 1.180 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.012 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion:	63	Resp:	6484
Ion Ratio	Lower	Upper	
63	100		
98	10.5	2.8	8.4#
100	7.9	1.9	5.7#

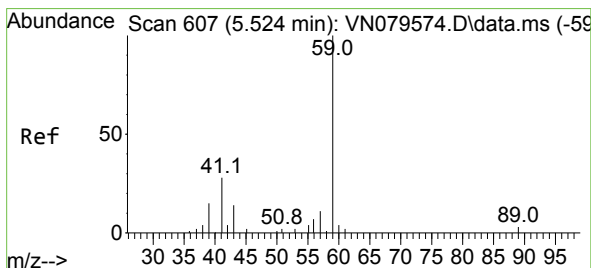
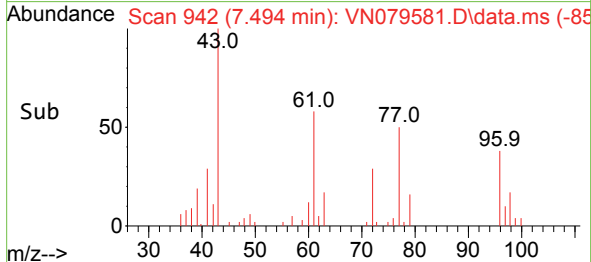
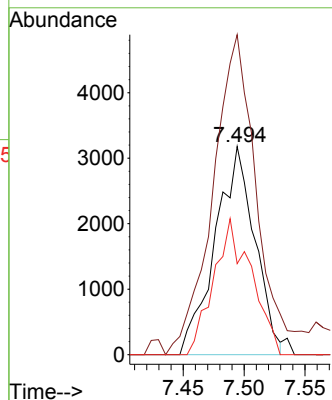
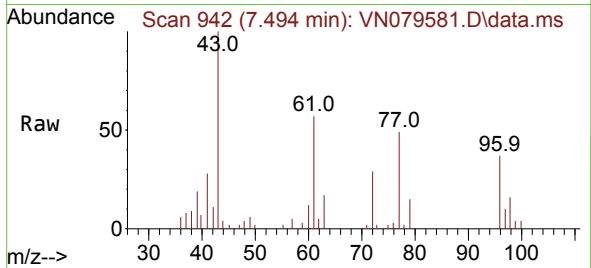




#22
 cis-1,2-Dichloroethene
 Concen: 2.257 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079581.D
 Acq: 17 Oct 2023 14:59

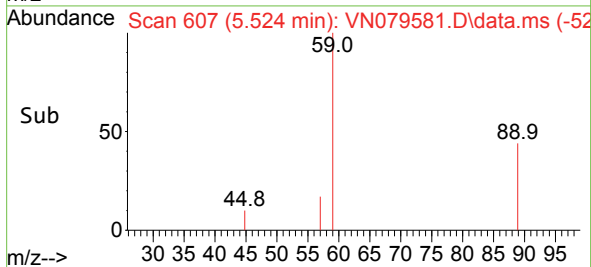
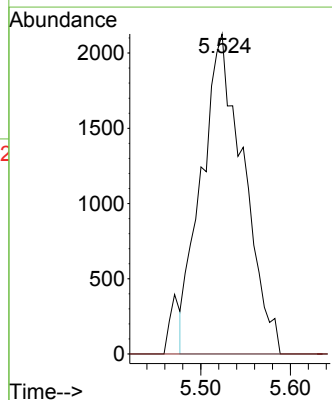
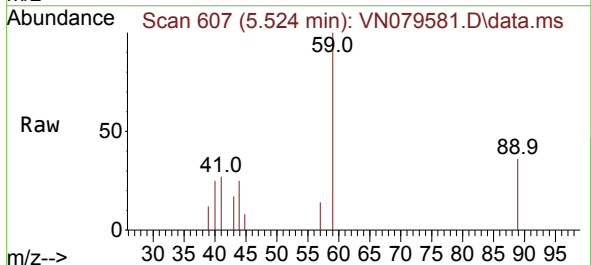
Instrument :
 MSVOA_N
 ClientSampleId :

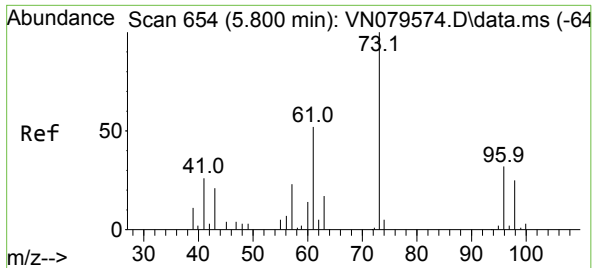
Tgt Ion: 96 Resp: 7196
 Ion Ratio Lower Upper
 96 100
 61 167.4 124.6 186.8
 98 39.0 54.2 81.4#



#23
 tert-Butyl Alcohol
 Concen: 14.503 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: VN079581.D
 Acq: 17 Oct 2023 14:59

Tgt Ion: 59 Resp: 6926
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

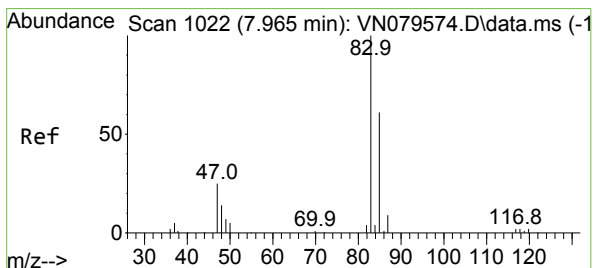
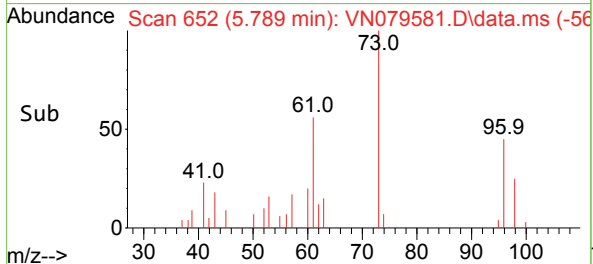
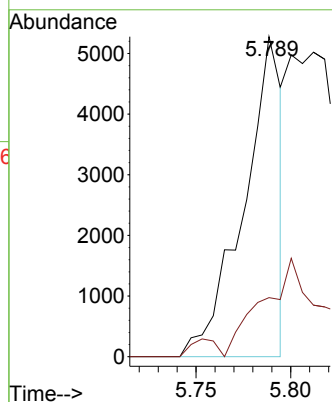
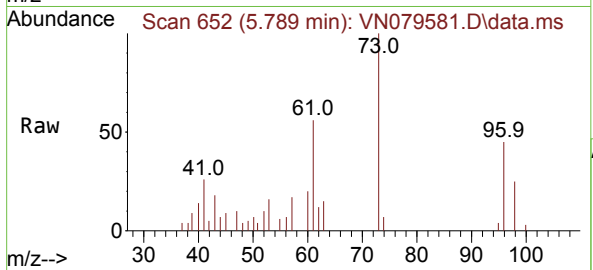




#24
Methyl tert-Butyl Ether
Concen: 0.892 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

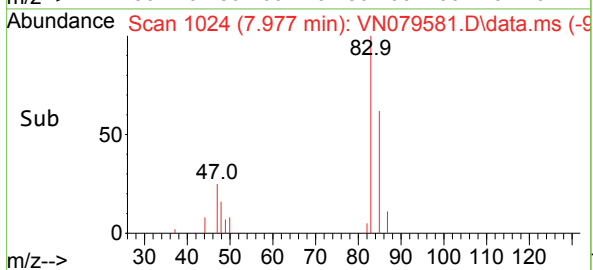
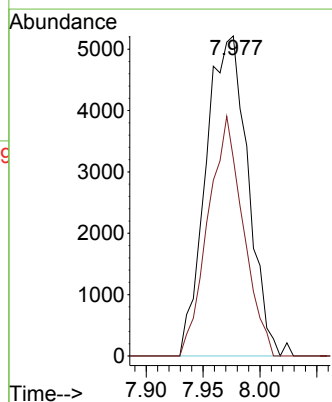
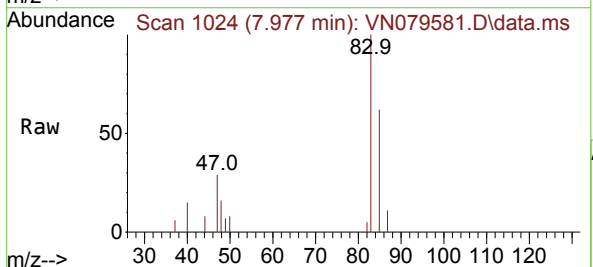
Instrument :
MSVOA_N
ClientSampleId :

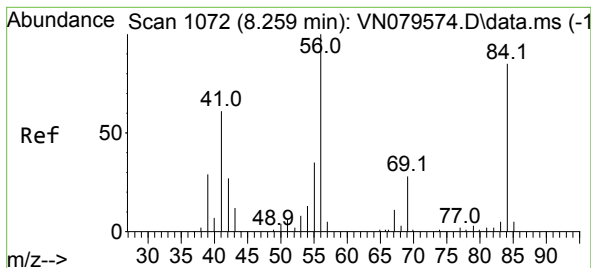
Tgt Ion: 73 Resp: 7407
Ion Ratio Lower Upper
73 100
43 18.6 16.6 24.8



#25
Chloroform
Concen: 2.412 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.012 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 83 Resp: 13396
Ion Ratio Lower Upper
83 100
85 61.7 47.4 71.2





#26

Cyclohexane

Concen: 1.813 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

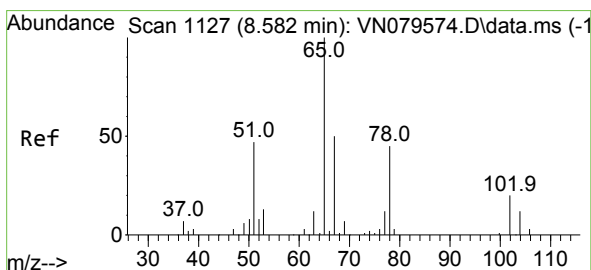
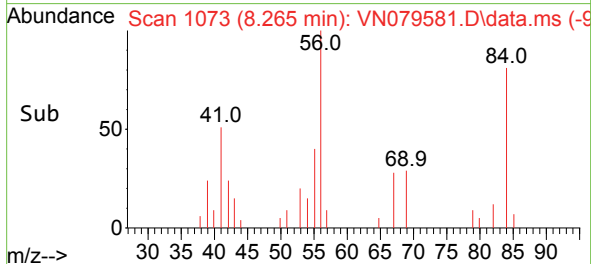
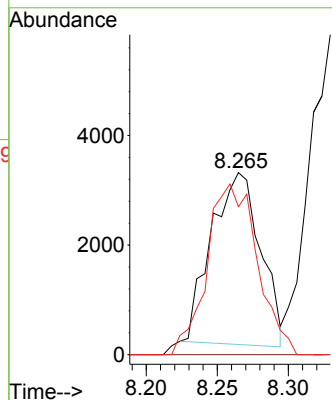
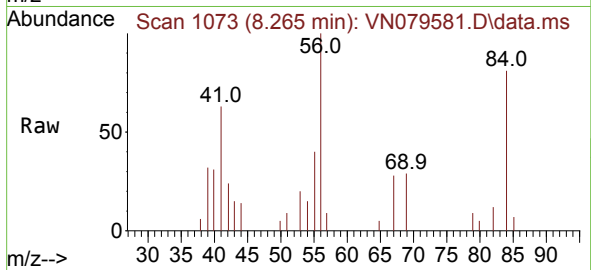
Tgt Ion: 56 Resp: 7532

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 101.9 69.0 103.4



#27

1,2-Dichloroethane-d4

Concen: 29.118 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079581.D

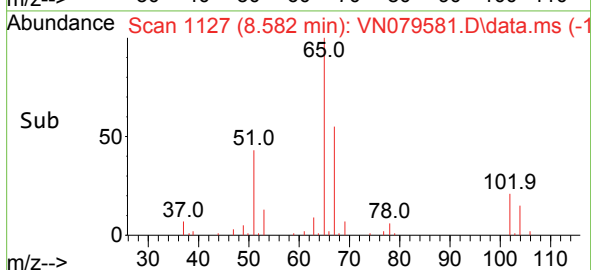
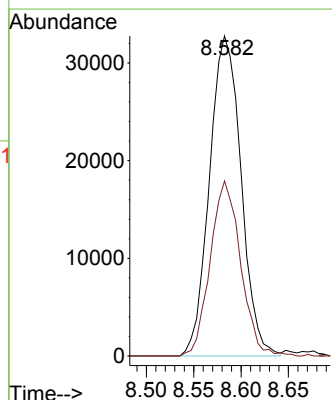
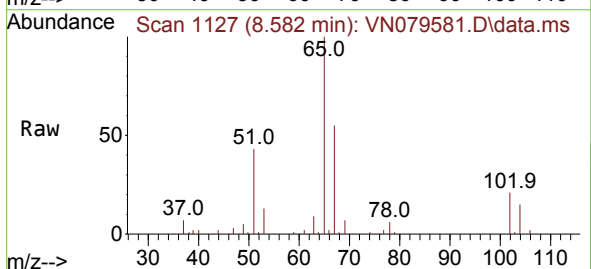
Acq: 17 Oct 2023 14:59

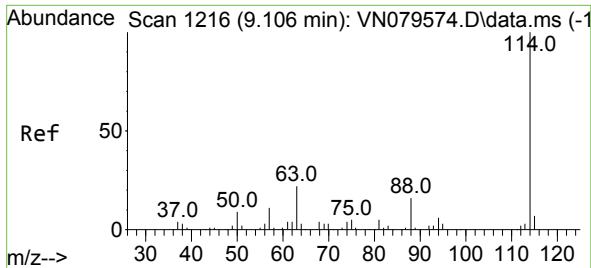
Tgt Ion: 65 Resp: 76008

Ion Ratio Lower Upper

65 100

67 52.2 42.1 63.1

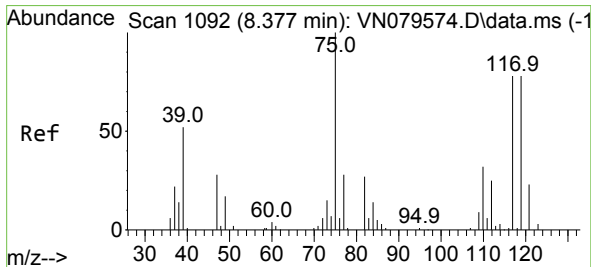
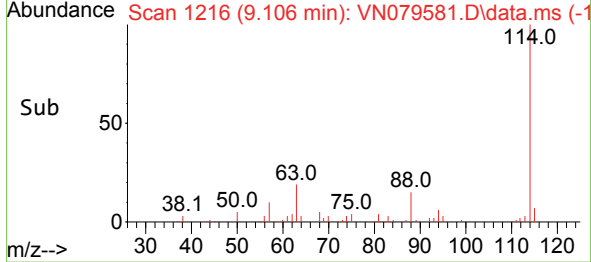
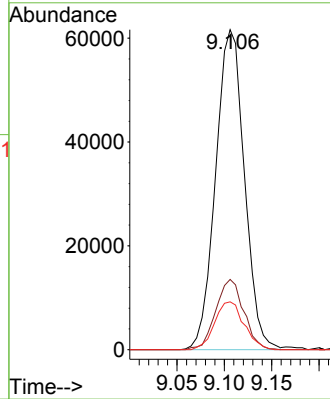
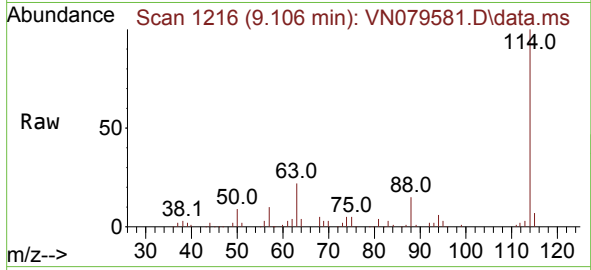




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

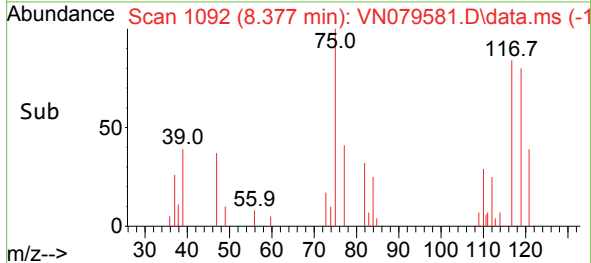
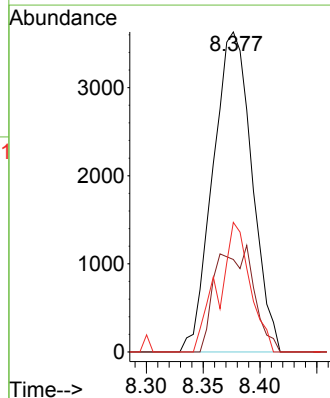
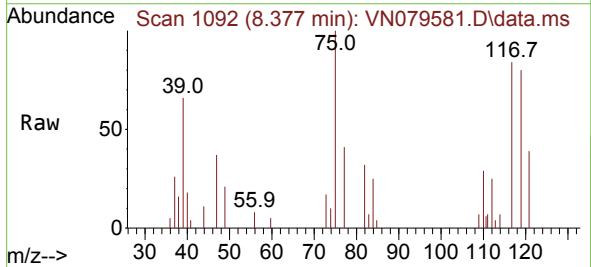
Instrument :
MSVOA_N
ClientSampleId :

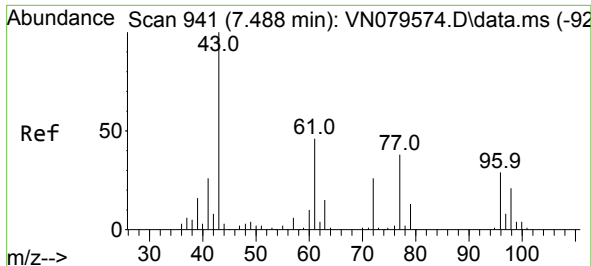
Tgt Ion:114 Resp: 130321
Ion Ratio Lower Upper
114 100
63 21.3 18.1 27.1
88 15.3 12.2 18.2



#29
1,1-Dichloropropene
Concen: 2.279 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 75 Resp: 8679
Ion Ratio Lower Upper
75 100
110 10.8 0.0 66.8
77 24.3 0.0 61.2

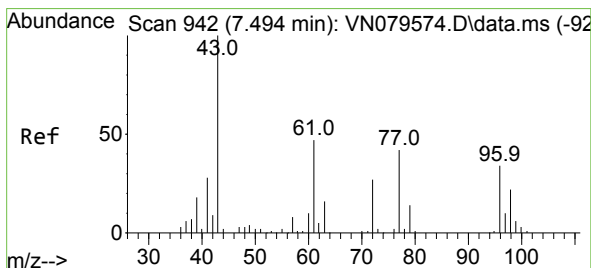
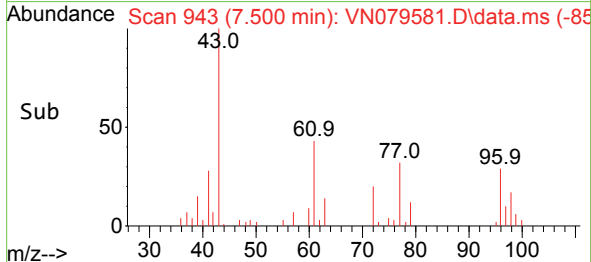
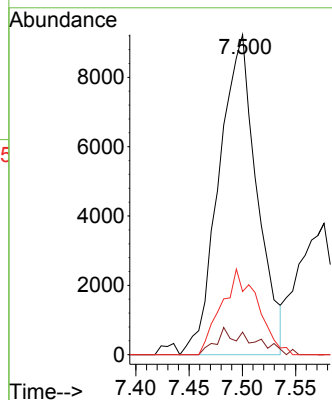
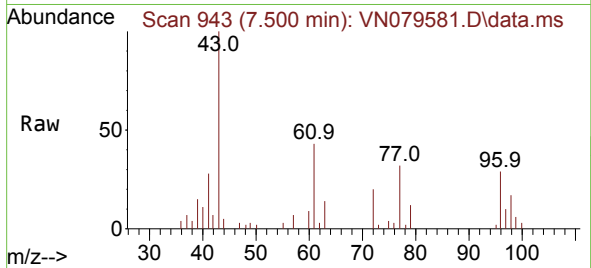




#30
2-Butanone
Concen: 11.977 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

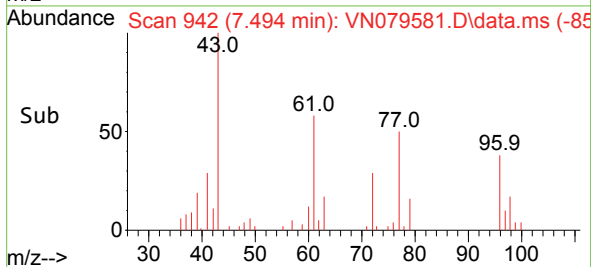
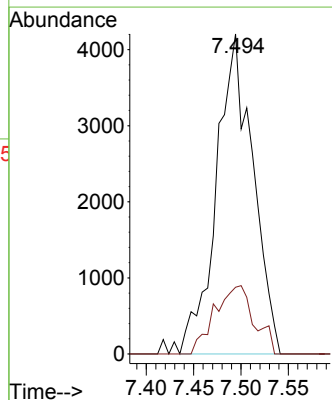
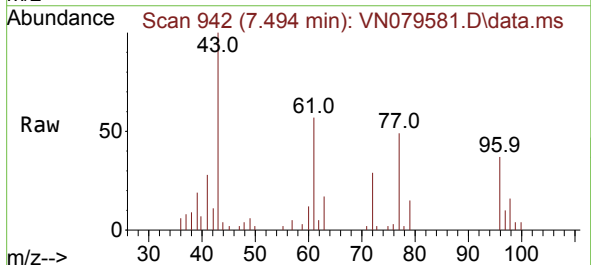
Instrument :
MSVOA_N
ClientSampleId :

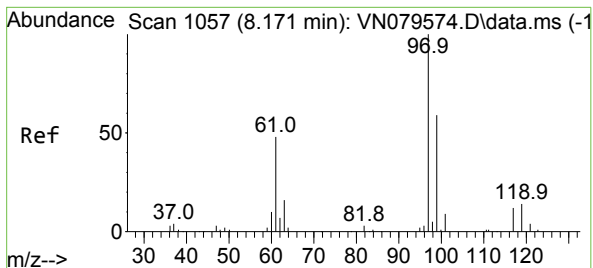
Tgt Ion: 43 Resp: 22864
Ion Ratio Lower Upper
43 100
57 1.5 6.4 9.6#
72 15.5 20.7 31.1#



#31
2,2-Dichloropropane
Concen: 2.622 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 77 Resp: 11259
Ion Ratio Lower Upper
77 100
97 14.8 17.9 26.9#





#32

1,1,1-Trichloroethane

Concen: 2.450 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

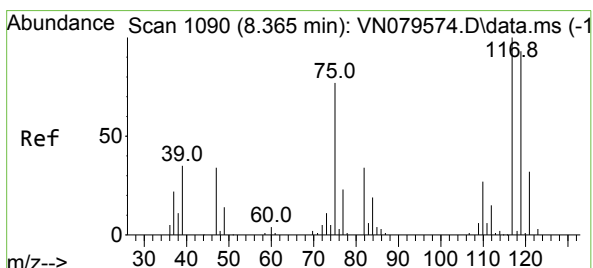
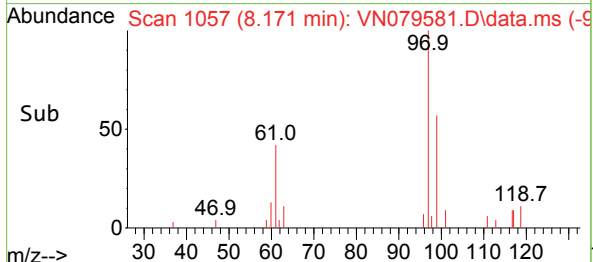
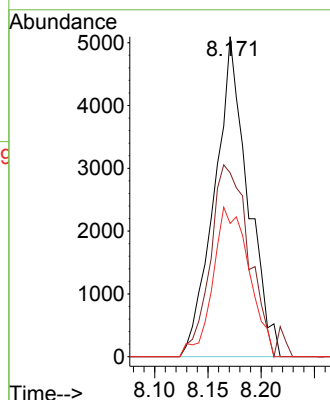
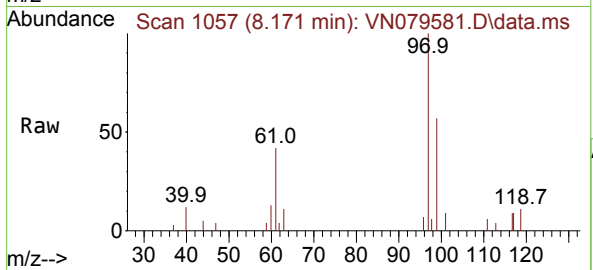
Tgt Ion: 97 Resp: 11088

Ion Ratio Lower Upper

97 100

99 68.8 51.9 77.9

61 49.5 37.6 56.4



#33

Carbon Tetrachloride

Concen: 2.525 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

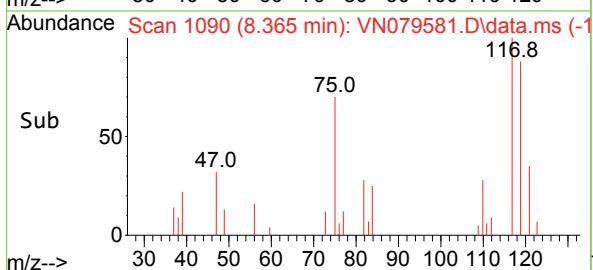
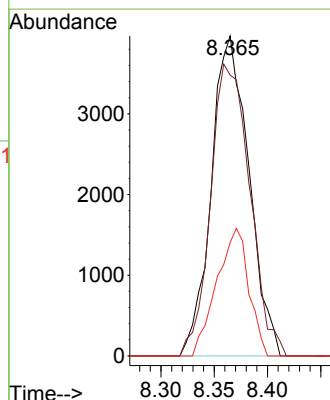
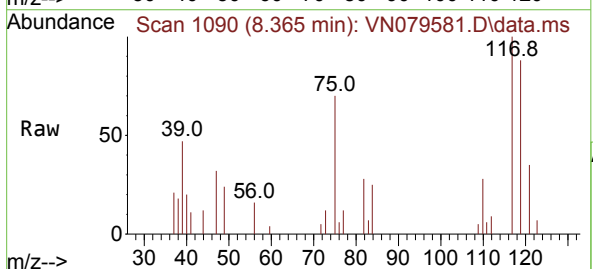
Tgt Ion: 117 Resp: 9722

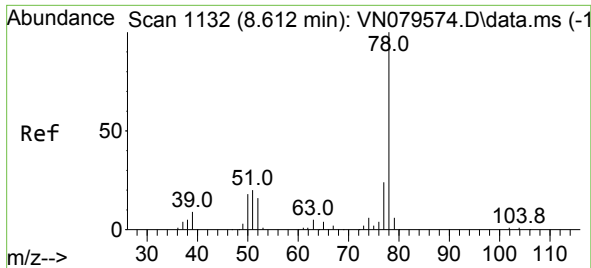
Ion Ratio Lower Upper

117 100

119 87.8 75.0 112.6

121 35.5 24.3 36.5





#34

Benzene

Concen: 2.528 ug/l

RT: 8.618 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN079581.D

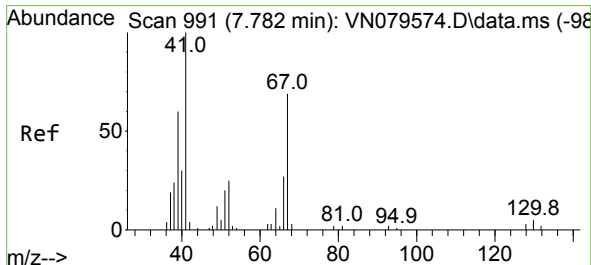
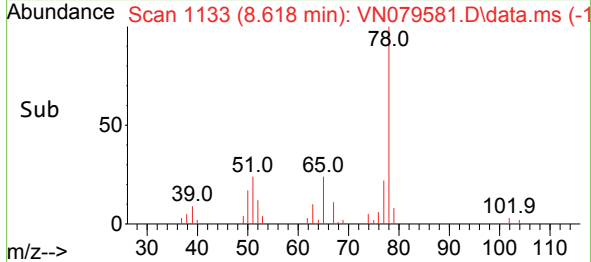
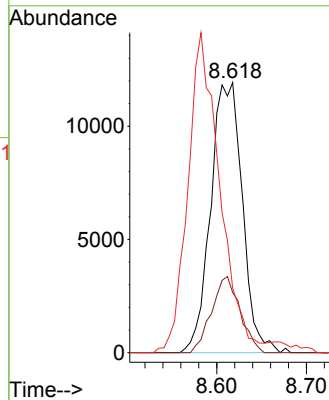
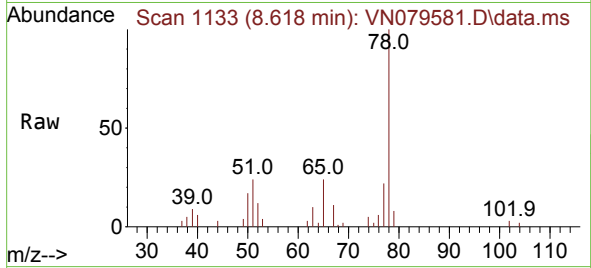
Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 78	Resp: 29251
Ion Ratio	Lower Upper
78 100	
77 22.3	19.7 29.5
51 19.8	15.8 23.6



#35

Methacrylonitrile

Concen: 1.056 ug/l

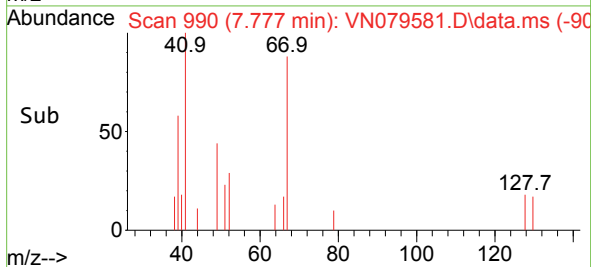
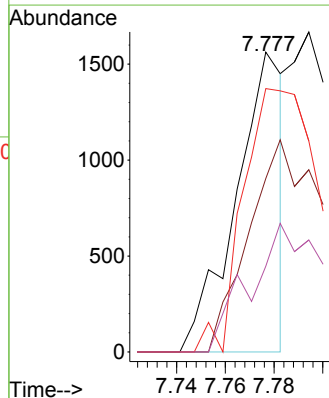
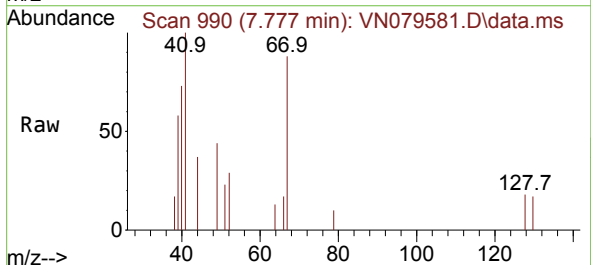
RT: 7.777 min Scan# 990

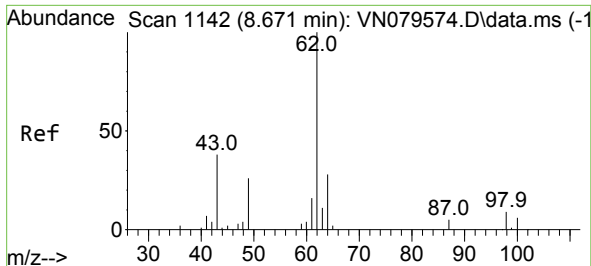
Delta R.T. -0.006 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Tgt Ion: 41	Resp: 2121
Ion Ratio	Lower Upper
41 100	
39 57.8	26.3 78.8
67 87.8	37.5 112.3
52 28.6	14.4 43.4





#36

1,2-Dichloroethane

Concen: 2.568 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

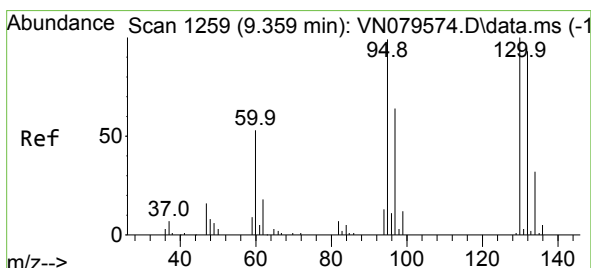
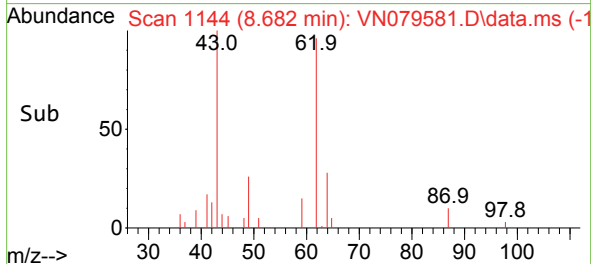
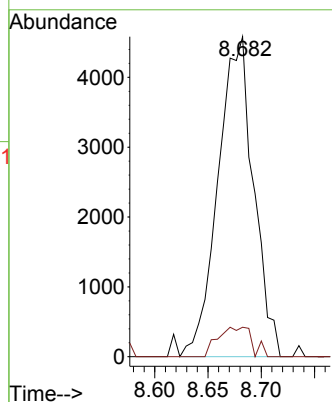
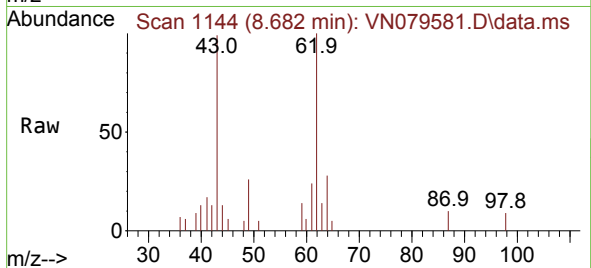
ClientSampleId :

Tgt Ion: 62 Resp: 10611

Ion Ratio Lower Upper

62 100

98 2.8 7.2 10.8#



#37

Trichloroethene

Concen: 2.549 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN079581.D

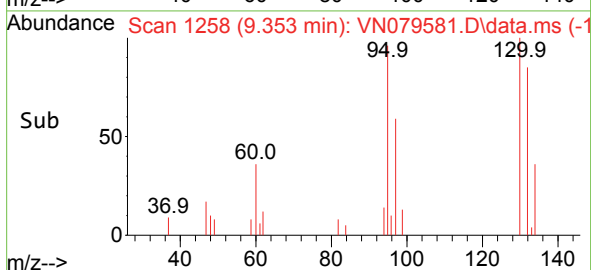
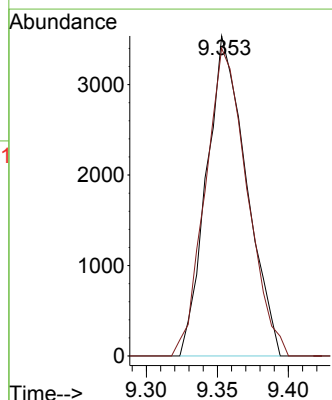
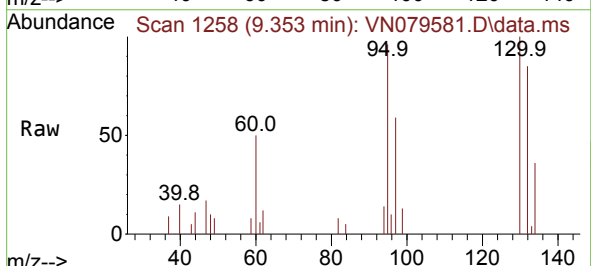
Acq: 17 Oct 2023 14:59

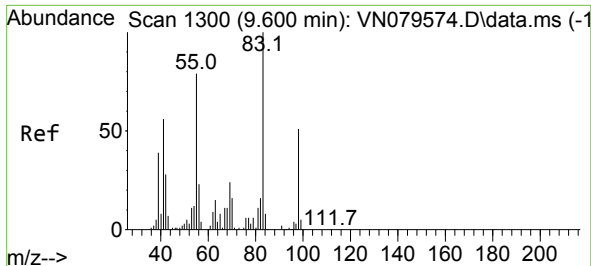
Tgt Ion: 130 Resp: 6895

Ion Ratio Lower Upper

130 100

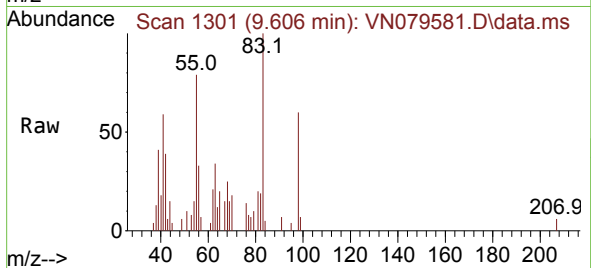
95 91.1 81.2 121.8



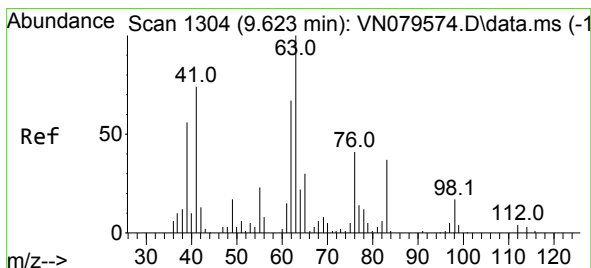
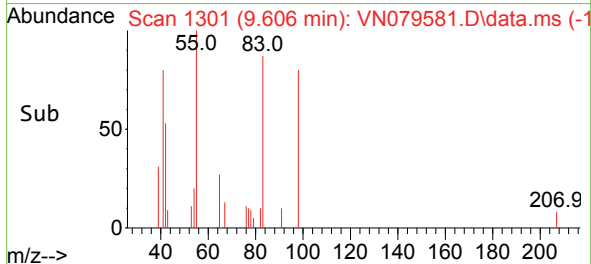
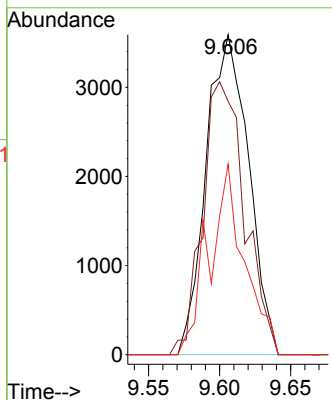


#38
Methylcyclohexane
Concen: 2.037 ug/l
RT: 9.606 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :

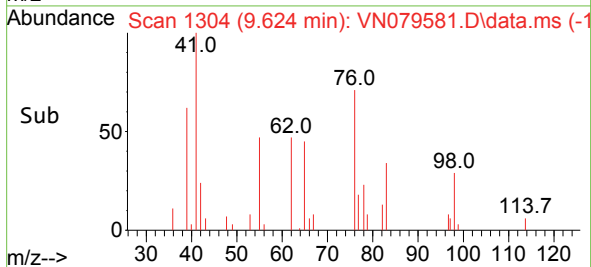
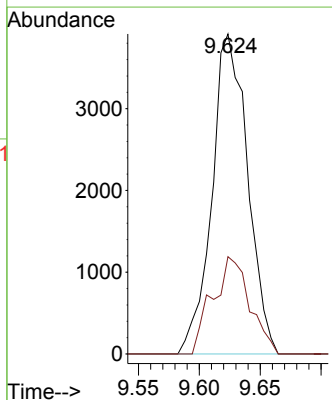
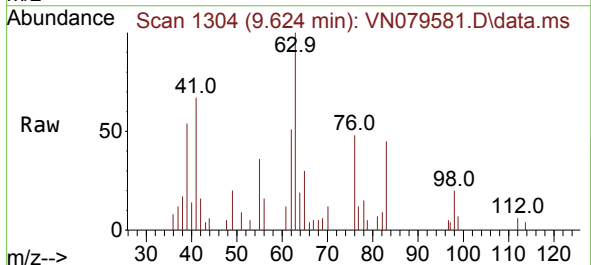


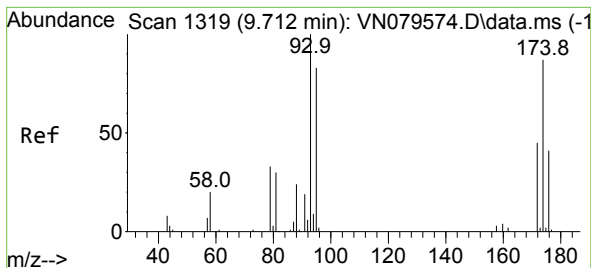
Tgt Ion: 83 Resp: 7470
Ion Ratio Lower Upper
83 100
55 84.4 39.7 119.1
98 35.9 24.4 73.2



#39
1,2-Dichloropropane
Concen: 2.610 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 63 Resp: 7969
Ion Ratio Lower Upper
63 100
65 30.4 25.3 37.9





#40

Dibromomethane

Concen: 2.651 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

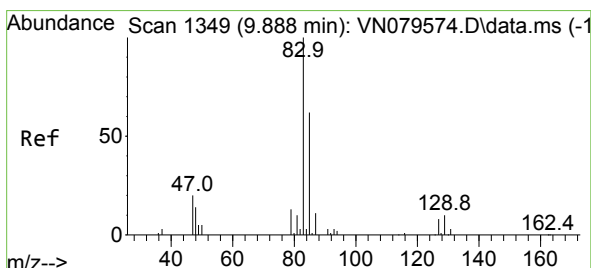
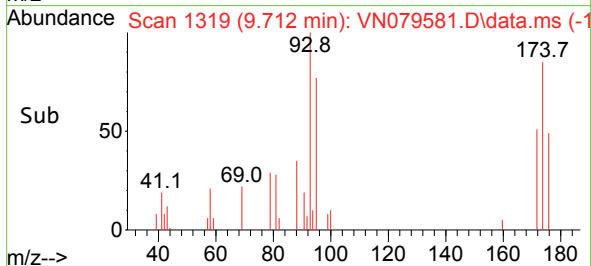
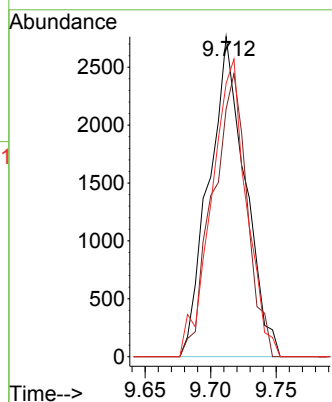
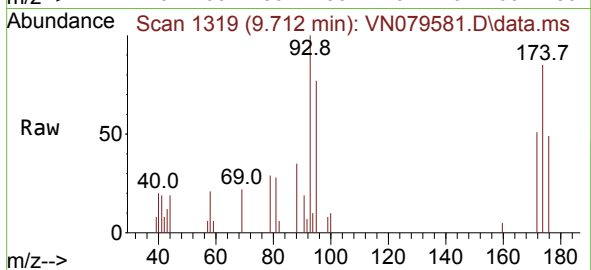
Tgt Ion: 93 Resp: 5312

Ion Ratio Lower Upper

93 100

95 84.4 0.0 166.6

174 89.4 0.0 171.0



#41

Bromodichloromethane

Concen: 2.537 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

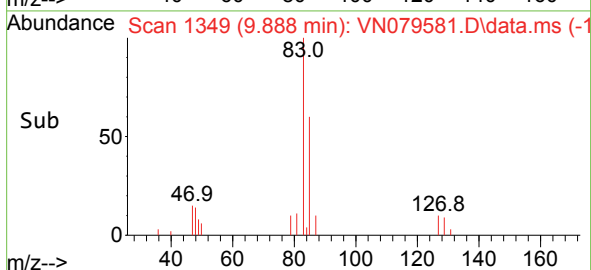
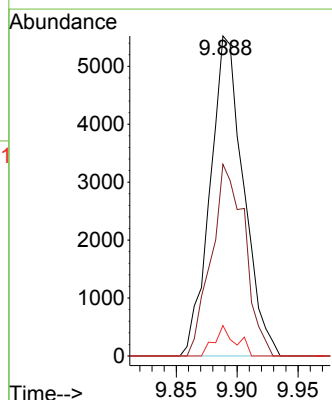
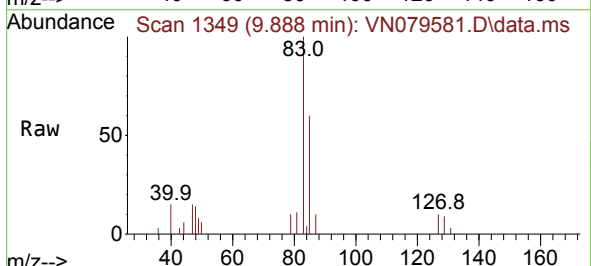
Tgt Ion: 83 Resp: 10536

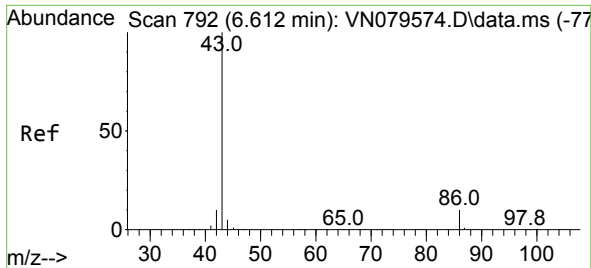
Ion Ratio Lower Upper

83 100

85 59.9 50.3 75.5

127 9.5 6.8 10.2

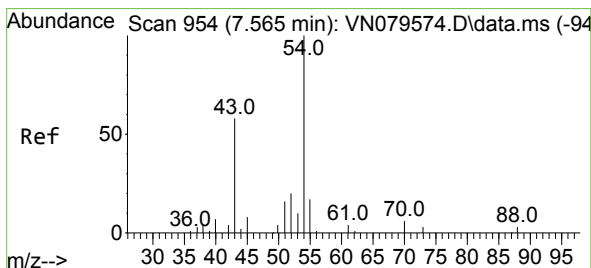
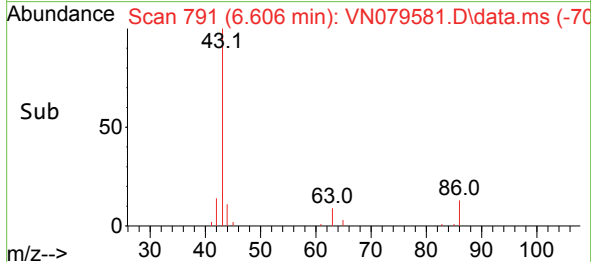
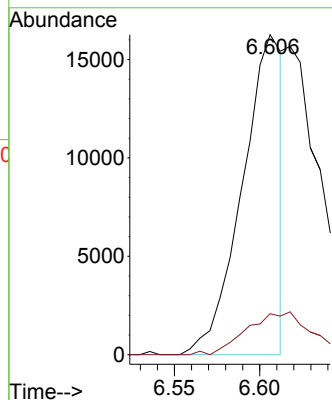
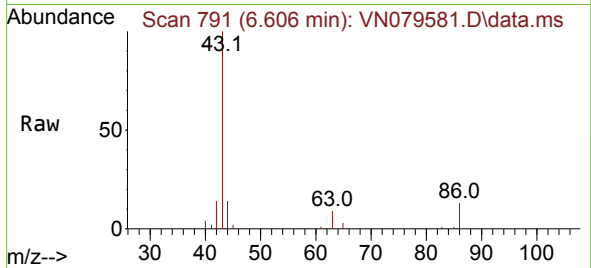




#42
 Vinyl Acetate
 Concen: 5.501 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079581.D
 Acq: 17 Oct 2023 14:59

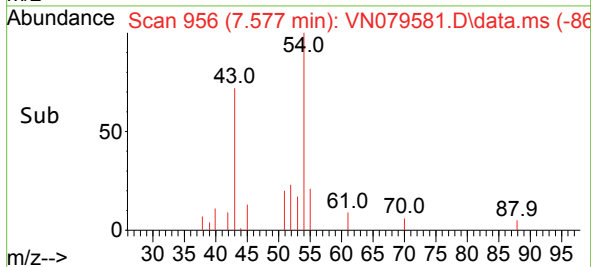
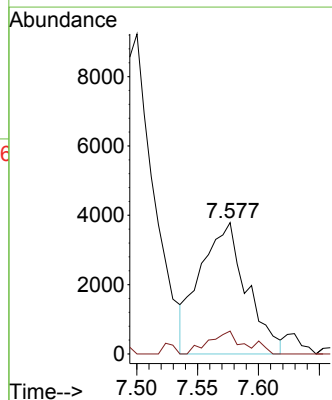
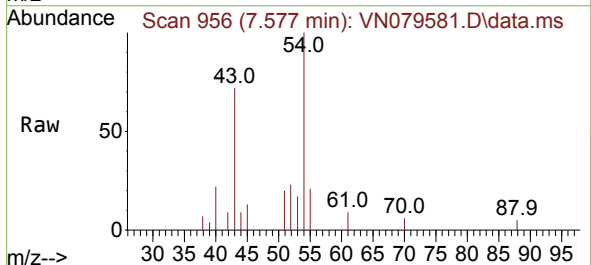
Instrument :
 MSVOA_N
 ClientSampleId :

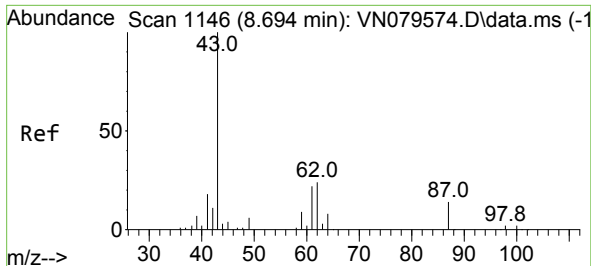
Tgt Ion: 43 Resp: 26641
 Ion Ratio Lower Upper
 43 100
 86 20.4 8.2 12.2#



#43
 Ethyl Acetate
 Concen: 2.801 ug/l
 RT: 7.577 min Scan# 956
 Delta R.T. 0.012 min
 Lab File: VN079581.D
 Acq: 17 Oct 2023 14:59

Tgt Ion: 43 Resp: 10054
 Ion Ratio Lower Upper
 43 100
 45 11.2 11.8 17.8#

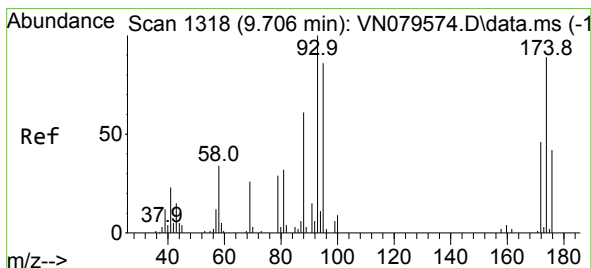
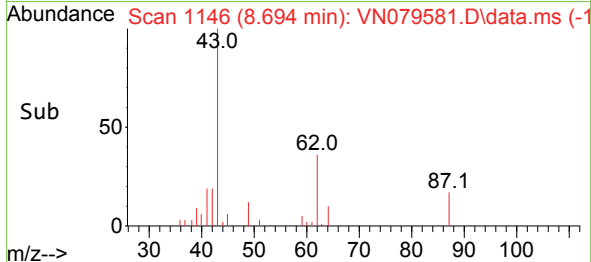
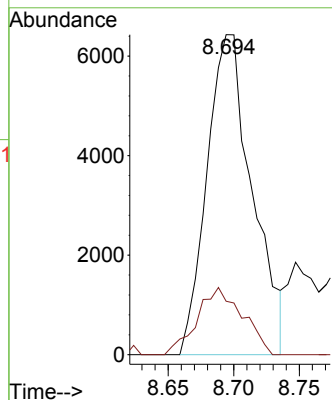
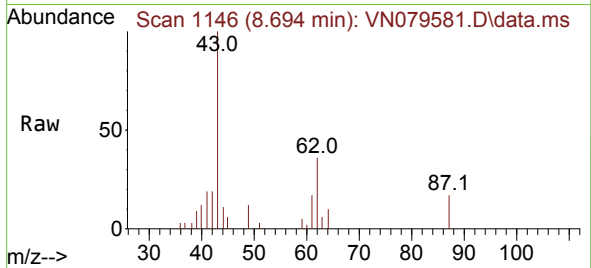




#44
Isopropyl Acetate
Concen: 2.427 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

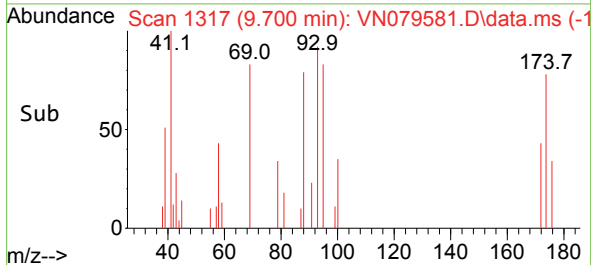
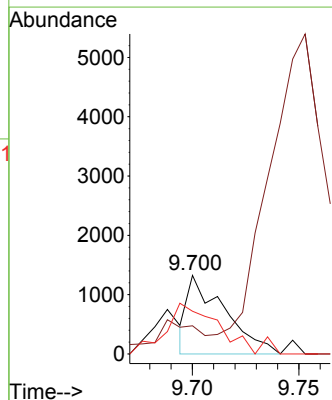
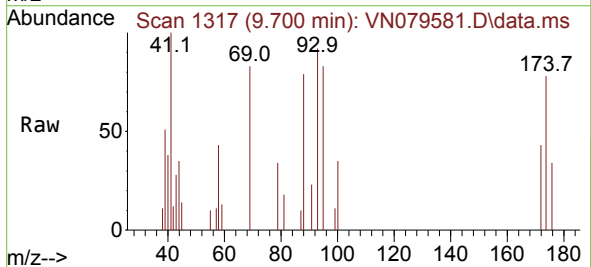
Instrument :
MSVOA_N
ClientSampleId :

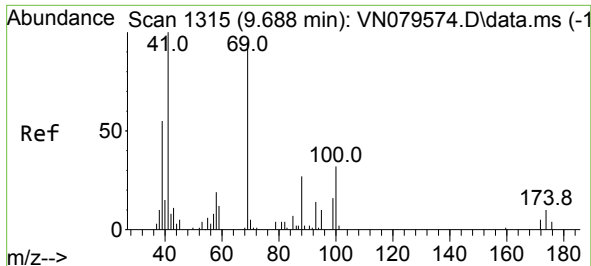
Tgt Ion: 43 Resp: 15485
Ion Ratio Lower Upper
43 100
61 21.1 20.3 30.5



#45
1,4-Dioxane
Concen: 32.332 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 88 Resp: 1615
Ion Ratio Lower Upper
88 100
43 0.0 28.7 43.1#
58 0.0 56.9 85.3#





#46

Methyl methacrylate

Concen: 2.093 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

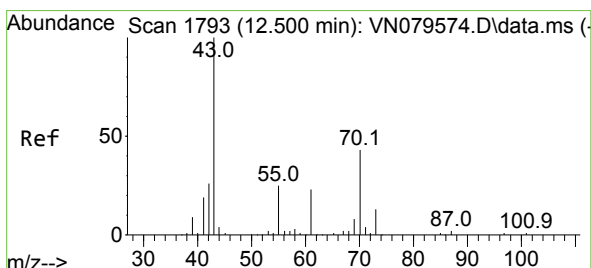
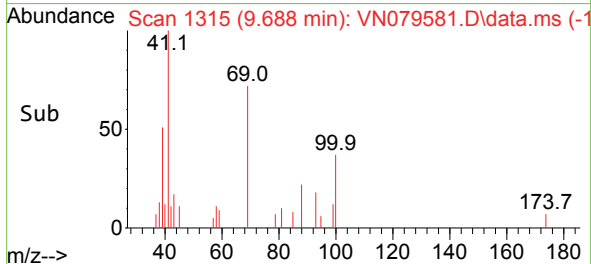
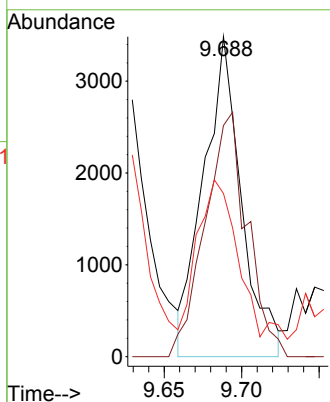
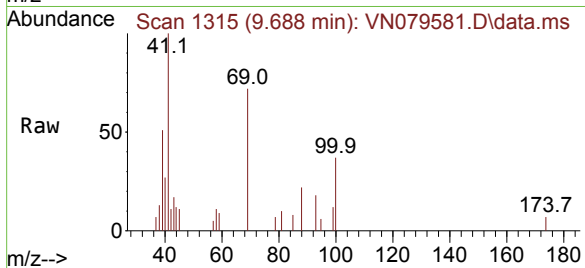
Tgt Ion: 41 Resp: 5926

Ion Ratio Lower Upper

41 100

69 72.5 40.0 119.9

39 46.4 31.1 93.3



#47

n-amy1 Acetate

Concen: 1.582 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.006 min

Lab File: VN079581.D

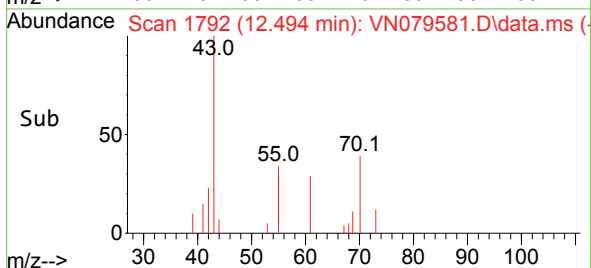
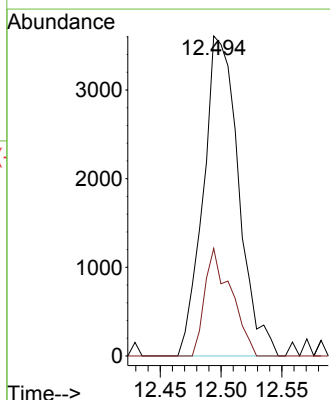
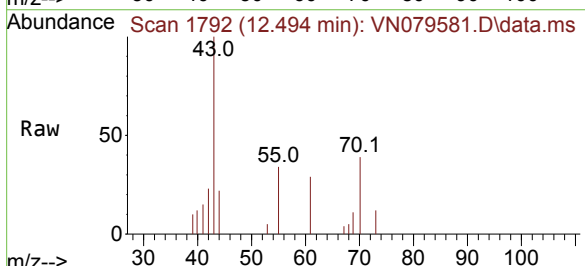
Acq: 17 Oct 2023 14:59

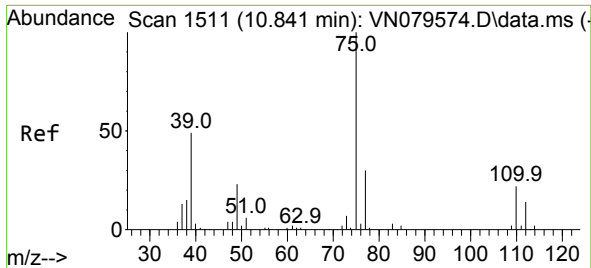
Tgt Ion: 43 Resp: 7288

Ion Ratio Lower Upper

43 100

55 25.2 20.7 31.1

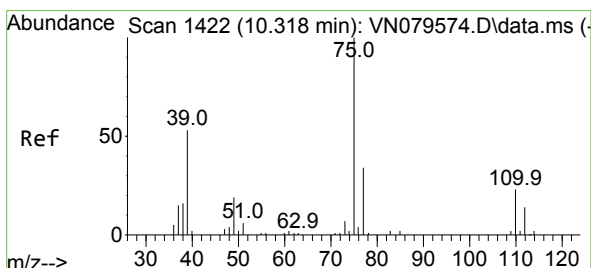
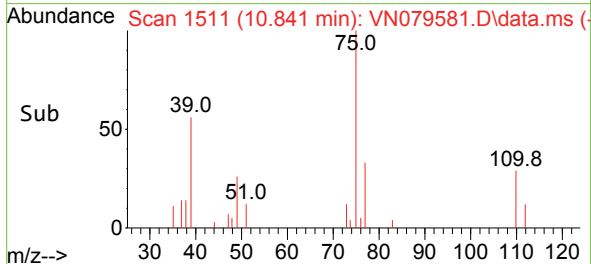
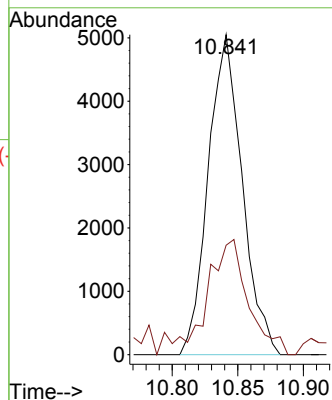
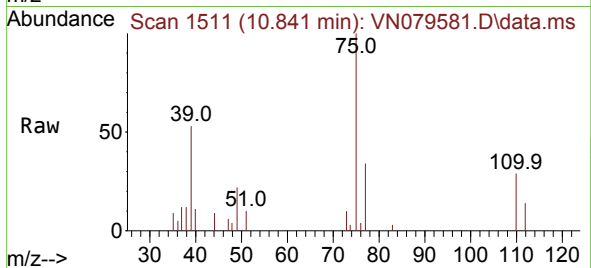




#48
 t-1,3-Dichloropropene
 Concen: 2.169 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079581.D
 Acq: 17 Oct 2023 14:59

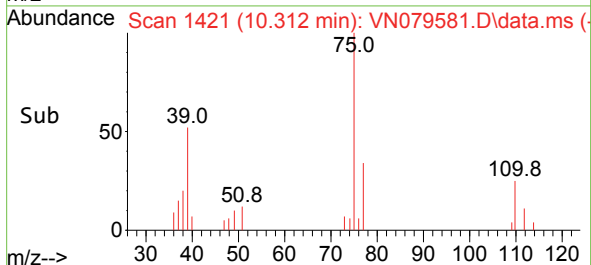
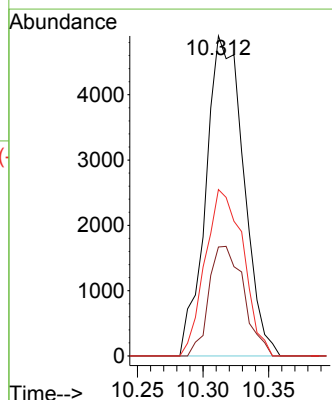
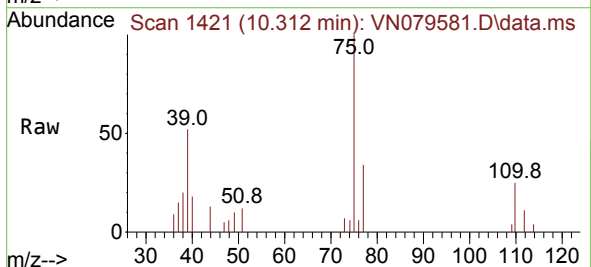
Instrument :
 MSVOA_N
 ClientSampleId :

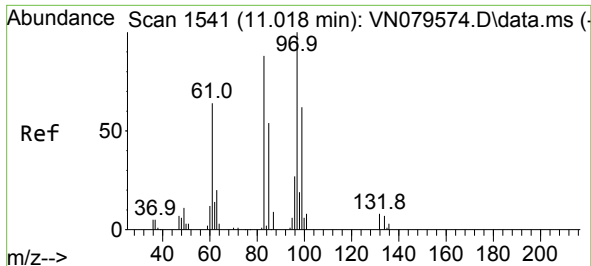
Tgt Ion: 75 Resp: 9108
 Ion Ratio Lower Upper
 75 100
 77 28.6 25.6 38.4



#49
 cis-1,3-Dichloropropene
 Concen: 2.132 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079581.D
 Acq: 17 Oct 2023 14:59

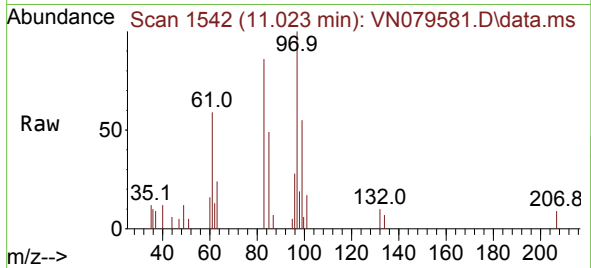
Tgt Ion: 75 Resp: 9787
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.8 38.6
 39 52.0 42.4 63.6



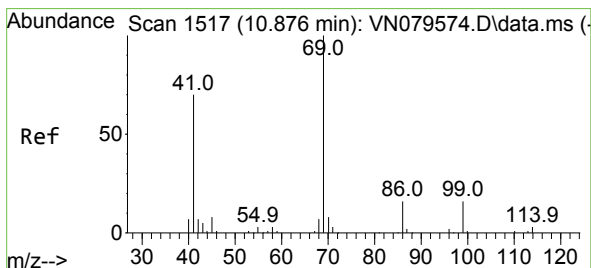
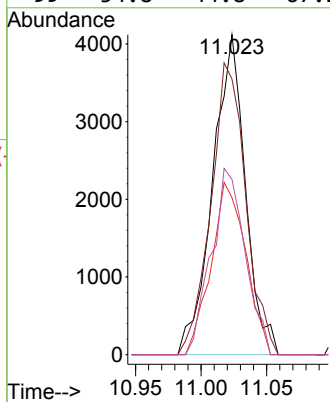
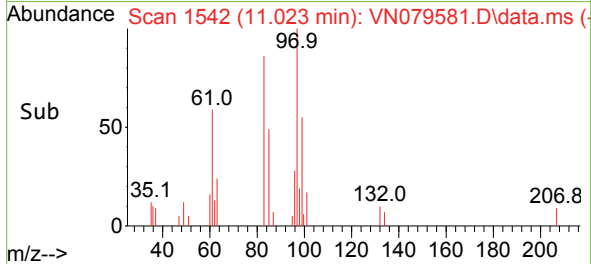


#50
1,1,2-Trichloroethane
Concen: 2.573 ug/l
RT: 11.023 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :

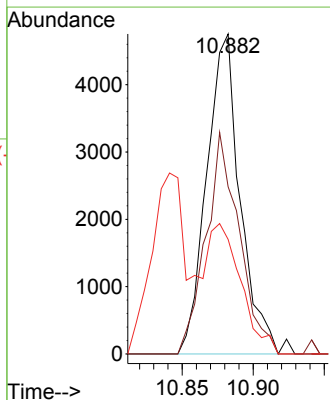
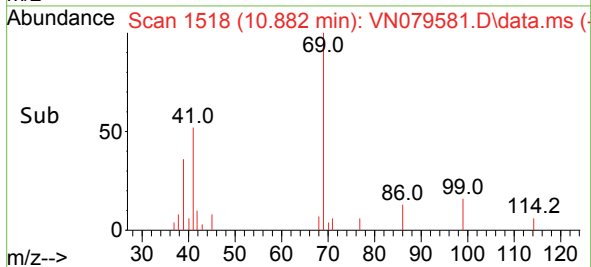
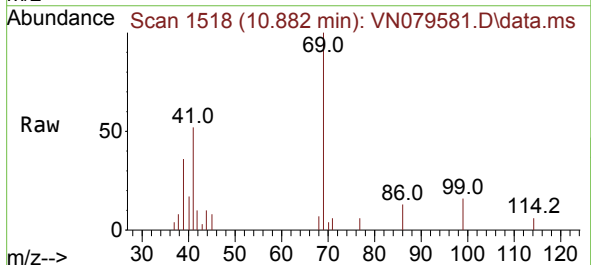


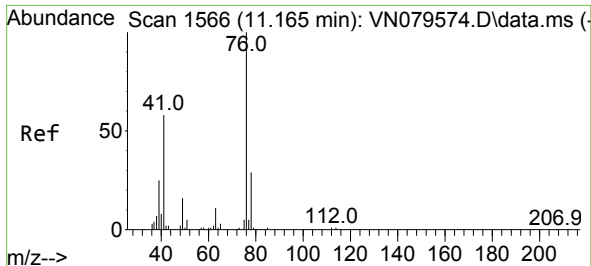
Tgt Ion: 97	Resp: 7153
Ion Ratio	Lower Upper
97 100	
83 86.2	68.2 102.4
85 49.0	42.9 64.3
99 54.8	44.8 67.2



#51
Ethyl methacrylate
Concen: 2.023 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

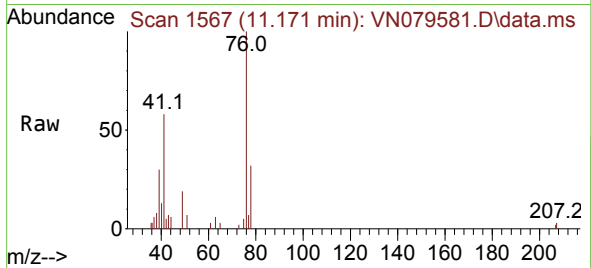
Tgt Ion: 69	Resp: 7760
Ion Ratio	Lower Upper
69 100	
41 62.3	33.8 101.3
39 35.8	21.3 63.9



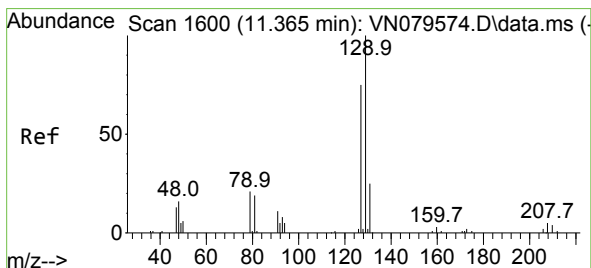
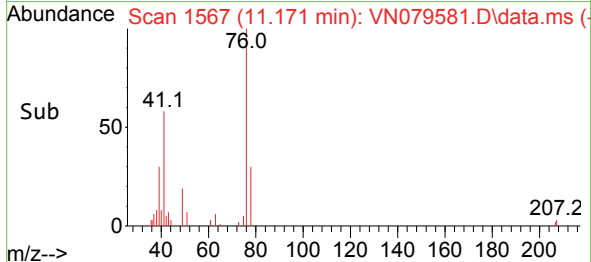
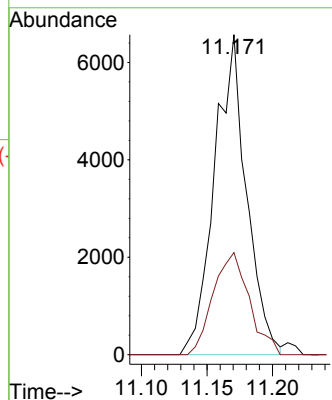


#52
1,3-Dichloropropane
Concen: 2.261 ug/l
RT: 11.171 min Scan# 11136
Delta R.T. 0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :

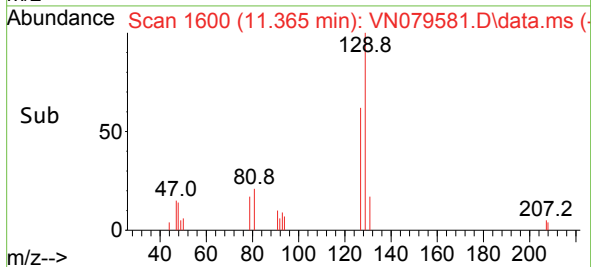
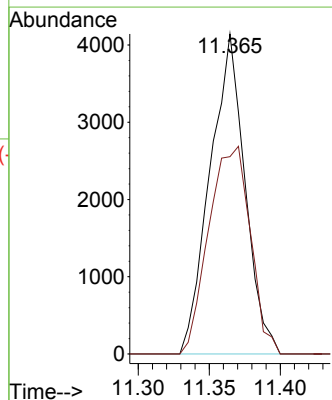
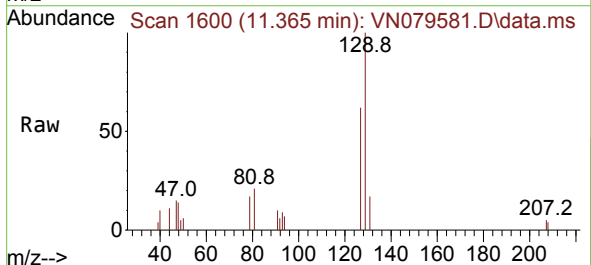


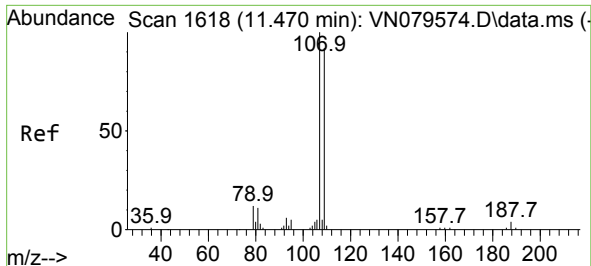
Tgt Ion: 76 Resp: 11136
Ion Ratio Lower Upper
76 100
78 35.9 0.0 64.0



#53
Dibromochloromethane
Concen: 2.491 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 129 Resp: 7077
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3

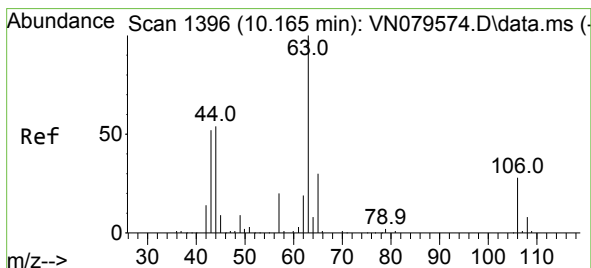
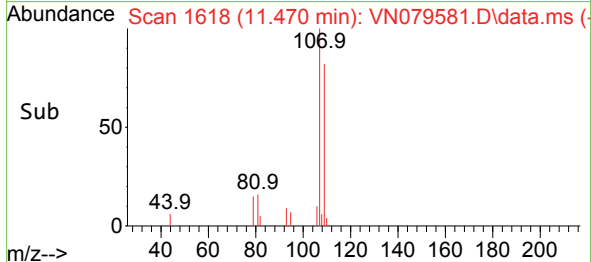
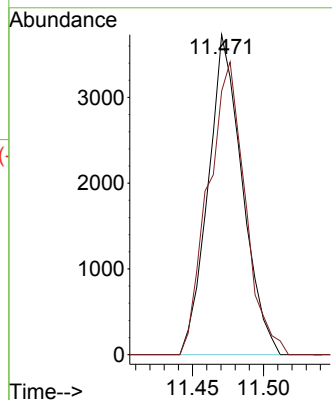
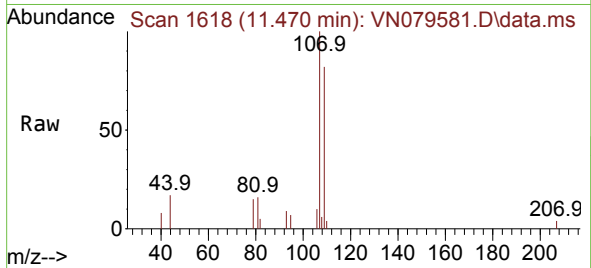




#54
1,2-Dibromoethane
Concen: 2.277 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

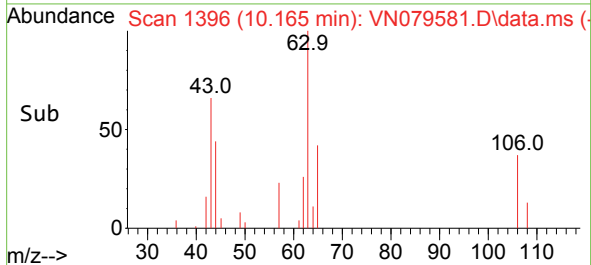
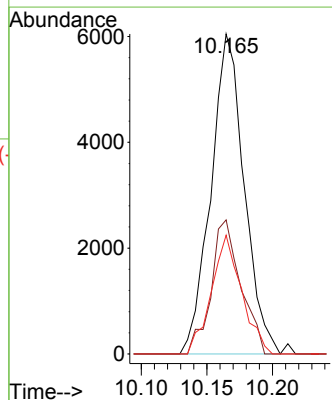
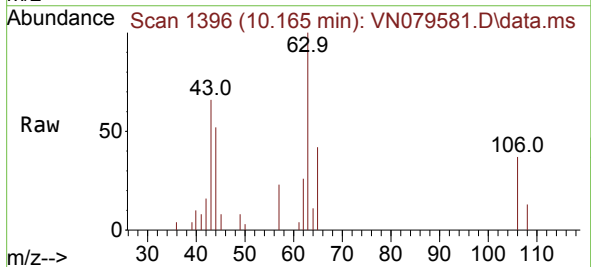
Instrument :
MSVOA_N
ClientSampleId :

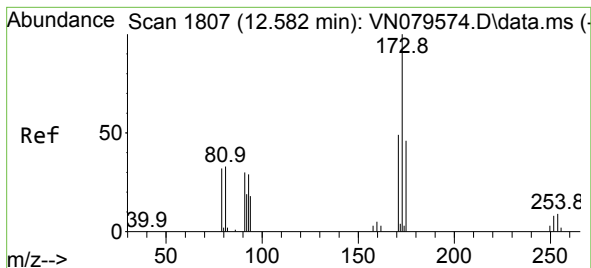
Tgt Ion:107 Resp: 6245
Ion Ratio Lower Upper
107 100
109 98.8 73.2 109.8



#55
2-Chloroethyl vinyl ether
Concen: 7.288 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 63 Resp: 10665
Ion Ratio Lower Upper
63 100
65 37.4 25.9 38.9
106 33.7 20.6 30.8#





#56

Bromoform

Concen: 2.276 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

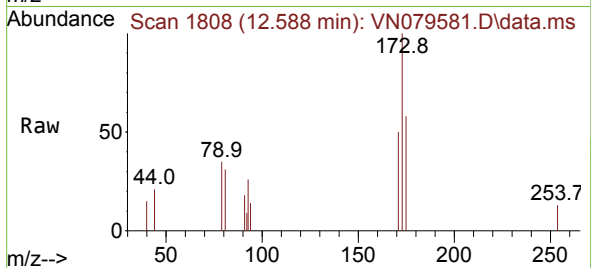
Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :



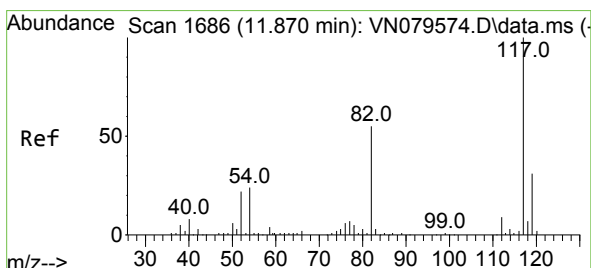
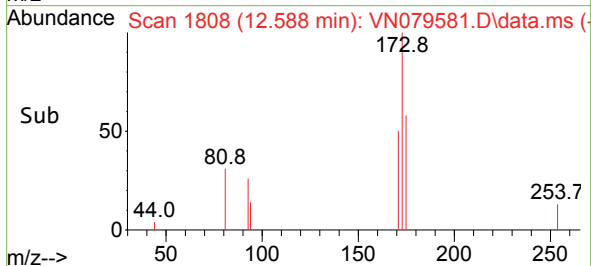
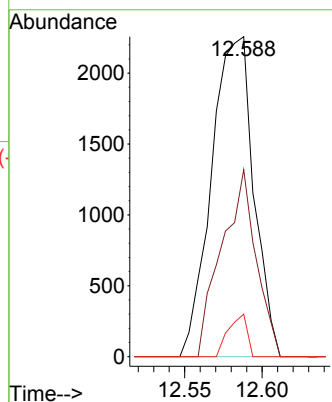
Tgt Ion:173 Resp: 4278

Ion Ratio Lower Upper

173 100

175 47.7 37.9 56.9

254 5.8 7.3 10.9#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

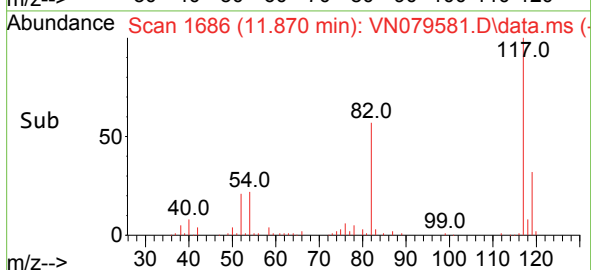
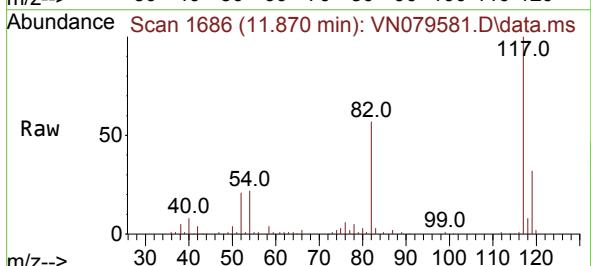
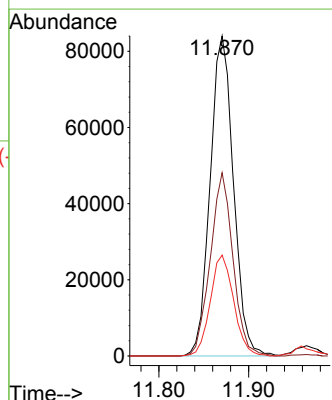
Tgt Ion:117 Resp: 151803

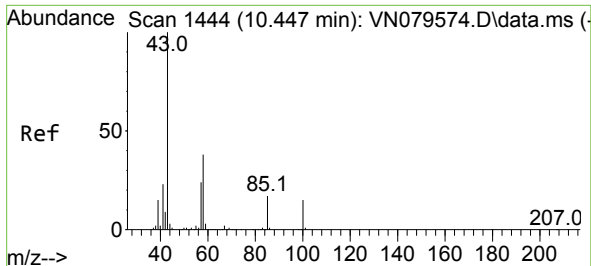
Ion Ratio Lower Upper

117 100

82 55.8 46.2 69.2

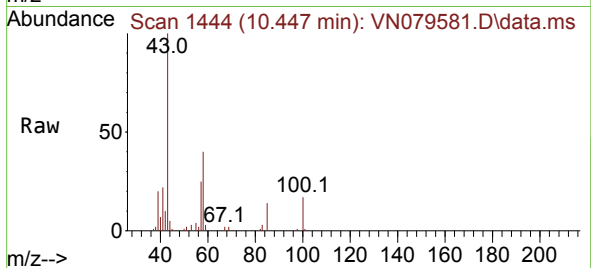
119 31.6 25.2 37.8



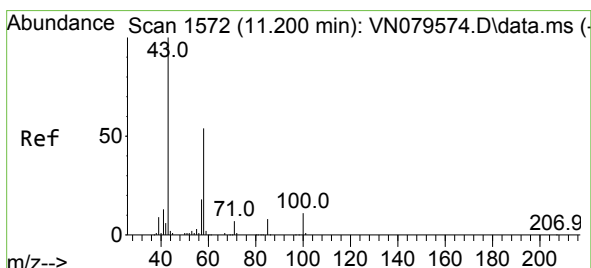
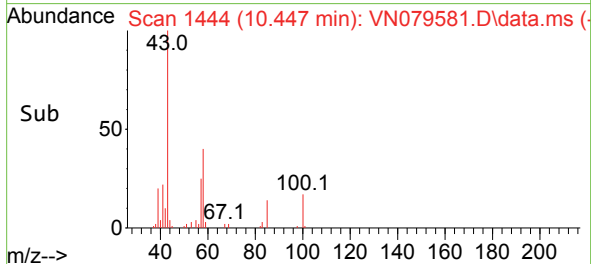
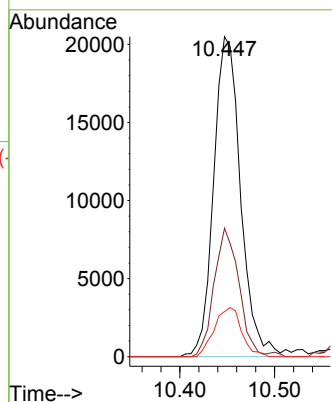


#58
4-Methyl-2-Pentanone
Concen: 11.417 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :

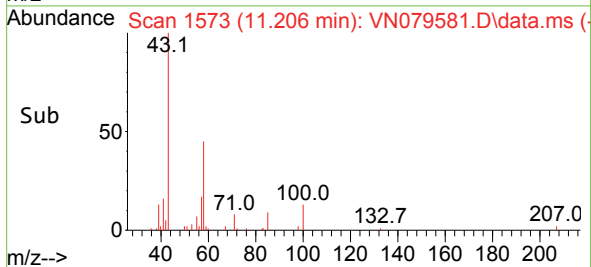
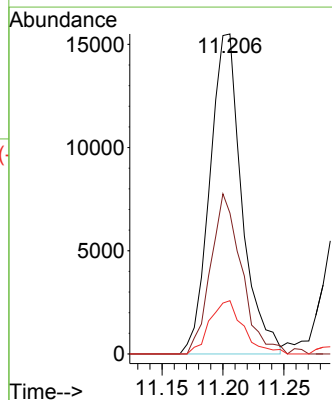
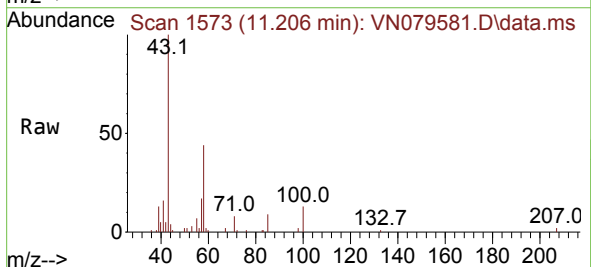


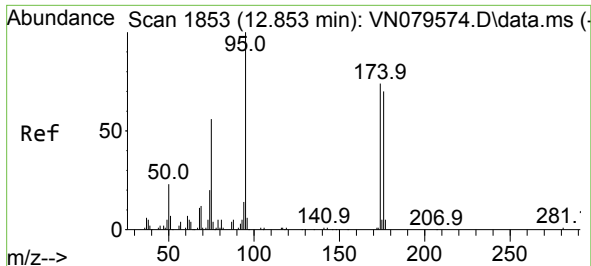
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.9	30.4	45.6
85	15.6	13.2	19.8



#59
2-Hexanone
Concen: 10.919 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.2	42.3	63.5
57	17.5	13.9	20.9

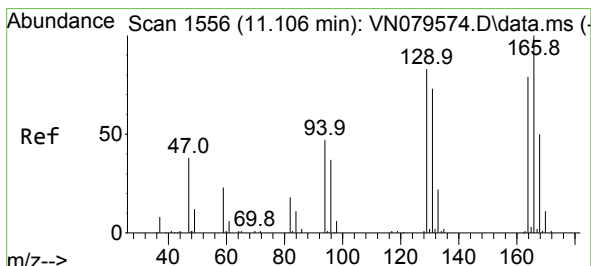
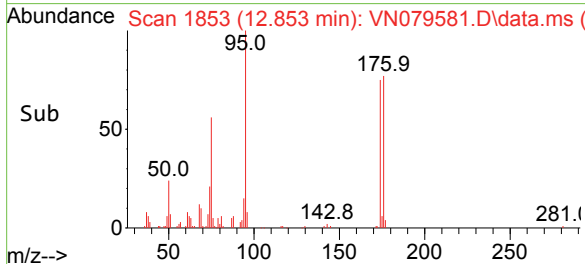
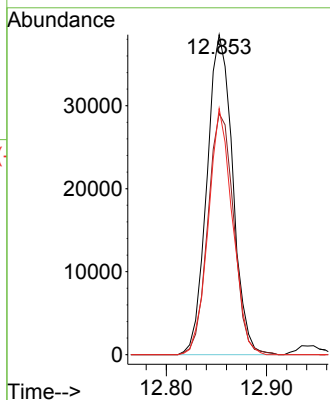
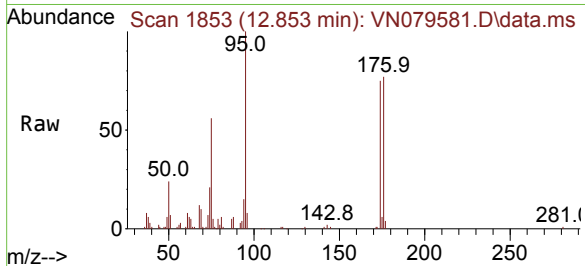




#60
4-Bromofluorobenzene
Concen: 24.825 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

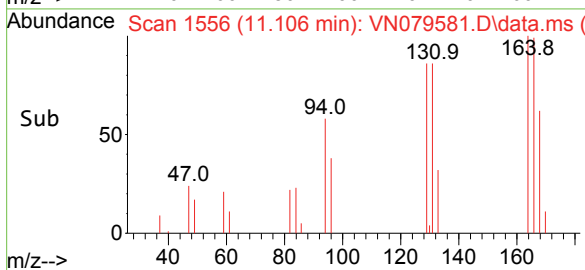
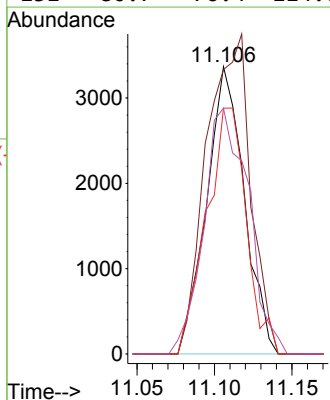
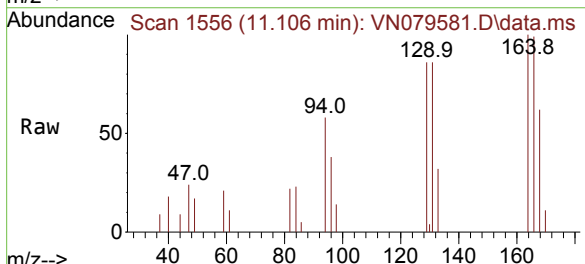
Instrument :
MSVOA_N
ClientSampleId :

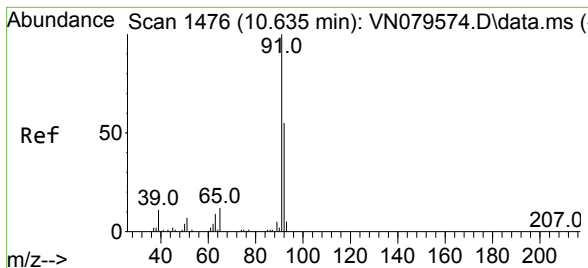
Tgt Ion: 95 Resp: 68914
Ion Ratio Lower Upper
95 100
174 75.5 60.5 90.7
176 72.3 57.2 85.8



#61
Tetrachloroethene
Concen: 2.725 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 164 Resp: 5679
Ion Ratio Lower Upper
164 100
166 99.0 98.2 147.4
129 85.6 75.0 112.4
131 80.7 76.4 114.6





#62

Toluene

Concen: 2.491 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

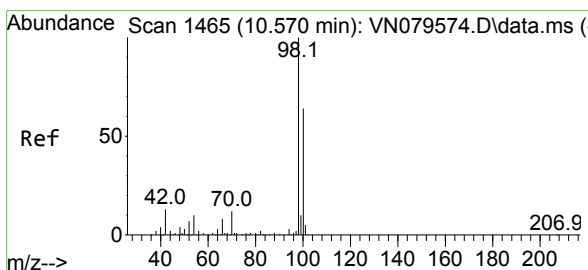
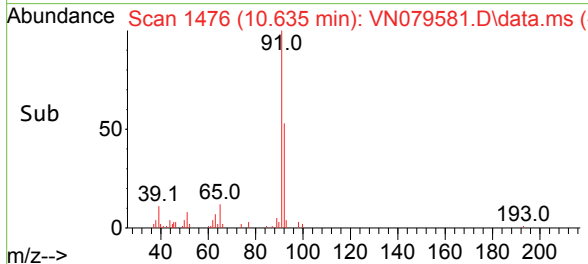
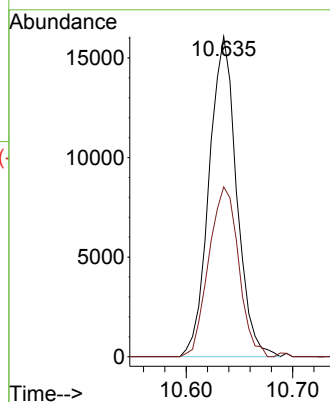
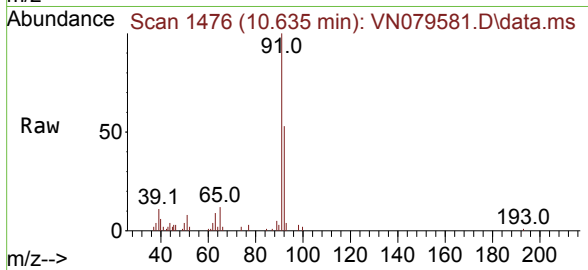
ClientSampleId :

Tgt Ion: 91 Resp: 28897

Ion Ratio Lower Upper

91 100

92 57.4 45.3 67.9



#63

Toluene-d8

Concen: 29.350 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079581.D

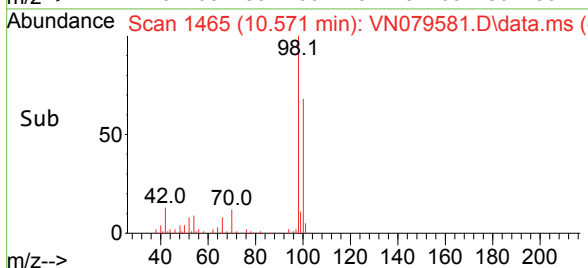
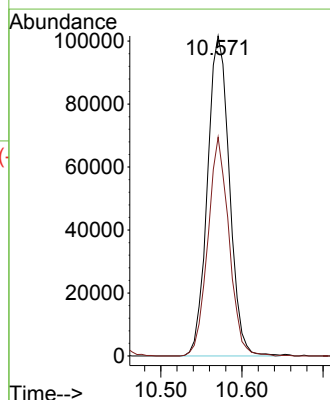
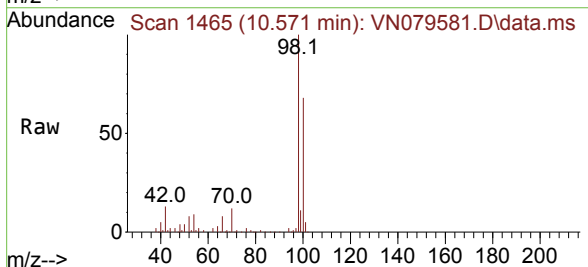
Acq: 17 Oct 2023 14:59

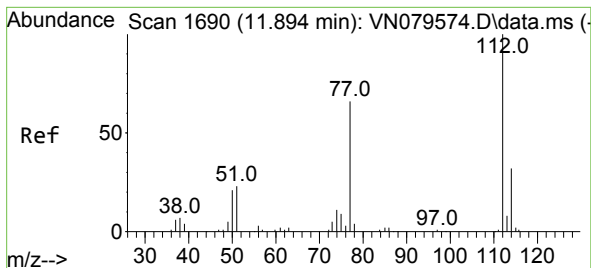
Tgt Ion: 98 Resp: 190915

Ion Ratio Lower Upper

98 100

100 65.7 51.6 77.4





#64

Chlorobenzene

Concen: 2.618 ug/l

RT: 11.894 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

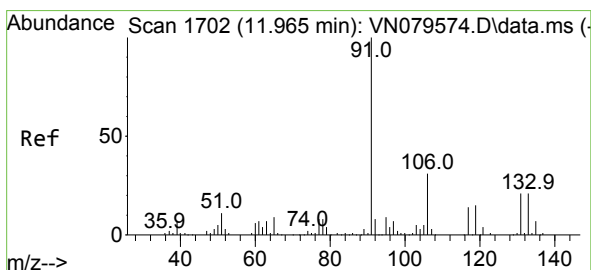
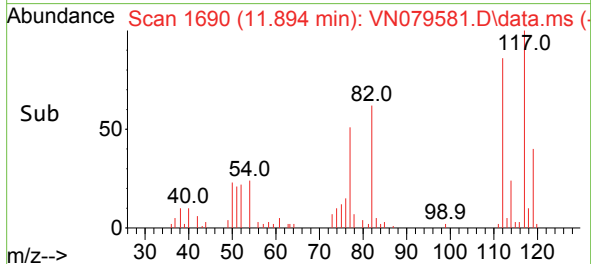
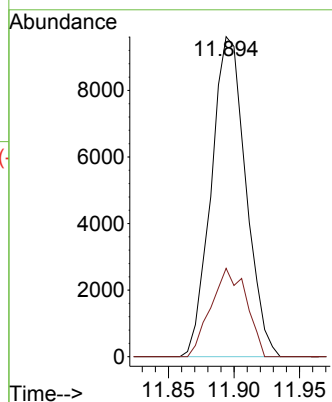
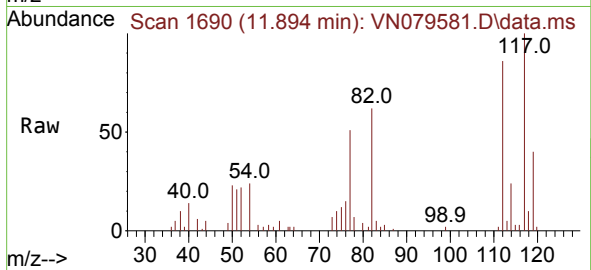
ClientSampleId :

Tgt Ion:112 Resp: 17619

Ion Ratio Lower Upper

112 100

114 27.6 28.1 42.1#



#65

1,1,1,2-Tetrachloroethane

Concen: 2.544 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

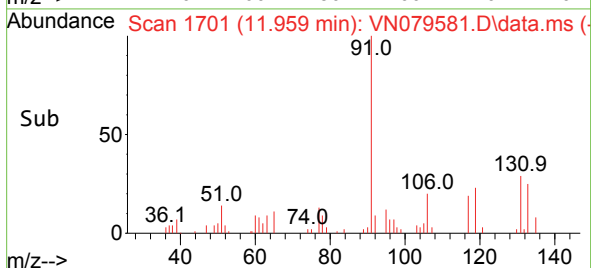
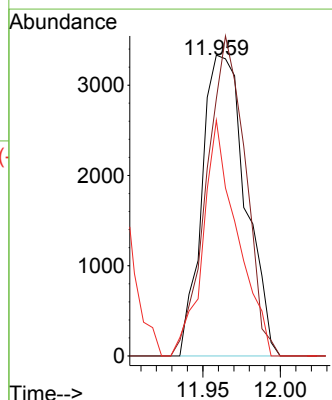
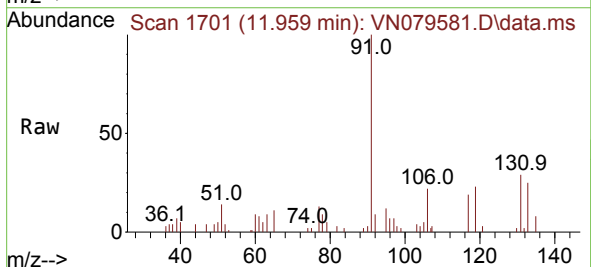
Tgt Ion:131 Resp: 6521

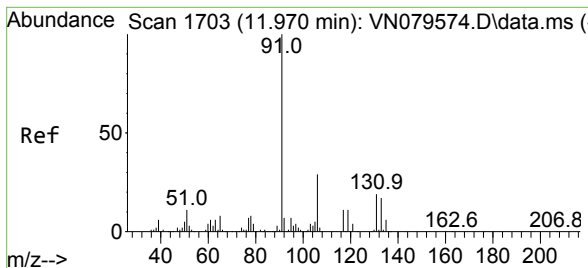
Ion Ratio Lower Upper

131 100

133 94.1 0.0 196.0

119 61.7 0.0 135.6

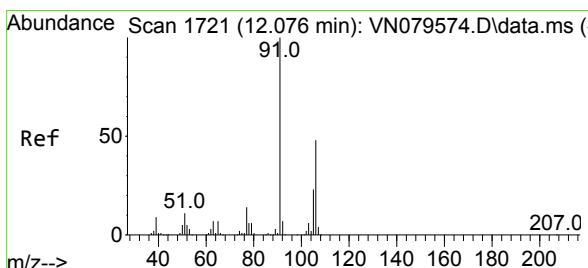
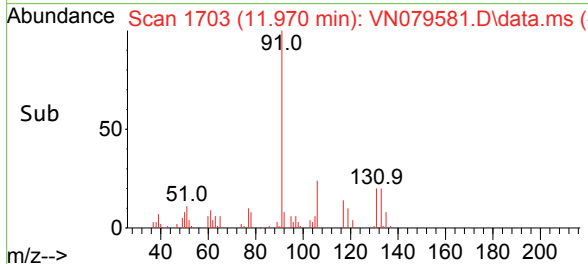
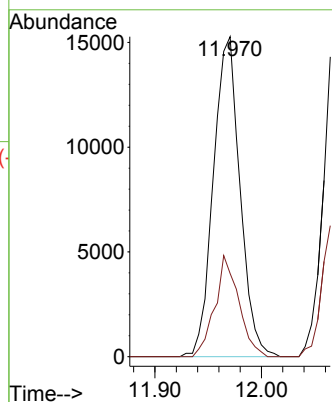
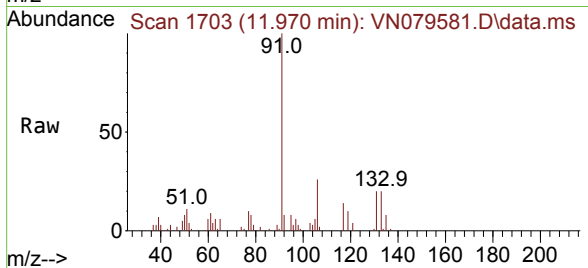




#66
Ethyl Benzene
Concen: 2.215 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

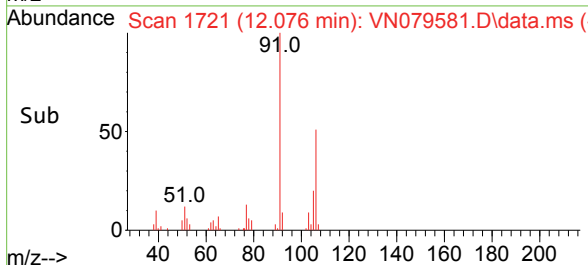
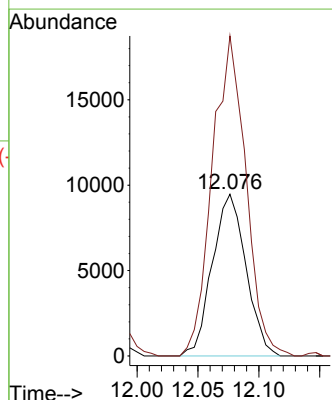
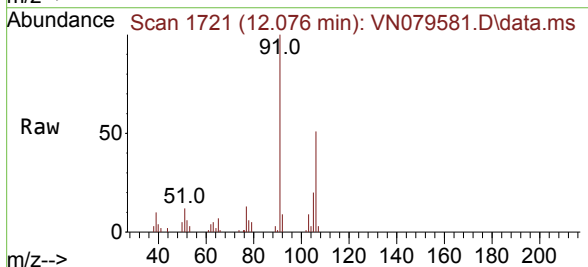
Instrument :
MSVOA_N
ClientSampleId :

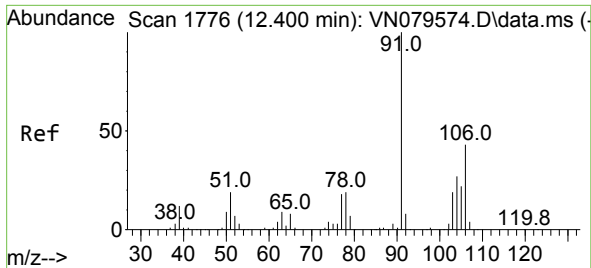
Tgt Ion: 91 Resp: 26473
Ion Ratio Lower Upper
91 100
106 26.0 23.8 35.8



#67
m/p-Xylenes
Concen: 4.128 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 106 Resp: 18250
Ion Ratio Lower Upper
106 100
91 197.2 161.8 242.6

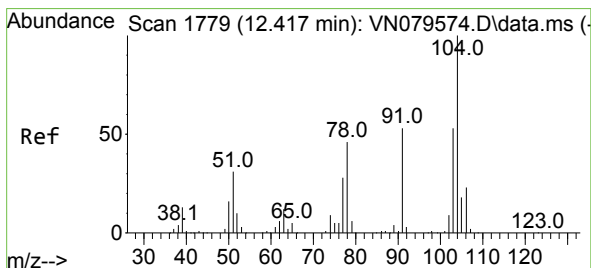
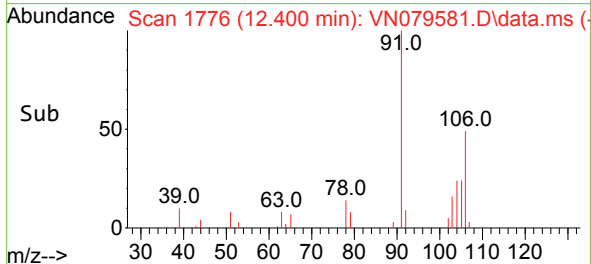
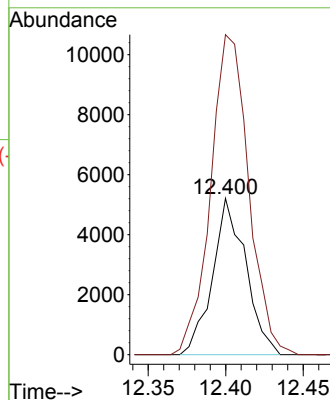
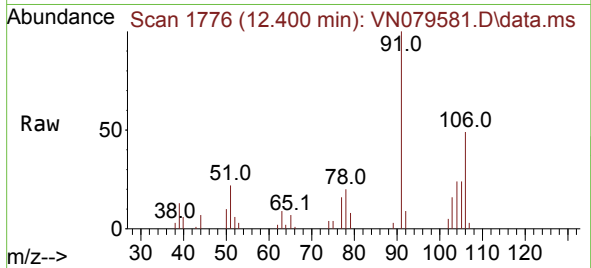




#68
o-Xylene
Concen: 1.837 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

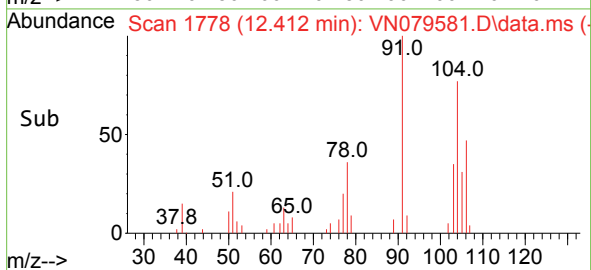
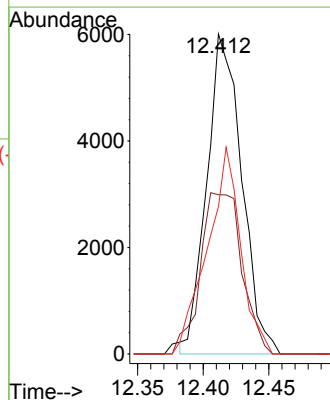
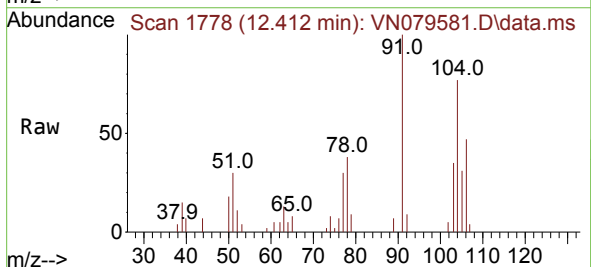
Instrument :
MSVOA_N
ClientSampleId :

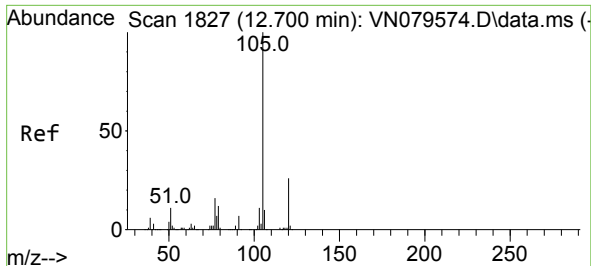
Tgt Ion:106 Resp: 7763
Ion Ratio Lower Upper
106 100
91 234.7 109.9 329.7



#69
Styrene
Concen: 1.661 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

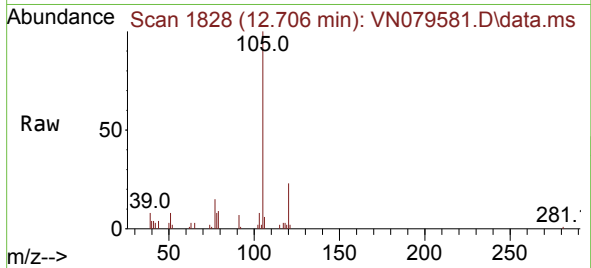
Tgt Ion:104 Resp: 11142
Ion Ratio Lower Upper
104 100
78 40.3 41.2 61.8#
103 61.4 43.1 64.7



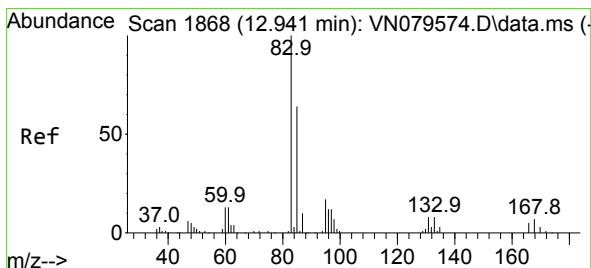
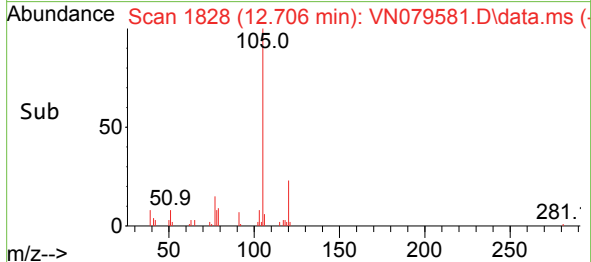
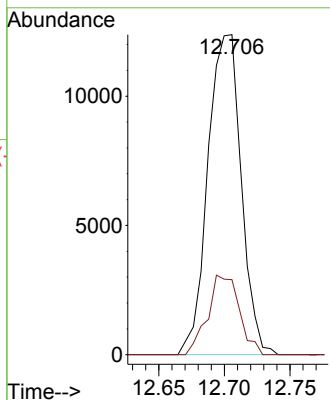


#70
Isopropylbenzene
Concen: 2.019 ug/l
RT: 12.706 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :

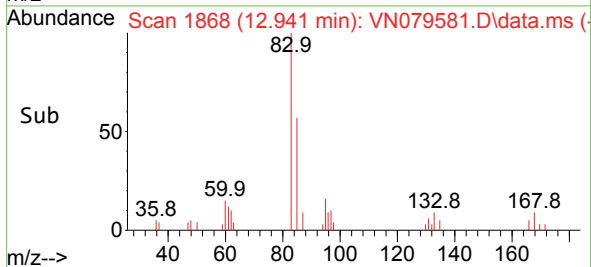
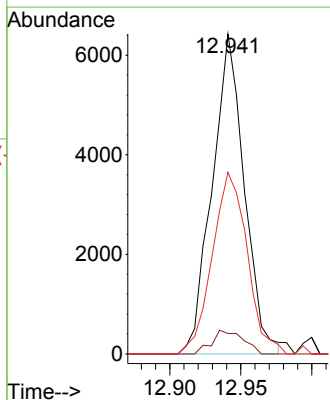
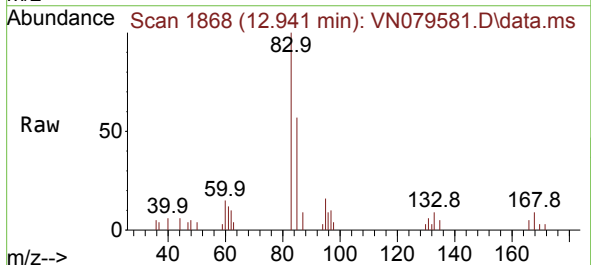


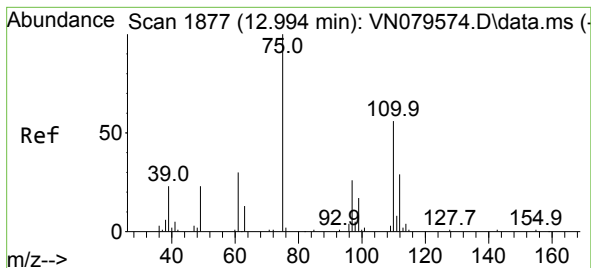
Tgt Ion:105 Resp: 21902
Ion Ratio Lower Upper
105 100
120 23.5 18.1 33.5



#71
1,1,2,2-Tetrachloroethane
Concen: 2.615 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 83 Resp: 10087
Ion Ratio Lower Upper
83 100
131 7.2 4.5 13.4
85 61.8 32.1 96.3





#72

1,2,3-Trichloropropane

Concen: 2.783 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

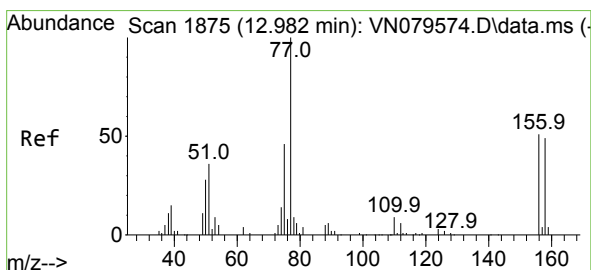
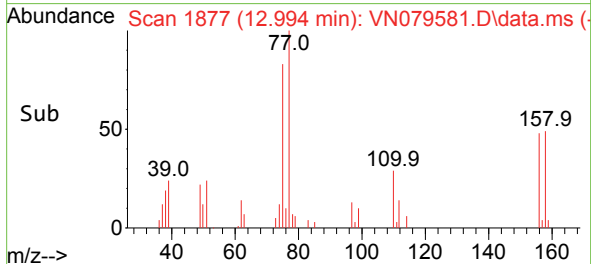
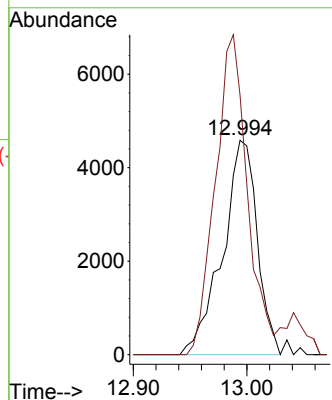
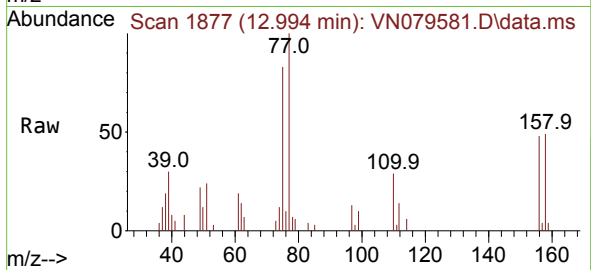
ClientSampleId :

Tgt Ion: 75 Resp: 9747

Ion Ratio Lower Upper

75 100

77 137.5 0.0 338.2



#73

Bromobenzene

Concen: 2.213 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

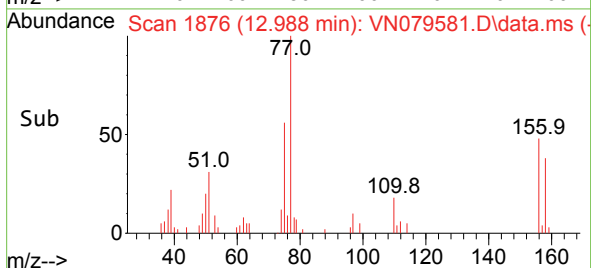
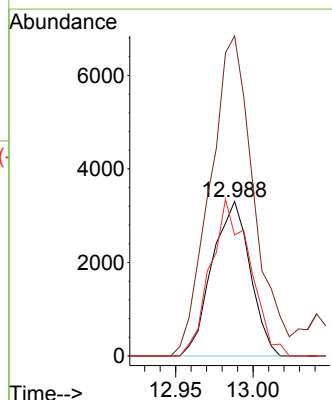
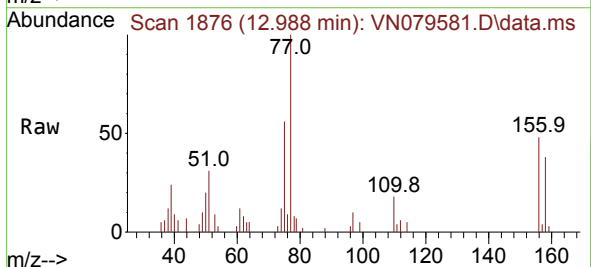
Tgt Ion: 156 Resp: 5639

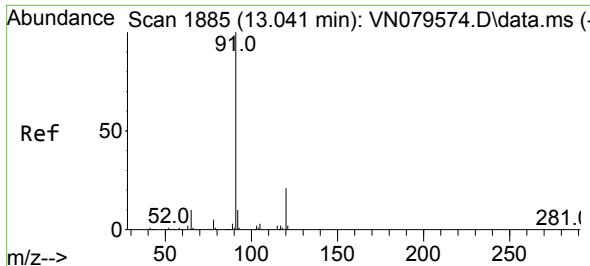
Ion Ratio Lower Upper

156 100

77 237.6 0.0 448.2

158 104.6 0.0 194.8

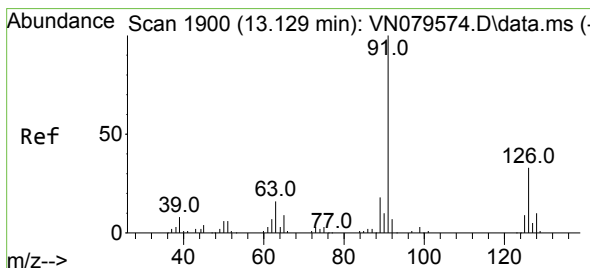
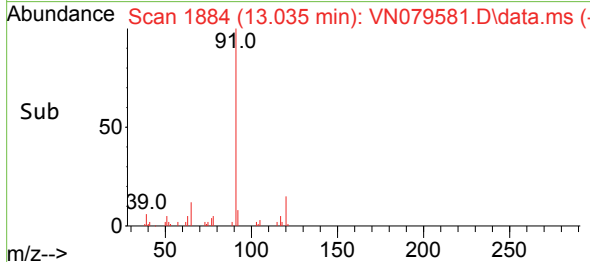
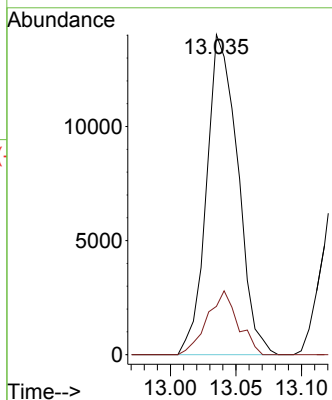
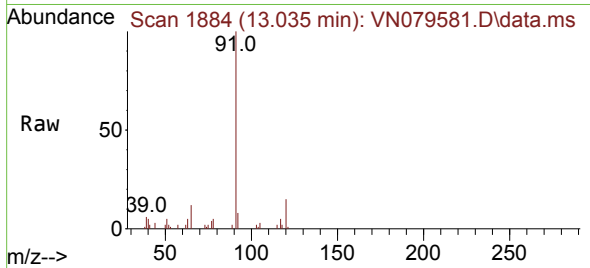




#74
n-propylbenzene
Concen: 1.838 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

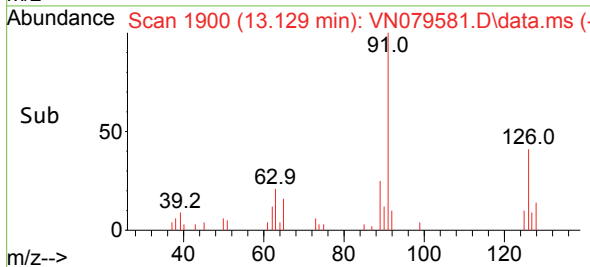
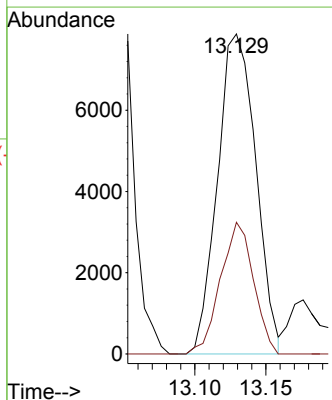
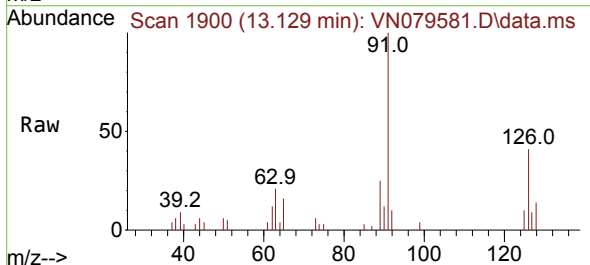
Instrument :
MSVOA_N
ClientSampleId :

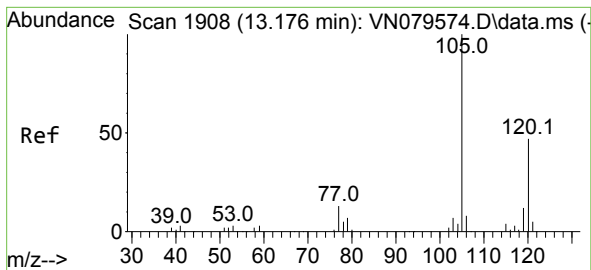
Tgt Ion: 91 Resp: 23206
Ion Ratio Lower Upper
91 100
120 19.7 0.0 42.0



#75
2-Chlorotoluene
Concen: 1.885 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 91 Resp: 14796
Ion Ratio Lower Upper
91 100
126 35.5 0.0 64.6





#76

1,3,5-Trimethylbenzene

Concen: 1.732 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

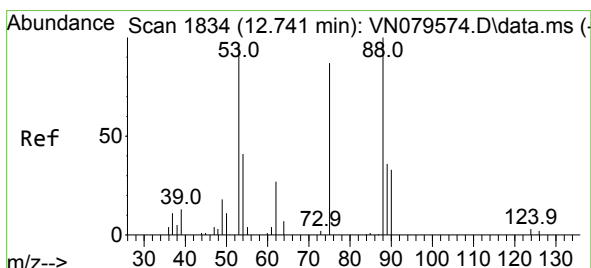
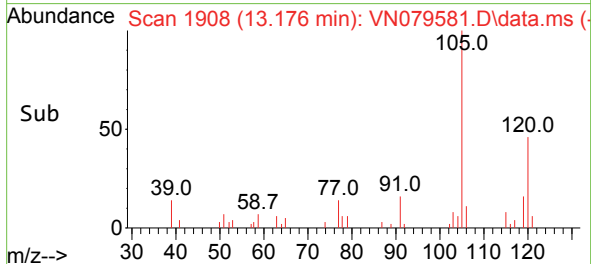
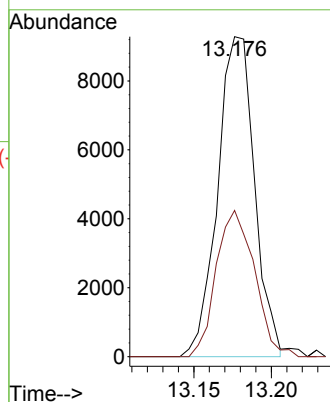
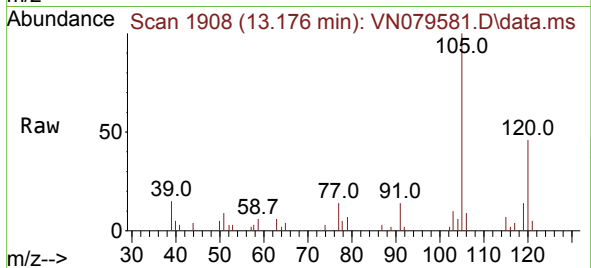
ClientSampleId :

Tgt Ion:105 Resp: 15356

Ion Ratio Lower Upper

105 100

120 47.5 0.0 93.2



#77

t-1,4-Dichloro-2-butene

Concen: 2.009 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

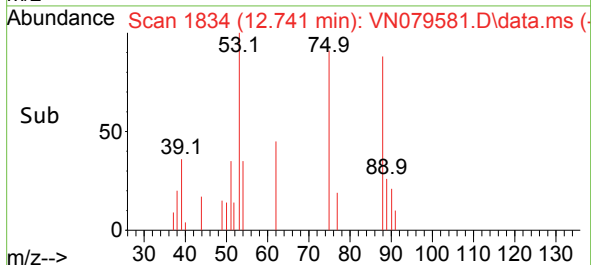
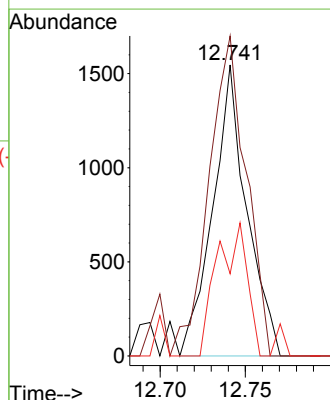
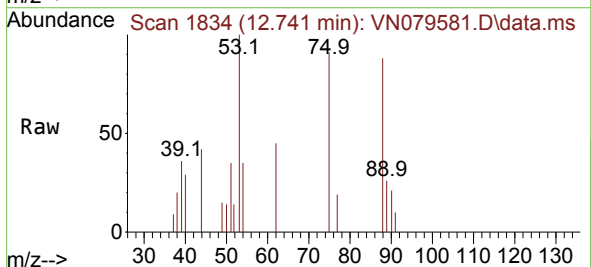
Tgt Ion: 75 Resp: 2148

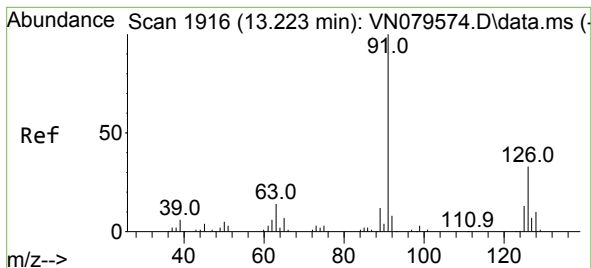
Ion Ratio Lower Upper

75 100

53 110.0 53.0 159.1

89 28.3 22.6 67.7





#78

4-Chlorotoluene

Concen: 1.775 ug/l

RT: 13.229 min Scan# 1916

Delta R.T. 0.006 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

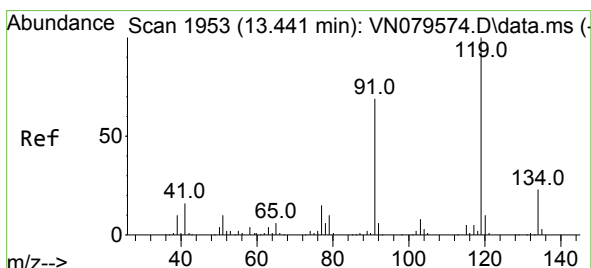
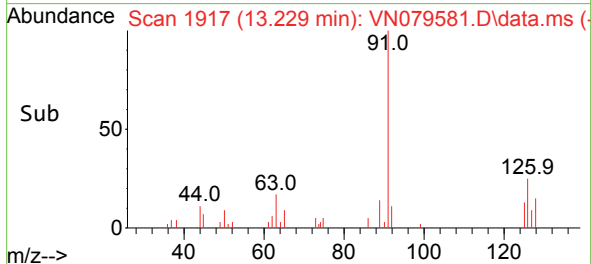
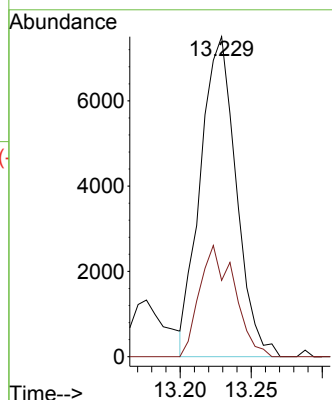
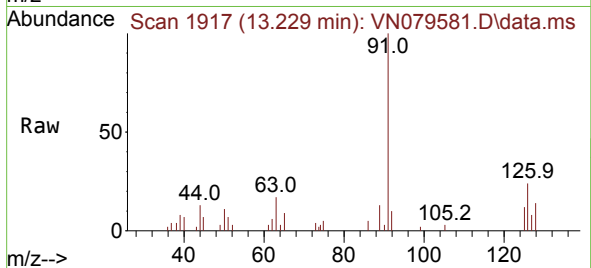
ClientSampleId :

Tgt Ion: 91 Resp: 13168

Ion Ratio Lower Upper

91 100

126 33.9 0.0 65.4



#79

tert-butylbenzene

Concen: 1.909 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

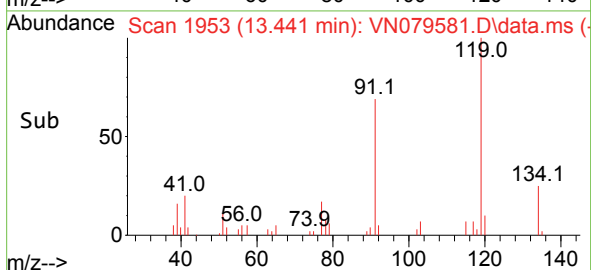
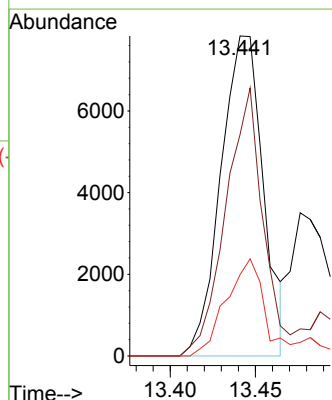
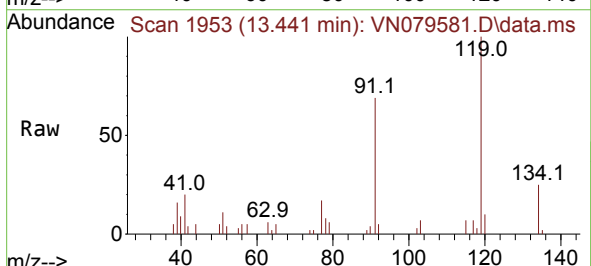
Tgt Ion: 119 Resp: 13607

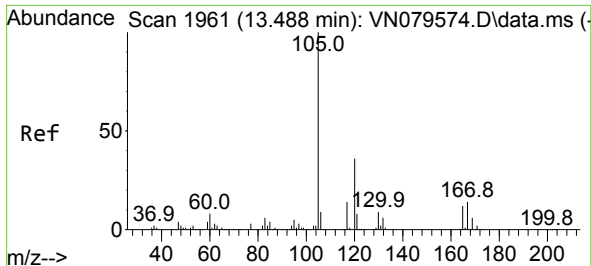
Ion Ratio Lower Upper

119 100

91 73.4 0.0 140.6

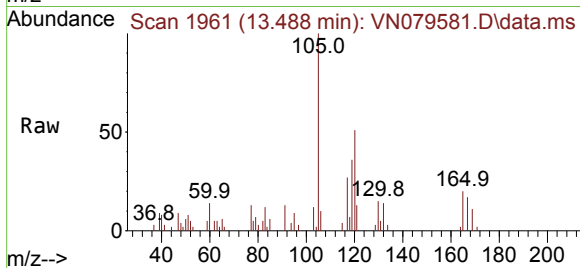
134 25.3 0.0 49.8



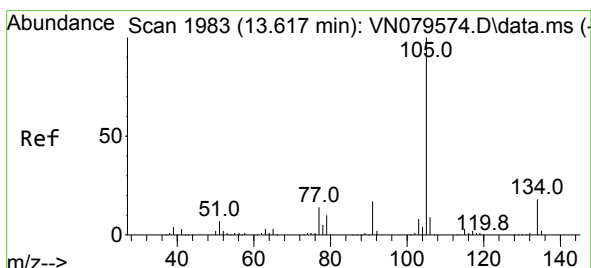
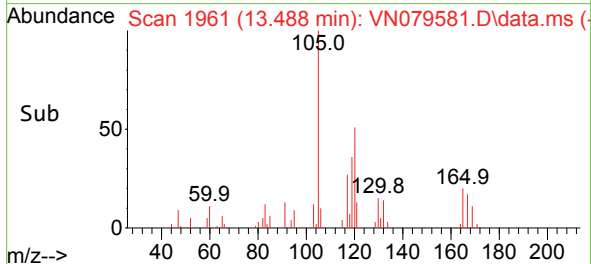
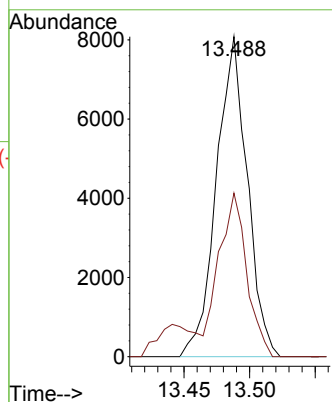


#80
1,2,4-Trimethylbenzene
Concen: 1.538 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :

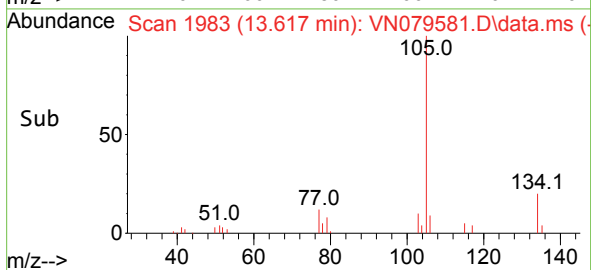
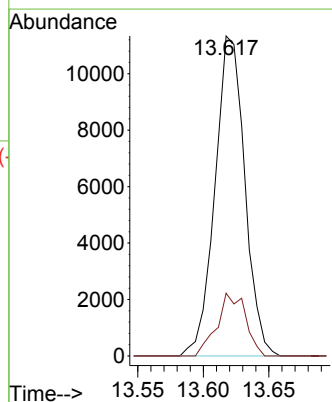
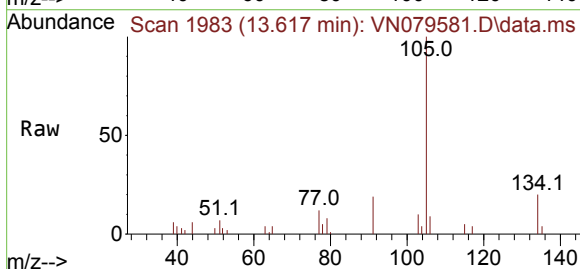


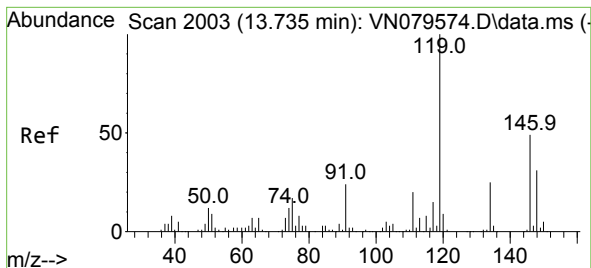
Tgt Ion:105 Resp: 13217
Ion Ratio Lower Upper
105 100
120 46.0 0.0 88.6



#81
sec-Butylbenzene
Concen: 1.793 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion:105 Resp: 17942
Ion Ratio Lower Upper
105 100
134 18.7 0.0 38.2





#82

p-Isopropyltoluene

Concen: 1.566 ug/l

RT: 13.735 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN079581.D

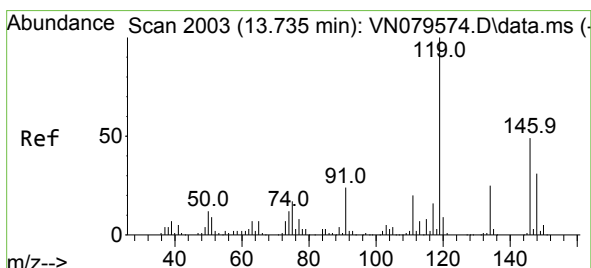
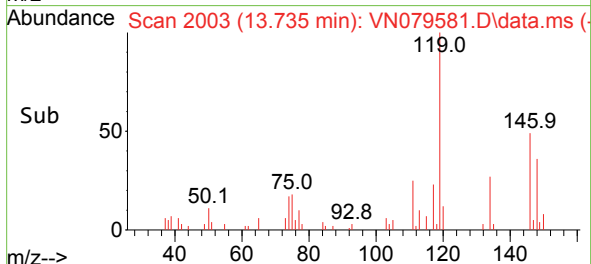
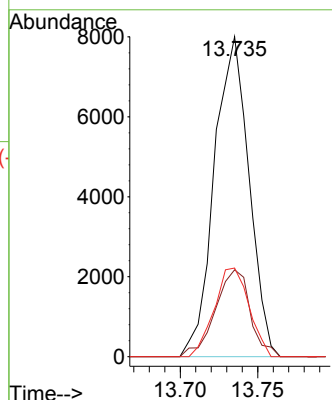
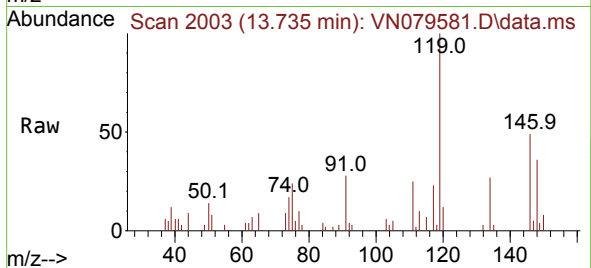
Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:119	Resp:	12436
Ion Ratio	Lower	Upper
119	100	
134	27.3	0.0 52.2
91	27.7	0.0 50.0



#83

1,3-Dichlorobenzene

Concen: 1.742 ug/l

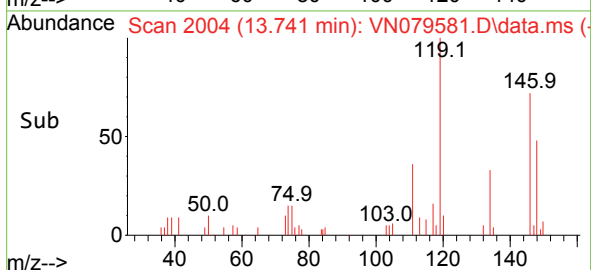
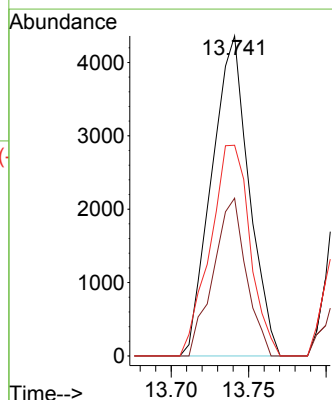
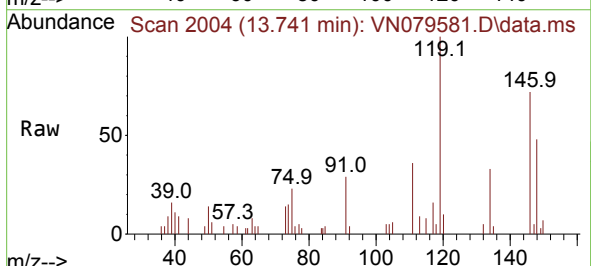
RT: 13.741 min Scan# 2004

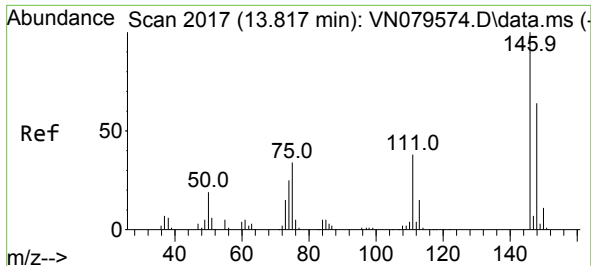
Delta R.T. 0.006 min

Lab File: VN079581.D

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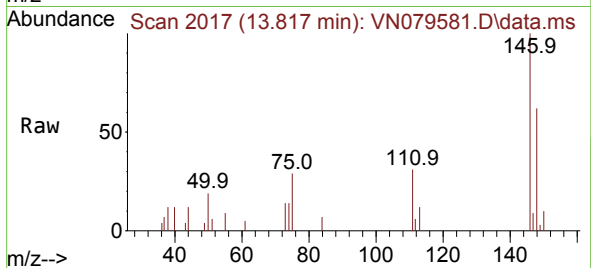
Tgt Ion:146	Resp:	7297
Ion Ratio	Lower	Upper
146	100	
111	43.5	21.0 63.0
148	70.1	32.4 97.0



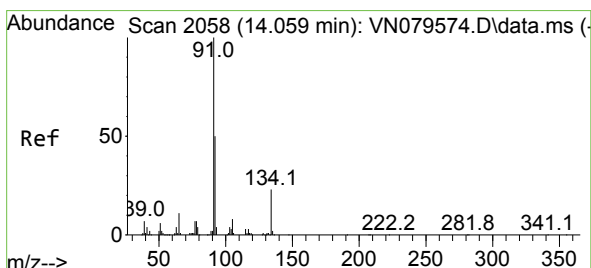
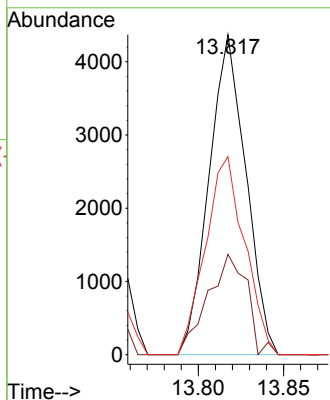
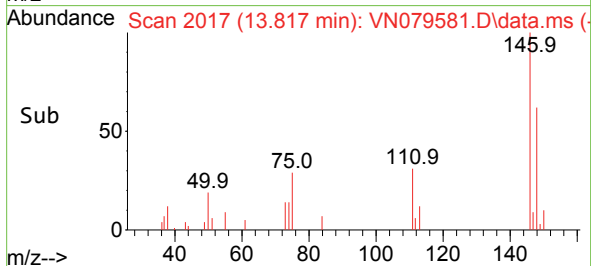


#84
1,4-Dichlorobenzene
Concen: 1.637 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Instrument :
MSVOA_N
ClientSampleId :

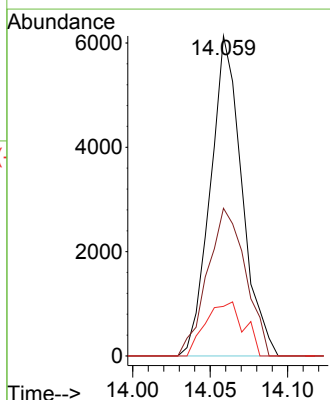
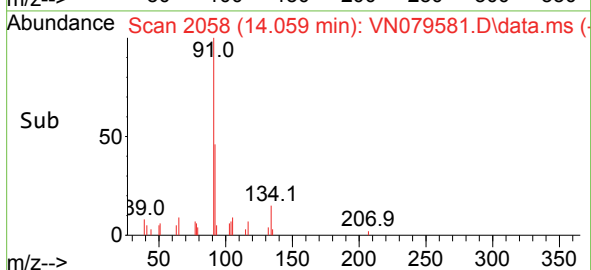
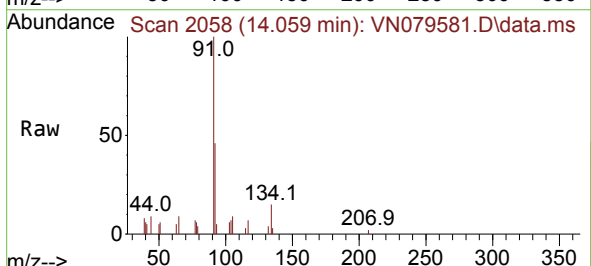


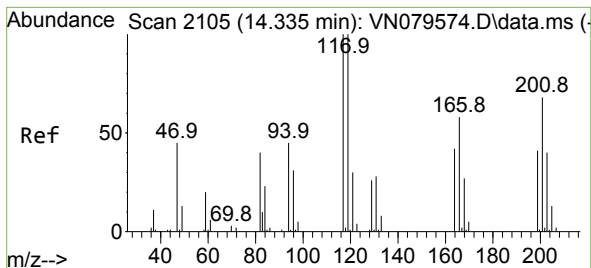
Tgt Ion:146 Resp: 6575
Ion Ratio Lower Upper
146 100
111 32.3 19.9 59.7
148 66.1 32.6 97.7



#85
n-Butylbenzene
Concen: 1.399 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion: 91 Resp: 8681
Ion Ratio Lower Upper
91 100
92 55.6 0.0 99.6
134 20.4 0.0 46.2





#86

Hexachloroethane

Concen: 2.410 ug/l

RT: 14.341 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

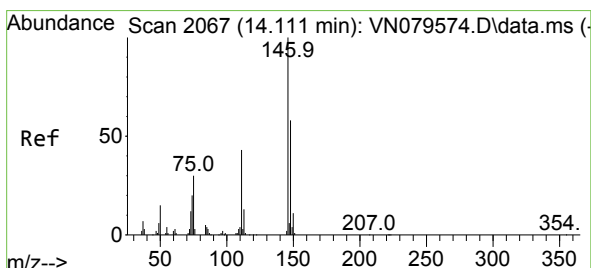
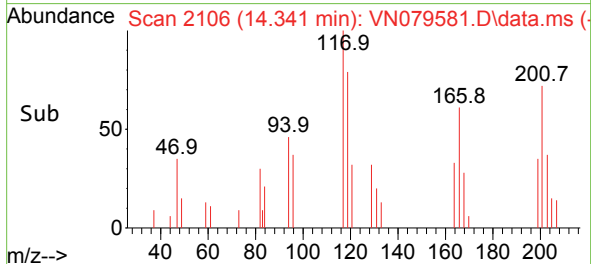
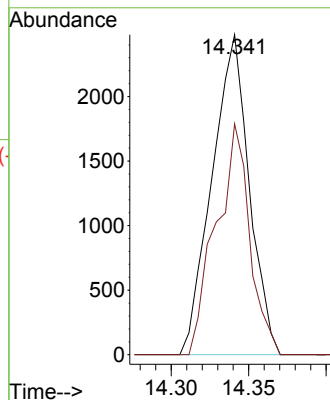
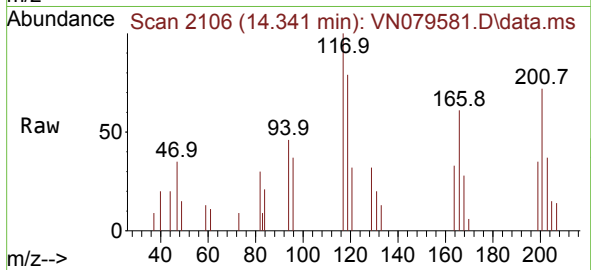
ClientSampleId :

Tgt Ion:117 Resp: 4136

Ion Ratio Lower Upper

117 100

201 65.2 32.5 97.5



#87

1,2-Dichlorobenzene

Concen: 1.813 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

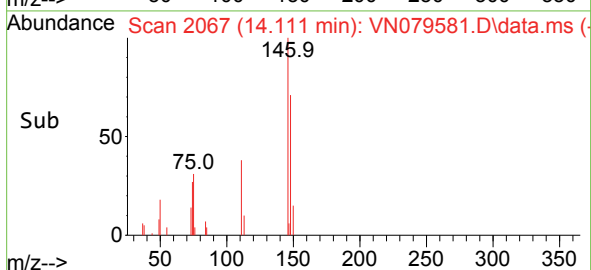
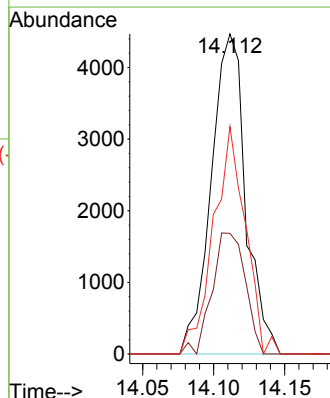
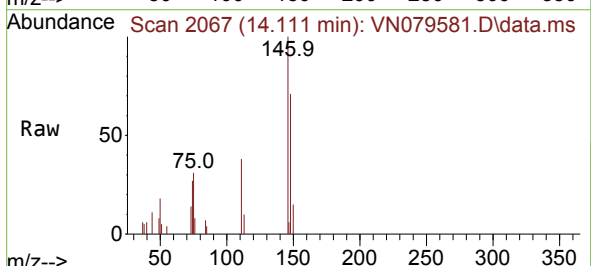
Tgt Ion:146 Resp: 7551

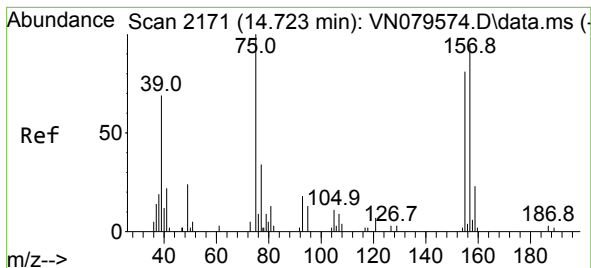
Ion Ratio Lower Upper

146 100

111 35.6 22.0 66.0

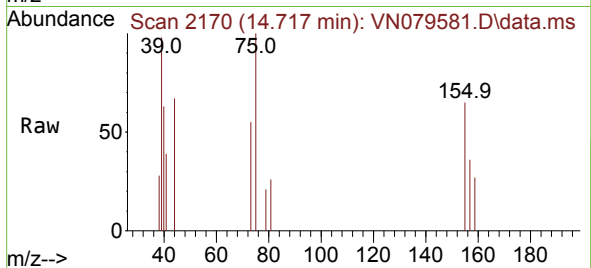
148 64.6 31.1 93.5



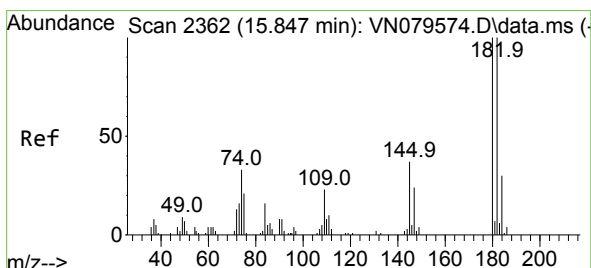
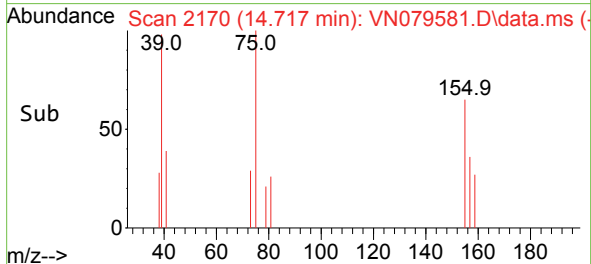
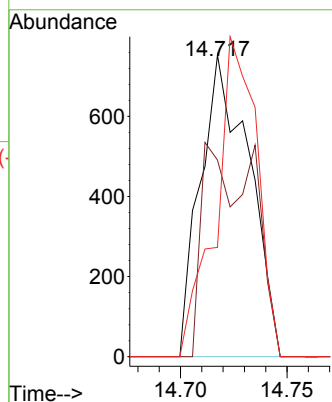


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.032 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN079581.D
 Acq: 17 Oct 2023 14:59

Instrument :
 MSVOA_N
 ClientSampleId :

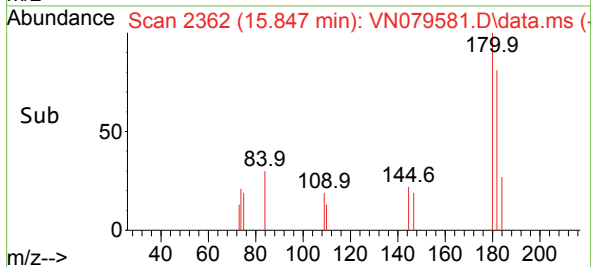
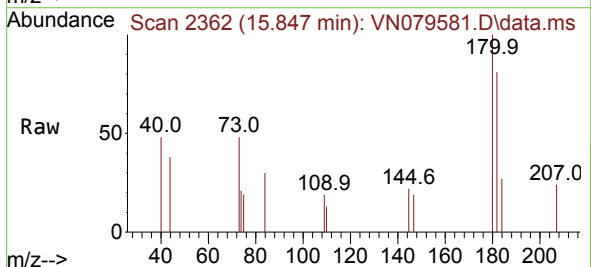
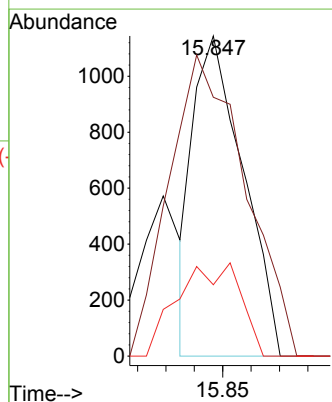


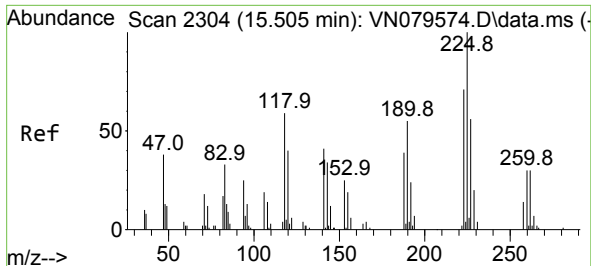
Tgt Ion: 75 Resp: 1194
 Ion Ratio Lower Upper
 75 100
 155 41.4 60.7 91.1#
 157 89.4 76.8 115.2



#89
 1,2,4-Trichlorobenzene
 Concen: 0.946 ug/l
 RT: 15.847 min Scan# 2362
 Delta R.T. 0.000 min
 Lab File: VN079581.D
 Acq: 17 Oct 2023 14:59

Tgt Ion: 180 Resp: 1388
 Ion Ratio Lower Upper
 180 100
 182 145.0 74.2 111.4#
 145 36.7 25.4 38.2

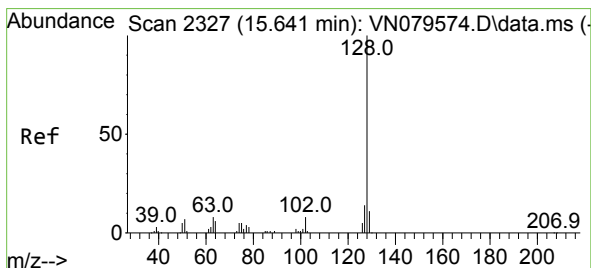
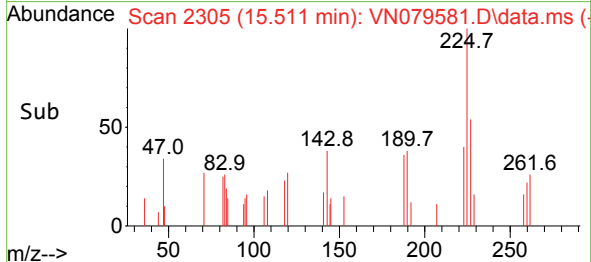
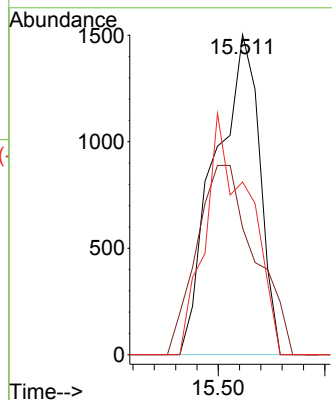
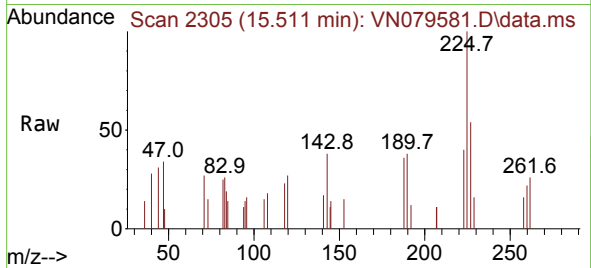




#90
Hexachlorobutadiene
Concen: 2.106 ug/l
RT: 15.511 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

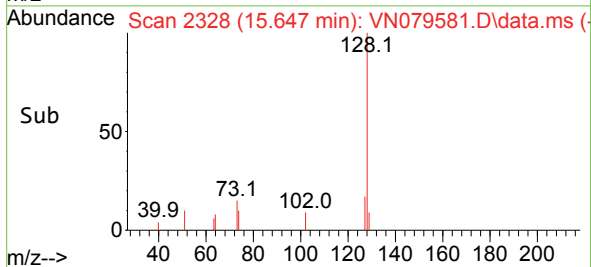
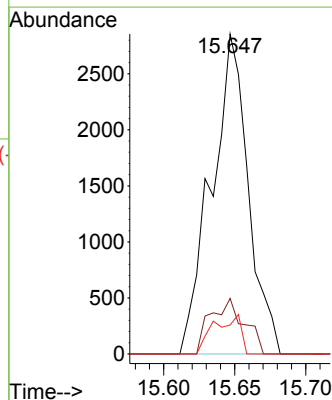
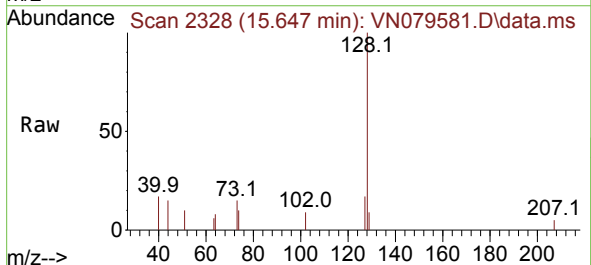
Instrument :
MSVOA_N
ClientSampleId :

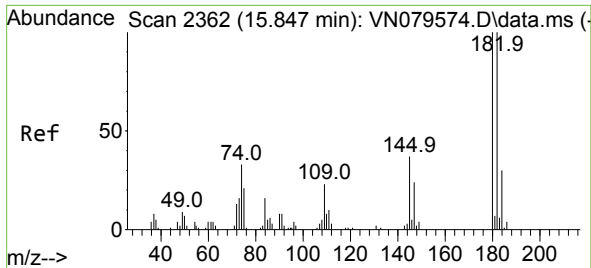
Tgt Ion:225 Resp: 2190
Ion Ratio Lower Upper
225 100
223 76.8 0.0 126.0
227 43.9 0.0 127.0



#91
Naphthalene
Concen: 1.360 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN079581.D
Acq: 17 Oct 2023 14:59

Tgt Ion:128 Resp: 5151
Ion Ratio Lower Upper
128 100
127 3.0 10.9 16.3#
129 4.2 8.6 12.8#





#92

1,2,3-Trichlorobenzene

Concen: 0.946 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.000 min

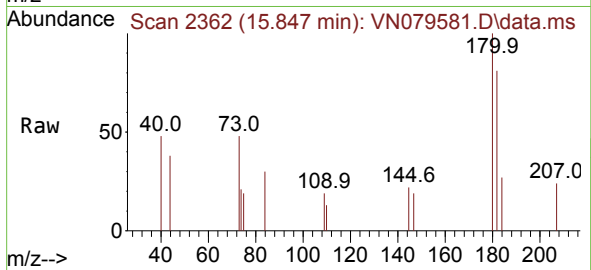
Lab File: VN079581.D

Acq: 17 Oct 2023 14:59

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1388

Ion Ratio Lower Upper

180 100

182 145.0 0.0 185.6

145 36.7 0.0 63.6

