

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079283.D
 Acq On : 15 Sep 2023 19:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:58:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	175490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	287012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120310	50.786	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.580%
35) Dibromofluoromethane	8.171	113	95135	45.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.180%
50) Toluene-d8	10.570	98	361837	46.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.853	95	118035	47.761	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	91647	52.780	ug/l	99
3) Chloromethane	2.365	50	119391	52.378	ug/l	100
4) Vinyl Chloride	2.518	62	136460	54.943	ug/l	97
5) Bromomethane	2.942	94	70743	49.553	ug/l	99
6) Chloroethane	3.118	64	95147	60.092	ug/l	98
7) Trichlorofluoromethane	3.494	101	169395	46.577	ug/l	98
8) Diethyl Ether	3.965	74	64806	51.338	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	93259	48.217	ug/l	99
10) Methyl Iodide	4.589	142	102822	64.989	ug/l	99
11) Tert butyl alcohol	5.530	59	92124	210.637	ug/l	100
12) 1,1-Dichloroethene	4.341	96	90264	48.226	ug/l #	82
13) Acrolein	4.183	56	106510	255.301	ug/l	96
14) Allyl chloride	5.030	41	146236	48.978	ug/l #	93
15) Acrylonitrile	5.724	53	289362	255.157	ug/l	99
16) Acetone	4.430	43	227713	226.331	ug/l	93
17) Carbon Disulfide	4.712	76	240340	41.085	ug/l	98
18) Methyl Acetate	5.030	43	221041	53.456	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	334969	52.183	ug/l	95
20) Methylene Chloride	5.277	84	114363	46.710	ug/l #	80
21) trans-1,2-Dichloroethene	5.794	96	102145	47.045	ug/l #	80
22) Diisopropyl ether	6.677	45	368149	56.196	ug/l #	90
23) Vinyl Acetate	6.606	43	1098166	272.534	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	209839	51.960	ug/l	98
25) 2-Butanone	7.488	43	370679	253.927	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	151166	45.614	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	124913	50.314	ug/l	88
28) Bromochloromethane	7.818	49	105099	57.559	ug/l #	73
29) Tetrahydrofuran	7.841	42	251144	270.345	ug/l #	76
30) Chloroform	7.971	83	217179	51.651	ug/l	93
31) Cyclohexane	8.265	56	168693	48.769	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	185153	51.658	ug/l	95
36) 1,1-Dichloropropene	8.377	75	157522	48.433	ug/l	94
37) Ethyl Acetate	7.565	43	156562	48.262	ug/l #	91
38) Carbon Tetrachloride	8.365	117	159174	47.293	ug/l	95
39) Methylcyclohexane	9.606	83	151608	47.257	ug/l #	87
40) Benzene	8.612	78	472551	47.462	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	86513	52.892	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	166663	48.624	ug/l	99
43) Isopropyl Acetate	8.694	43	283227	53.508	ug/l #	86
44) Trichloroethene	9.359	130	109281	44.556	ug/l	98
45) 1,2-Dichloropropane	9.623	63	125269	50.697	ug/l	96
46) Dibromomethane	9.712	93	82118	48.955	ug/l	94
47) Bromodichloromethane	9.894	83	172905	50.326	ug/l	96
48) Methyl methacrylate	9.688	41	124541	52.528	ug/l #	81
49) 1,4-Dioxane	9.700	88	44872	920.153	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	800325	260.466	ug/l	90
52) Toluene	10.635	92	291265	47.602	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	177638	49.035	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	189913	49.013	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	117549	48.960	ug/l	96
56) Ethyl methacrylate	10.876	69	173878	51.304	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	202727	48.845	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	331955	234.593	ug/l	88
59) 2-Hexanone	11.200	43	582472	261.726	ug/l	87
60) Dibromochloromethane	11.365	129	120915	47.321	ug/l	98
61) 1,2-Dibromoethane	11.470	107	114837	47.929	ug/l	99
64) Tetrachloroethene	11.106	164	87063	41.601	ug/l	98
65) Chlorobenzene	11.894	112	300770	46.258	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	113698	46.633	ug/l	98
67) Ethyl Benzene	11.970	91	554089	49.822	ug/l	98
68) m/p-Xylenes	12.076	106	415481	100.229	ug/l	95
69) o-Xylene	12.406	106	201318	50.638	ug/l	92
70) Styrene	12.417	104	336497	52.626	ug/l	99
71) Bromoform	12.582	173	81487	45.272	ug/l #	98
73) Isopropylbenzene	12.700	105	517041	44.839	ug/l	99
74) N-amyl acetate	12.500	43	213005	48.689	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	175642	40.905	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	207244	60.672	ug/l	71
77) Bromobenzene	12.982	156	116919	40.043	ug/l	94
78) n-propylbenzene	13.041	91	616859	47.621	ug/l	97
79) 2-Chlorotoluene	13.129	91	365947	43.194	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	429320	44.682	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	51213	41.218	ug/l #	79
82) 4-Chlorotoluene	13.223	91	354565	44.538	ug/l	99
83) tert-Butylbenzene	13.441	119	345923	43.520	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	424969	46.442	ug/l	99
85) sec-Butylbenzene	13.623	105	497816	45.492	ug/l	100
86) p-Isopropyltoluene	13.735	119	399911	45.743	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	207505	43.329	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	199149	41.153	ug/l	99
89) n-Butylbenzene	14.059	91	324147	47.150	ug/l	98
90) Hexachloroethane	14.341	117	76527	43.105	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	203468	43.038	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27919	42.771	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	71208	41.913	ug/l	97
94) Hexachlorobutadiene	15.500	225	44642	33.403	ug/l	98
95) Naphthalene	15.647	128	201587	39.950	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	76498	38.172	ug/l	99

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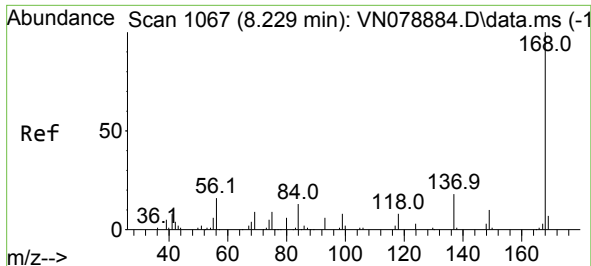
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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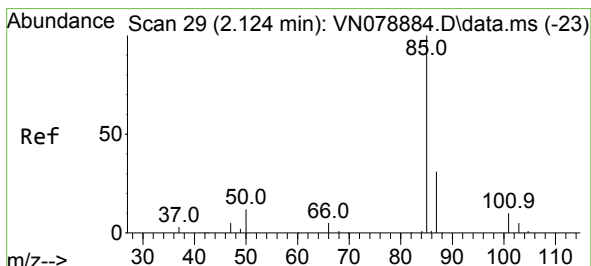
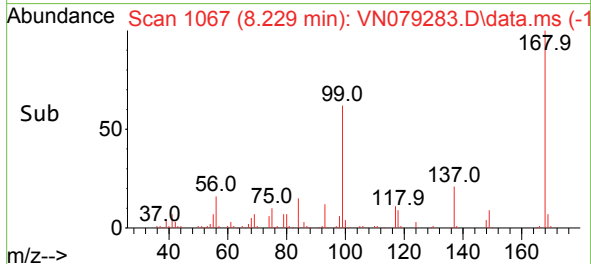
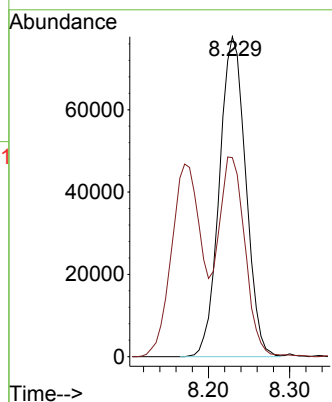
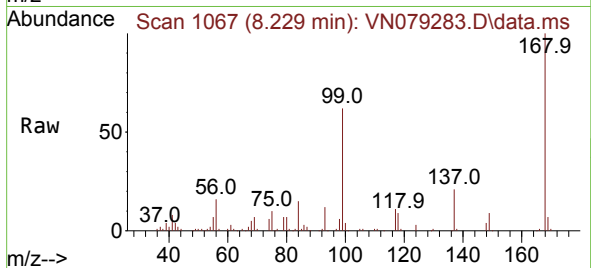




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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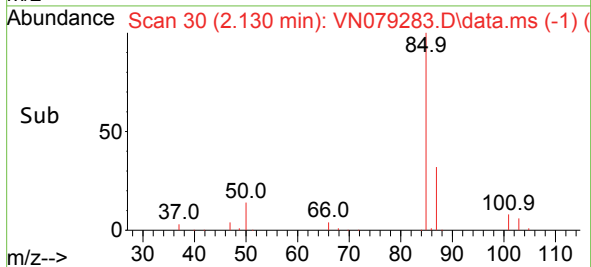
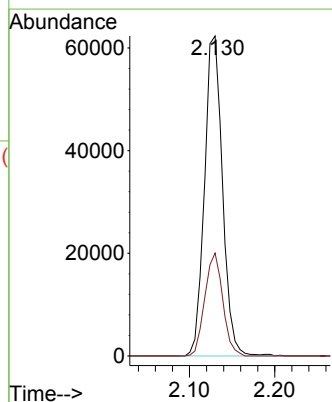
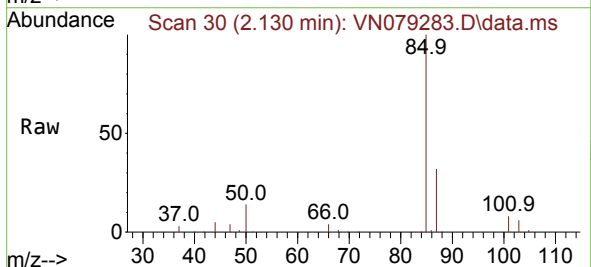
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MSVOA_N
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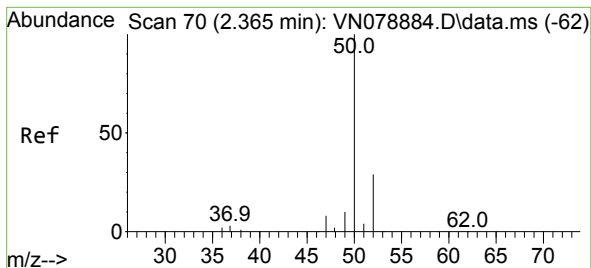
Tgt Ion:168 Resp: 175490
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 52.780 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 85 Resp: 91647
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3

Chloromethane

Concen: 52.378 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

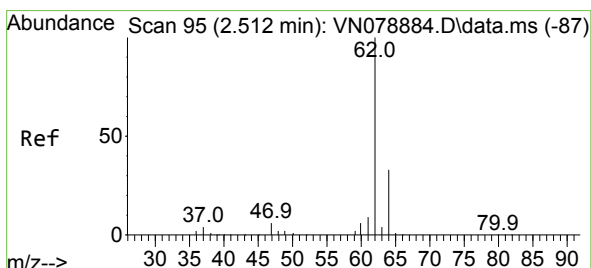
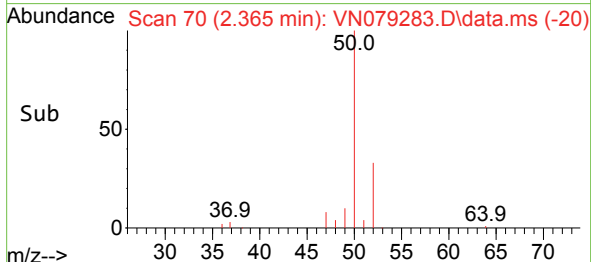
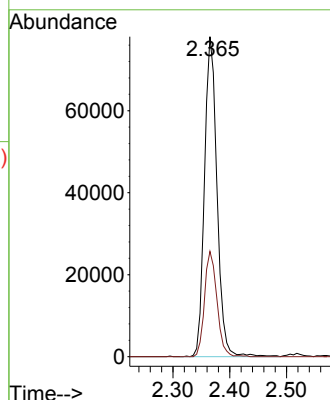
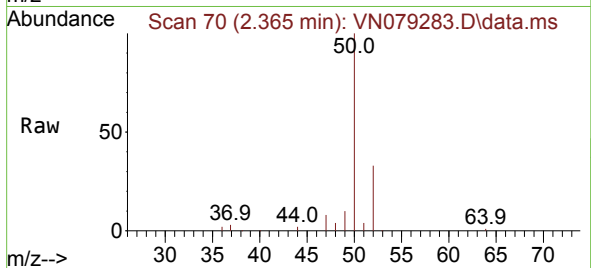
ClientSampleId :

Tgt Ion: 50 Resp: 119391

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 54.943 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079283.D

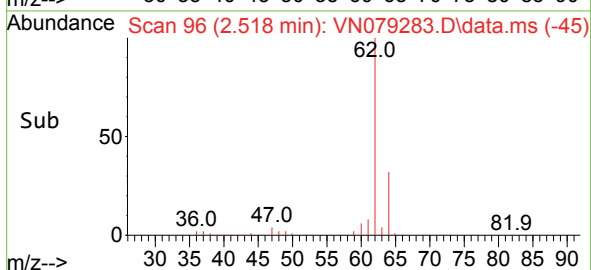
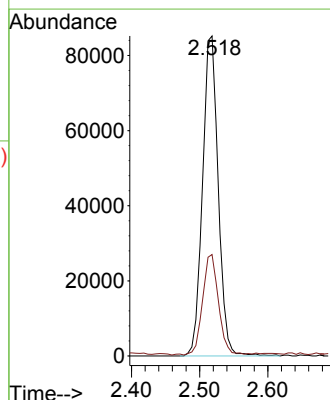
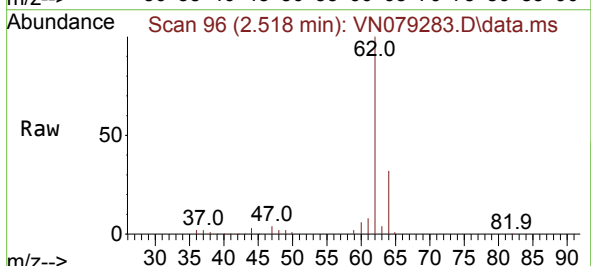
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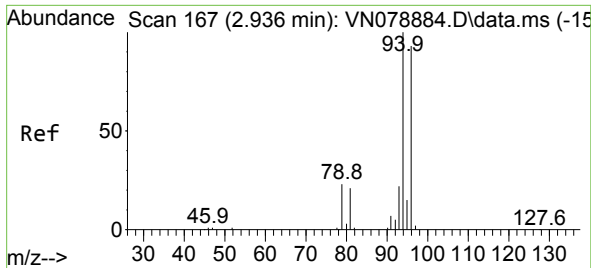
Tgt Ion: 62 Resp: 136460

Ion Ratio Lower Upper

62 100

64 31.1 26.2 39.2

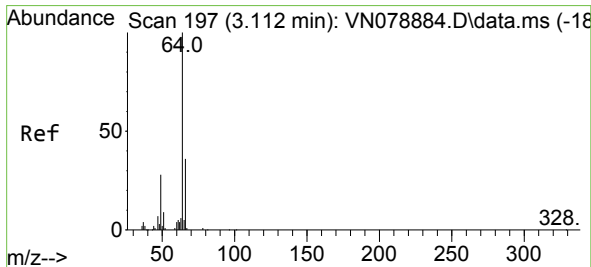
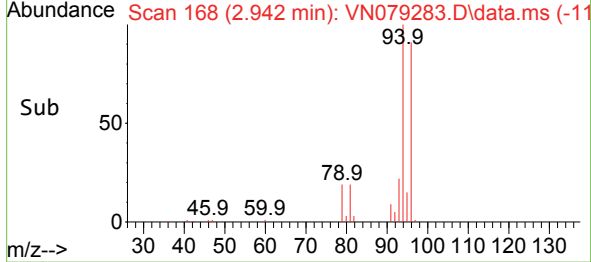
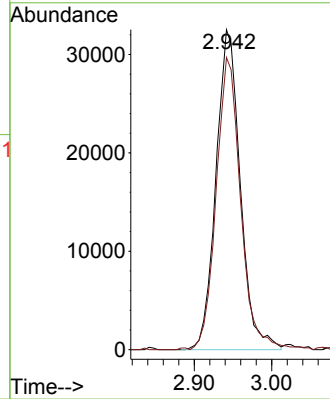
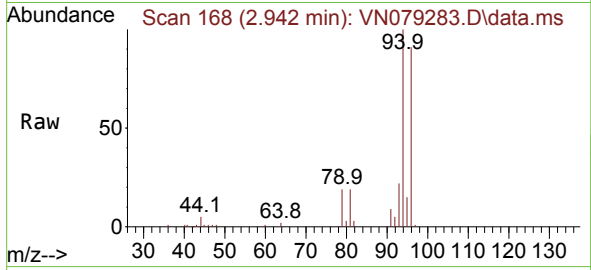




#5
Bromomethane
Concen: 49.553 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
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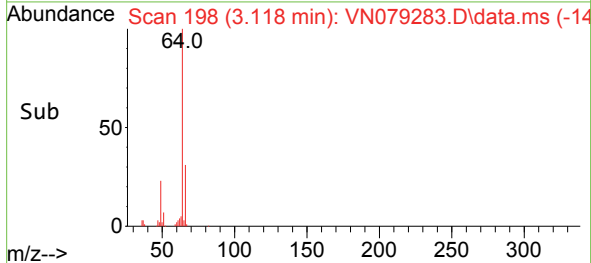
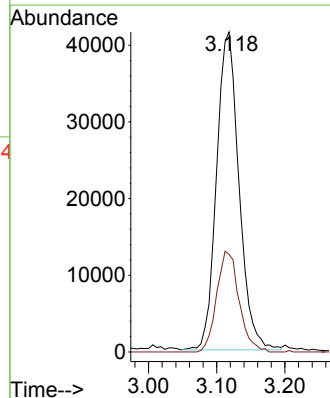
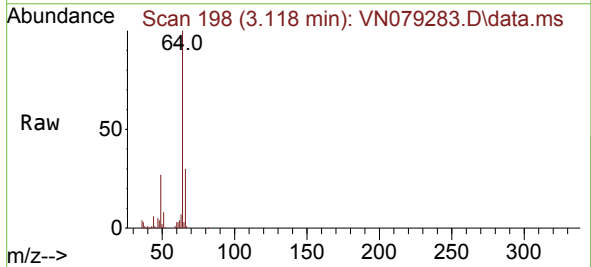
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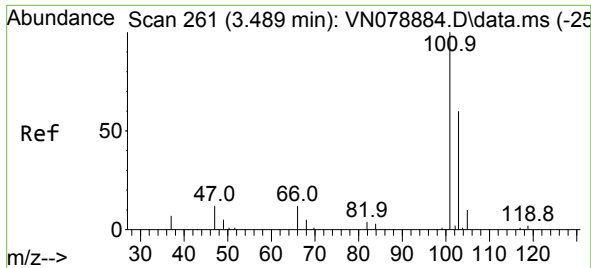
Tgt Ion: 94 Resp: 70743
Ion Ratio Lower Upper
94 100
96 90.8 73.1 109.7



#6
Chloroethane
Concen: 60.092 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 64 Resp: 95147
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.2

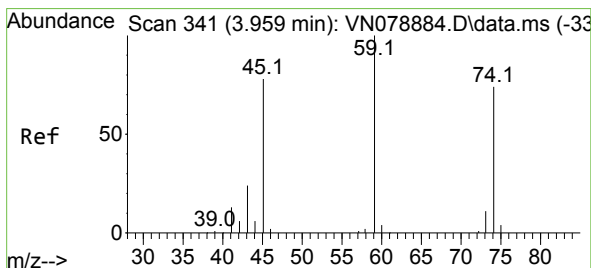
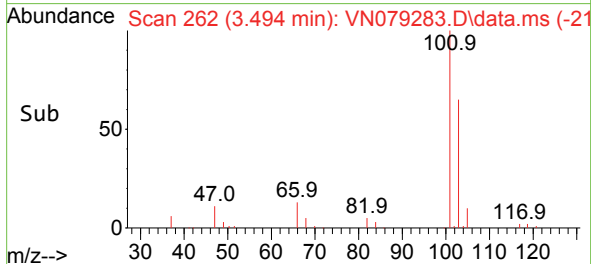
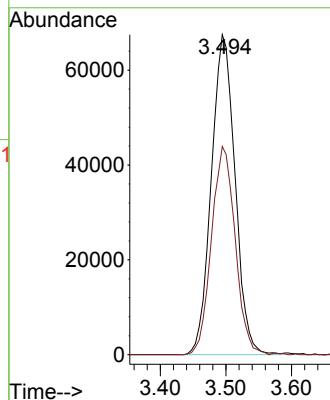
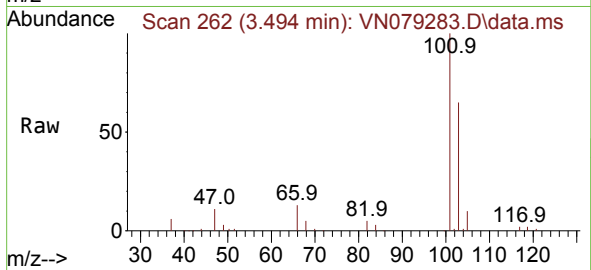




#7
Trichlorofluoromethane
Concen: 46.577 ug/l
RT: 3.494 min Scan# 20
Delta R.T. -0.007 min
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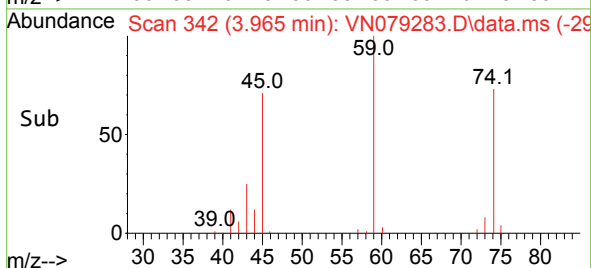
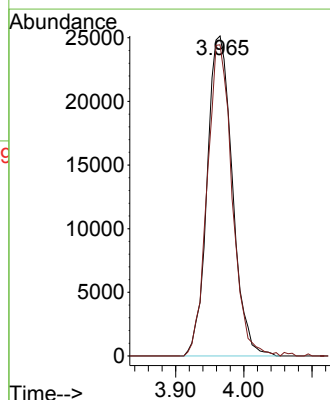
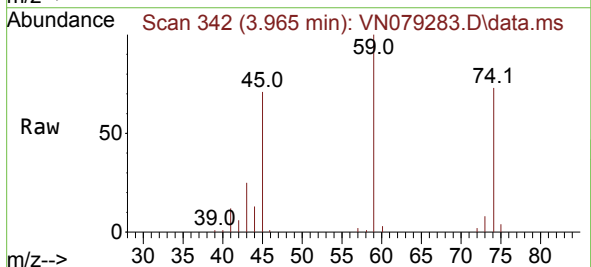
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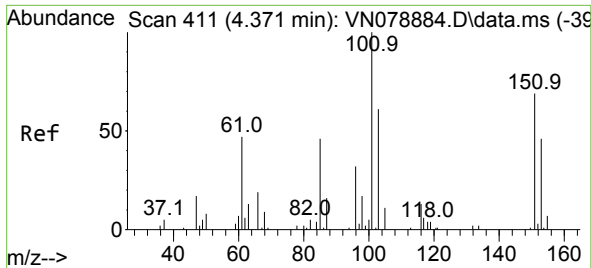
Tgt Ion:101 Resp: 169395
Ion Ratio Lower Upper
101 100
103 65.1 50.7 76.1



#8
Diethyl Ether
Concen: 51.338 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 74 Resp: 64806
Ion Ratio Lower Upper
74 100
45 96.0 34.4 103.3

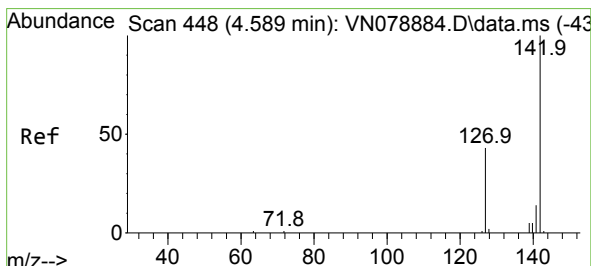
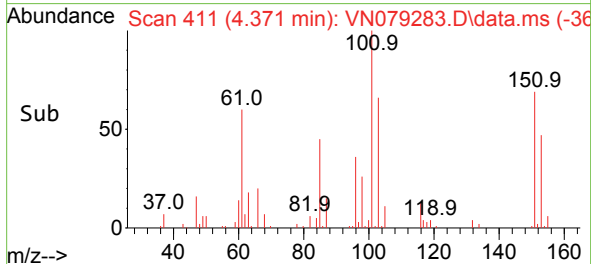
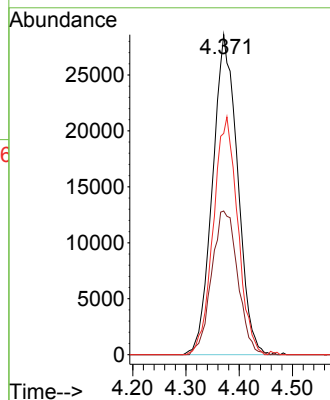
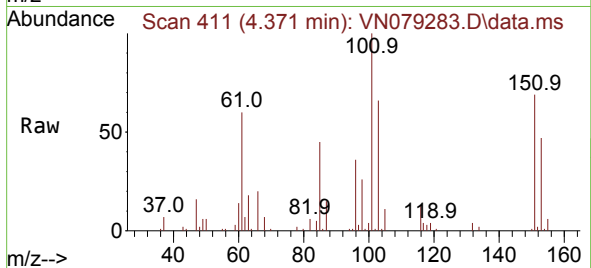




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.217 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
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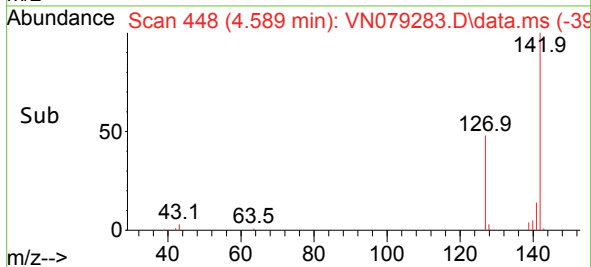
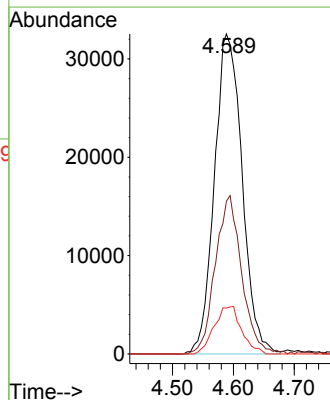
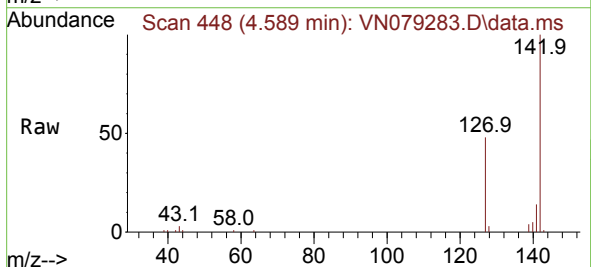
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MSVOA_N
ClientSampleId :

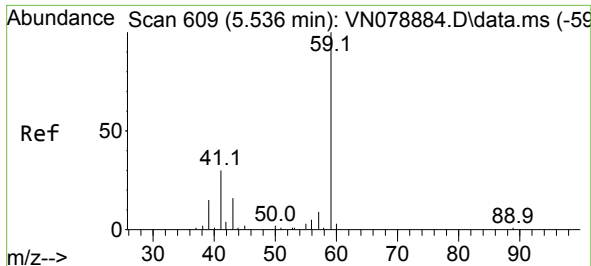
Tgt Ion:101 Resp: 93259
Ion Ratio Lower Upper
101 100
85 46.9 36.6 55.0
151 72.4 57.6 86.4



#10
Methyl Iodide
Concen: 64.989 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion:142 Resp: 102822
Ion Ratio Lower Upper
142 100
127 47.8 37.6 56.4
141 14.4 11.4 17.0

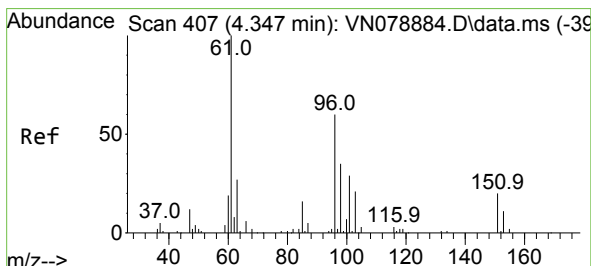
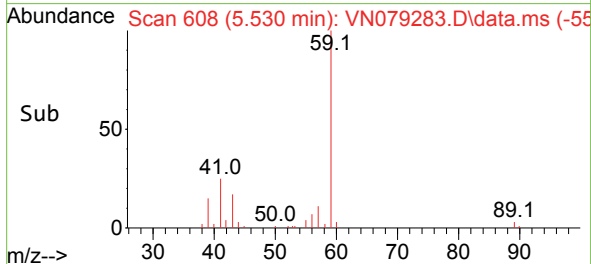
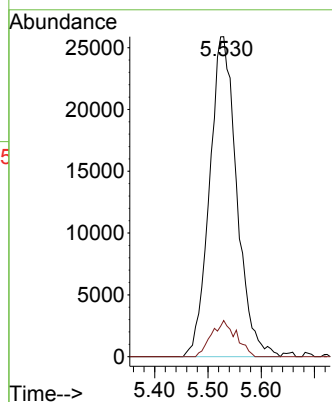
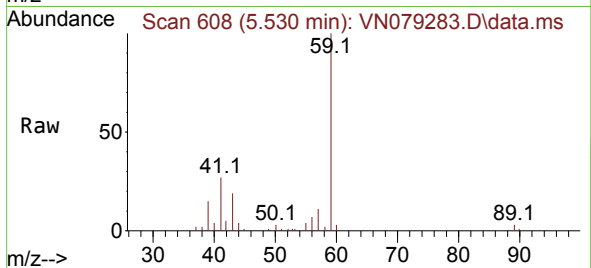




#11
Tert butyl alcohol
Concen: 210.637 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

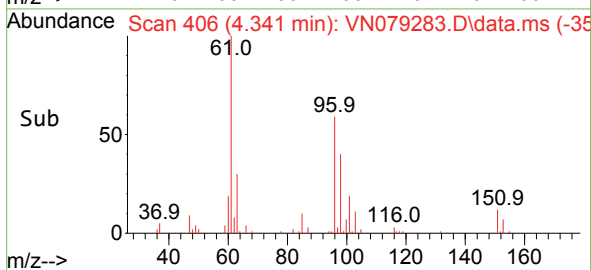
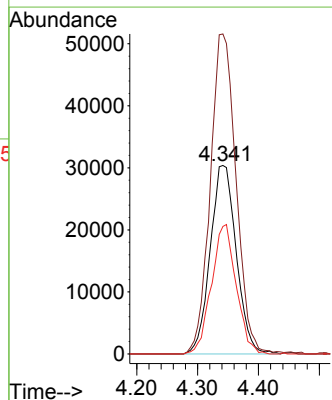
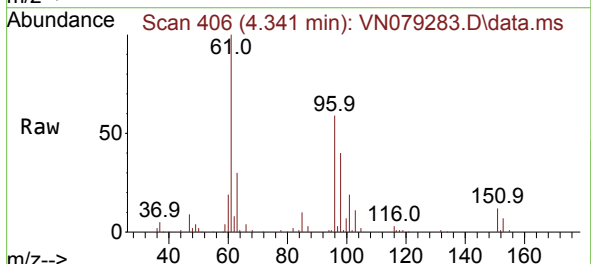
Instrument :
MSVOA_N
ClientSampleId :

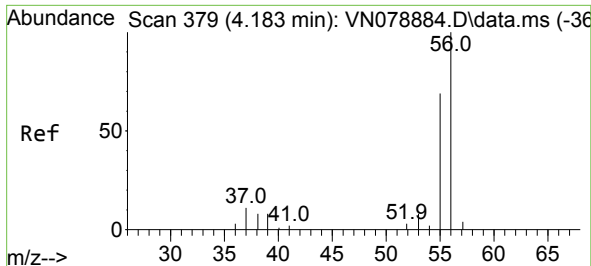
Tgt Ion: 59 Resp: 92124
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.226 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

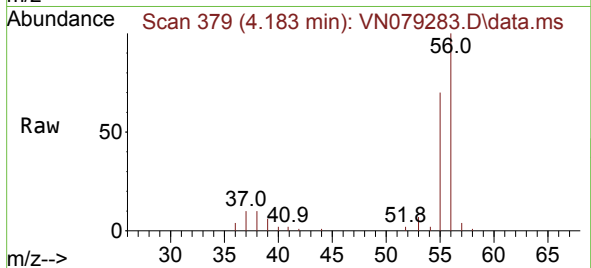
Tgt Ion: 96 Resp: 90264
Ion Ratio Lower Upper
96 100
61 169.7 112.7 169.1#
98 67.6 51.2 76.8



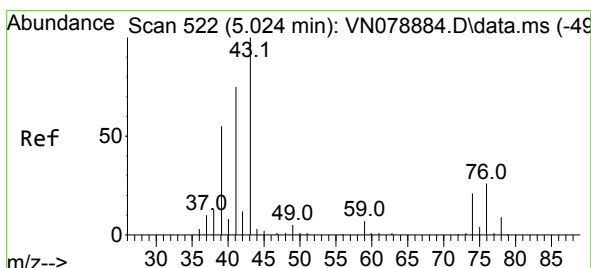
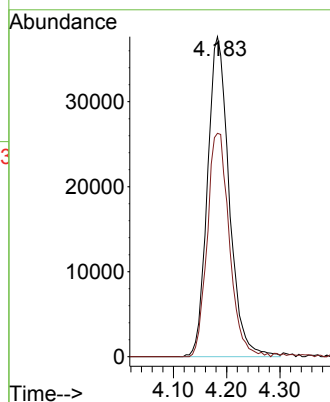
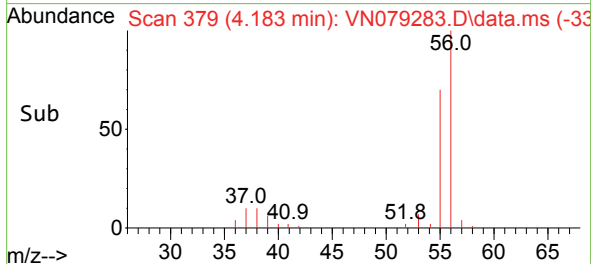


#13
Acrolein
Concen: 255.301 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

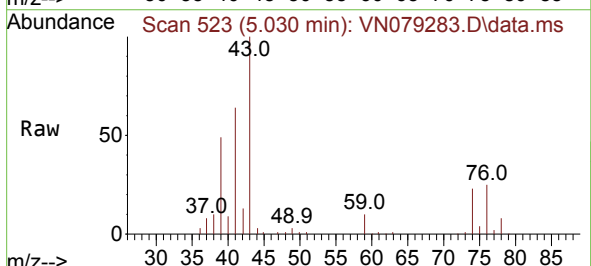
Instrument :
MSVOA_N
ClientSampleId :



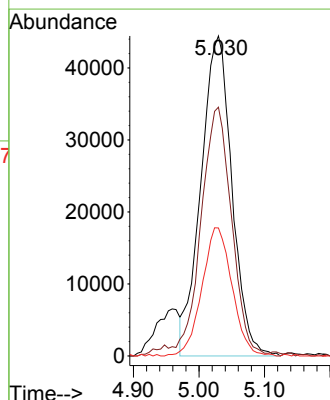
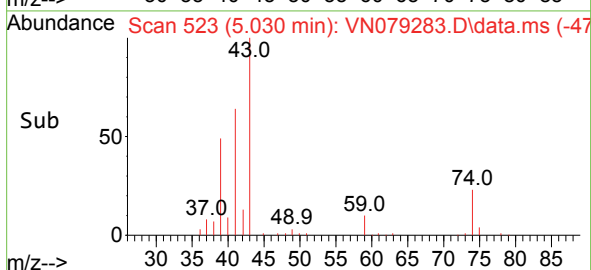
Tgt Ion: 56 Resp: 106510
Ion Ratio Lower Upper
56 100
55 71.0 54.5 81.7

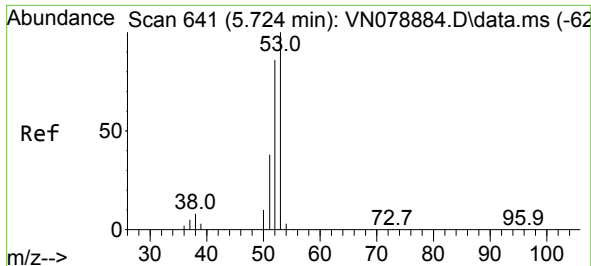


#14
Allyl chloride
Concen: 48.978 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43



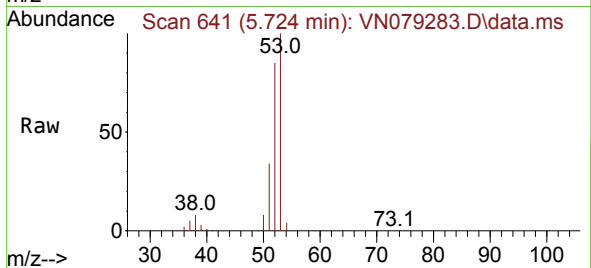
Tgt Ion: 41 Resp: 146236
Ion Ratio Lower Upper
41 100
39 75.0 58.8 88.2
76 38.9 39.1 58.7#



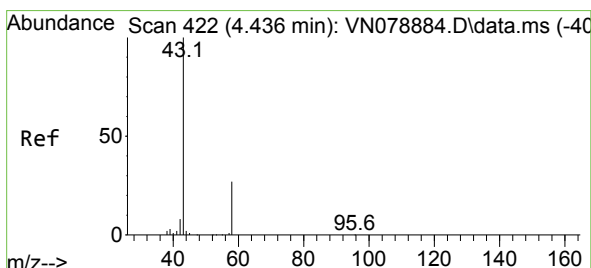
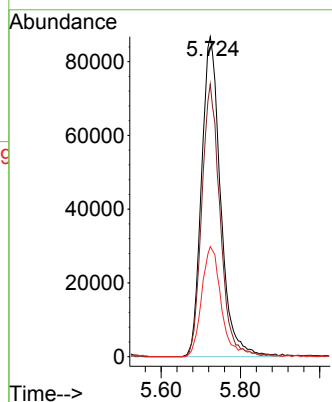
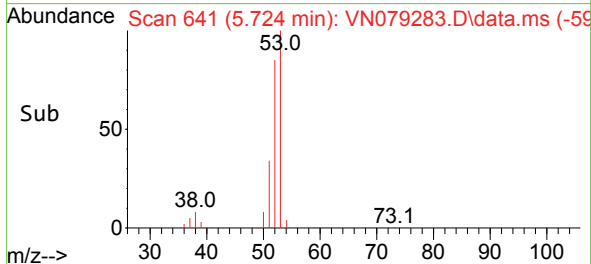


#15
Acrylonitrile
Concen: 255.157 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :

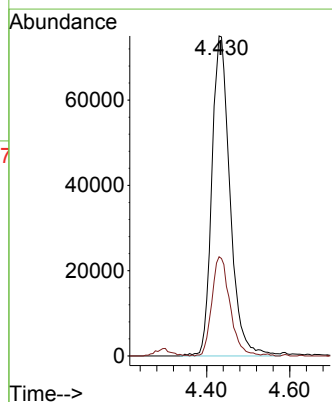
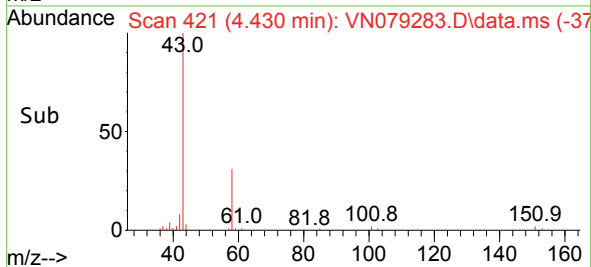
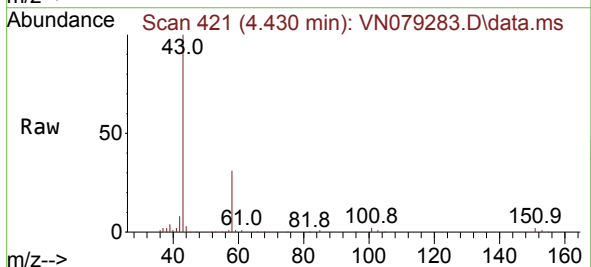


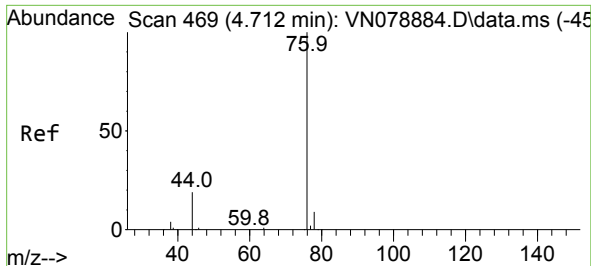
Tgt Ion: 53 Resp: 289362
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 35.7 28.9 43.3



#16
Acetone
Concen: 226.331 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 43 Resp: 227713
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0

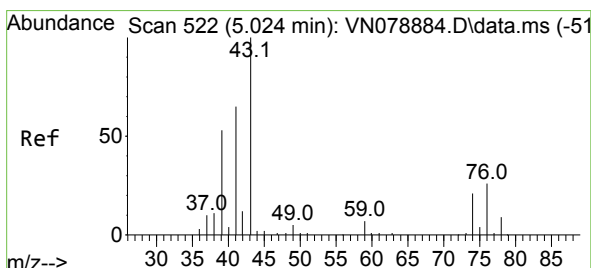
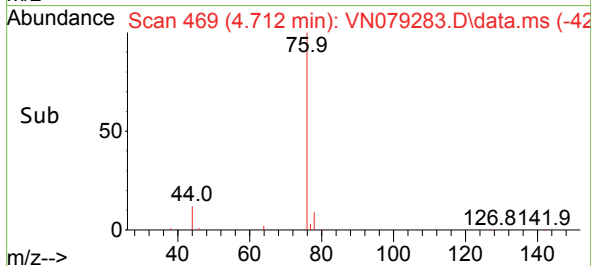
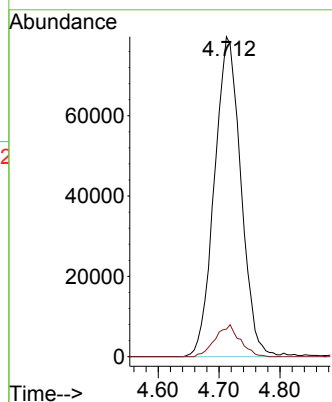
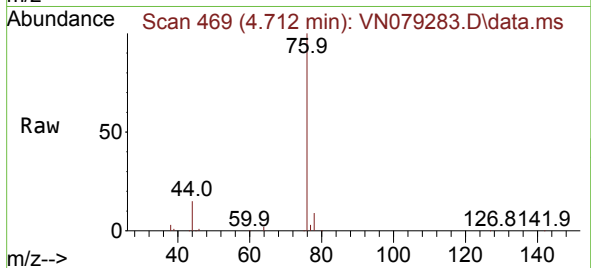




#17
Carbon Disulfide
Concen: 41.085 ug/l
RT: 4.712 min Scan# 410
Delta R.T. -0.012 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

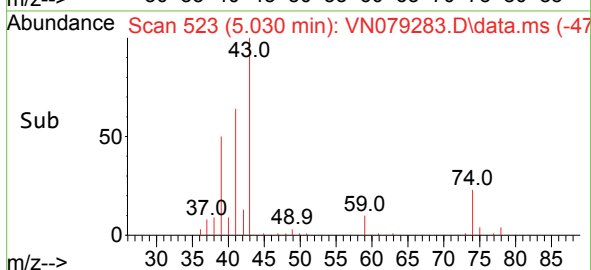
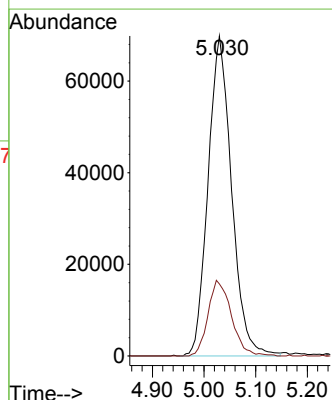
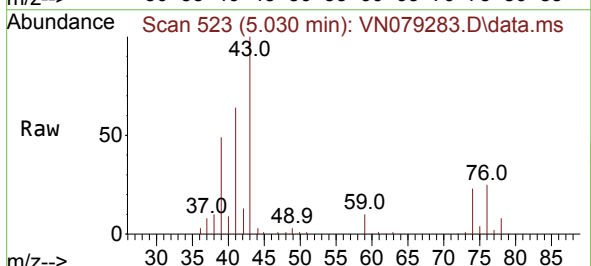
Instrument :
MSVOA_N
ClientSampleId :

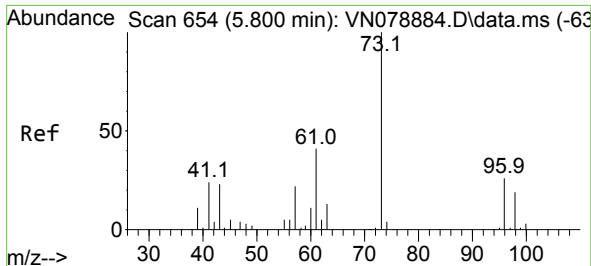
Tgt Ion: 76 Resp: 240340
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 53.456 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 43 Resp: 221041
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#

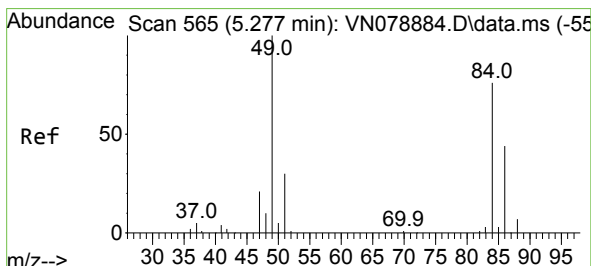
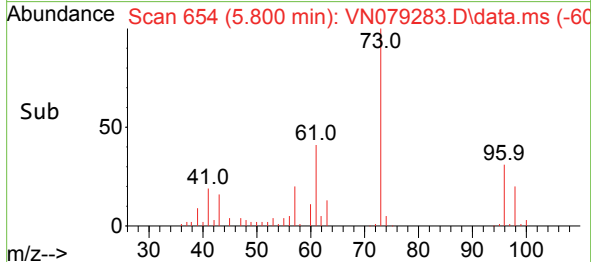
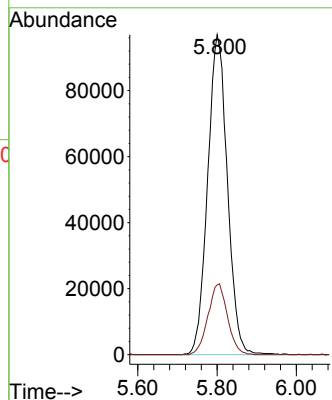
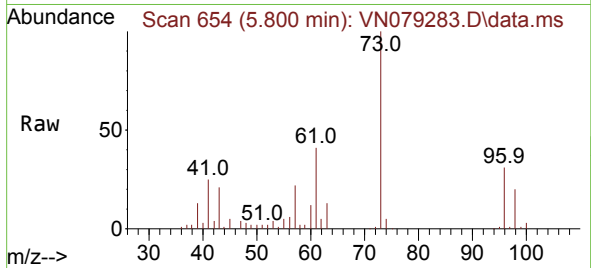




#19
Methyl tert-butyl Ether
Concen: 52.183 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

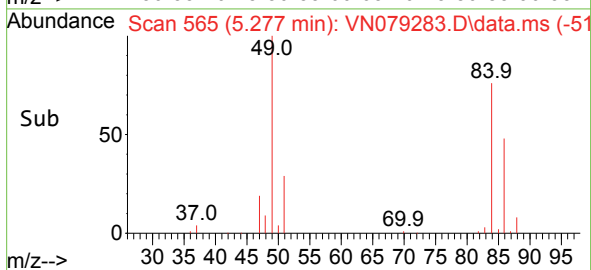
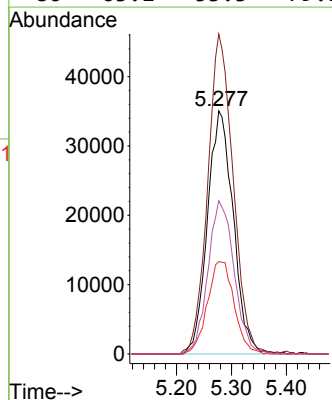
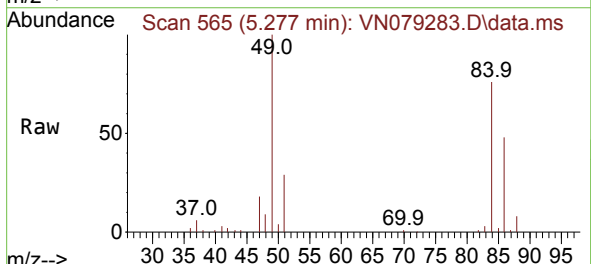
Instrument :
MSVOA_N
ClientSampleId :

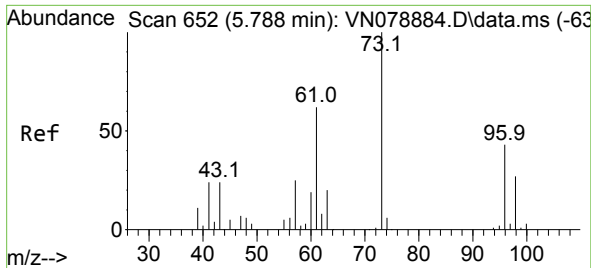
Tgt Ion: 73 Resp: 334969
Ion Ratio Lower Upper
73 100
57 21.8 15.6 23.4



#20
Methylene Chloride
Concen: 46.710 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 84 Resp: 114363
Ion Ratio Lower Upper
84 100
49 131.7 79.7 119.5#
51 38.0 25.2 37.8#
86 63.1 53.3 79.9

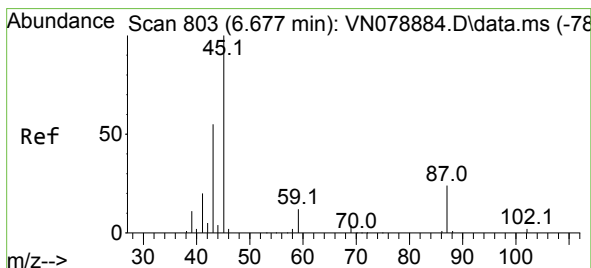
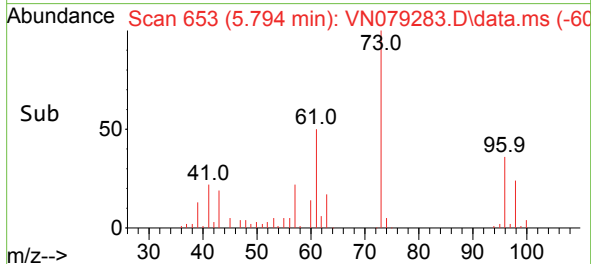
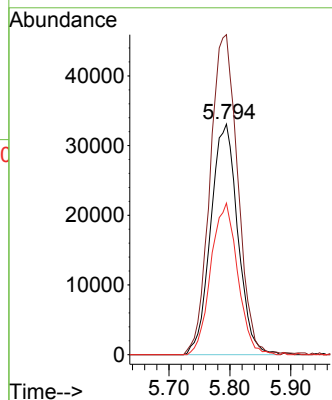
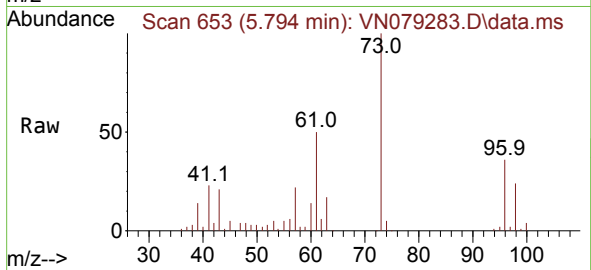




#21
trans-1,2-Dichloroethene
Concen: 47.045 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

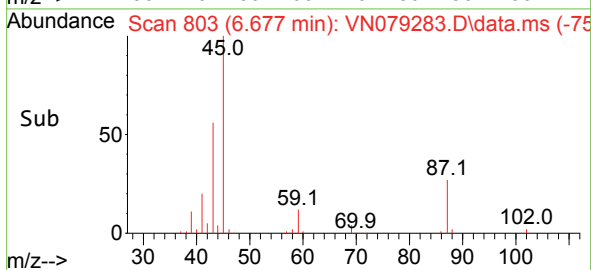
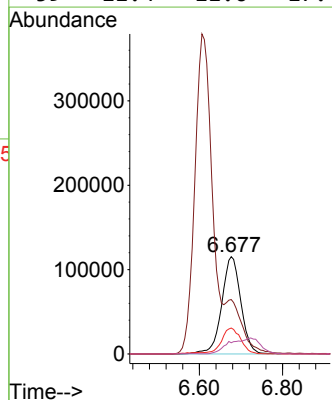
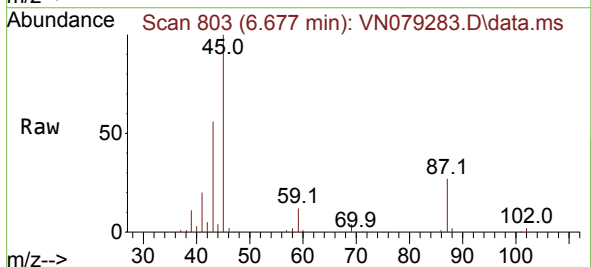
Instrument :
MSVOA_N
ClientSampleId :

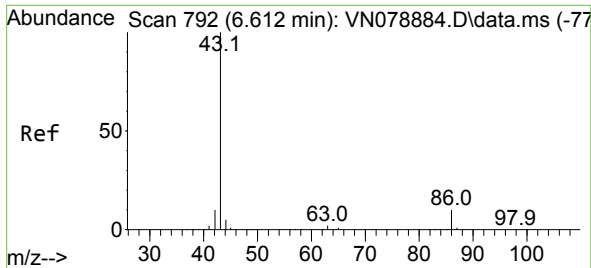
Tgt Ion: 96 Resp: 102145
Ion Ratio Lower Upper
96 100
61 138.8 90.1 135.1#
98 65.8 46.4 69.6



#22
Diisopropyl ether
Concen: 56.196 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 45 Resp: 368149
Ion Ratio Lower Upper
45 100
43 55.0 45.5 68.3
87 26.5 31.8 47.8#
59 11.4 11.6 17.4#

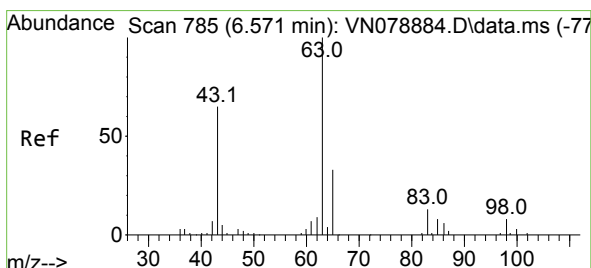
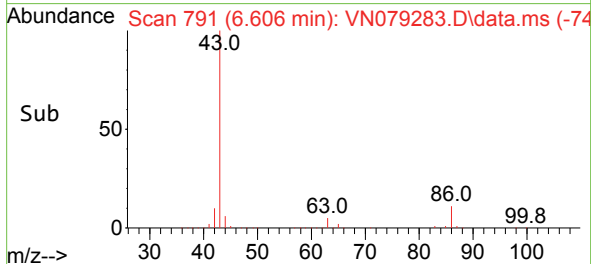
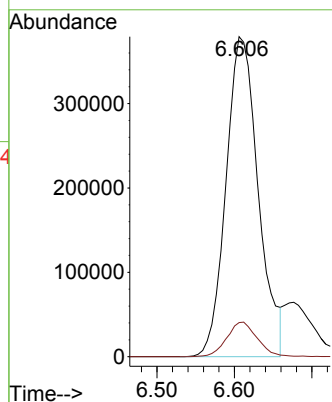
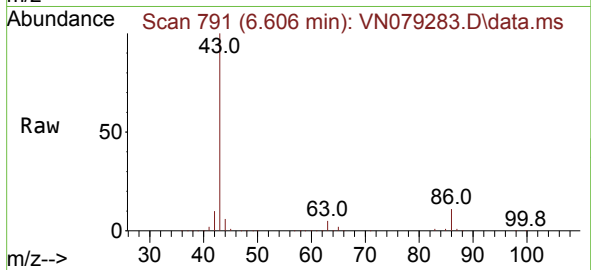




#23
 Vinyl Acetate
 Concen: 272.534 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079283.D
 Acq: 15 Sep 2023 19:43

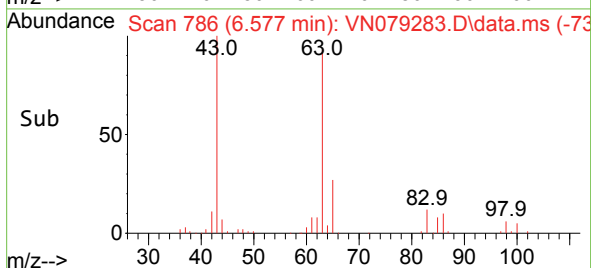
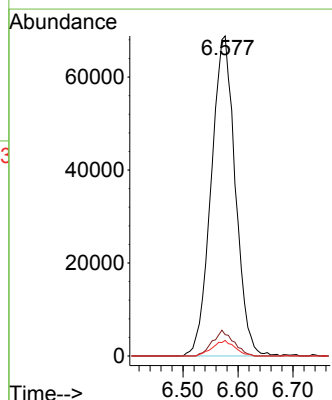
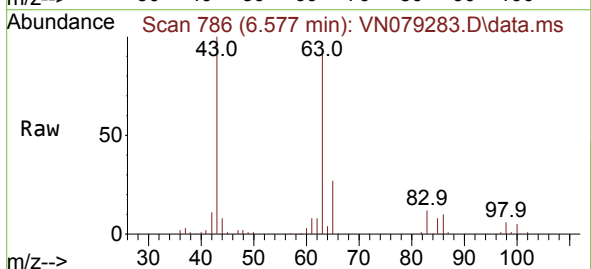
Instrument :
 MSVOA_N
 ClientSampleId :

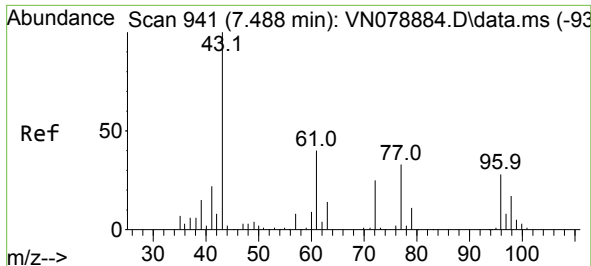
Tgt Ion: 43 Resp: 1098166
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 51.960 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079283.D
 Acq: 15 Sep 2023 19:43

Tgt Ion: 63 Resp: 209839
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.9 2.5 7.4

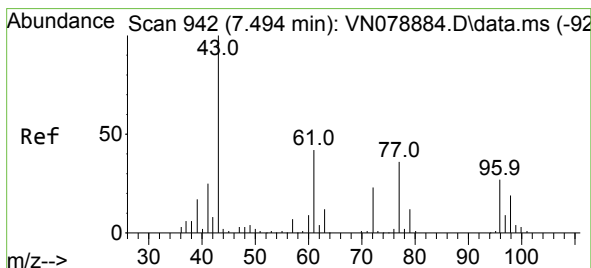
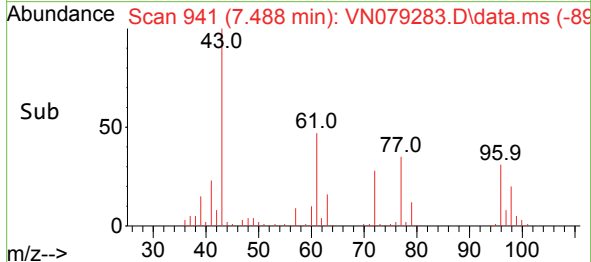
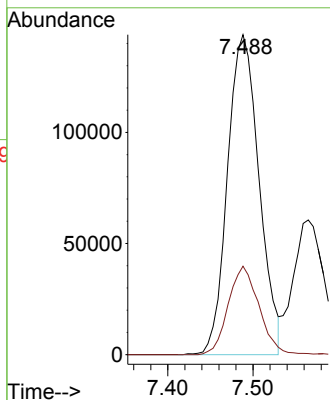
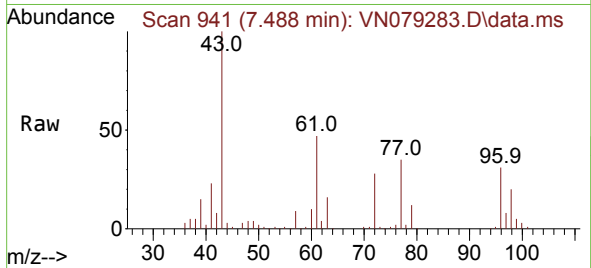




#25
2-Butanone
Concen: 253.927 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

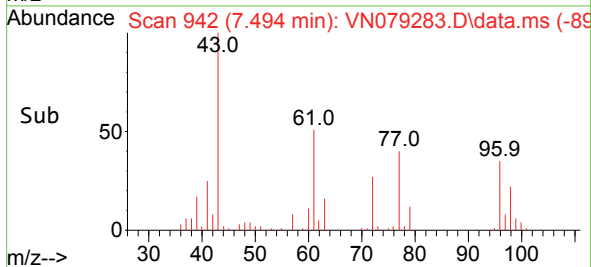
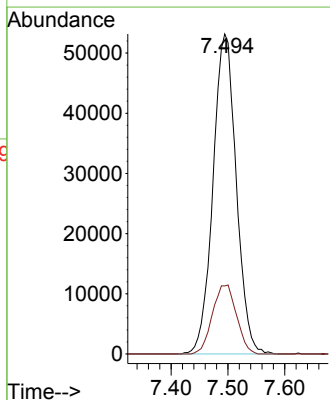
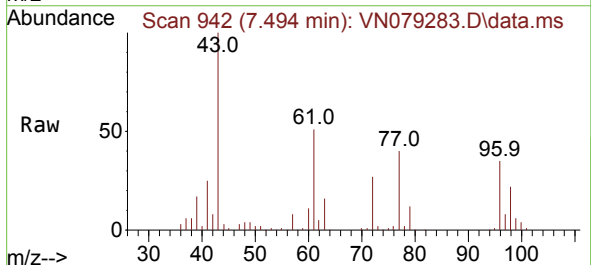
Instrument :
MSVOA_N
ClientSampleId :

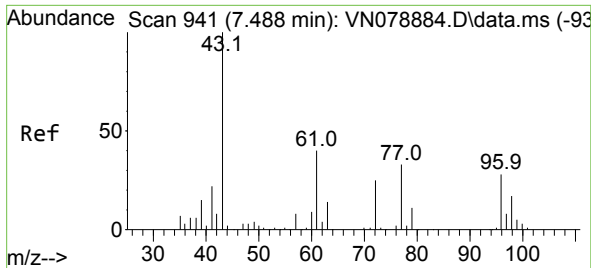
Tgt Ion: 43 Resp: 370679
Ion Ratio Lower Upper
43 100
72 27.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 45.614 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

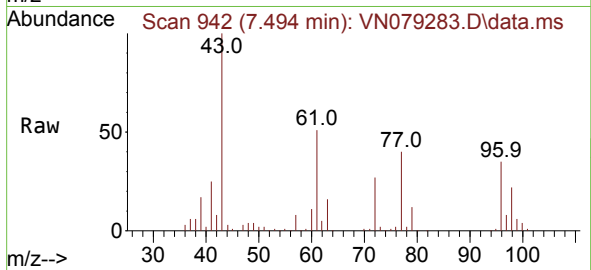
Tgt Ion: 77 Resp: 151166
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6



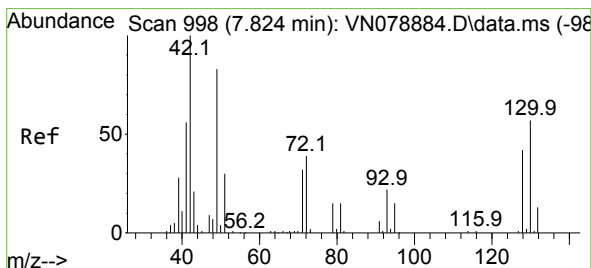
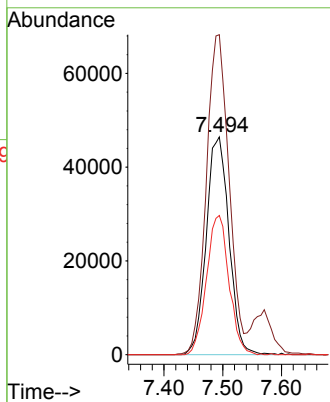
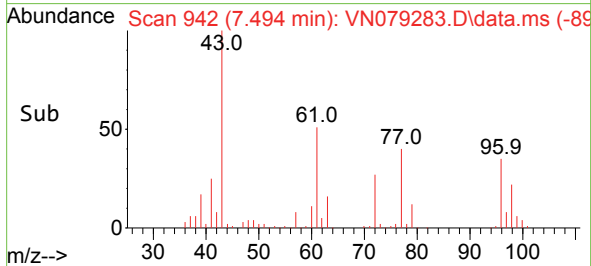


#27
 cis-1,2-Dichloroethene
 Concen: 50.314 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079283.D
 Acq: 15 Sep 2023 19:43

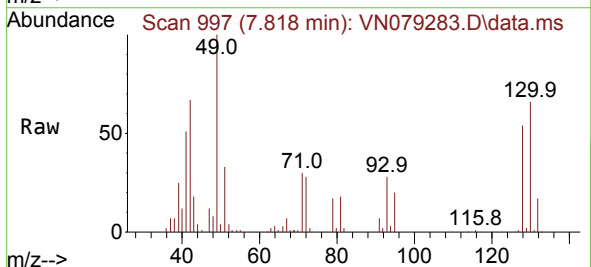
Instrument :
 MSVOA_N
 ClientSampleId :



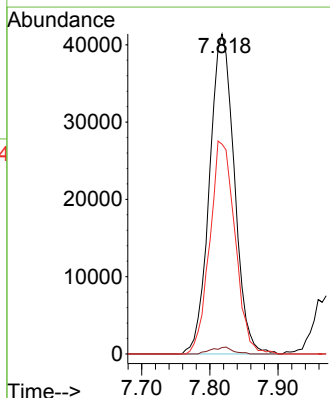
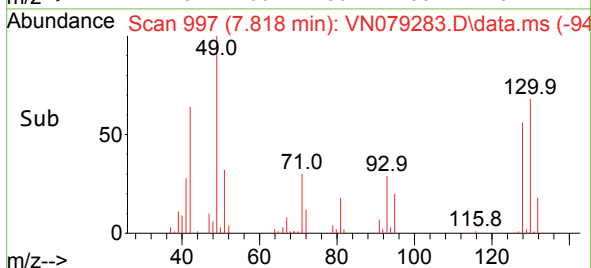
Tgt Ion: 96 Resp: 124913
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 255.2
 98 63.1 0.0 128.8

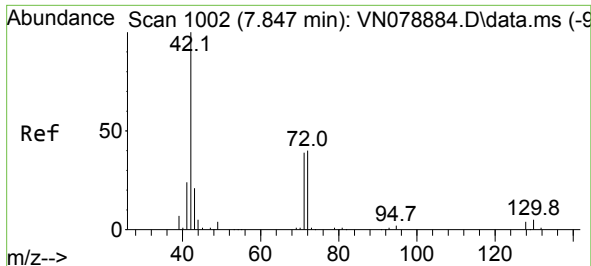


#28
 Bromochloromethane
 Concen: 57.559 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079283.D
 Acq: 15 Sep 2023 19:43



Tgt Ion: 49 Resp: 105099
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 67.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 270.345 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

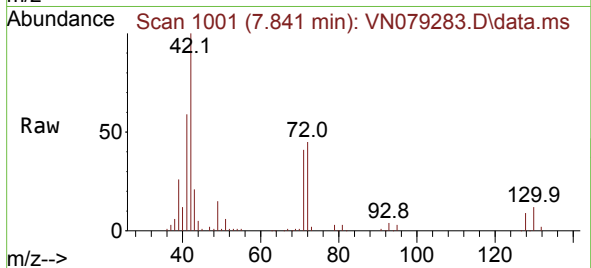
Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :



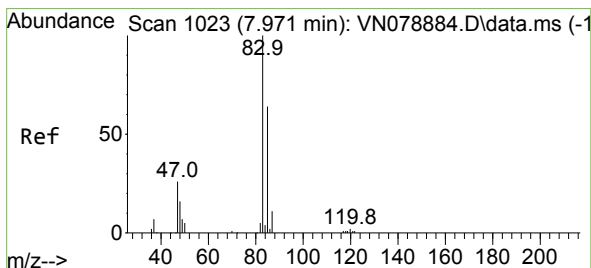
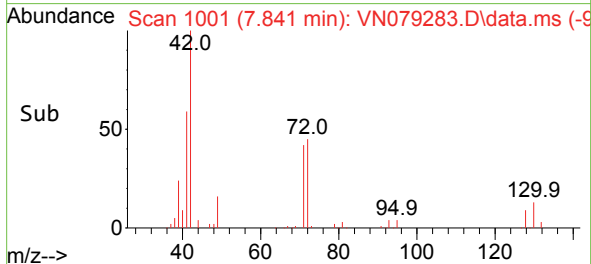
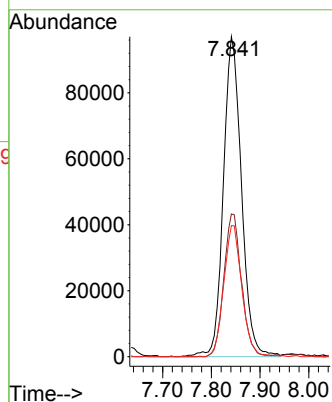
Tgt Ion: 42 Resp: 251144

Ion Ratio Lower Upper

42 100

72 43.4 49.8 74.6#

71 41.0 47.4 71.2#



#30

Chloroform

Concen: 51.651 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079283.D

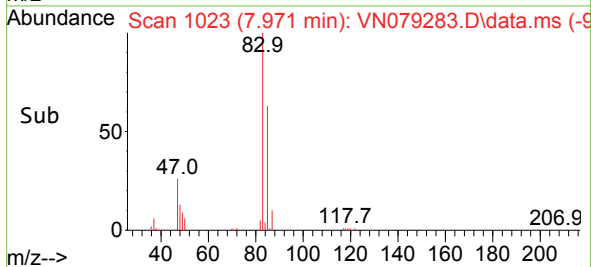
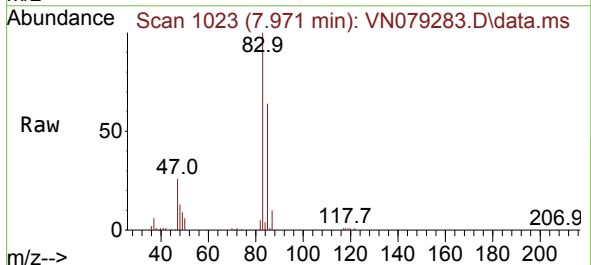
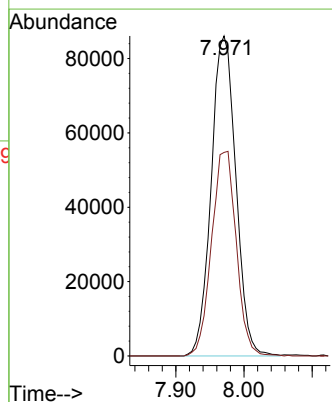
Acq: 15 Sep 2023 19:43

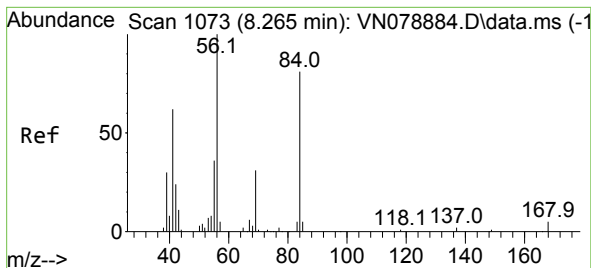
Tgt Ion: 83 Resp: 217179

Ion Ratio Lower Upper

83 100

85 63.6 55.4 83.0





#31

Cyclohexane

Concen: 48.769 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

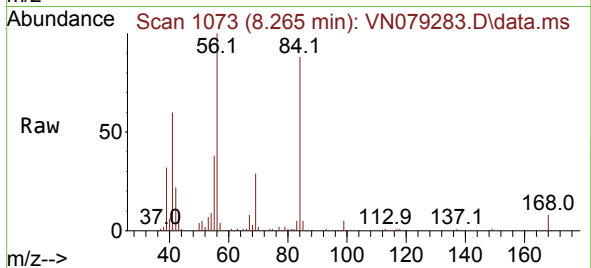
Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :



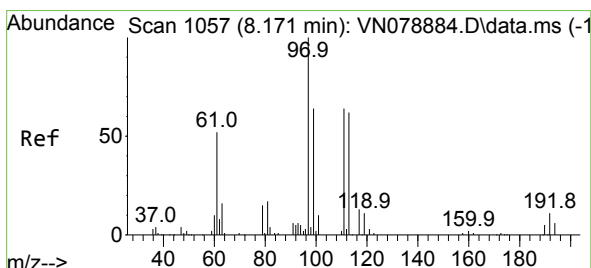
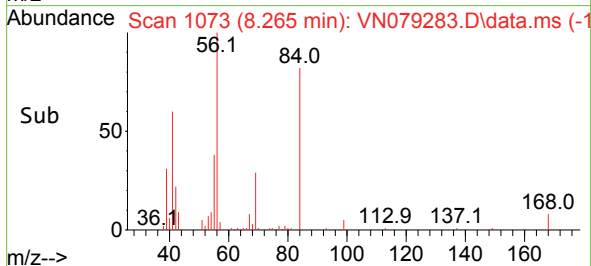
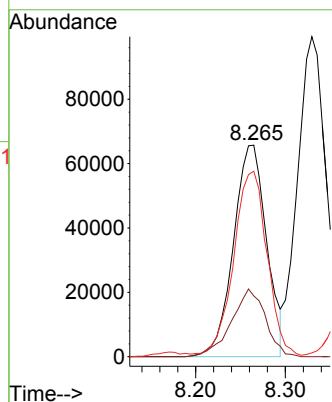
Tgt Ion: 56 Resp: 168693

Ion Ratio Lower Upper

56 100

69 28.8 26.8 40.2

84 86.4 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 51.658 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

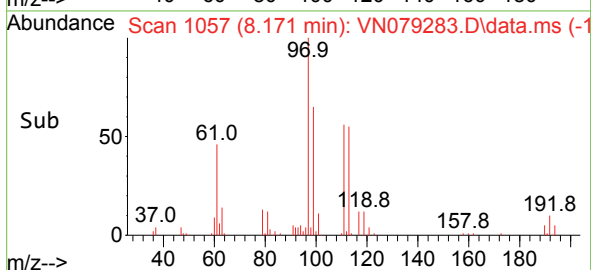
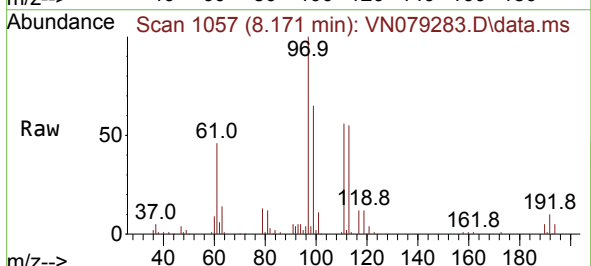
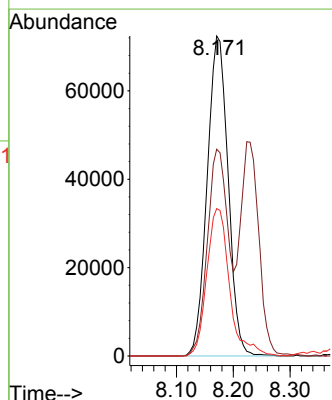
Tgt Ion: 97 Resp: 185153

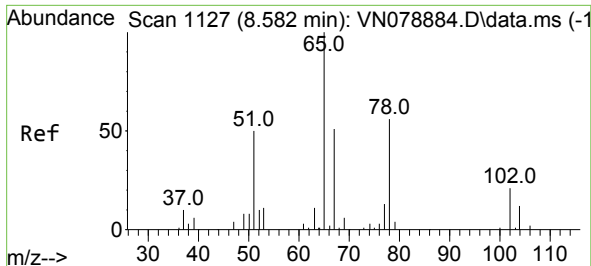
Ion Ratio Lower Upper

97 100

99 63.9 50.3 75.5

61 49.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.786 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

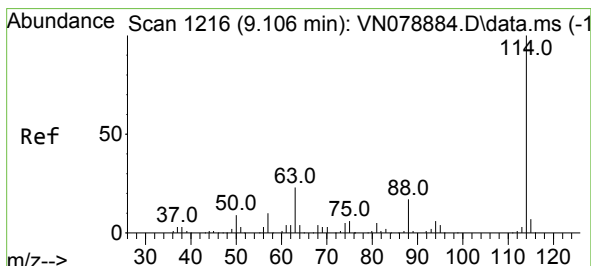
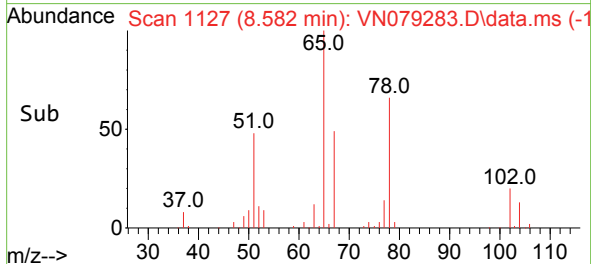
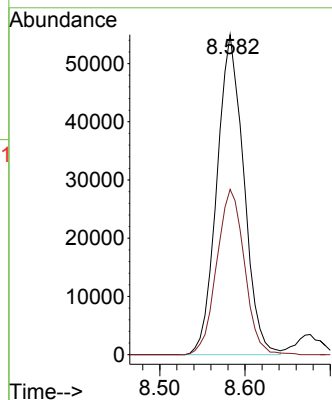
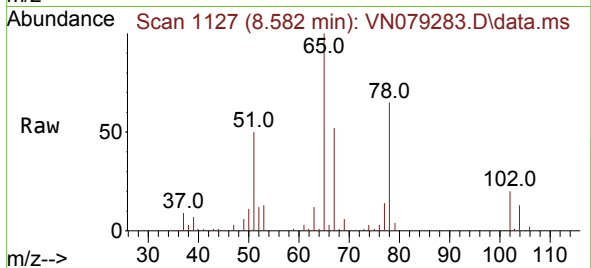
ClientSampleId :

Tgt Ion: 65 Resp: 120310

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

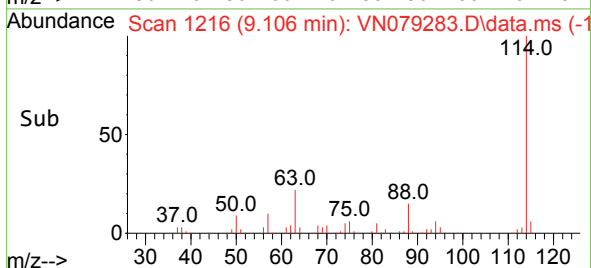
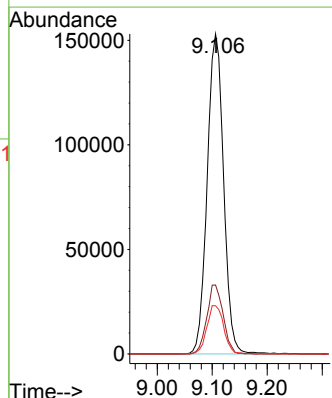
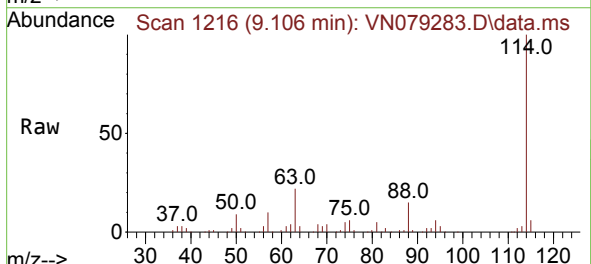
Tgt Ion: 114 Resp: 317215

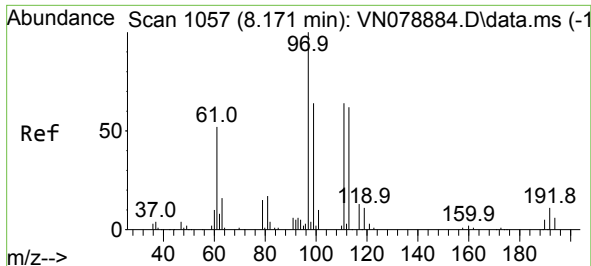
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

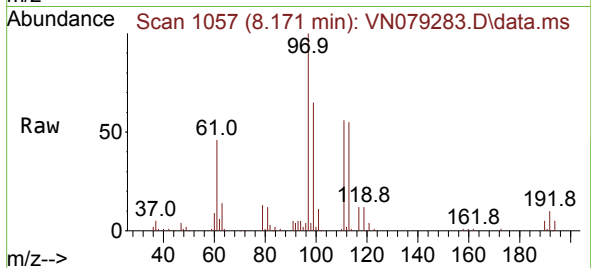
88 15.1 0.0 30.6



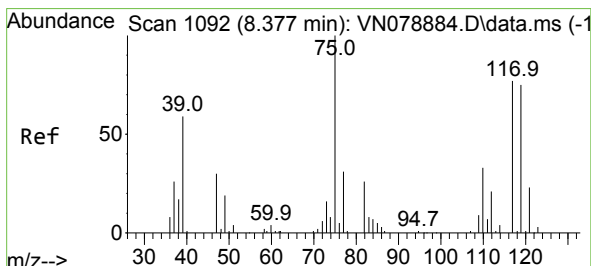
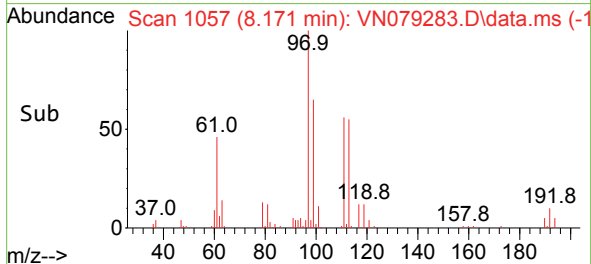
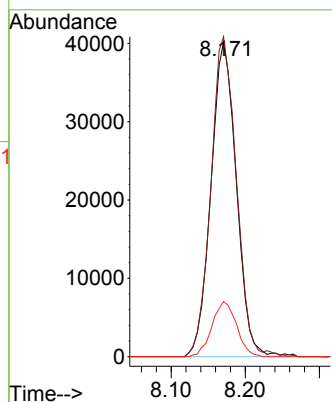


#35
Dibromofluoromethane
Concen: 45.087 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :

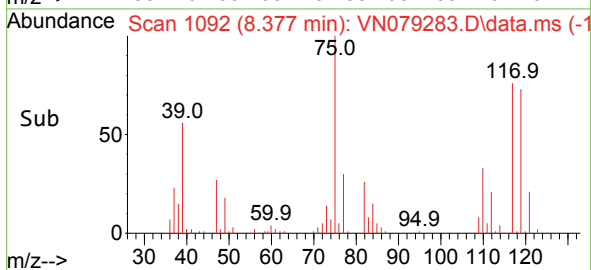
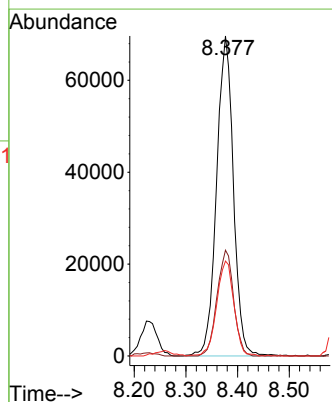
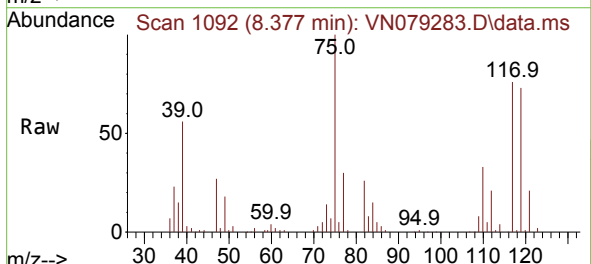


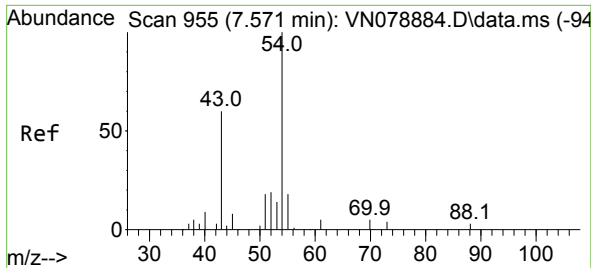
Tgt Ion:113 Resp: 95135
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 17.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 48.433 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 75 Resp: 157522
Ion Ratio Lower Upper
75 100
110 32.6 19.1 57.3
77 30.4 25.0 37.4

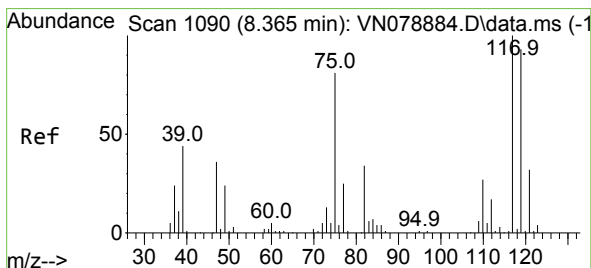
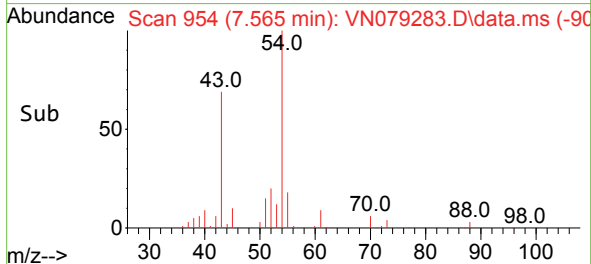
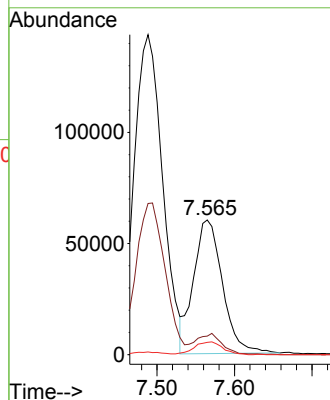
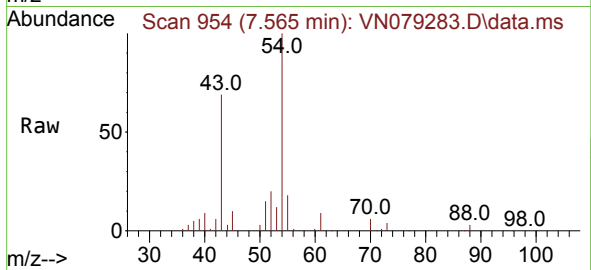




#37
Ethyl Acetate
Concen: 48.262 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

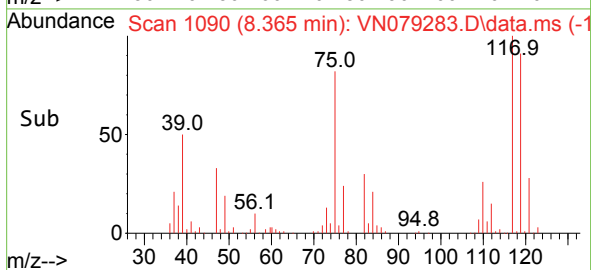
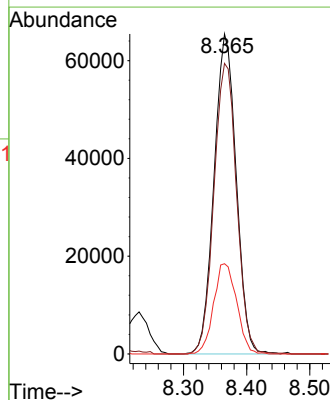
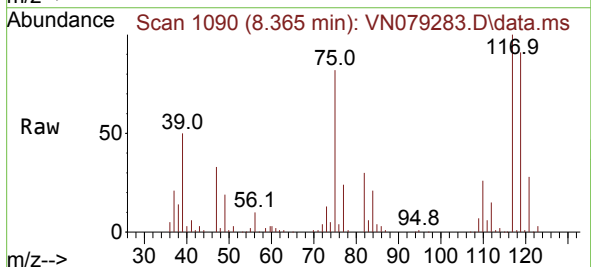
Instrument :
MSVOA_N
ClientSampleId :

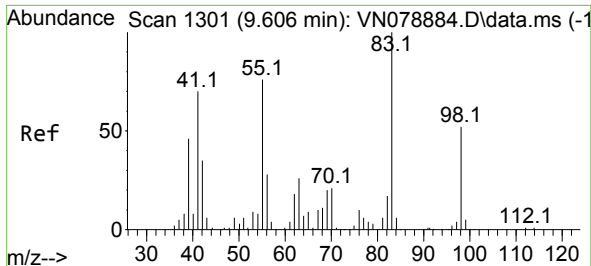
Tgt Ion: 43 Resp: 156562
Ion Ratio Lower Upper
43 100
61 14.0 13.2 19.8
70 9.3 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 47.293 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 117 Resp: 159174
Ion Ratio Lower Upper
117 100
119 90.8 77.3 115.9
121 28.2 23.3 34.9





#39

Methylcyclohexane

Concen: 47.257 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

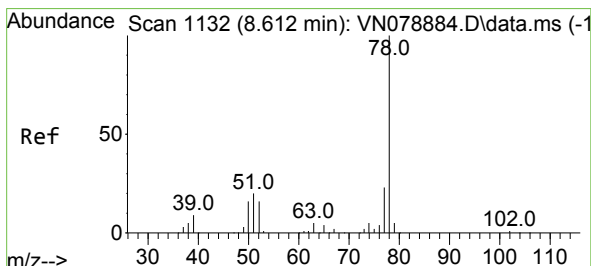
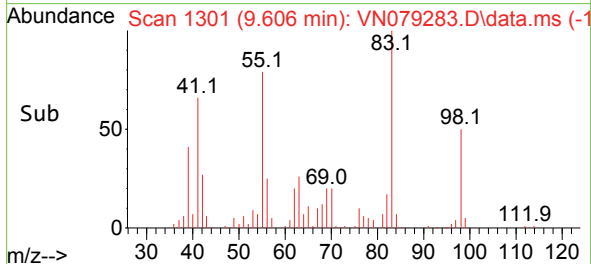
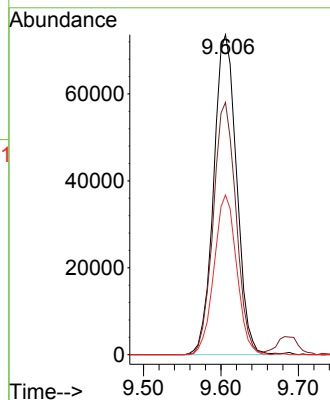
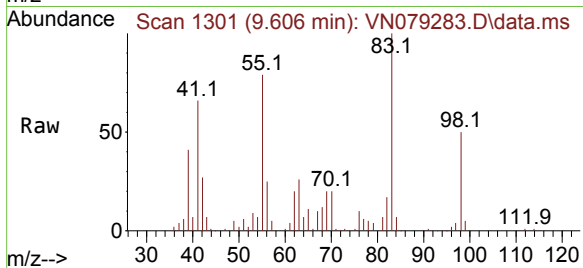
Tgt Ion: 83 Resp: 151608

Ion Ratio Lower Upper

83 100

55 78.9 49.1 73.7#

98 49.9 40.6 61.0



#40

Benzene

Concen: 47.462 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079283.D

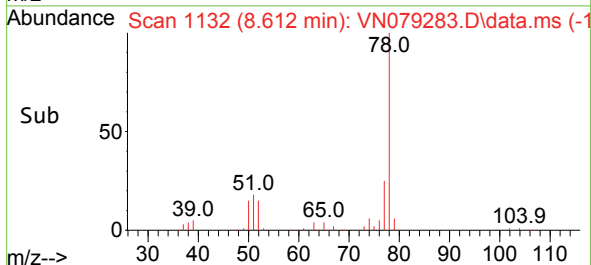
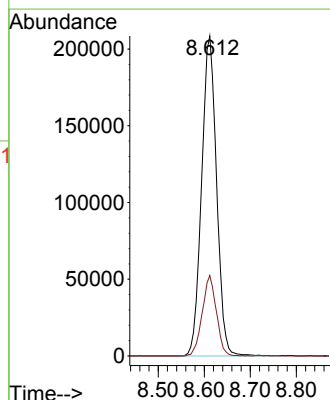
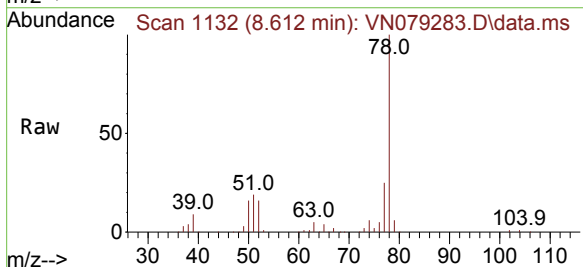
Acq: 15 Sep 2023 19:43

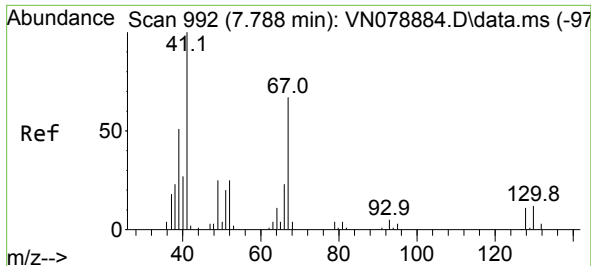
Tgt Ion: 78 Resp: 472551

Ion Ratio Lower Upper

78 100

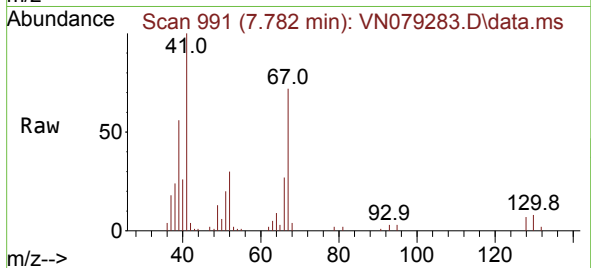
77 25.1 19.0 28.6



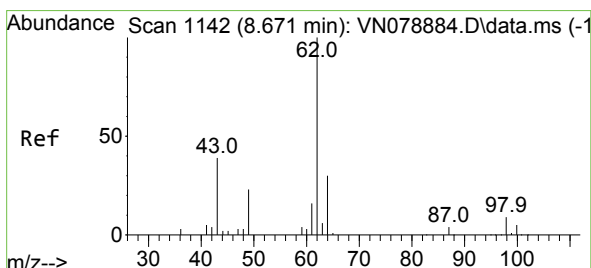
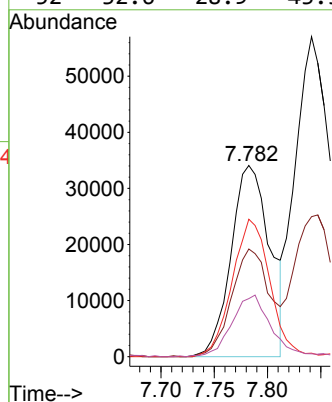
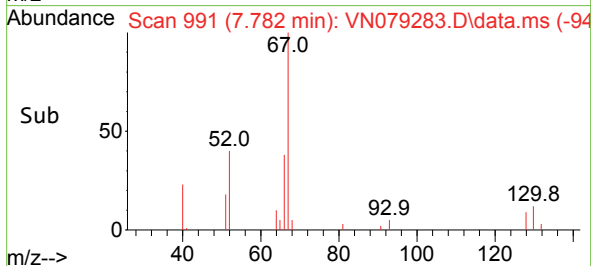


#41
Methacrylonitrile
Concen: 52.892 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :

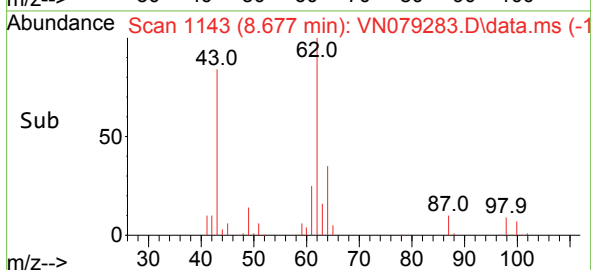
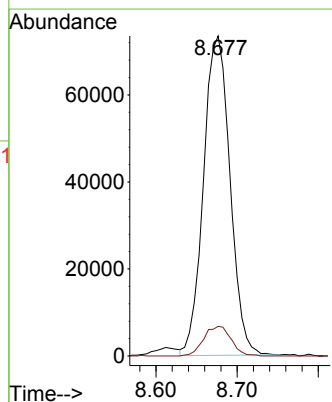
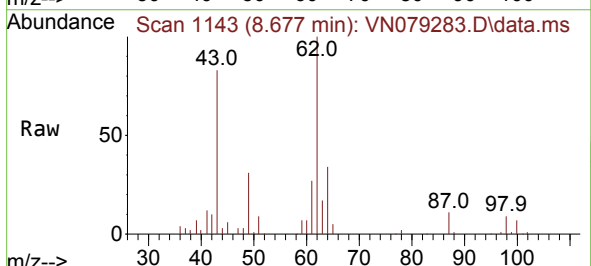


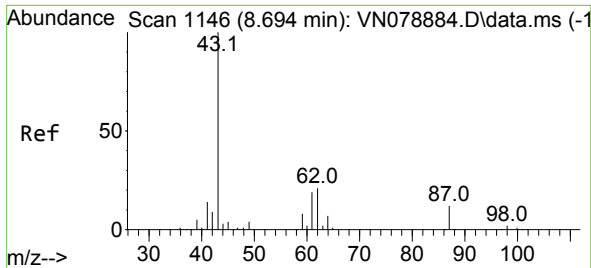
Tgt Ion:	41	Resp:	86513
Ion	Ratio	Lower	Upper
41	100		
39	55.7	42.6	64.0
67	69.9	77.5	116.3
52	32.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 48.624 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion:	62	Resp:	166663
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8

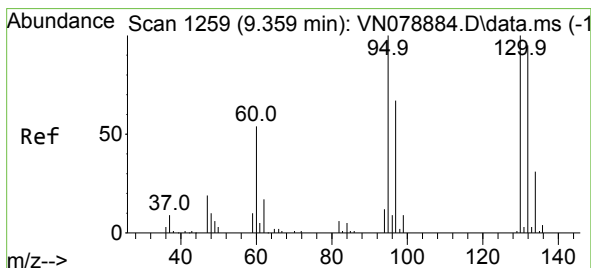
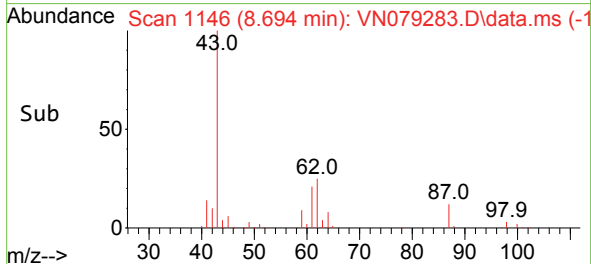
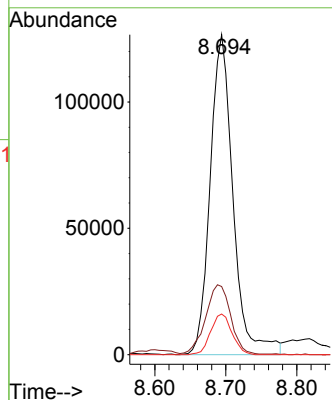
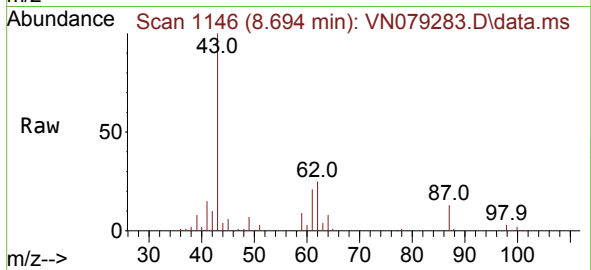




#43
Isopropyl Acetate
Concen: 53.508 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

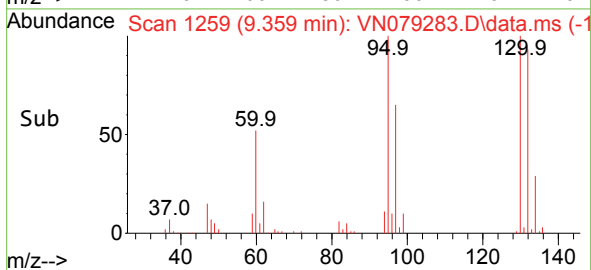
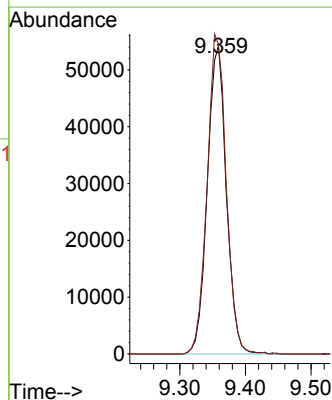
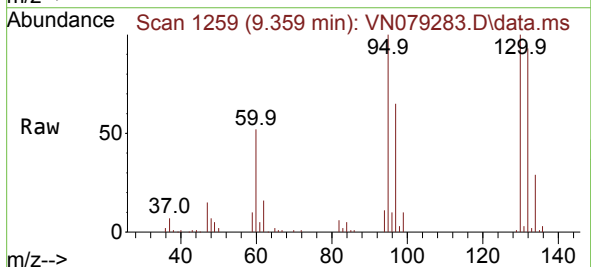
Instrument :
MSVOA_N
ClientSampleId :

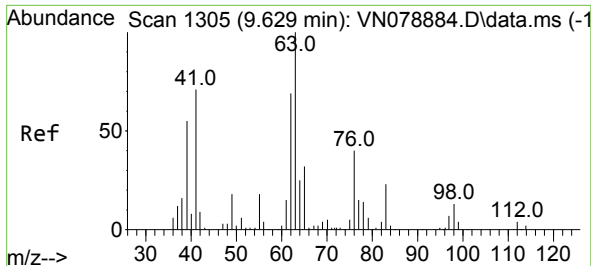
Tgt Ion: 43 Resp: 283227
Ion Ratio Lower Upper
43 100
61 23.6 24.7 37.1#
87 11.8 14.6 21.8#



#44
Trichloroethene
Concen: 44.556 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion:130 Resp: 109281
Ion Ratio Lower Upper
130 100
95 100.2 0.0 204.6

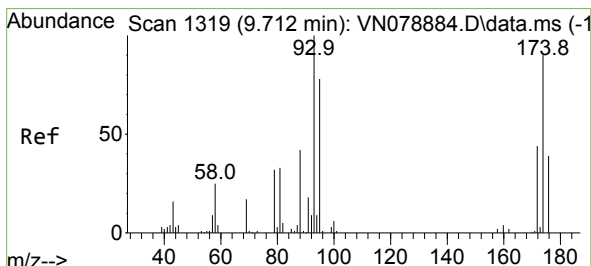
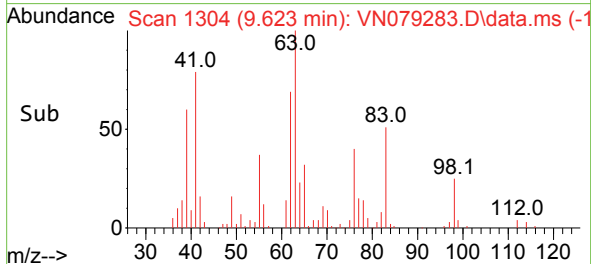
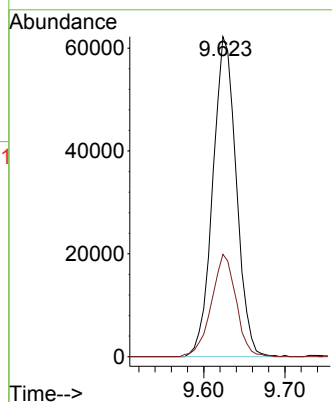
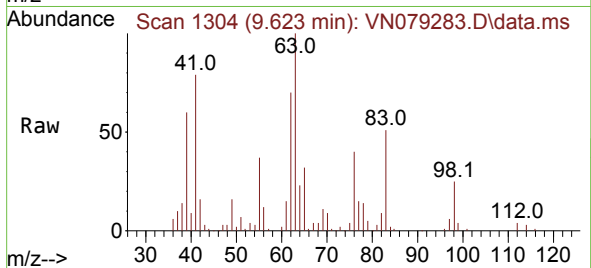




#45
1,2-Dichloropropane
Concen: 50.697 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

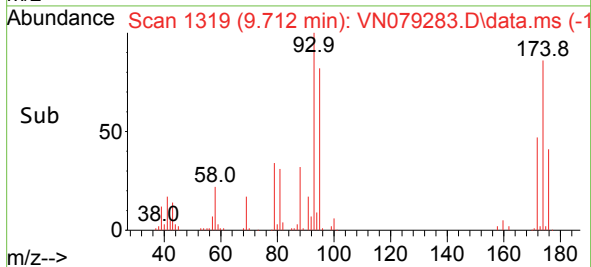
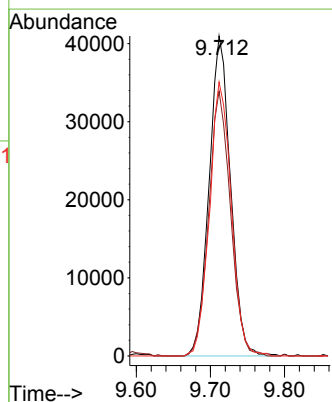
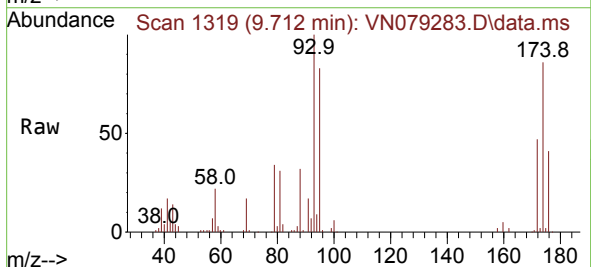
Instrument :
MSVOA_N
ClientSampleId :

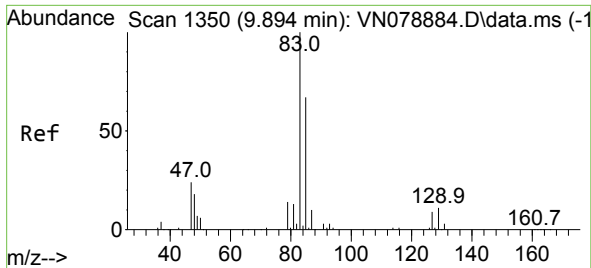
Tgt Ion: 63 Resp: 125269
Ion Ratio Lower Upper
63 100
65 32.0 23.9 35.9



#46
Dibromomethane
Concen: 48.955 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 93 Resp: 82118
Ion Ratio Lower Upper
93 100
95 84.4 63.8 95.8
174 87.2 65.6 98.4

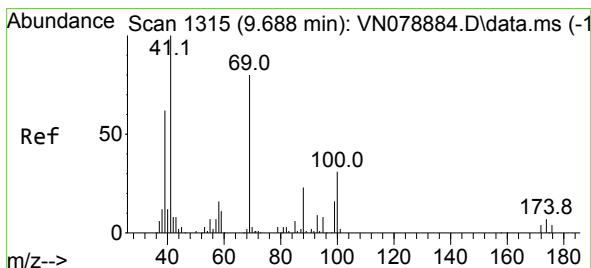
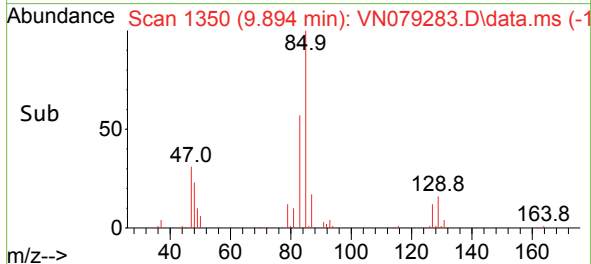
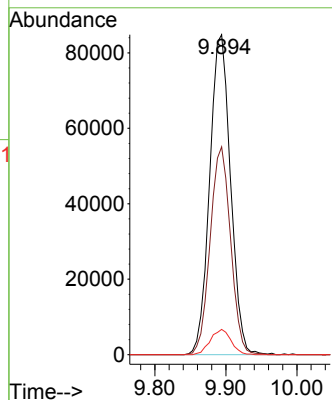
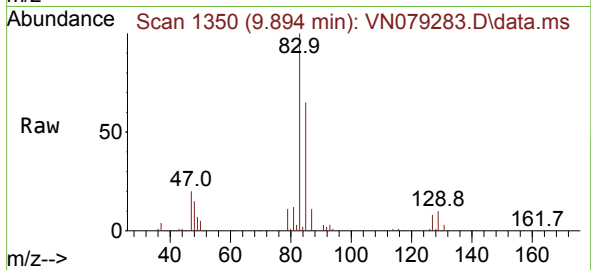




#47
Bromodichloromethane
Concen: 50.326 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

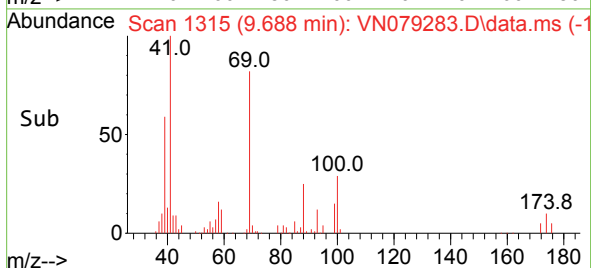
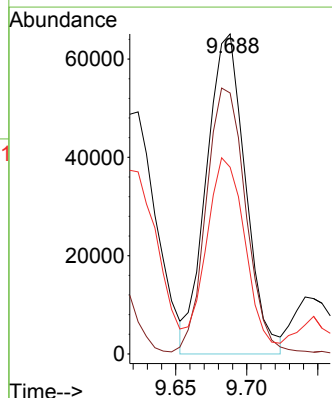
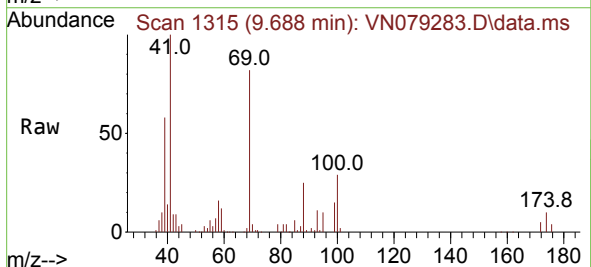
Instrument :
MSVOA_N
ClientSampleId :

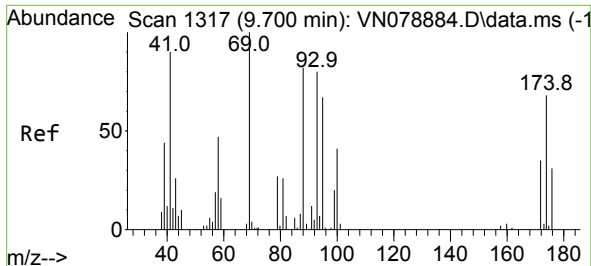
Tgt Ion: 83 Resp: 172905
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4
127 7.9 7.0 10.6



#48
Methyl methacrylate
Concen: 52.528 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 41 Resp: 124541
Ion Ratio Lower Upper
41 100
69 85.3 90.4 135.6#
39 61.8 54.6 81.8





#49

1,4-Dioxane

Concen: 920.153 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

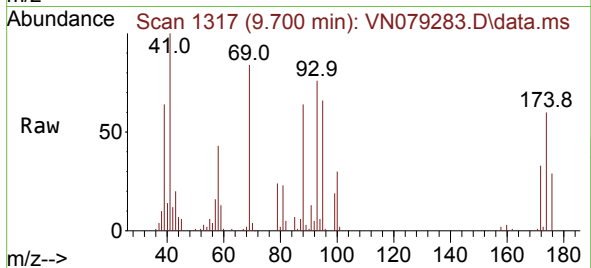
Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :



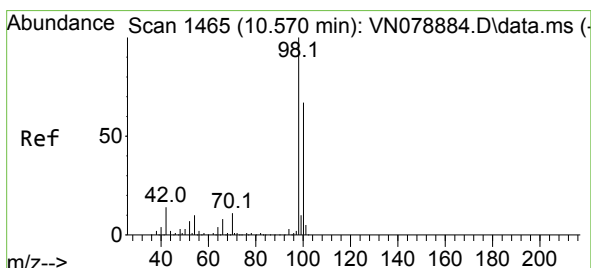
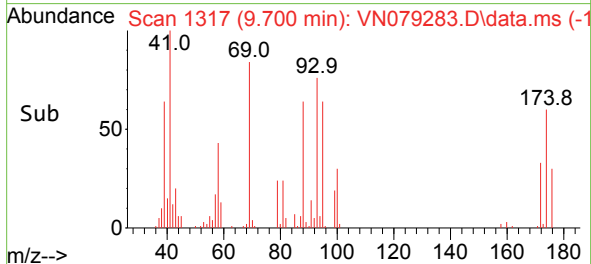
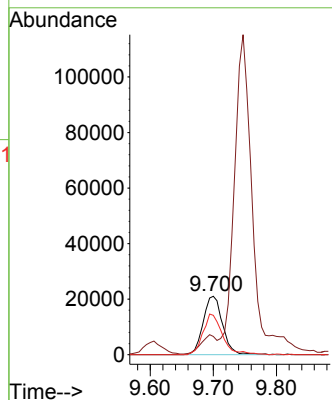
Tgt Ion: 88 Resp: 44872

Ion Ratio Lower Upper

88 100

43 25.9 17.0 25.6#

58 69.9 47.0 70.4



#50

Toluene-d8

Concen: 46.702 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN079283.D

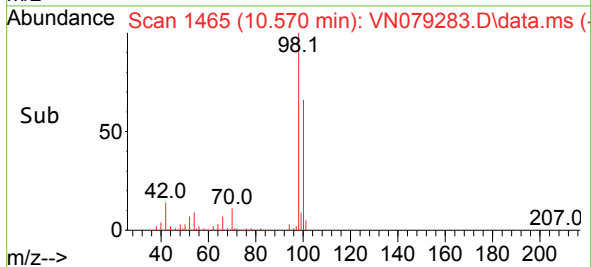
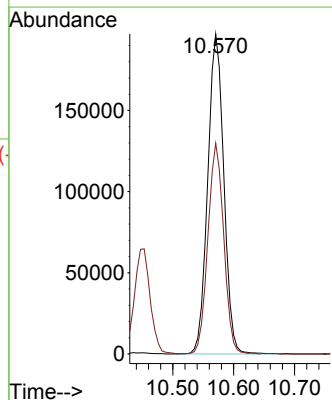
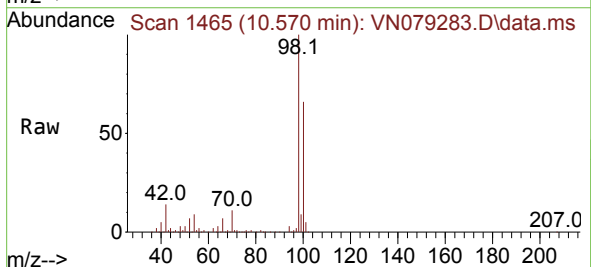
Acq: 15 Sep 2023 19:43

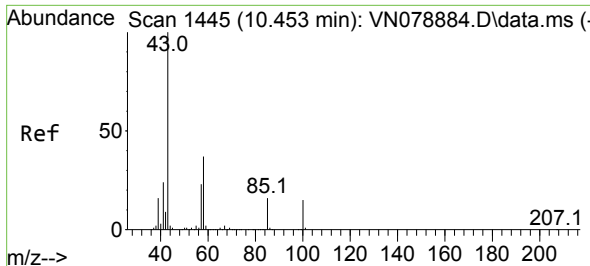
Tgt Ion: 98 Resp: 361837

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

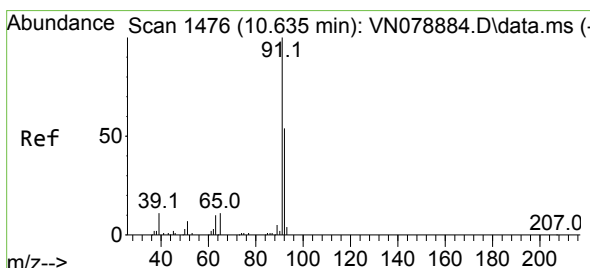
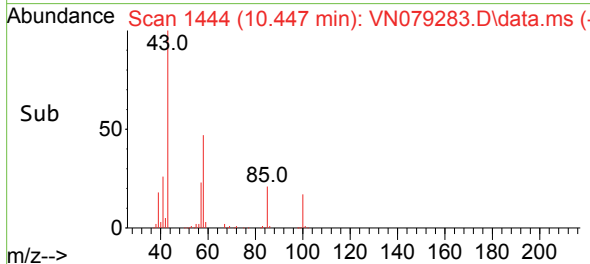
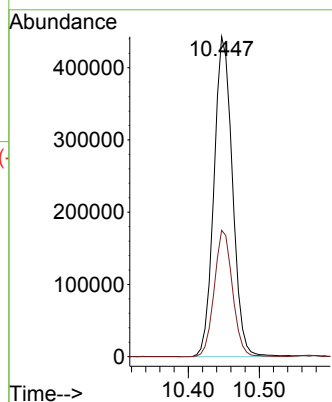
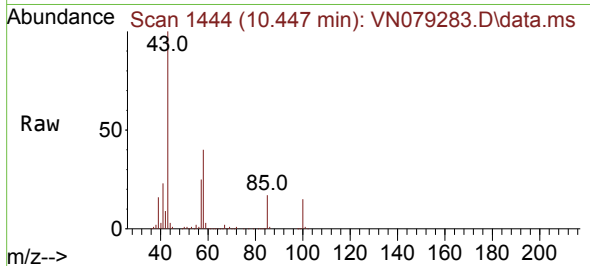




#51
4-Methyl-2-Pentanone
Concen: 260.466 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

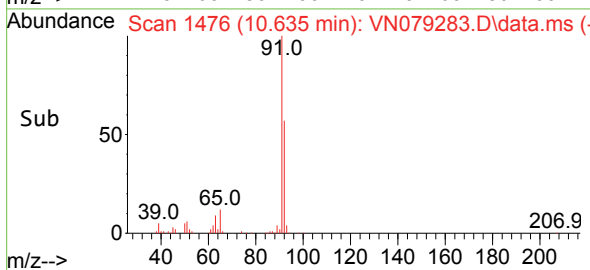
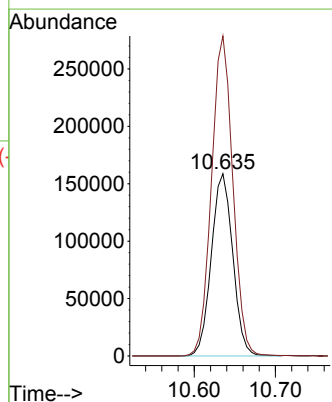
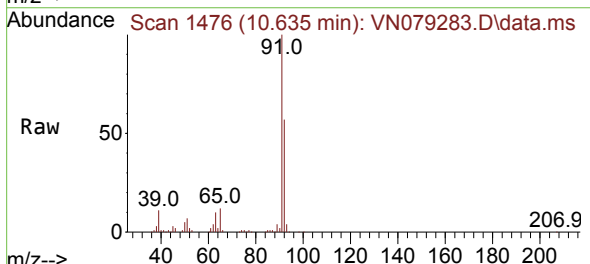
Instrument :
MSVOA_N
ClientSampleId :

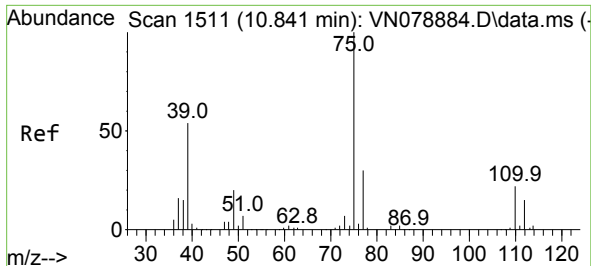
Tgt Ion: 43 Resp: 800325
Ion Ratio Lower Upper
43 100
58 39.0 36.6 54.8



#52
Toluene
Concen: 47.602 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 92 Resp: 291265
Ion Ratio Lower Upper
92 100
91 175.0 137.4 206.0

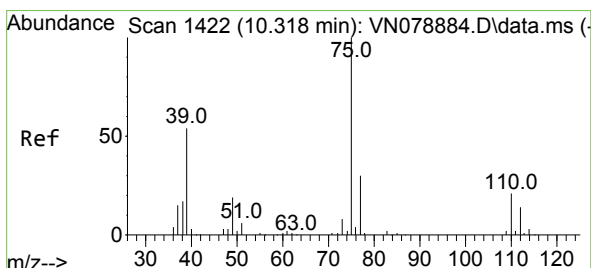
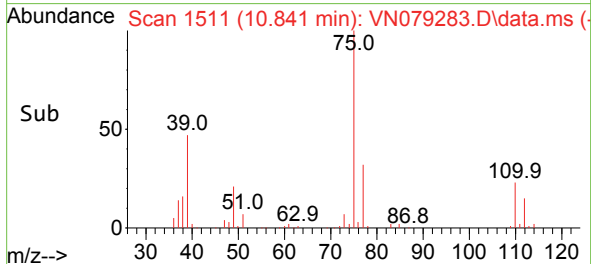
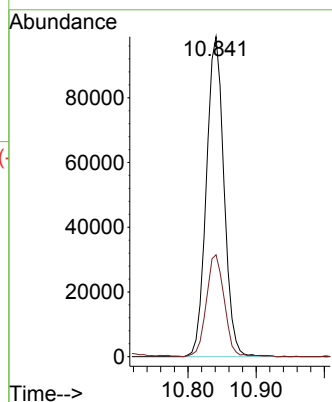
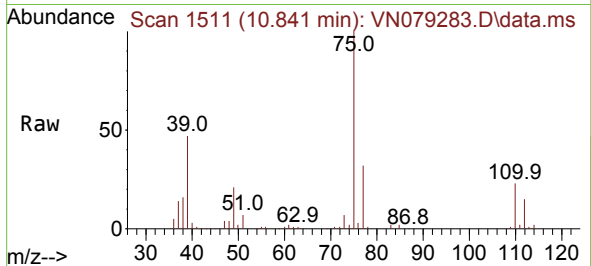




#53
 t-1,3-Dichloropropene
 Concen: 49.035 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079283.D
 Acq: 15 Sep 2023 19:43

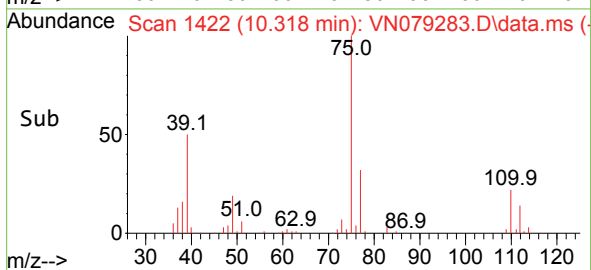
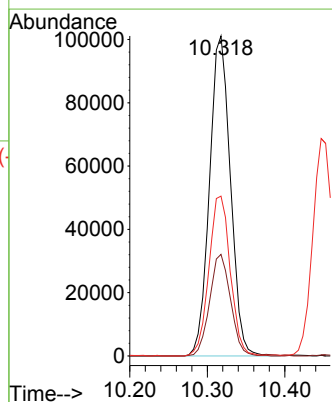
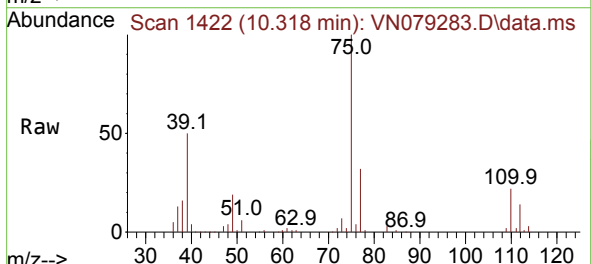
Instrument :
 MSVOA_N
 ClientSampleId :

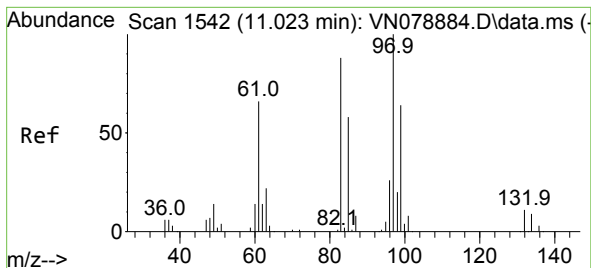
Tgt Ion: 75 Resp: 177638
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.013 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079283.D
 Acq: 15 Sep 2023 19:43

Tgt Ion: 75 Resp: 189913
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.1 39.1
 39 50.0 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 48.960 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.006 min

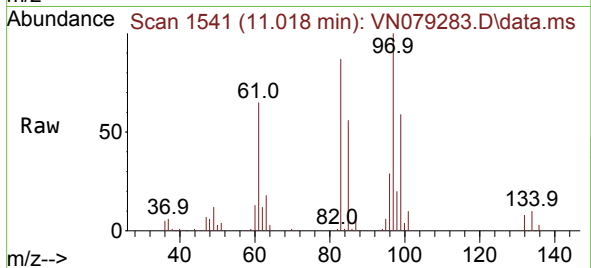
Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 117549

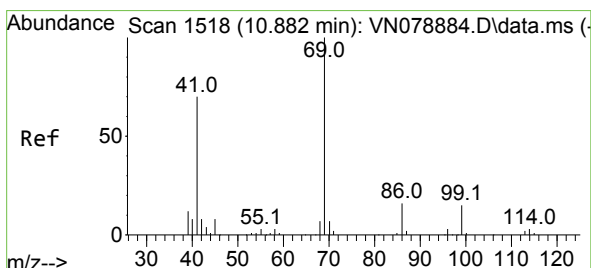
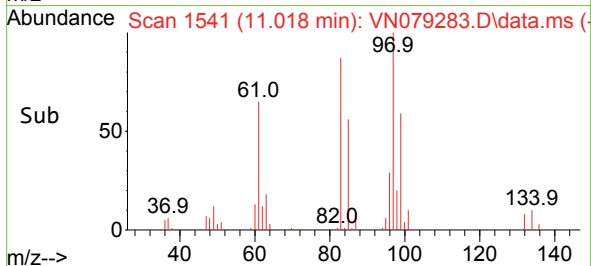
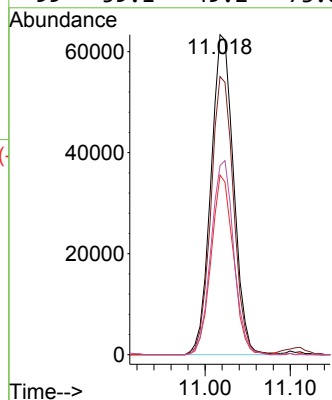
Ion Ratio Lower Upper

97 100

83 86.9 65.1 97.7

85 56.1 43.4 65.2

99 59.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 51.304 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

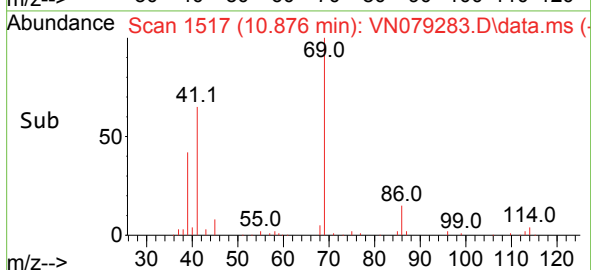
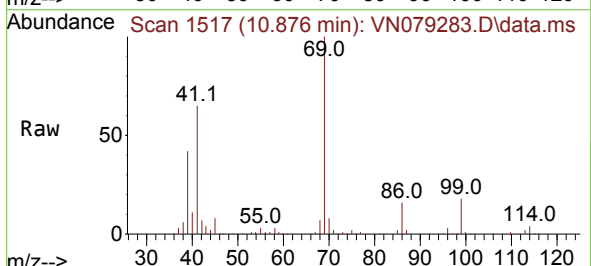
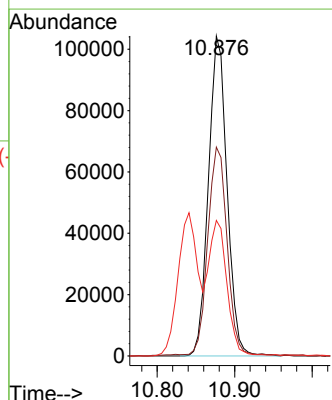
Tgt Ion: 69 Resp: 173878

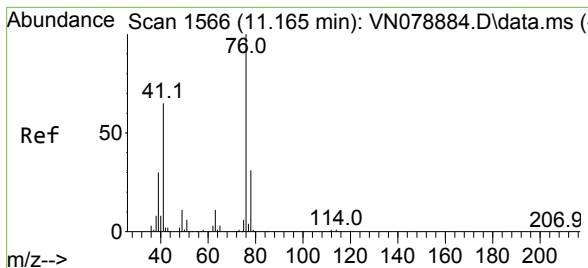
Ion Ratio Lower Upper

69 100

41 68.9 39.6 59.4#

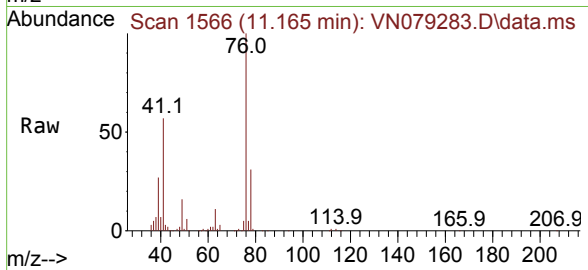
39 41.4 28.6 43.0



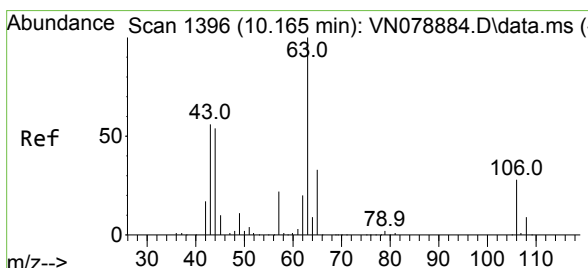
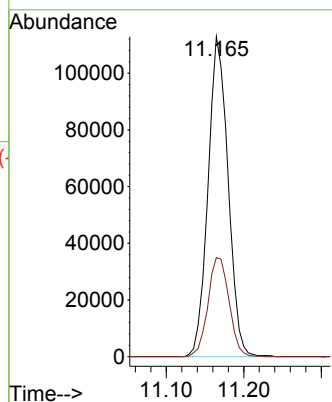
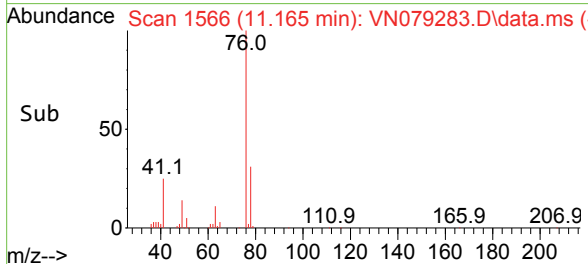


#57
1,3-Dichloropropane
Concen: 48.845 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :

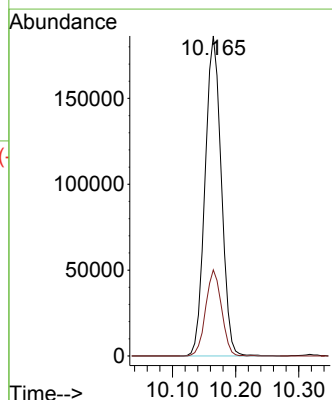
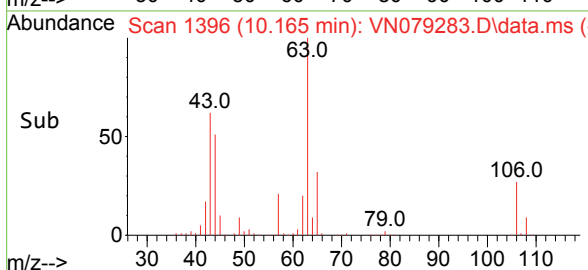
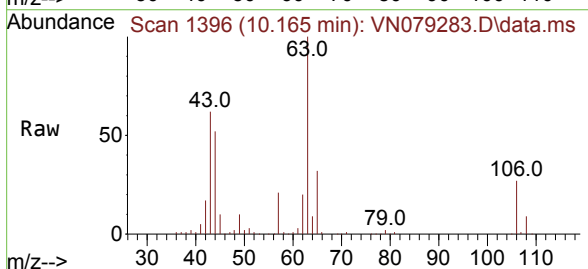


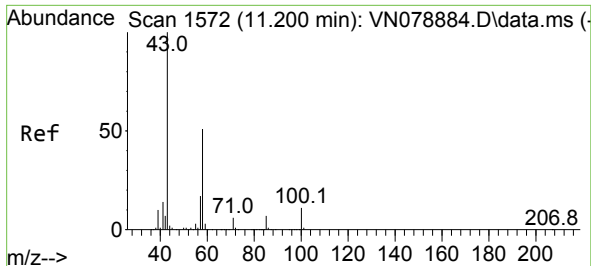
Tgt Ion: 76 Resp: 202727
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 234.593 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 63 Resp: 331955
Ion Ratio Lower Upper
63 100
106 26.2 26.2 39.4

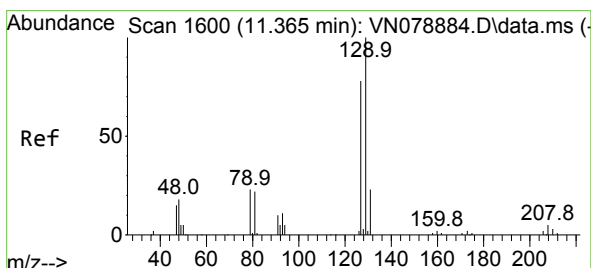
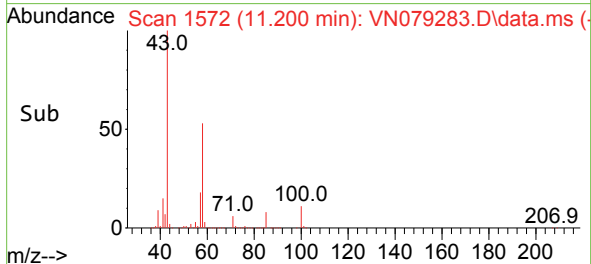
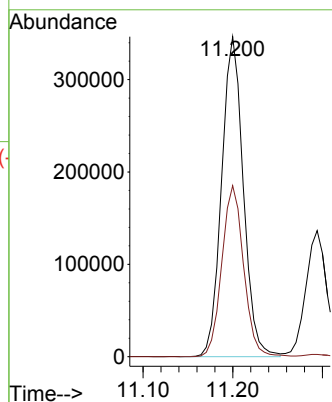
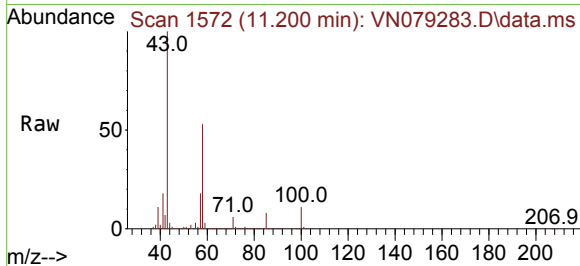




#59
2-Hexanone
Concen: 261.726 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

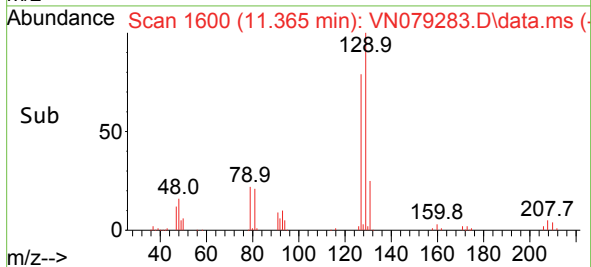
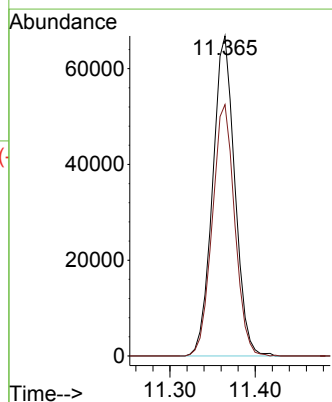
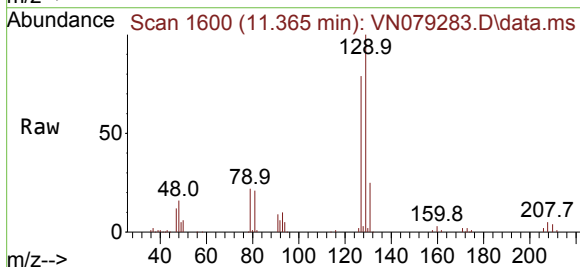
Instrument :
MSVOA_N
ClientSampleId :

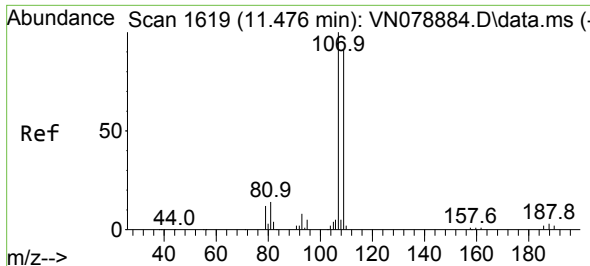
Tgt Ion: 43 Resp: 582472
Ion Ratio Lower Upper
43 100
58 53.6 31.7 95.1



#60
Dibromochloromethane
Concen: 47.321 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion:129 Resp: 120915
Ion Ratio Lower Upper
129 100
127 79.3 38.6 116.0

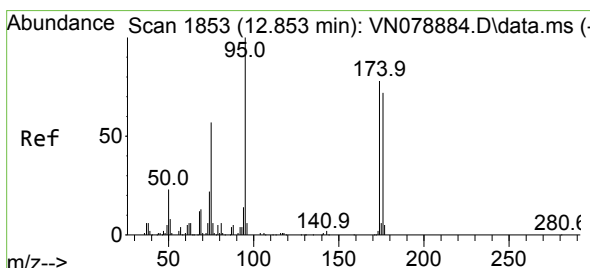
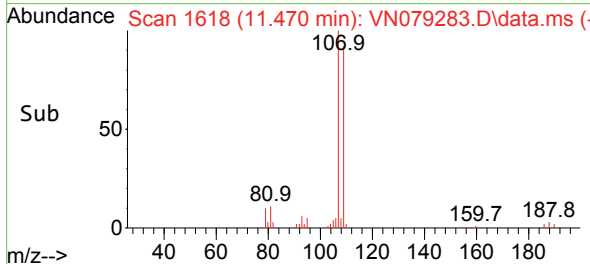
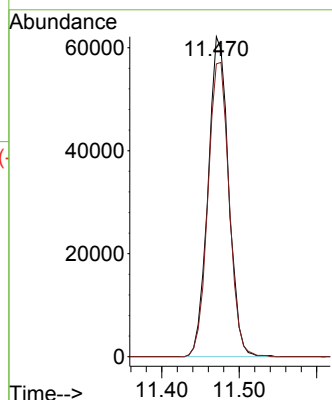
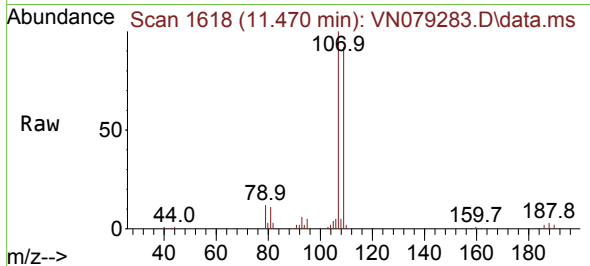




#61
1,2-Dibromoethane
Concen: 47.929 ug/l
RT: 11.470 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

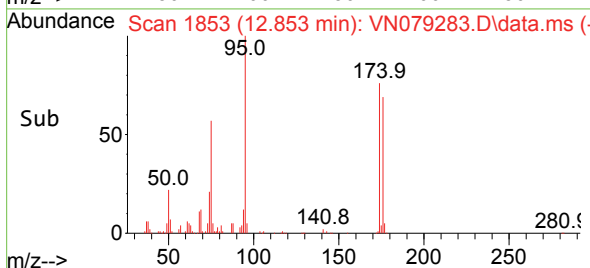
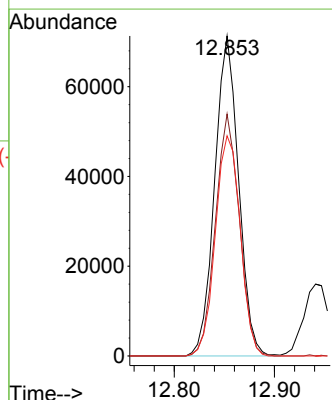
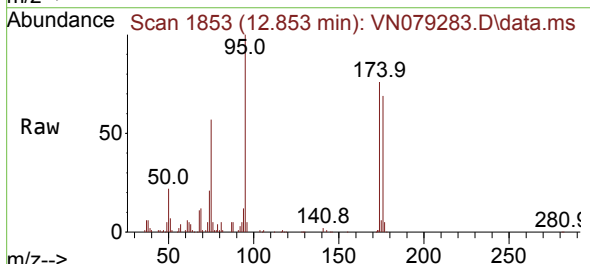
Instrument :
MSVOA_N
ClientSampleId :

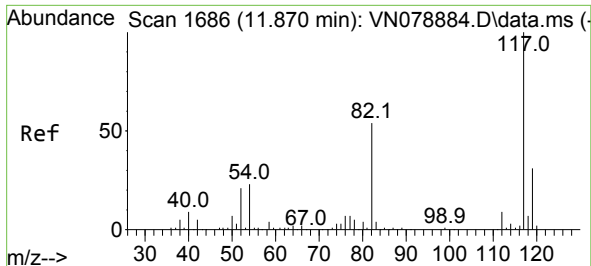
Tgt Ion:107 Resp: 114837
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 47.761 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

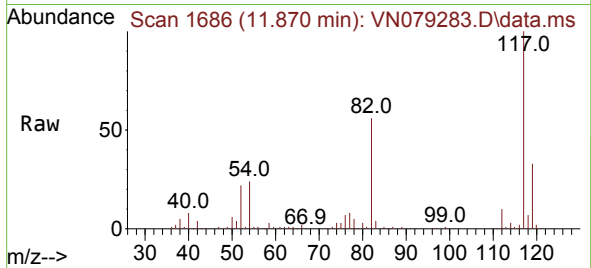
Tgt Ion: 95 Resp: 118035
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 71.8 0.0 135.8



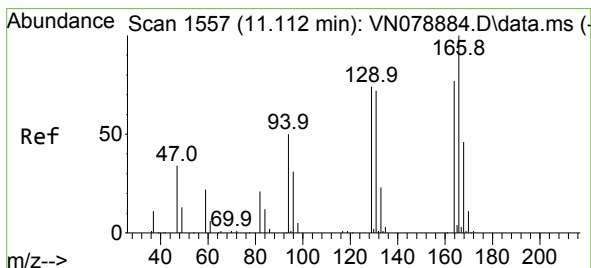
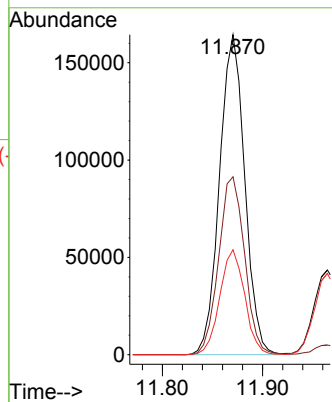
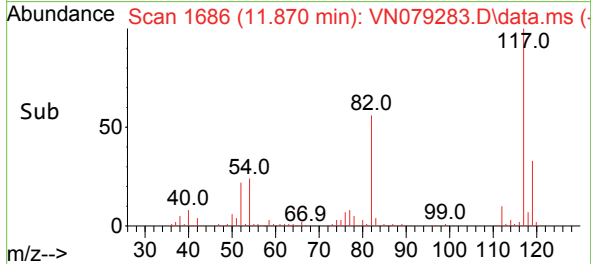


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :

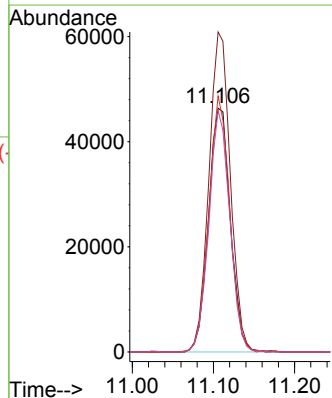
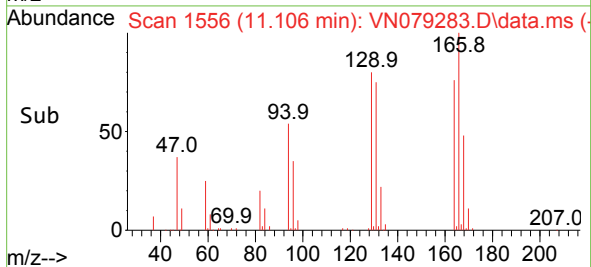
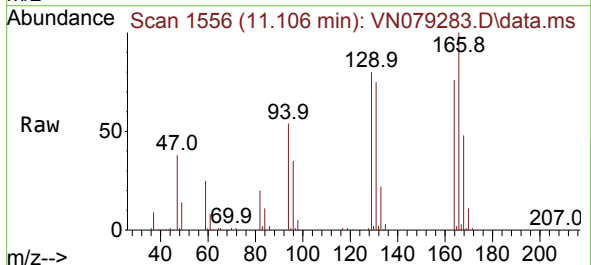


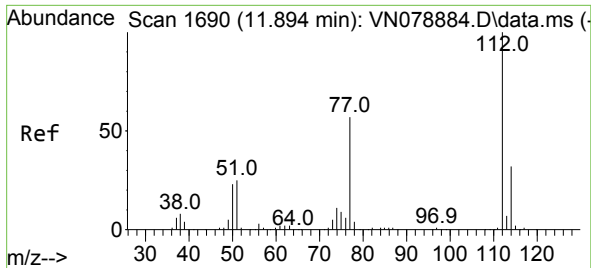
Tgt Ion:117 Resp: 287012
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 32.8 25.6 38.4



#64
Tetrachloroethene
Concen: 41.601 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion:164 Resp: 87063
Ion Ratio Lower Upper
164 100
166 131.2 101.4 152.0
129 104.9 82.4 123.6
131 99.0 78.2 117.4

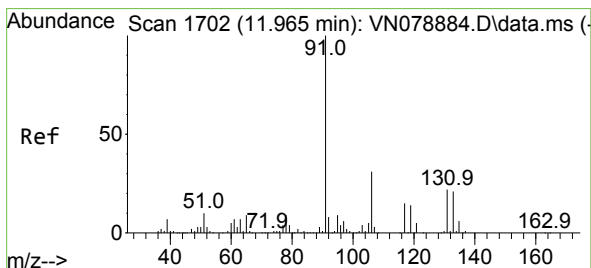
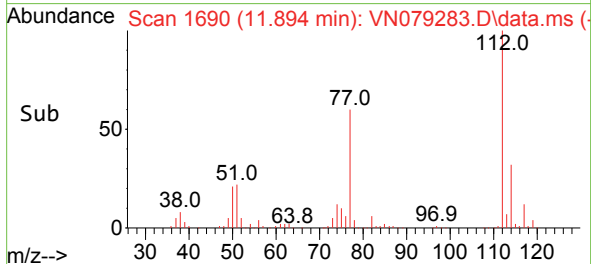
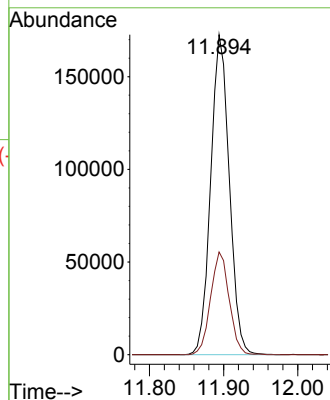
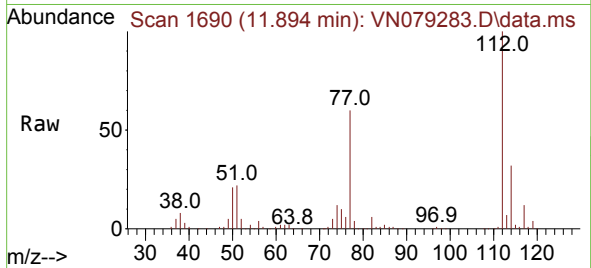




#65
Chlorobenzene
Concen: 46.258 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

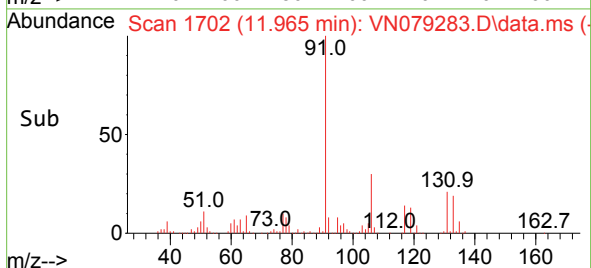
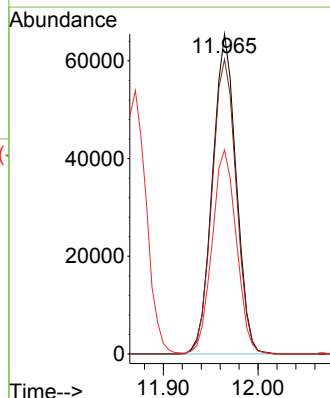
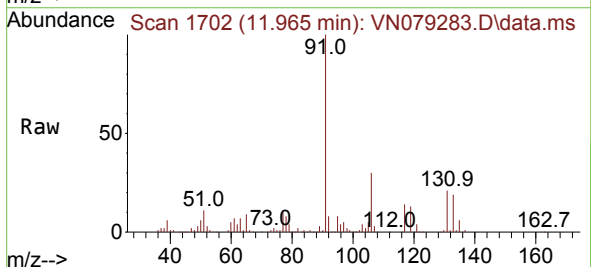
Instrument :
MSVOA_N
ClientSampleId :

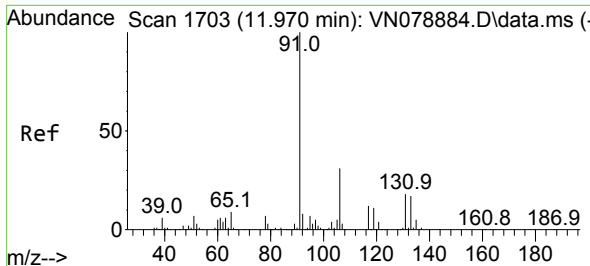
Tgt Ion:112 Resp: 300770
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 46.633 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion:131 Resp: 113698
Ion Ratio Lower Upper
131 100
133 94.5 46.4 139.1
119 65.5 34.1 102.2

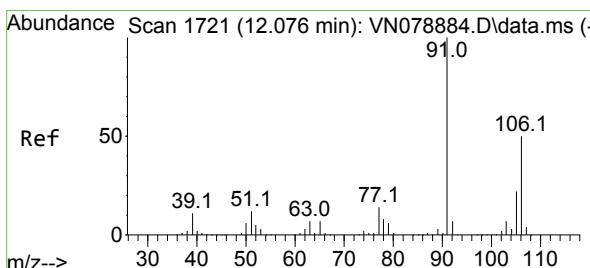
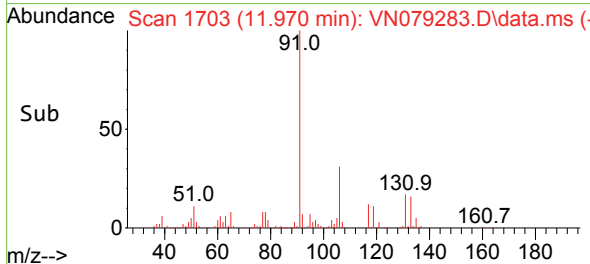
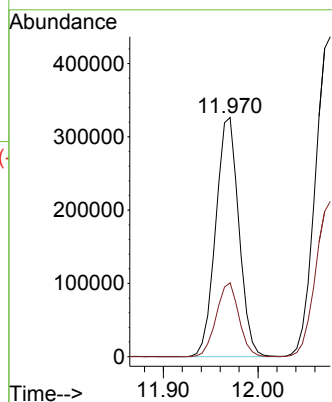
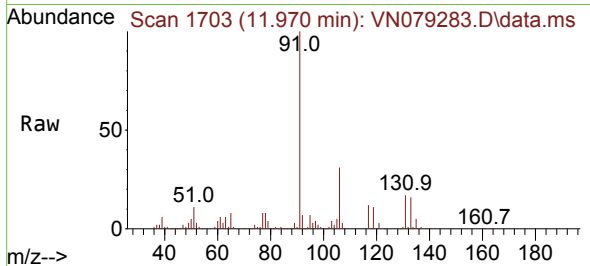




#67
Ethyl Benzene
Concen: 49.822 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

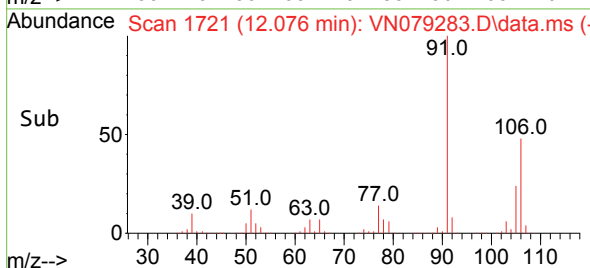
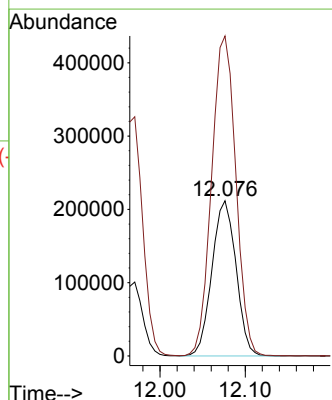
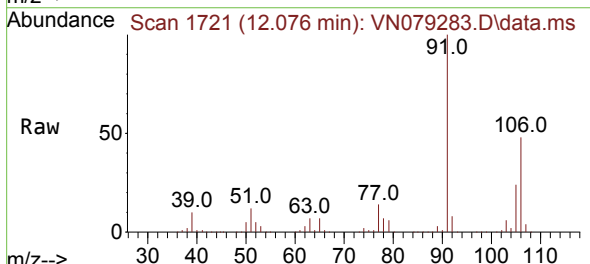
Instrument :
MSVOA_N
ClientSampleId :

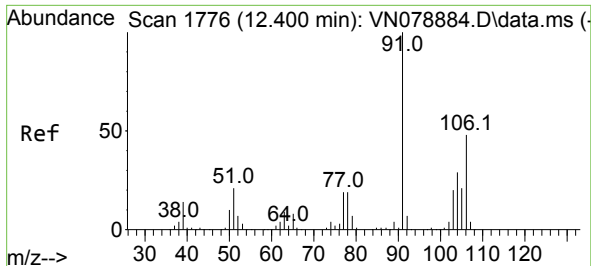
Tgt Ion: 91 Resp: 554089
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4



#68
m/p-Xylenes
Concen: 100.229 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 106 Resp: 415481
Ion Ratio Lower Upper
106 100
91 207.6 159.6 239.4

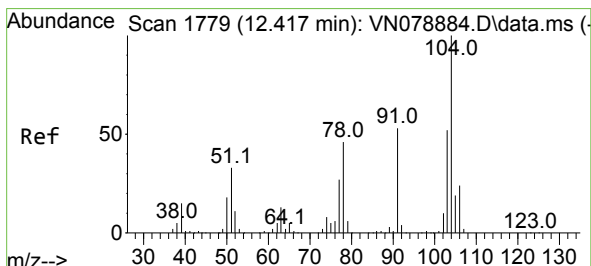
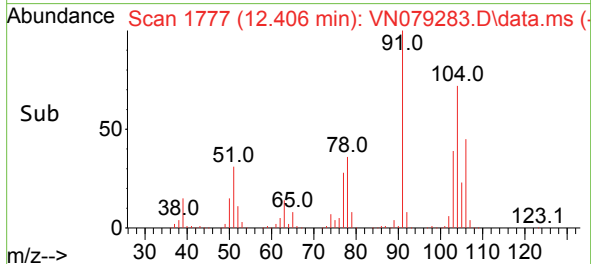
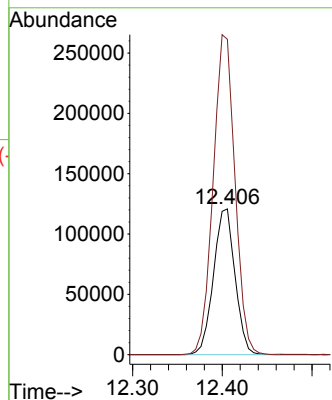
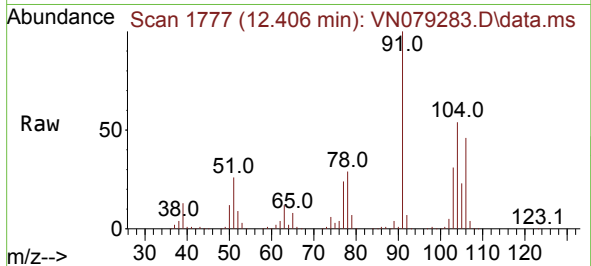




#69
o-Xylene
Concen: 50.638 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

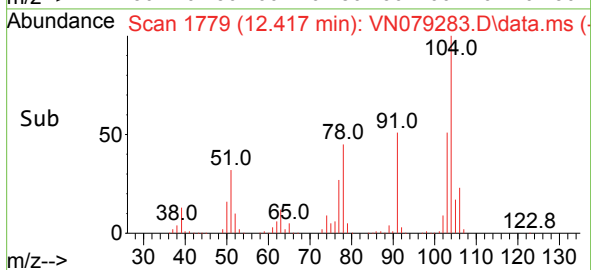
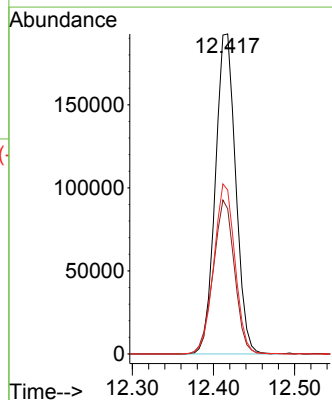
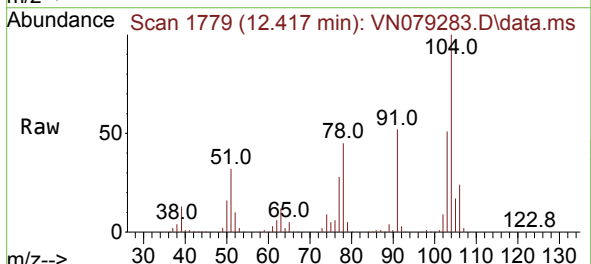
Instrument :
MSVOA_N
ClientSampleId :

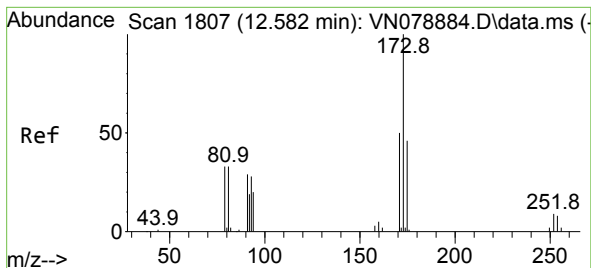
Tgt Ion:106 Resp: 201318
Ion Ratio Lower Upper
106 100
91 222.6 105.2 315.5



#70
Styrene
Concen: 52.626 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion:104 Resp: 336497
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 45.272 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079283.D

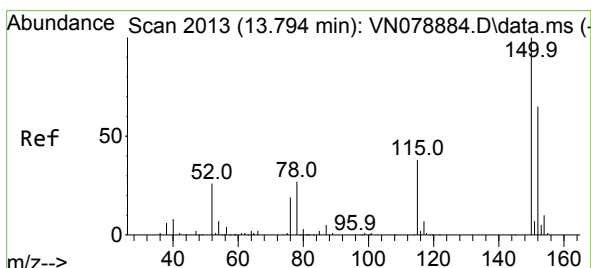
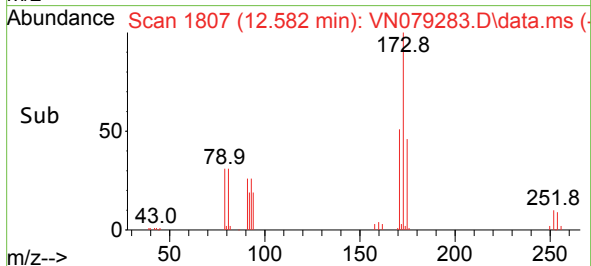
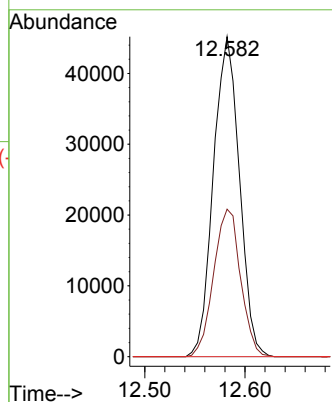
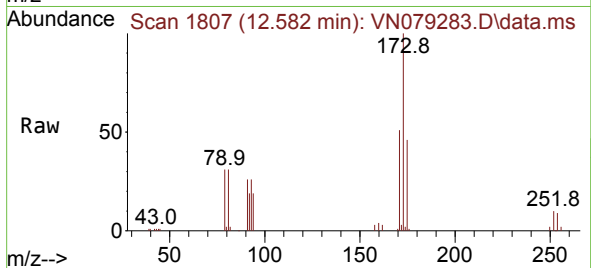
Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	81487
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.3	73.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

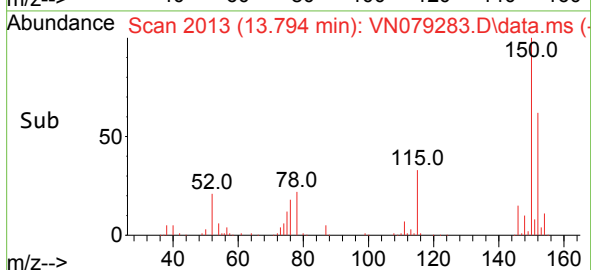
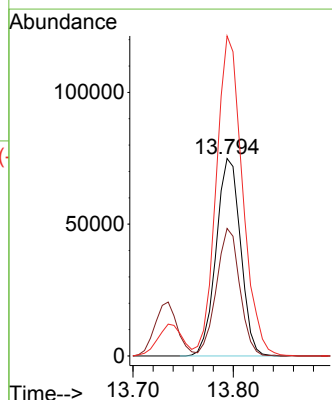
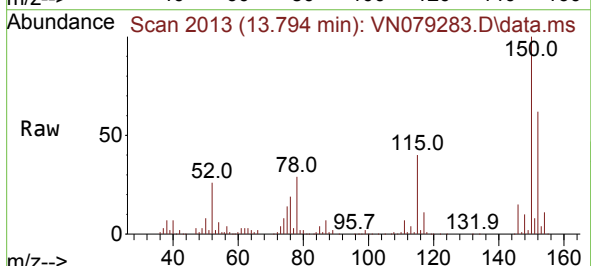
RT: 13.794 min Scan# 2013

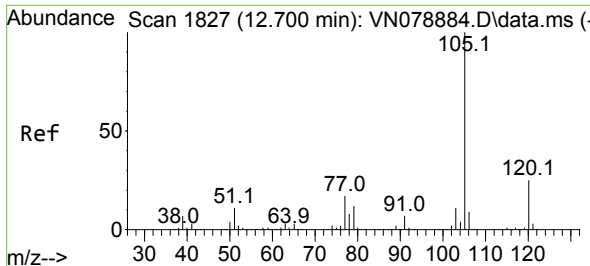
Delta R.T. -0.000 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Tgt Ion:	152	Resp:	126741
Ion Ratio	Lower	Upper	
152	100		
115	61.9	32.3	96.8
150	174.2	0.0	355.8

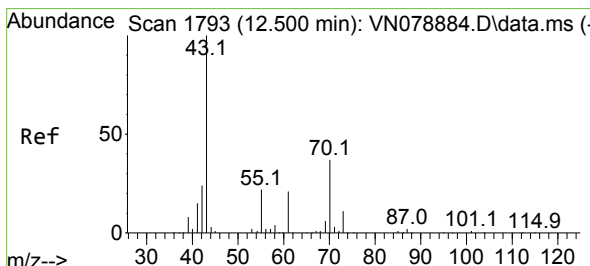
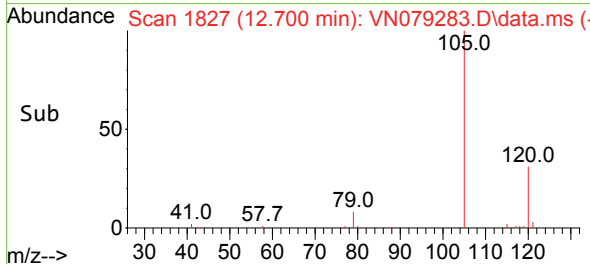
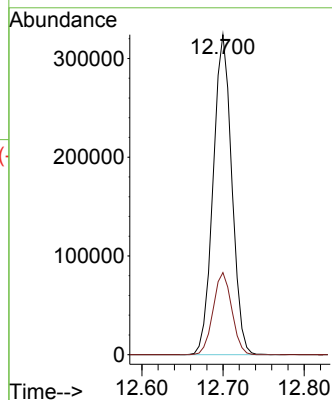
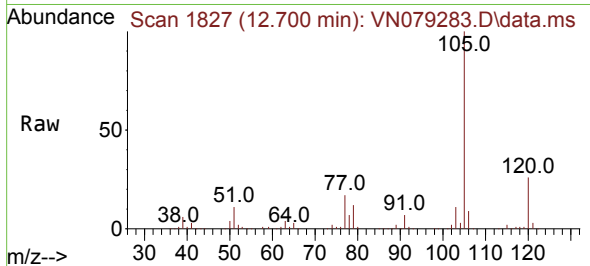




#73
Isopropylbenzene
Concen: 44.839 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

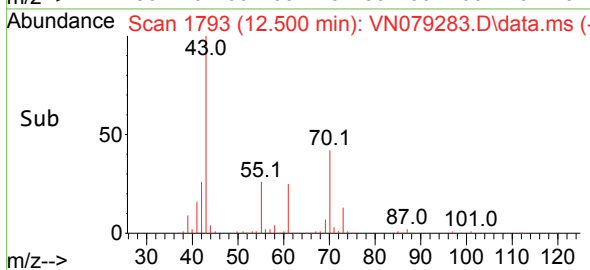
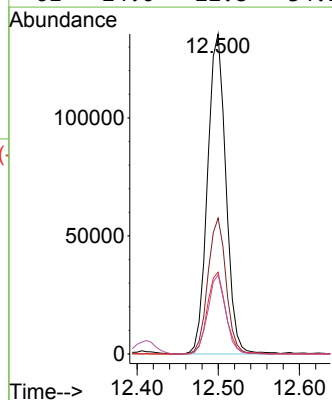
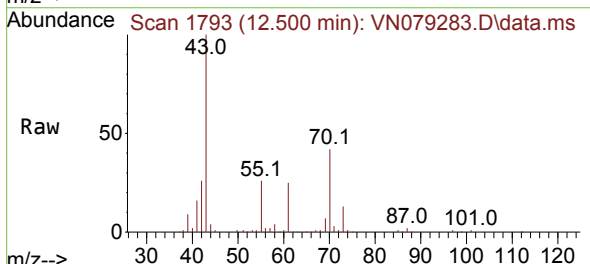
Instrument :
MSVOA_N
ClientSampleId :

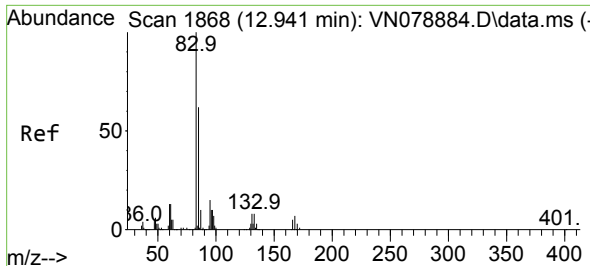
Tgt Ion:105 Resp: 517041
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1



#74
N-ethyl acetate
Concen: 48.689 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 43 Resp: 213005
Ion Ratio Lower Upper
43 100
70 42.1 43.4 65.2#
55 25.7 21.4 32.0
61 24.0 22.8 34.2

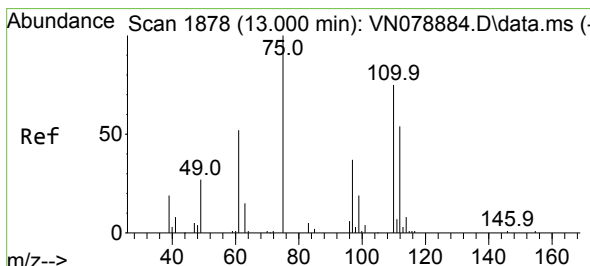
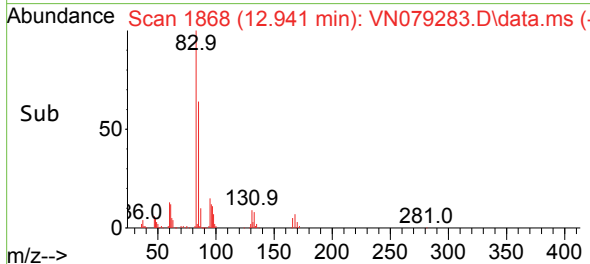
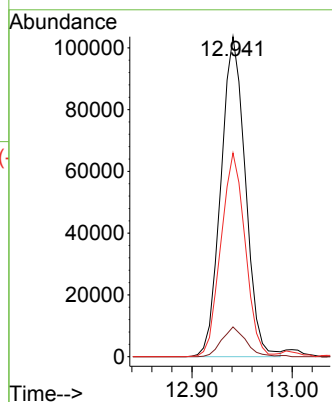
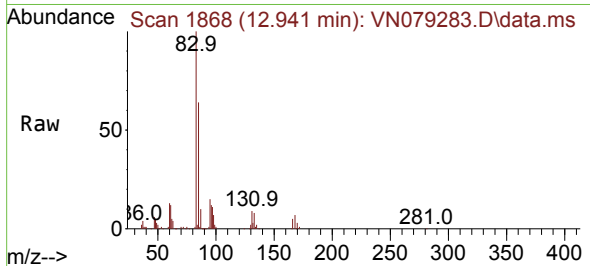




#75
1,1,2-Tetrachloroethane
Concen: 40.905 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

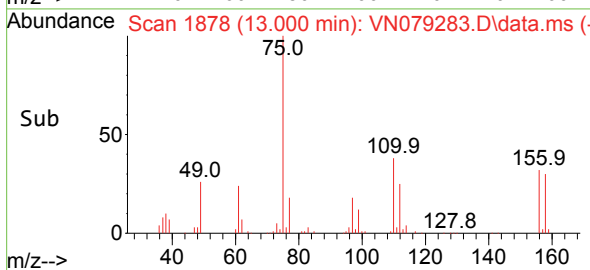
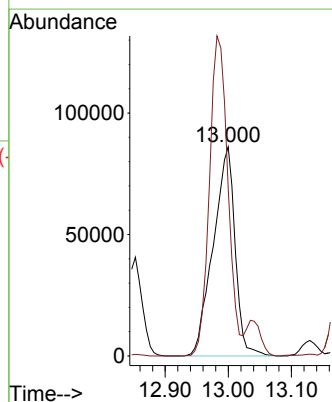
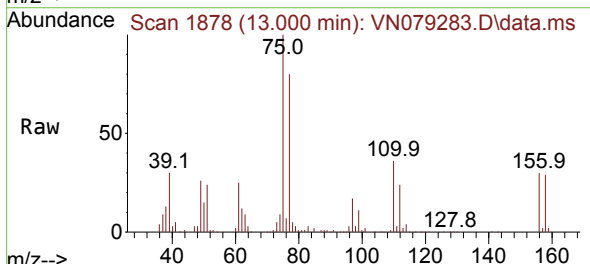
Instrument :
MSVOA_N
ClientSampleId :

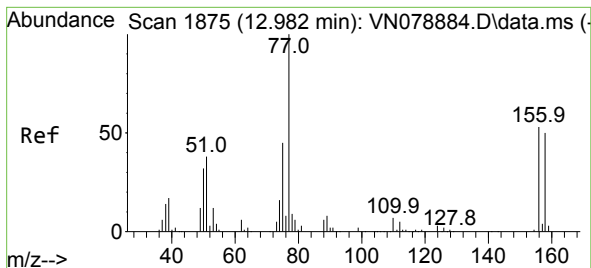
Tgt Ion: 83 Resp: 175642
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 63.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 60.672 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 75 Resp: 207244
Ion Ratio Lower Upper
75 100
77 129.3 84.5 253.5





#77

Bromobenzene

Concen: 40.043 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

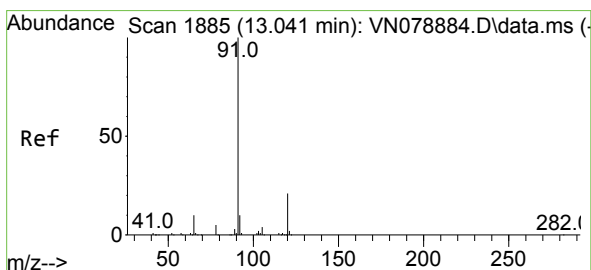
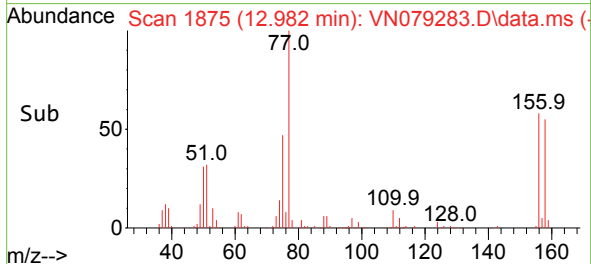
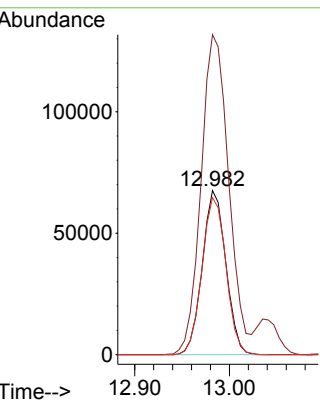
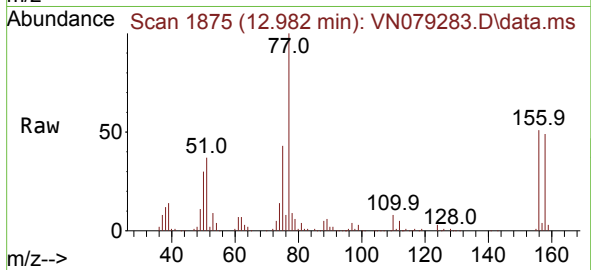
Tgt Ion:156 Resp: 116919

Ion Ratio Lower Upper

156 100

77 229.2 107.7 323.3

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 47.621 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079283.D

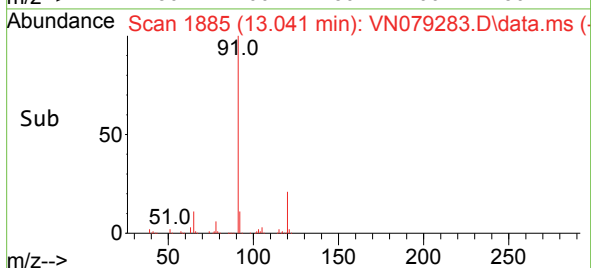
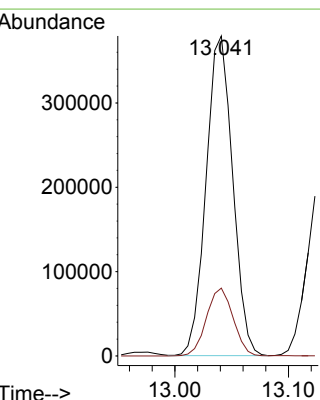
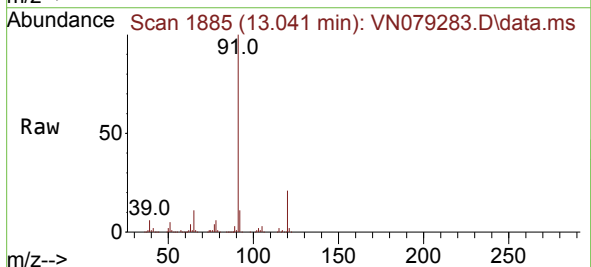
Acq: 15 Sep 2023 19:43

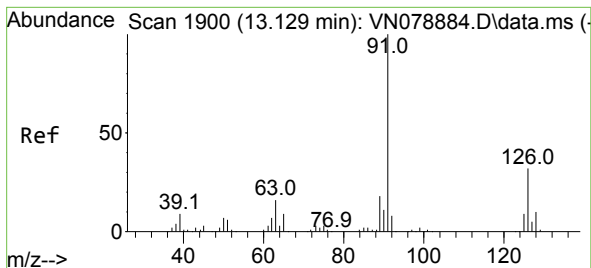
Tgt Ion: 91 Resp: 616859

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 43.194 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

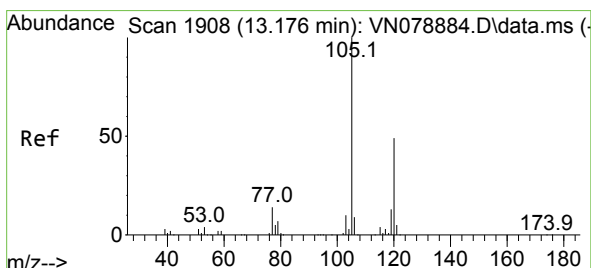
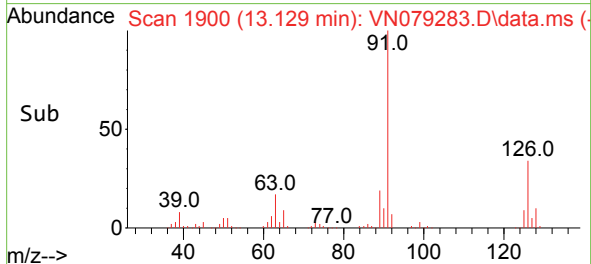
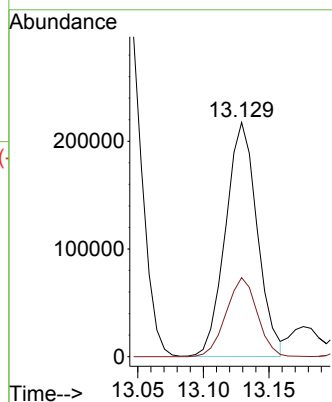
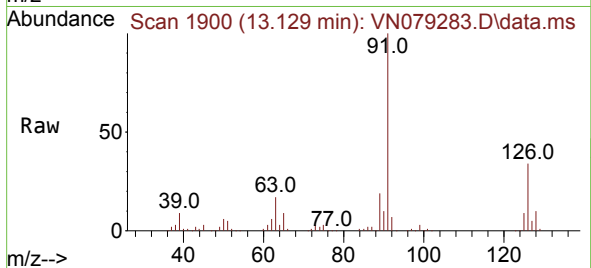
ClientSampleId :

Tgt Ion: 91 Resp: 365947

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 44.682 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079283.D

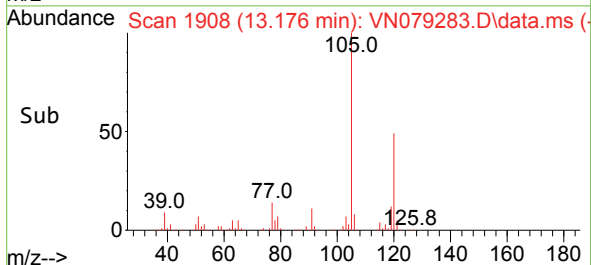
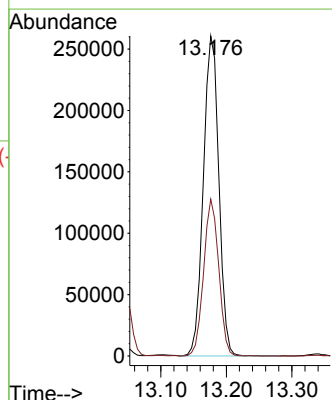
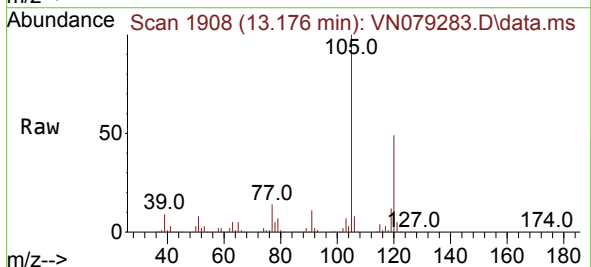
Acq: 15 Sep 2023 19:43

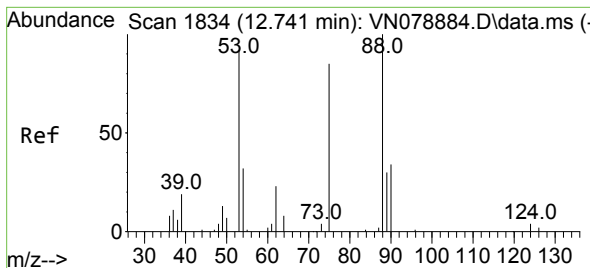
Tgt Ion:105 Resp: 429320

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.3

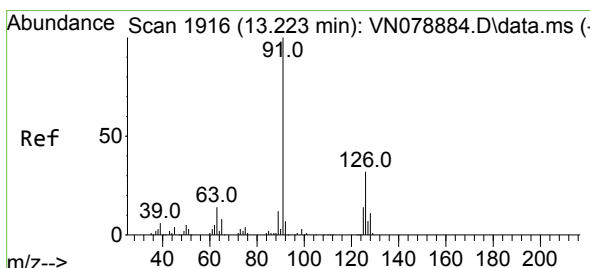
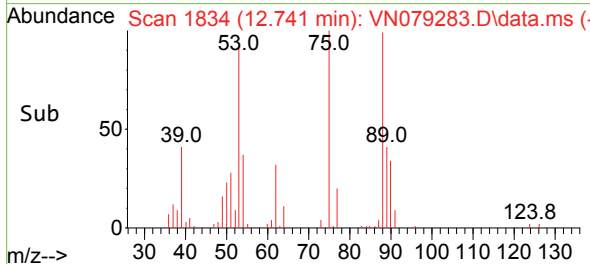
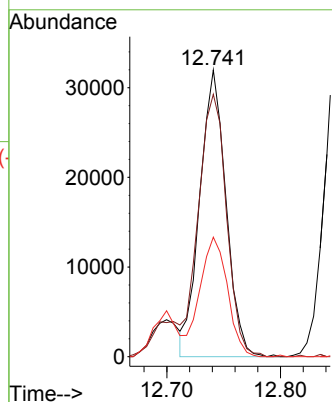
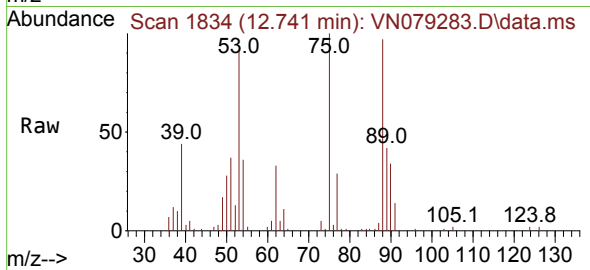




#81
trans-1,4-Dichloro-2-butene
Concen: 41.218 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

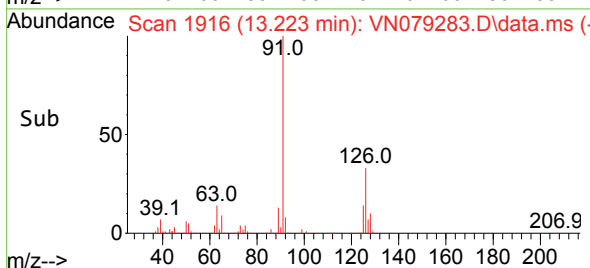
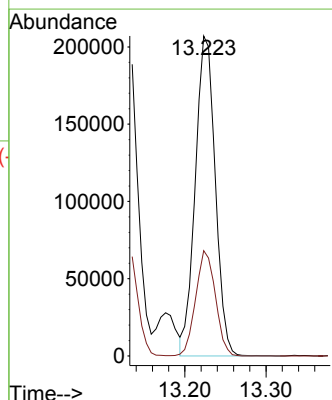
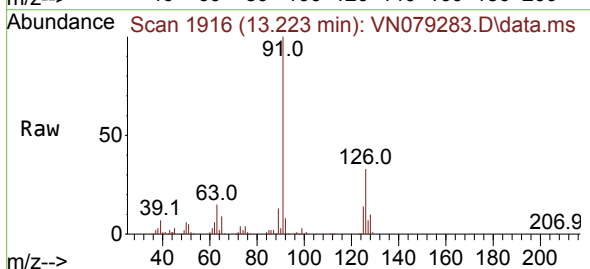
Instrument :
MSVOA_N
ClientSampleId :

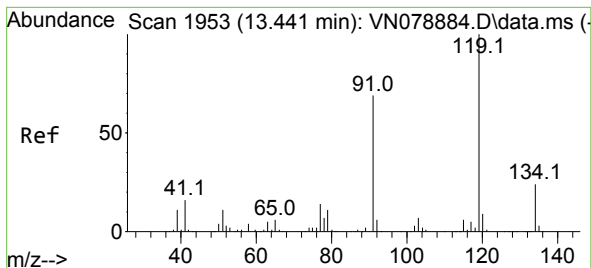
Tgt Ion: 75 Resp: 51213
Ion Ratio Lower Upper
75 100
53 111.4 67.4 101.2#
89 44.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 44.538 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 91 Resp: 354565
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0

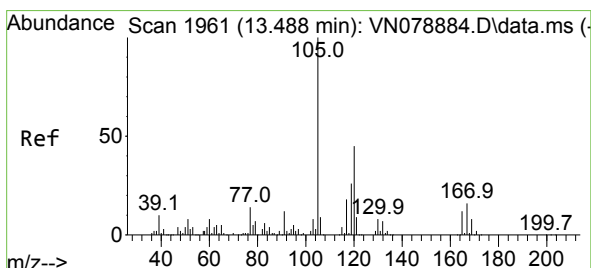
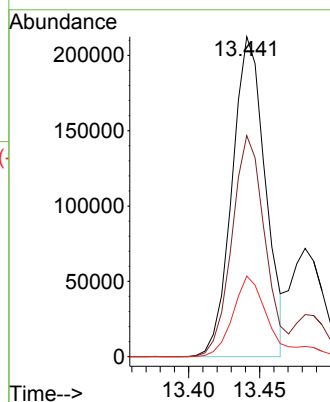
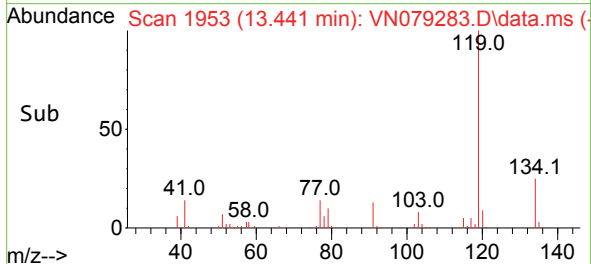
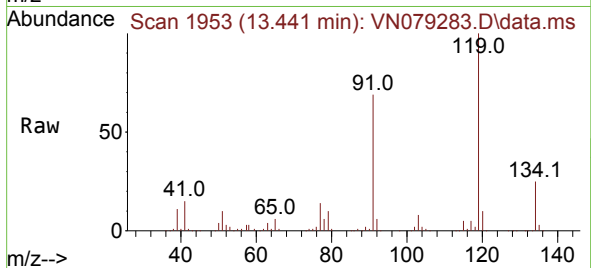




#83
 tert-Butylbenzene
 Concen: 43.520 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN079283.D
 Acq: 15 Sep 2023 19:43

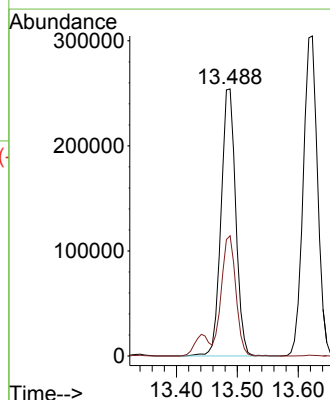
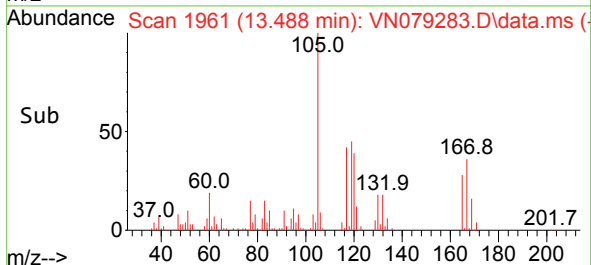
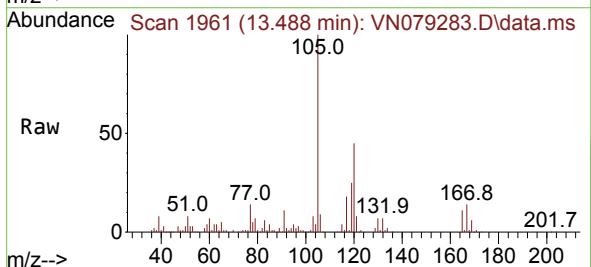
Instrument :
 MSVOA_N
 ClientSampleId :

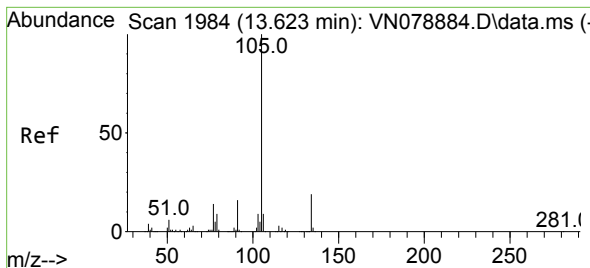
Tgt Ion:119 Resp: 345923
 Ion Ratio Lower Upper
 119 100
 91 69.2 33.9 101.7
 134 27.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 46.442 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN079283.D
 Acq: 15 Sep 2023 19:43

Tgt Ion:105 Resp: 424969
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 45.492 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

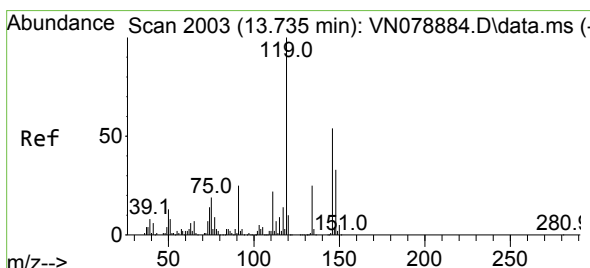
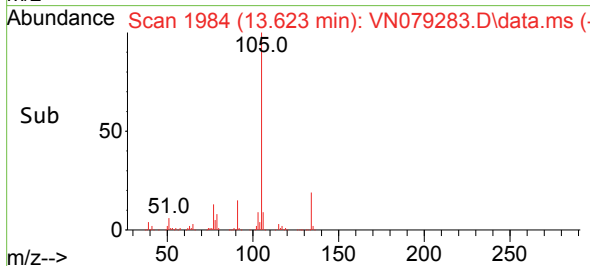
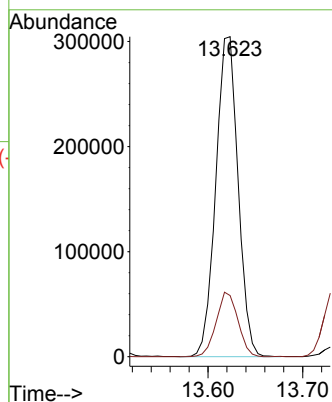
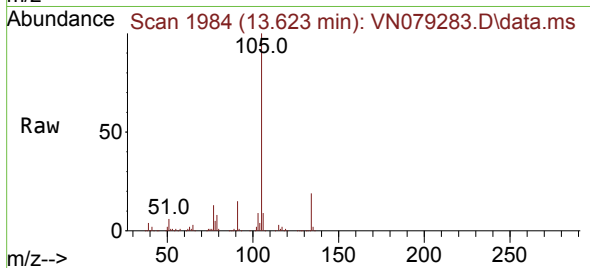
ClientSampleId :

Tgt Ion:105 Resp: 497816

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 45.743 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

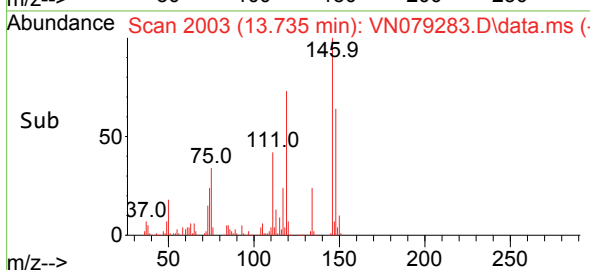
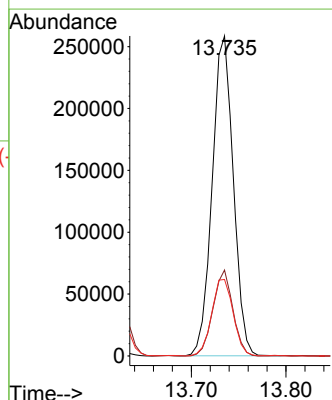
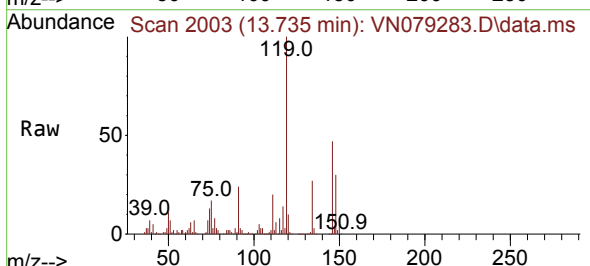
Tgt Ion:119 Resp: 399911

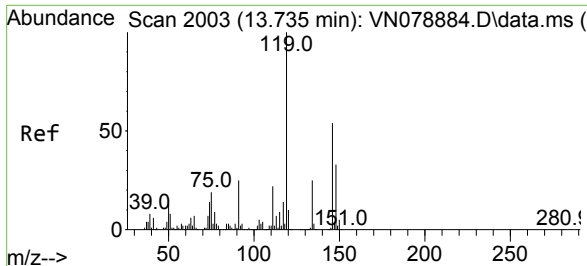
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 43.329 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

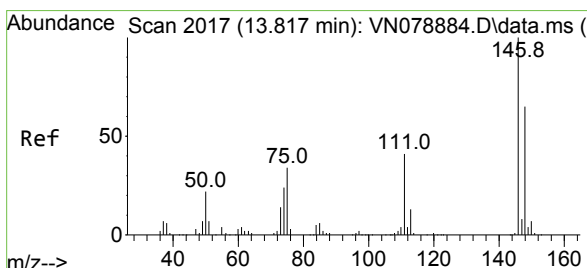
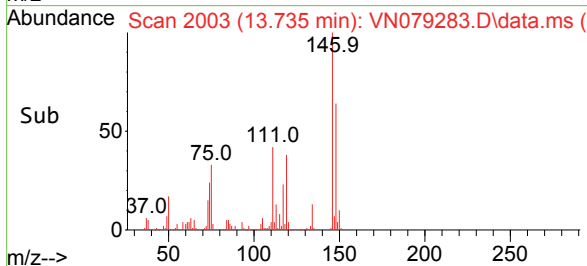
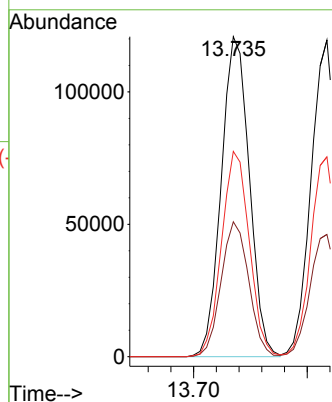
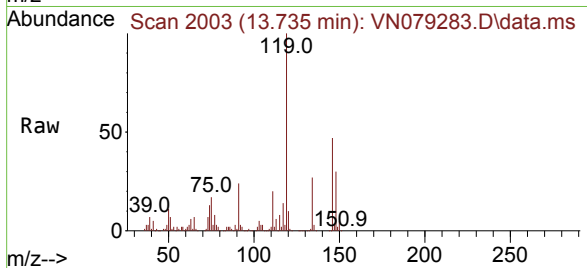
Tgt Ion:146 Resp: 207505

Ion Ratio Lower Upper

146 100

111 41.6 22.1 66.3

148 63.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 41.153 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

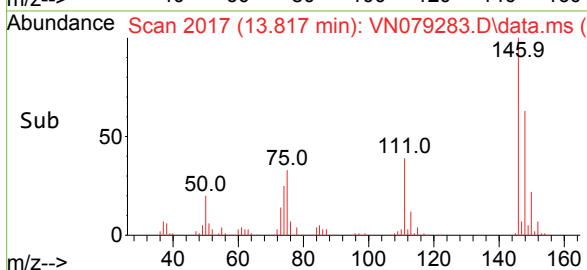
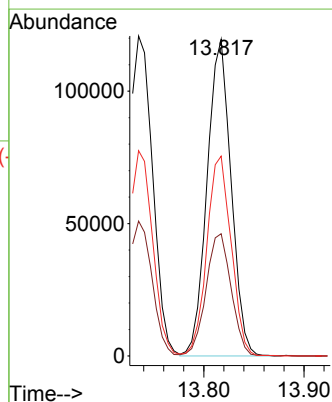
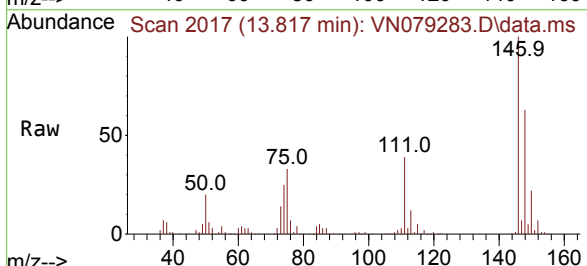
Tgt Ion:146 Resp: 199149

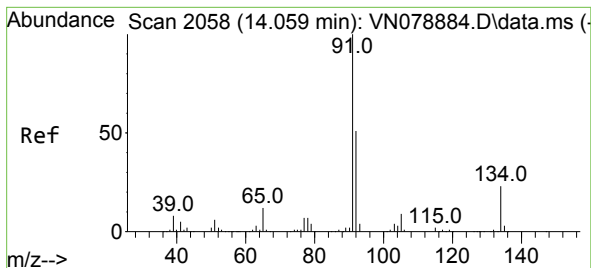
Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.8

148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 47.150 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

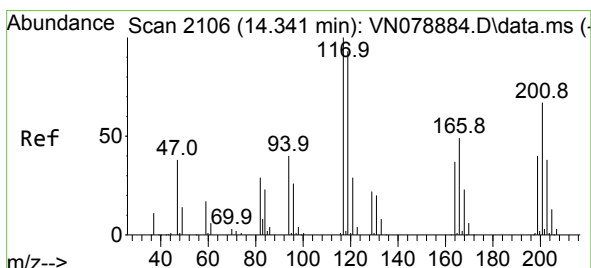
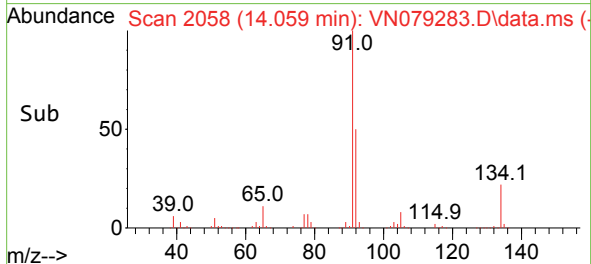
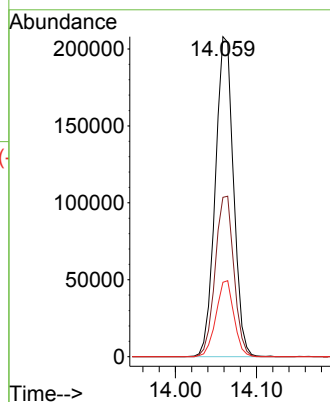
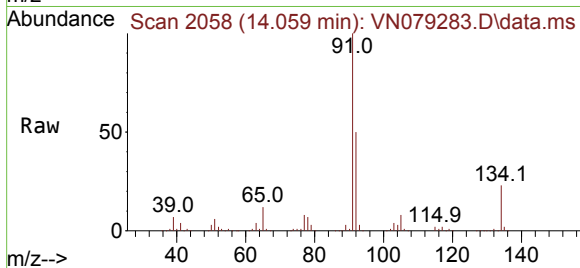
Tgt Ion: 91 Resp: 324147

Ion Ratio Lower Upper

91 100

92 51.5 26.4 79.0

134 23.5 12.6 37.6



#90

Hexachloroethane

Concen: 43.105 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN079283.D

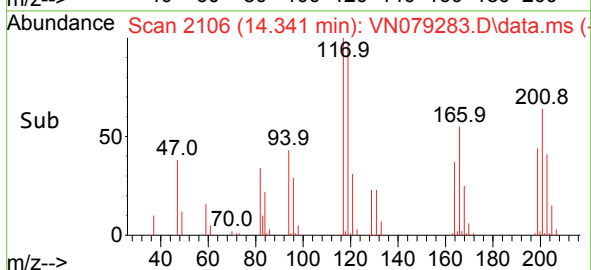
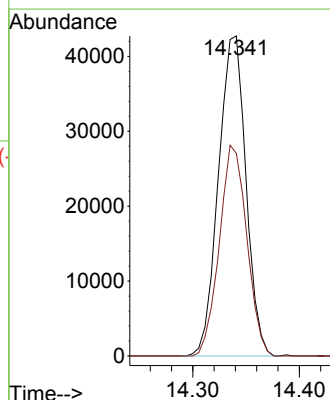
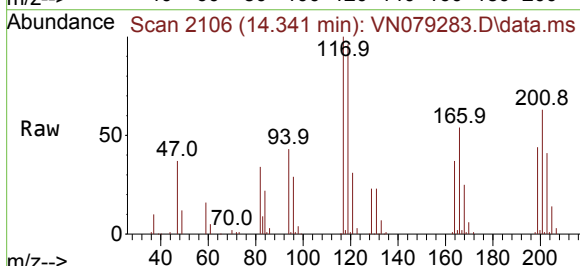
Acq: 15 Sep 2023 19:43

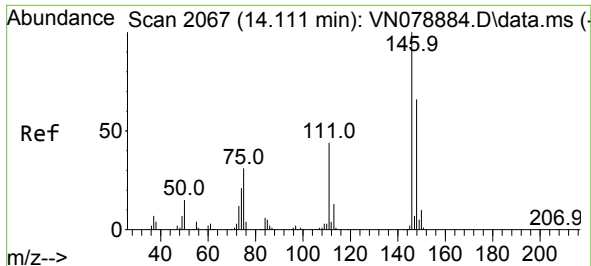
Tgt Ion: 117 Resp: 76527

Ion Ratio Lower Upper

117 100

201 65.9 29.3 88.0

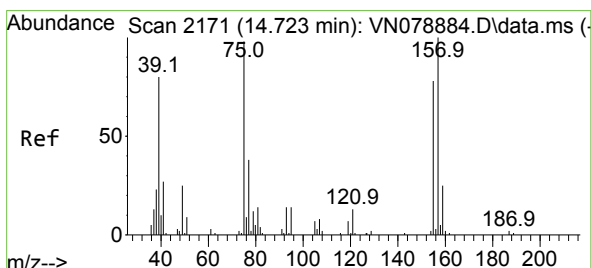
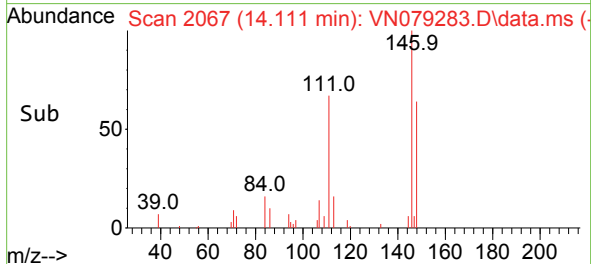
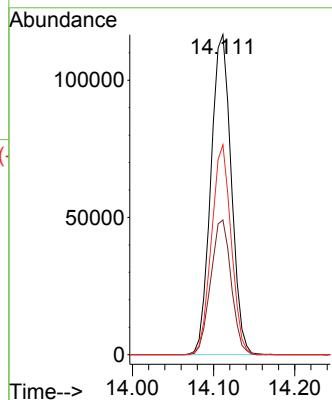
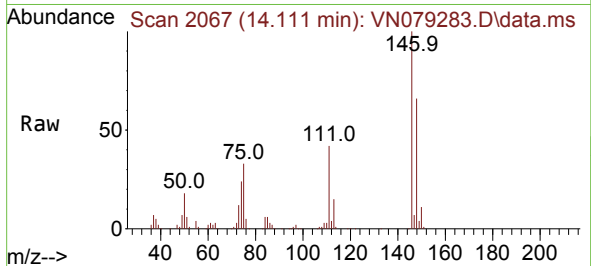




#91
1,2-Dichlorobenzene
Concen: 43.038 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

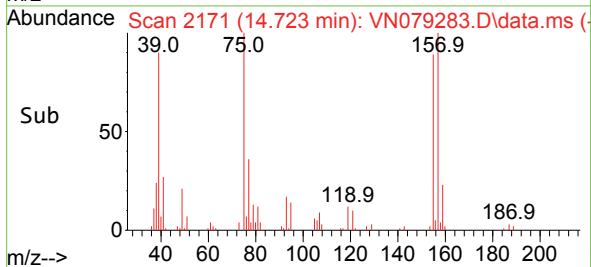
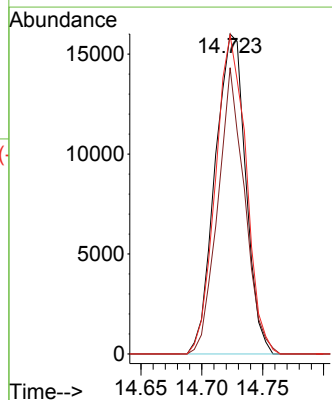
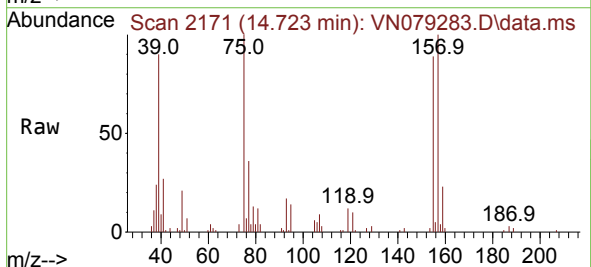
Instrument :
MSVOA_N
ClientSampleId :

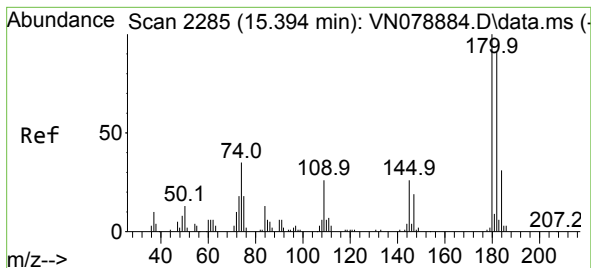
Tgt Ion:146 Resp: 203468
Ion Ratio Lower Upper
146 100
111 42.2 22.0 66.0
148 63.3 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.771 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079283.D
Acq: 15 Sep 2023 19:43

Tgt Ion: 75 Resp: 27919
Ion Ratio Lower Upper
75 100
155 78.5 39.1 117.2
157 99.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 41.913 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

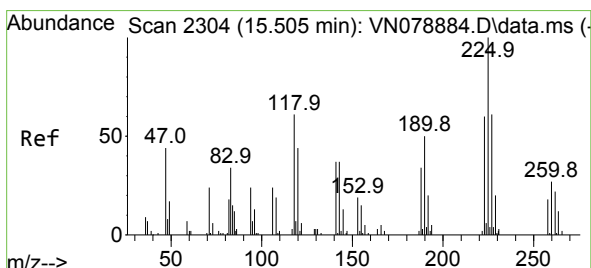
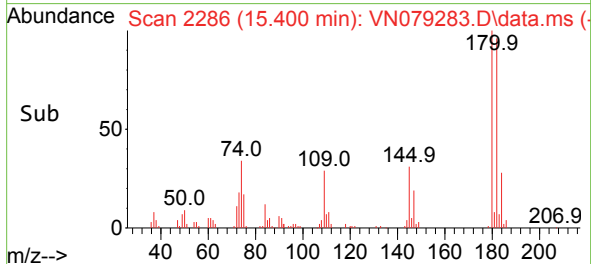
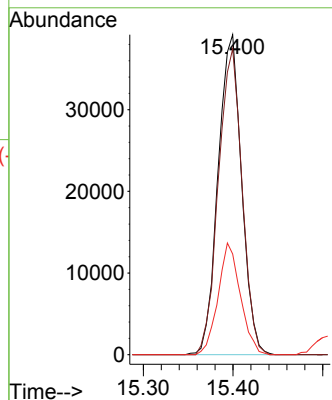
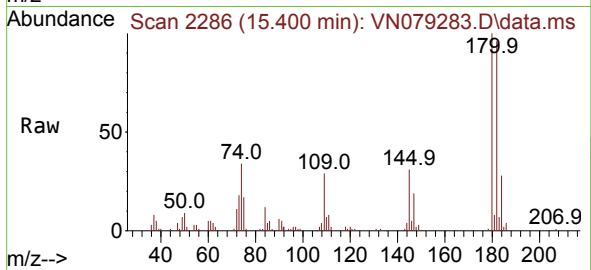
Tgt Ion:180 Resp: 71208

Ion Ratio Lower Upper

180 100

182 96.2 46.1 138.2

145 33.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 33.403 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

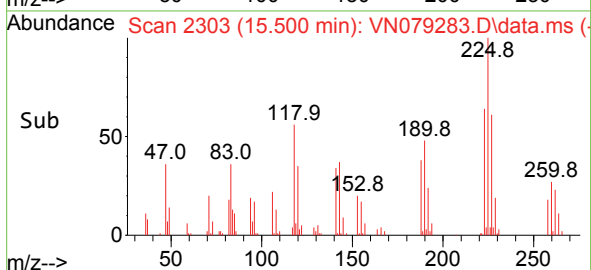
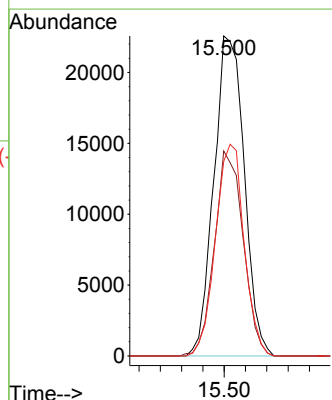
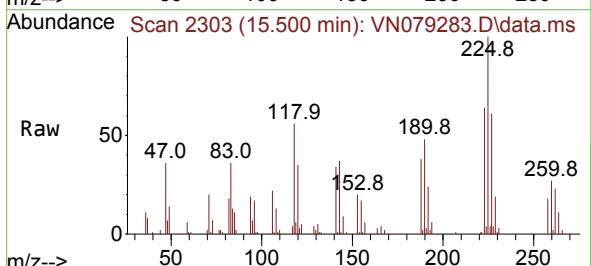
Tgt Ion:225 Resp: 44642

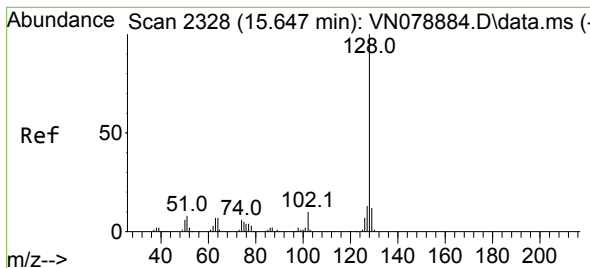
Ion Ratio Lower Upper

225 100

223 60.7 31.3 93.8

227 62.3 31.9 95.9





#95

Naphthalene

Concen: 39.950 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

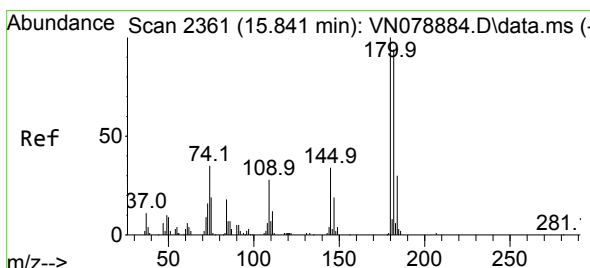
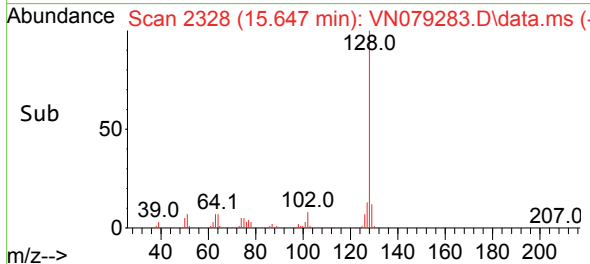
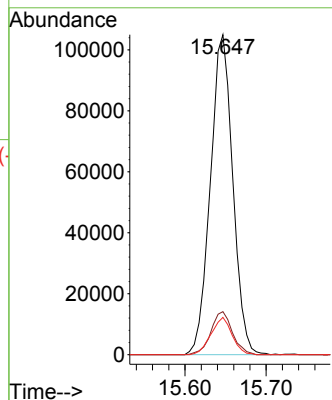
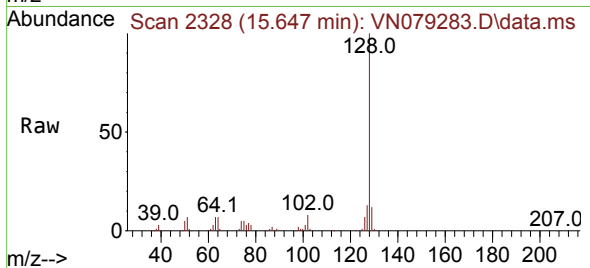
Tgt Ion:128 Resp: 201587

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 38.172 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079283.D

Acq: 15 Sep 2023 19:43

Tgt Ion:180 Resp: 76498

Ion Ratio Lower Upper

180 100

182 92.8 46.2 138.6

145 34.0 17.5 52.6

