

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079892.D
 Acq On : 04 Nov 2023 14:54
 Operator : JC\MD
 Sample : VN1104WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 06 02:13:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	311341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	542660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	496011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222330	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	263190	55.486	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.980%	
35) Dibromofluoromethane	8.171	113	205119	53.406	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.820%	
50) Toluene-d8	10.571	98	758056	53.614	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.220%	
62) 4-Bromofluorobenzene	12.853	95	246986	52.671	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	73836	19.689	ug/l	99
3) Chloromethane	2.359	50	87870	17.970	ug/l	94
4) Vinyl Chloride	2.512	62	105107	21.411	ug/l	100
5) Bromomethane	2.959	94	56641	18.990	ug/l	100
6) Chloroethane	3.124	64	63332	16.328	ug/l	100
7) Trichlorofluoromethane	3.500	101	157828	25.850	ug/l	99
8) Diethyl Ether	3.965	74	57954	25.013	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	88298	24.947	ug/l	97
10) Methyl Iodide	4.595	142	90198	22.316	ug/l	97
11) Tert butyl alcohol	5.530	59	47755	78.867	ug/l	100
12) 1,1-Dichloroethene	4.342	96	81620	24.355	ug/l	84
13) Acrolein	4.183	56	57778	110.075	ug/l	95
14) Allyl chloride	5.024	41	128335	25.003	ug/l #	92
15) Acrylonitrile	5.724	53	179588	95.172	ug/l	99
16) Acetone	4.430	43	212293	127.414	ug/l	93
17) Carbon Disulfide	4.712	76	227666	23.552	ug/l	98
18) Methyl Acetate	5.024	43	200577	25.162	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	215215	18.653	ug/l	93
20) Methylene Chloride	5.277	84	77032	18.323	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	70056	18.744	ug/l #	76
22) Diisopropyl ether	6.671	45	247042	20.769	ug/l #	91
23) Vinyl Acetate	6.606	43	588089	89.631	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	143847	19.896	ug/l	99
25) 2-Butanone	7.488	43	239624	98.212	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	109329	18.285	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	81921	18.323	ug/l	84
28) Bromochloromethane	7.818	49	73594	20.887	ug/l #	72
29) Tetrahydrofuran	7.841	42	156334	98.484	ug/l #	74
30) Chloroform	7.971	83	153927	19.600	ug/l	90
31) Cyclohexane	8.259	56	117852	18.802	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	127388	19.908	ug/l	95
36) 1,1-Dichloropropene	8.383	75	105193	19.182	ug/l	94
37) Ethyl Acetate	7.565	43	104914	20.860	ug/l #	89
38) Carbon Tetrachloride	8.365	117	108469	19.626	ug/l	99
39) Methylcyclohexane	9.606	83	96339	18.667	ug/l #	87
40) Benzene	8.606	78	321101	19.549	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	53060	19.867	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	122688	21.384	ug/l	96
43) Isopropyl Acetate	8.694	43	164364	18.635	ug/l #	90
44) Trichloroethene	9.359	130	77259	18.956	ug/l	97
45) 1,2-Dichloropropane	9.624	63	84806	20.204	ug/l	96
46) Dibromomethane	9.712	93	57308	19.995	ug/l	98
47) Bromodichloromethane	9.888	83	118284	19.351	ug/l	99
48) Methyl methacrylate	9.688	41	77577	20.081	ug/l #	78
49) 1,4-Dioxane	9.694	88	25486	373.344	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	501549	101.004	ug/l	90
52) Toluene	10.635	92	193460	19.867	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	114369	19.086	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	127134	19.465	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	78260	19.982	ug/l	97
56) Ethyl methacrylate	10.876	69	103777	18.576	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	138580	20.074	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	255340	90.178	ug/l	89
59) 2-Hexanone	11.200	43	360627	94.935	ug/l	86
60) Dibromochloromethane	11.365	129	81583	19.460	ug/l	99
61) 1,2-Dibromoethane	11.471	107	77176	19.632	ug/l	94
64) Tetrachloroethene	11.106	164	71231	22.174	ug/l	96
65) Chlorobenzene	11.894	112	199306	18.524	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	76807	19.813	ug/l	97
67) Ethyl Benzene	11.965	91	348579	18.595	ug/l	96
68) m/p-Xylenes	12.076	106	262052	37.527	ug/l	93
69) o-Xylene	12.400	106	127058	18.895	ug/l	93
70) Styrene	12.412	104	207904	19.239	ug/l	96
71) Bromoform	12.582	173	52693	19.143	ug/l #	100
73) Isopropylbenzene	12.700	105	309256	18.328	ug/l	99
74) N-amyl acetate	12.500	43	123482	16.766	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	109601	18.320	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	135026	25.869	ug/l	74
77) Bromobenzene	12.982	156	81096	19.631	ug/l	95
78) n-propylbenzene	13.041	91	371497	19.226	ug/l	97
79) 2-Chlorotoluene	13.129	91	235288	19.061	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	258707	19.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	29365	15.307	ug/l #	69
82) 4-Chlorotoluene	13.223	91	236946	19.317	ug/l	99
83) tert-Butylbenzene	13.441	119	204948	19.072	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	252487	19.548	ug/l	99
85) sec-Butylbenzene	13.623	105	288257	19.361	ug/l	99
86) p-Isopropyltoluene	13.735	119	231465	19.069	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	139536	18.157	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	141187	18.100	ug/l	100
89) n-Butylbenzene	14.059	91	190459	18.217	ug/l	97
90) Hexachloroethane	14.335	117	44611	18.558	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	139170	19.184	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19542	19.262	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	59472	17.241	ug/l	99
94) Hexachlorobutadiene	15.506	225	30698	19.631	ug/l	98
95) Naphthalene	15.647	128	166669	14.247	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	58689	17.357	ug/l	98

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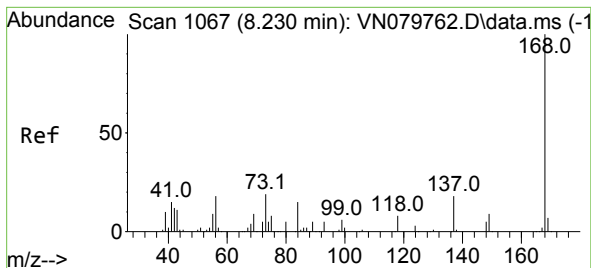
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. 0.001 min

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Instrument :

MSVOA_N

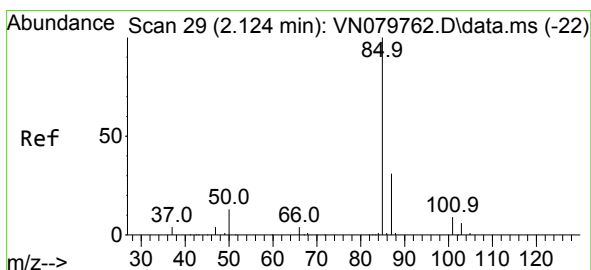
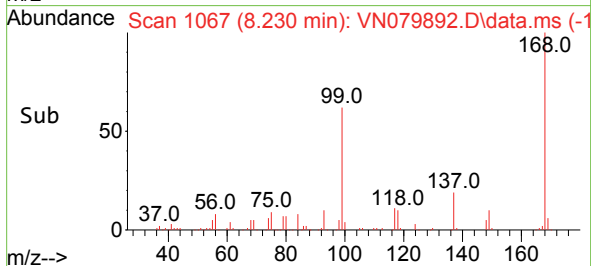
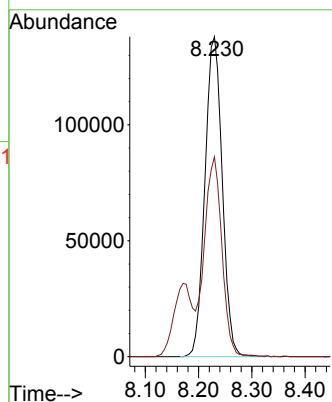
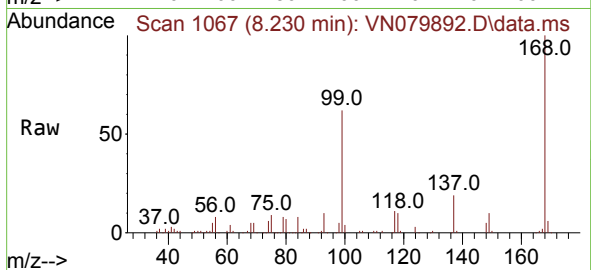
ClientSampleId :

Tgt Ion:168 Resp: 311341

Ion Ratio Lower Upper

168 100

99 62.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 19.689 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079892.D

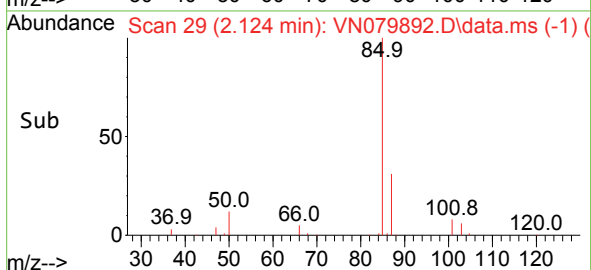
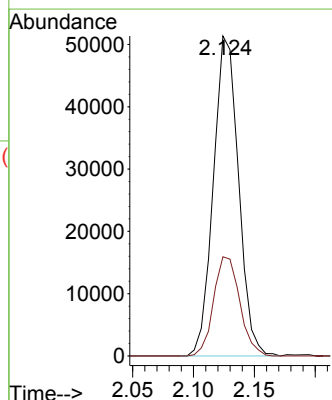
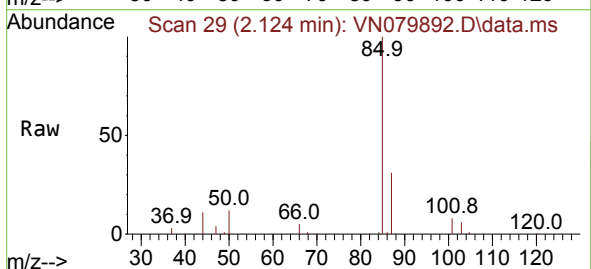
Acq: 04 Nov 2023 14:54

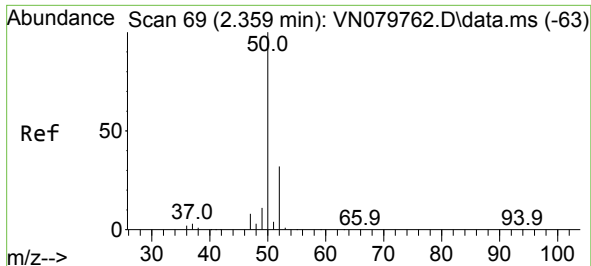
Tgt Ion: 85 Resp: 73836

Ion Ratio Lower Upper

85 100

87 31.0 15.8 47.4

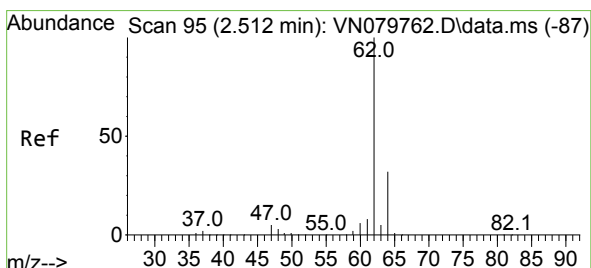
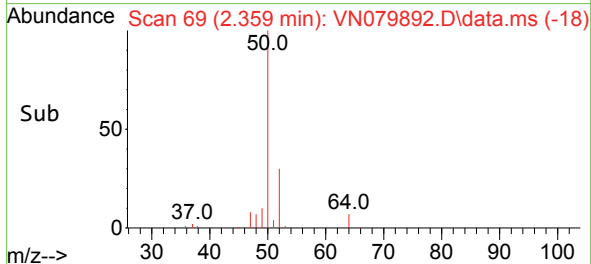
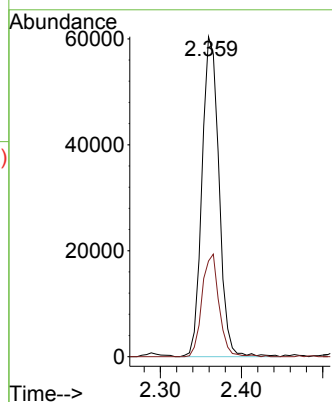
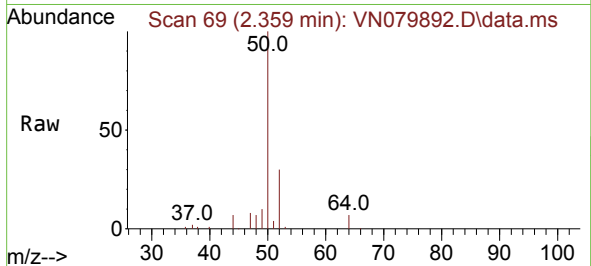




#3
Chloromethane
Concen: 17.970 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079892.D
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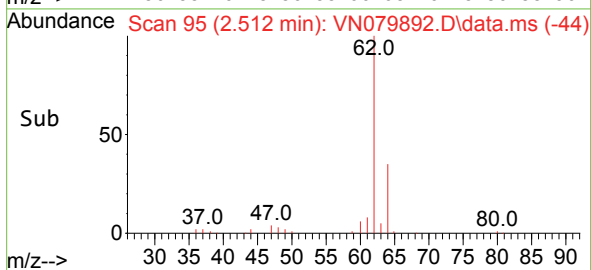
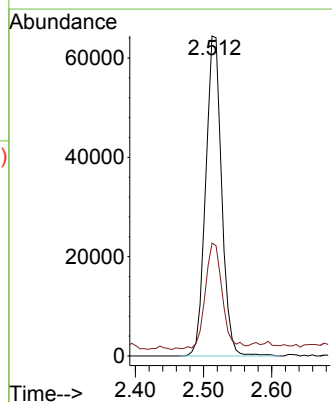
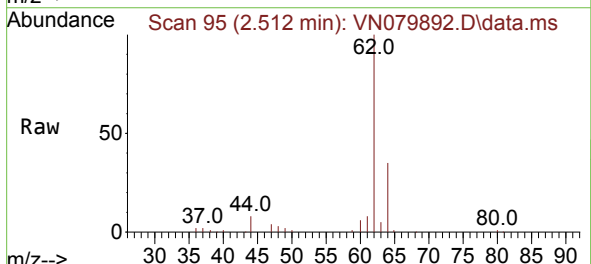
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 50 Resp: 87870
Ion Ratio Lower Upper
50 100
52 29.9 26.5 39.7



#4
Vinyl Chloride
Concen: 21.411 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 62 Resp: 105107
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2

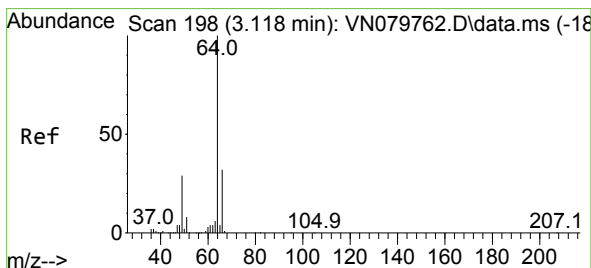
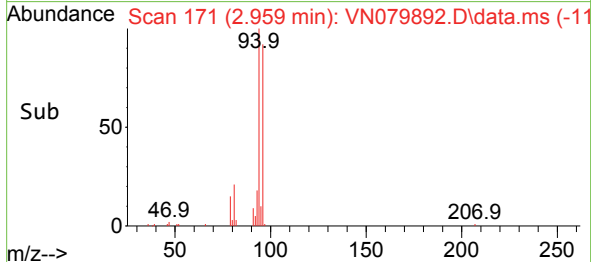
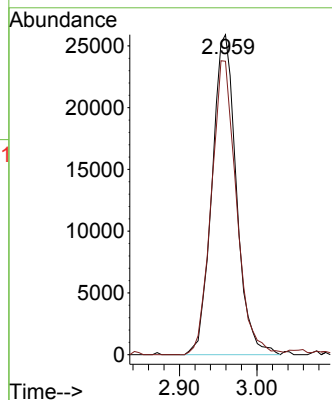
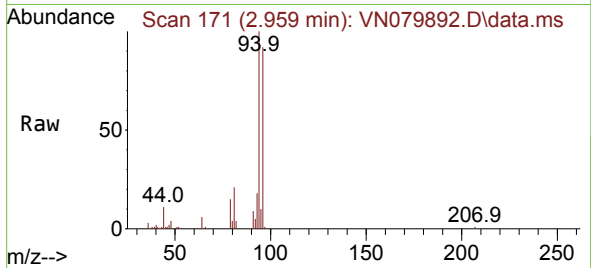




#5
Bromomethane
Concen: 18.990 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

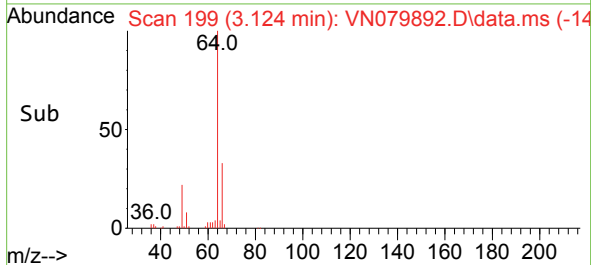
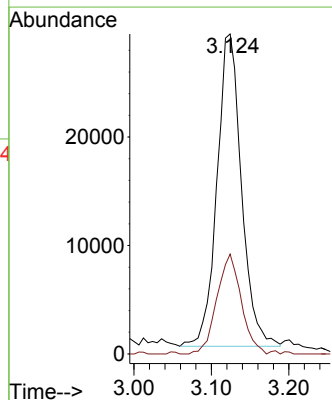
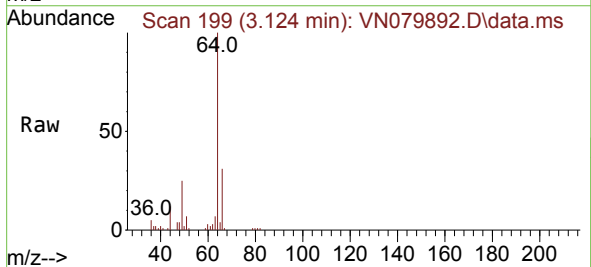
Instrument :
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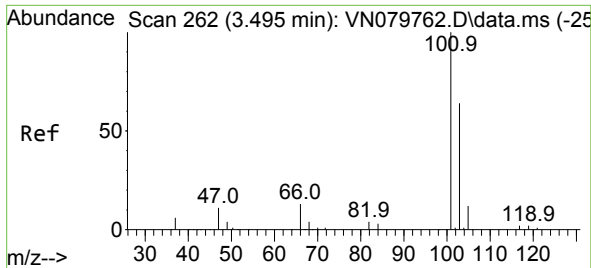
Tgt Ion: 94 Resp: 56641
Ion Ratio Lower Upper
94 100
96 91.7 73.1 109.7



#6
Chloroethane
Concen: 16.328 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 64 Resp: 63332
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2

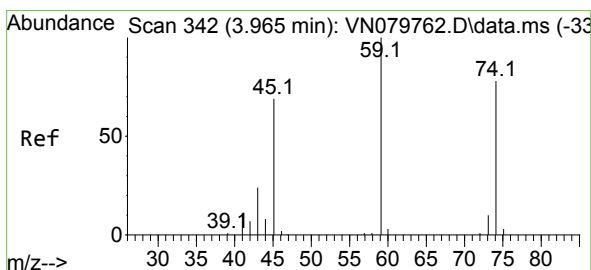
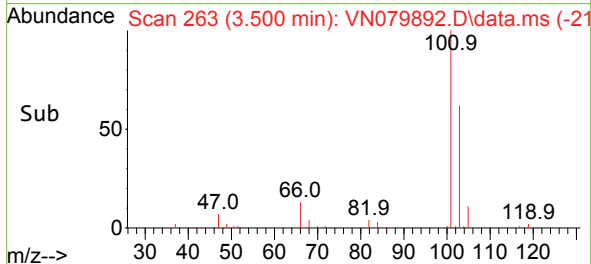
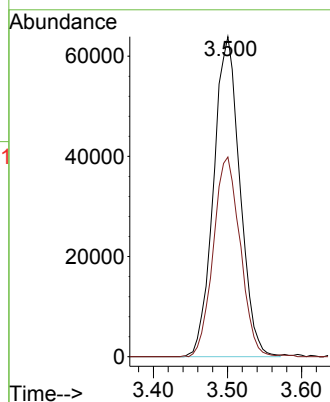
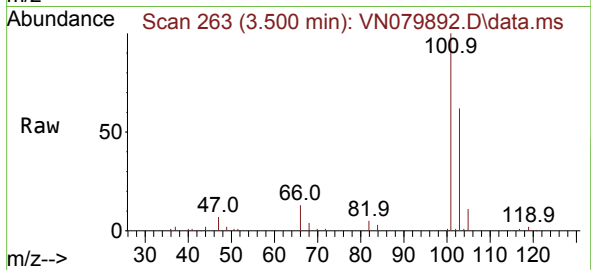




#7
Trichlorofluoromethane
Concen: 25.850 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079892.D
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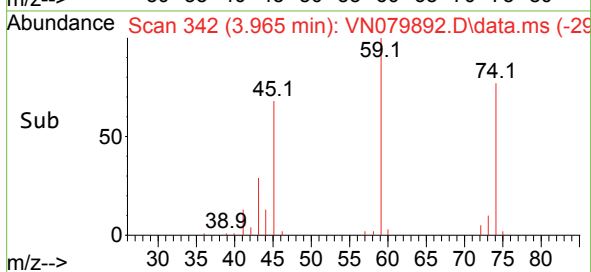
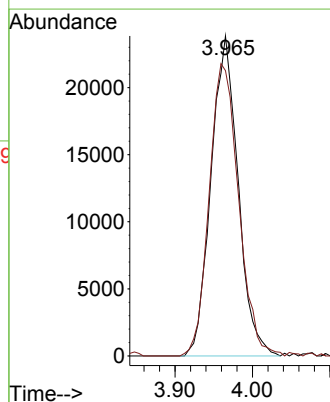
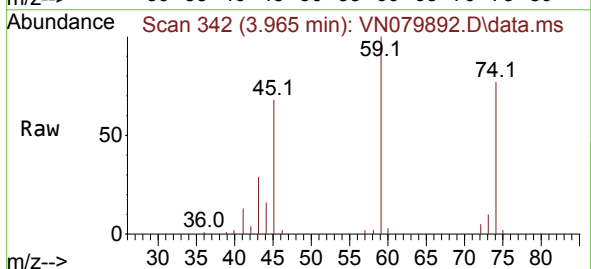
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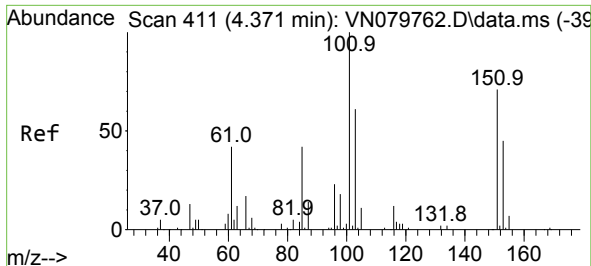
Tgt Ion:101 Resp: 157828
Ion Ratio Lower Upper
101 100
103 62.4 50.7 76.1



#8
Diethyl Ether
Concen: 25.013 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 74 Resp: 57954
Ion Ratio Lower Upper
74 100
45 99.2 34.4 103.3

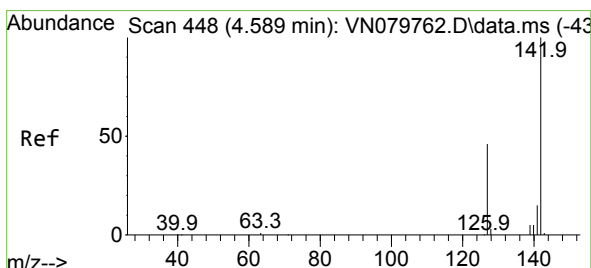
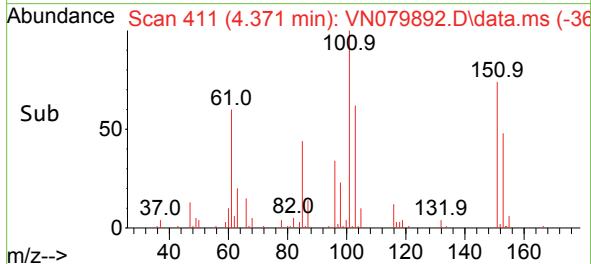
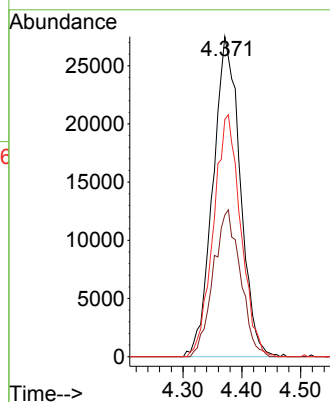
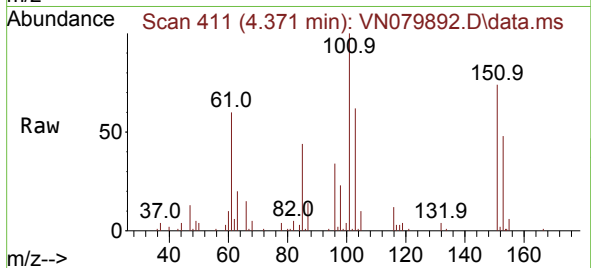




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.947 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079892.D
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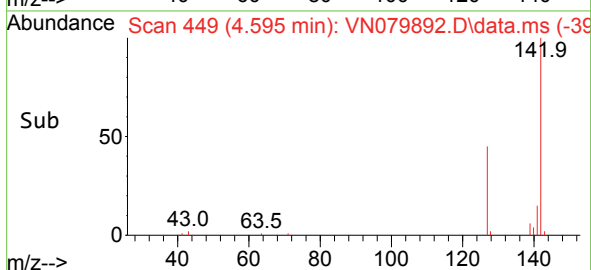
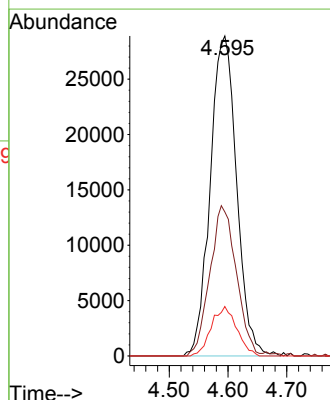
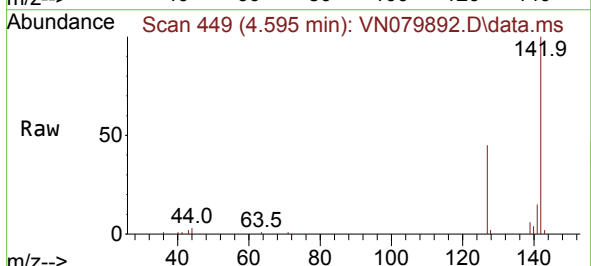
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 88298
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 75.9 57.6 86.4



#10
Methyl Iodide
Concen: 22.316 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion:142 Resp: 90198
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 15.4 11.4 17.0

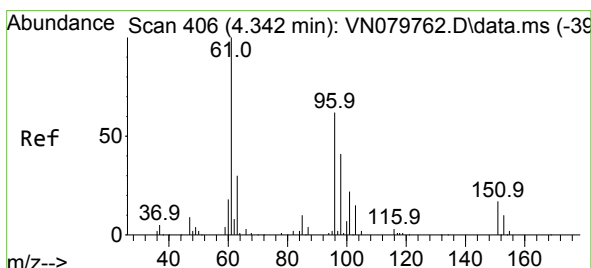
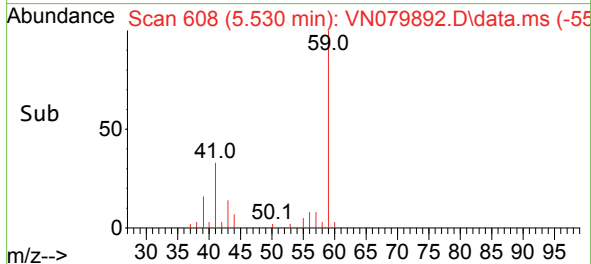
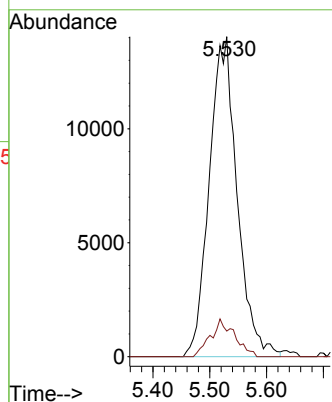
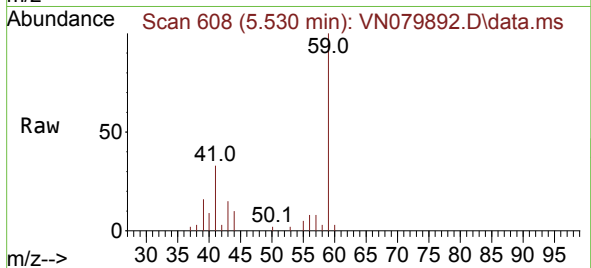




#11
Tert butyl alcohol
Concen: 78.867 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

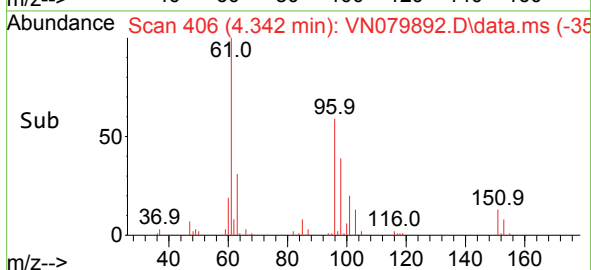
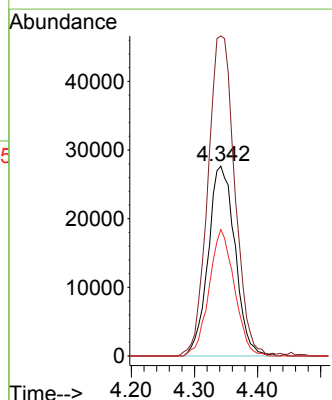
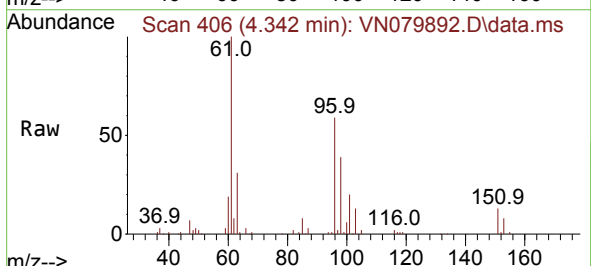
Instrument :
MSVOA_N
ClientSampleId :

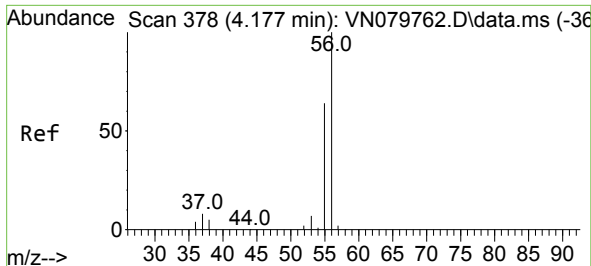
Tgt Ion: 59 Resp: 47755
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 24.355 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 96 Resp: 81620
Ion Ratio Lower Upper
96 100
61 168.1 112.7 169.1
98 66.6 51.2 76.8

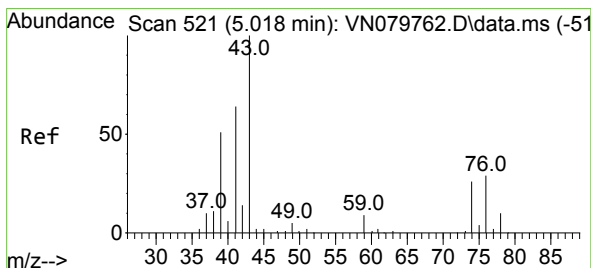
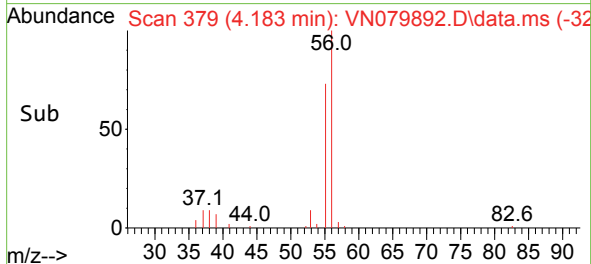
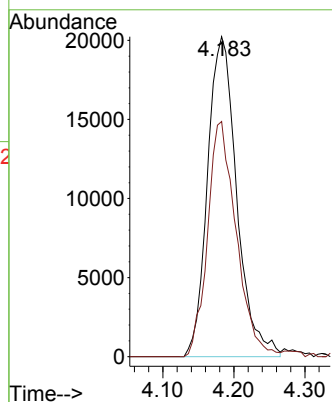
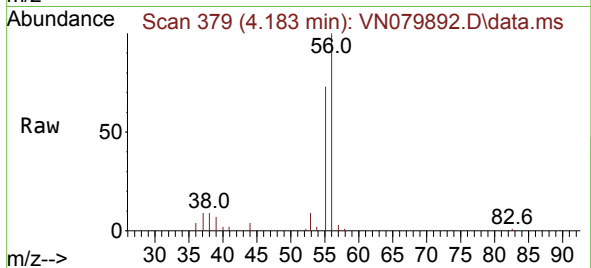




#13
Acrolein
Concen: 110.075 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

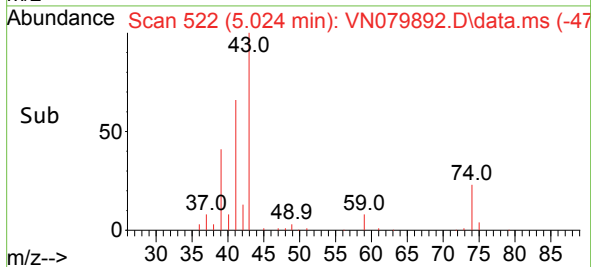
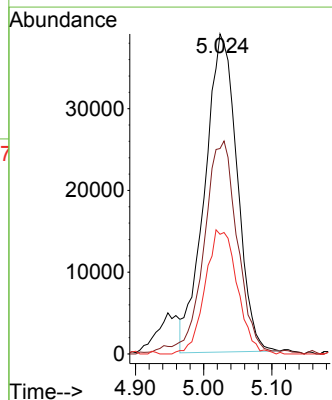
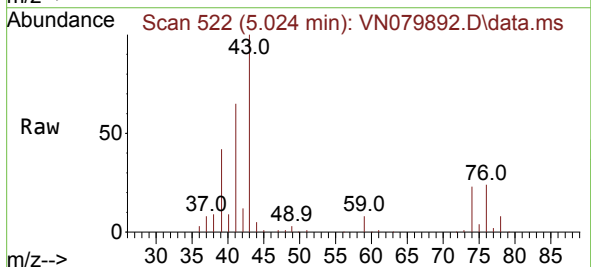
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 57778
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7



#14
Allyl chloride
Concen: 25.003 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 41 Resp: 128335
Ion Ratio Lower Upper
41 100
39 69.9 58.8 88.2
76 38.8 39.1 58.7#

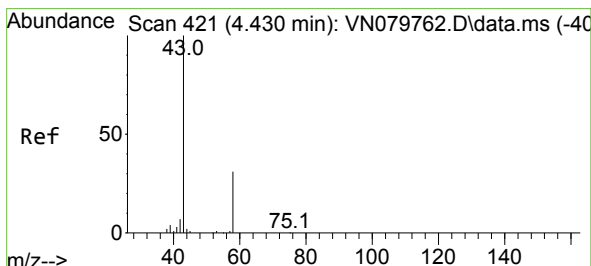
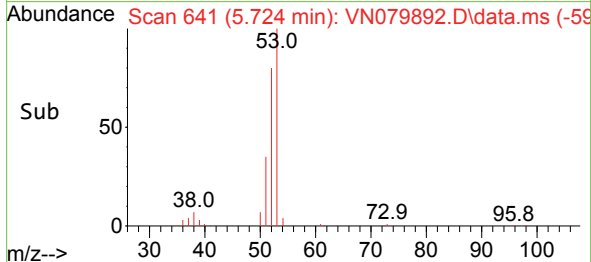
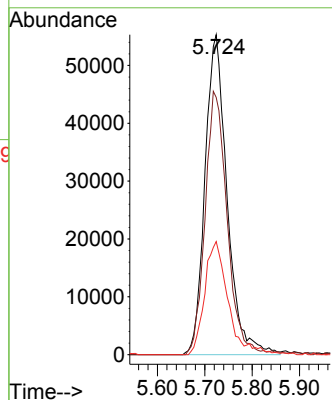
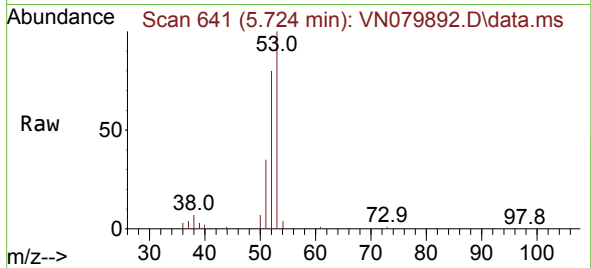




#15
Acrylonitrile
Concen: 95.172 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

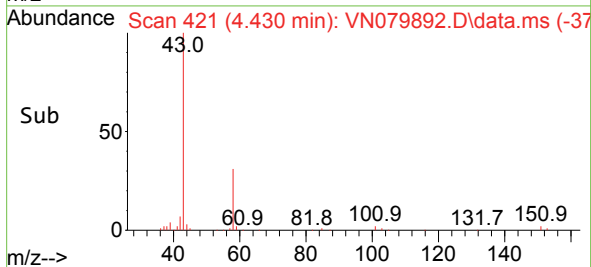
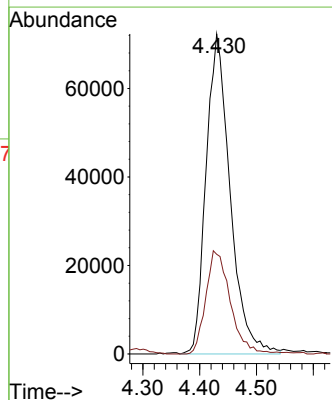
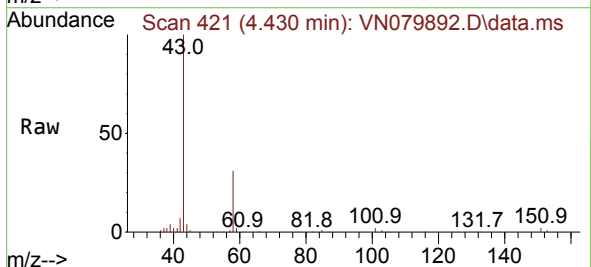
Instrument :
MSVOA_N
ClientSampleId :

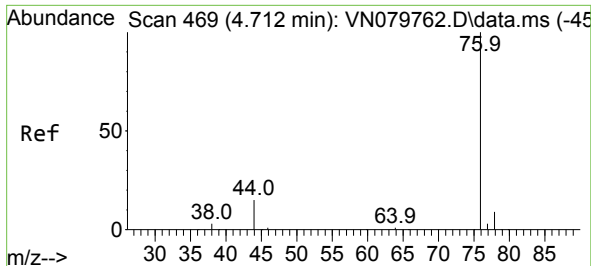
Tgt Ion: 53 Resp: 179588
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 37.4 28.9 43.3



#16
Acetone
Concen: 127.414 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

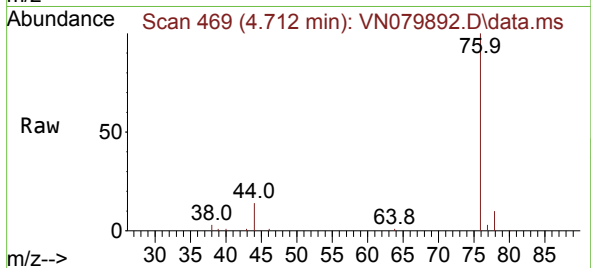
Tgt Ion: 43 Resp: 212293
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0



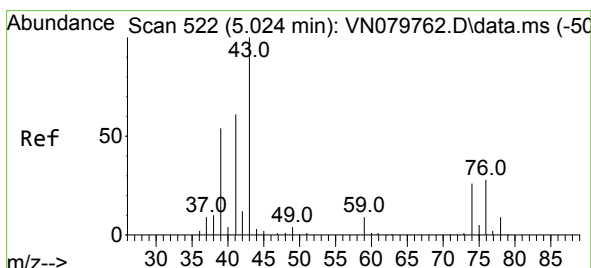
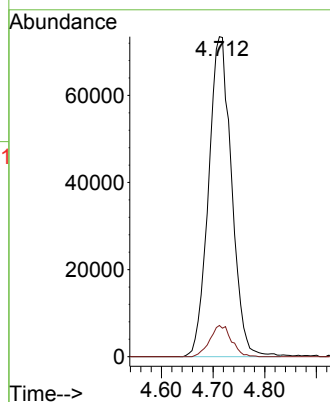
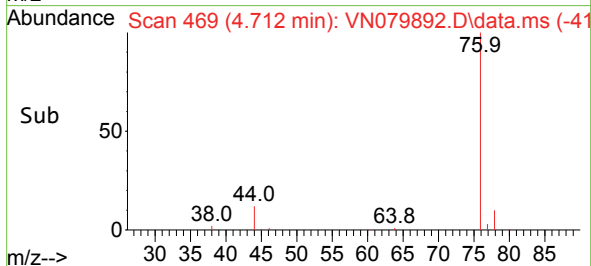


#17
Carbon Disulfide
Concen: 23.552 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :

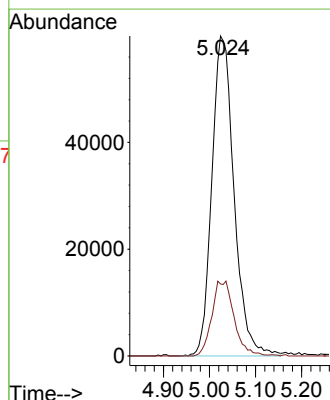
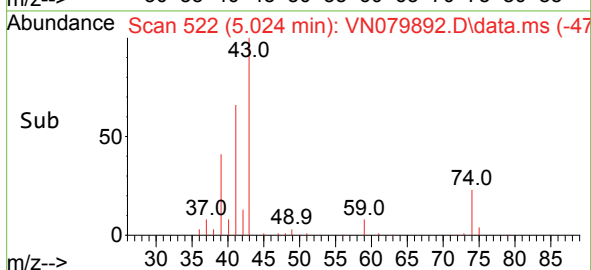
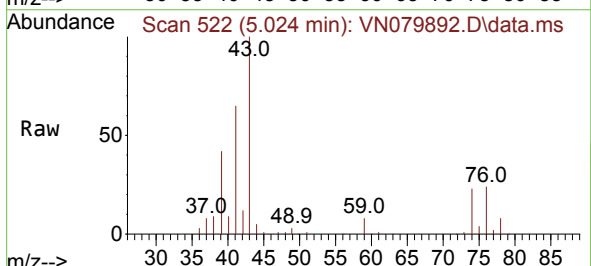


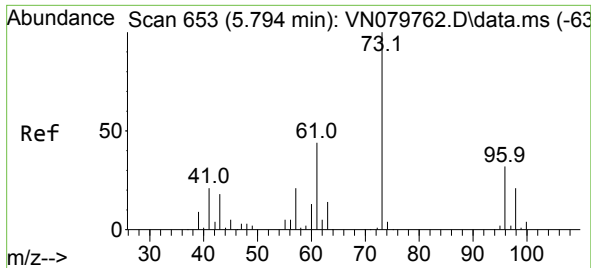
Tgt Ion: 76 Resp: 227666
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 25.162 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 43 Resp: 200577
Ion Ratio Lower Upper
43 100
74 23.4 26.2 39.4#

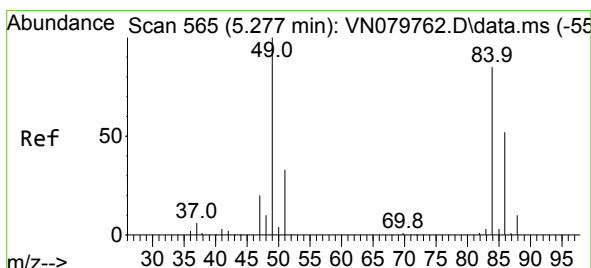
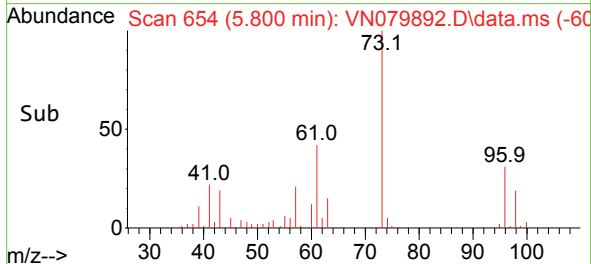
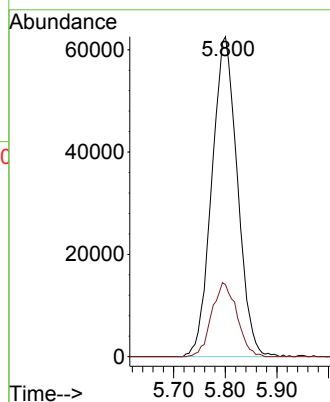
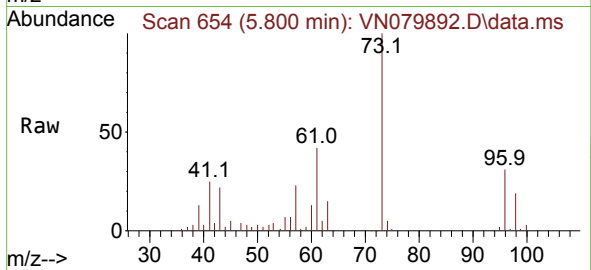




#19
Methyl tert-butyl Ether
Concen: 18.653 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

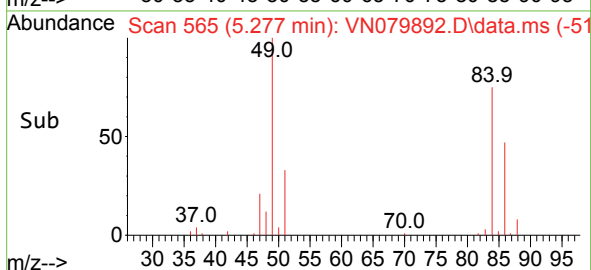
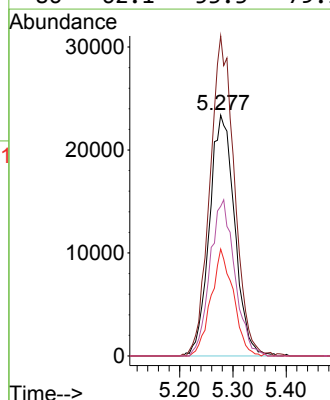
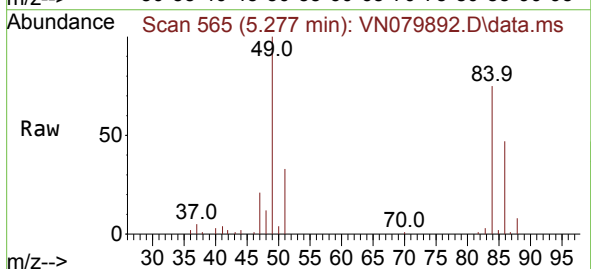
Instrument :
MSVOA_N
ClientSampleId :

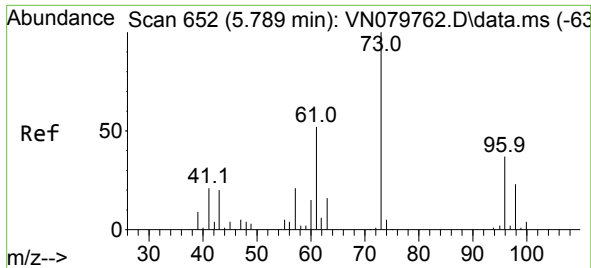
Tgt Ion: 73 Resp: 215215
Ion Ratio Lower Upper
73 100
57 22.5 15.6 23.4



#20
Methylene Chloride
Concen: 18.323 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 84 Resp: 77032
Ion Ratio Lower Upper
84 100
49 132.9 79.7 119.5#
51 44.4 25.2 37.8#
86 62.1 53.3 79.9

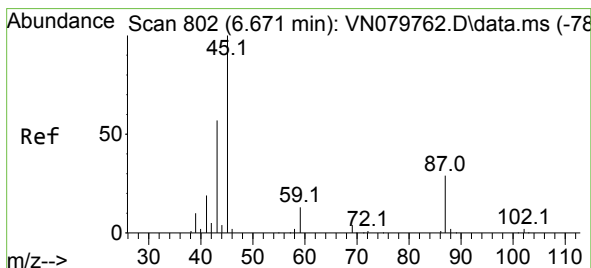
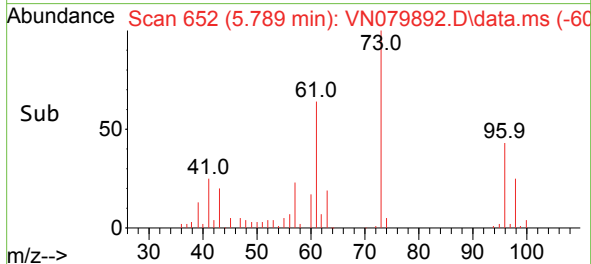
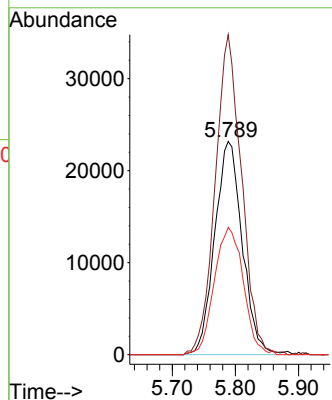
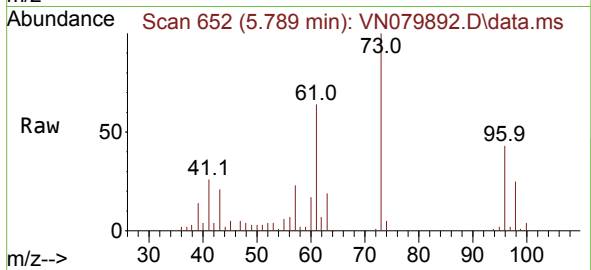




#21
trans-1,2-Dichloroethene
Concen: 18.744 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

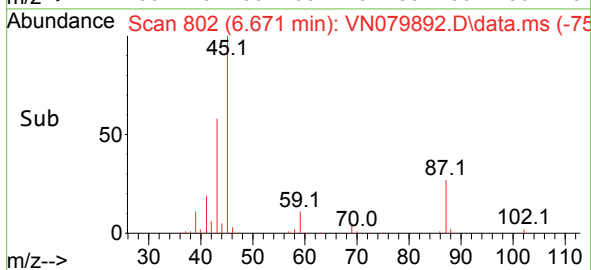
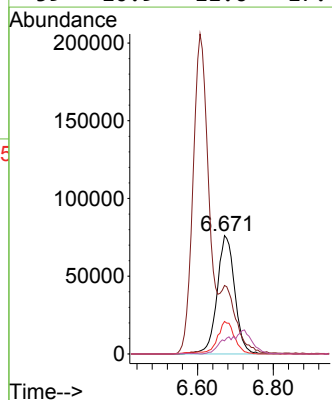
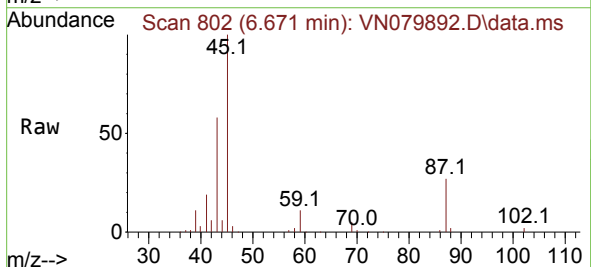
Instrument :
MSVOA_N
ClientSampleId :

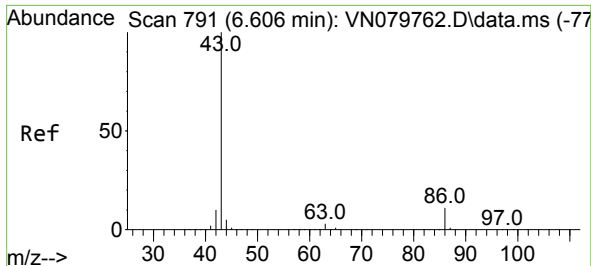
Tgt Ion: 96 Resp: 70056
Ion Ratio Lower Upper
96 100
61 150.2 90.1 135.1#
98 59.7 46.4 69.6



#22
Diisopropyl ether
Concen: 20.769 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 45 Resp: 247042
Ion Ratio Lower Upper
45 100
43 57.2 45.5 68.3
87 27.5 31.8 47.8#
59 10.9 11.6 17.4#

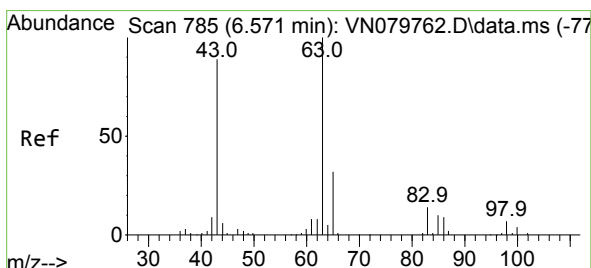
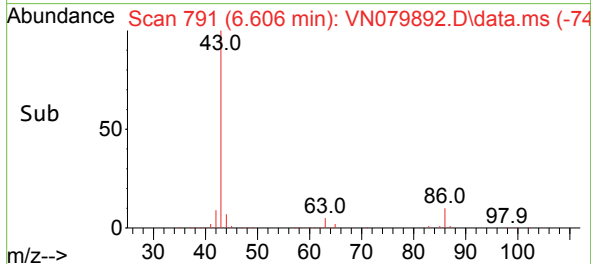
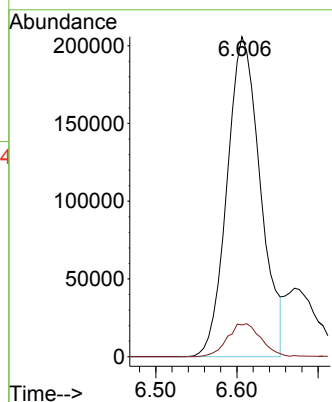
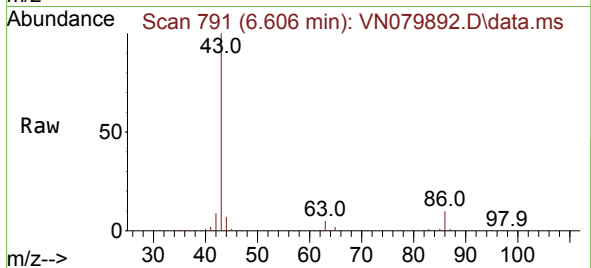




#23
 Vinyl Acetate
 Concen: 89.631 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079892.D
 Acq: 04 Nov 2023 14:54

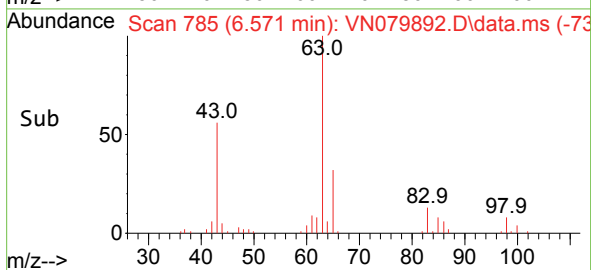
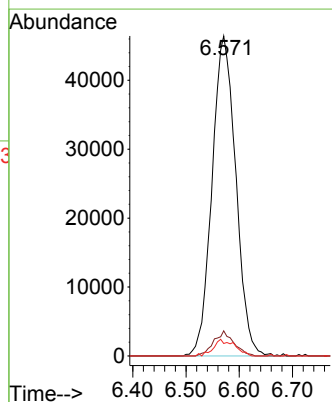
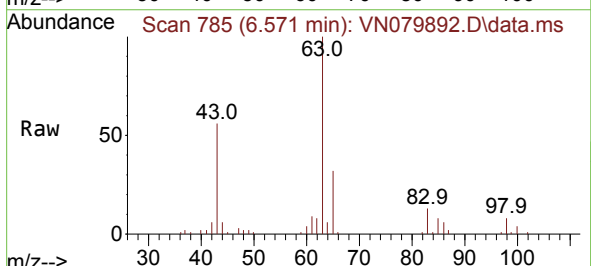
Instrument :
 MSVOA_N
 ClientSampleId :

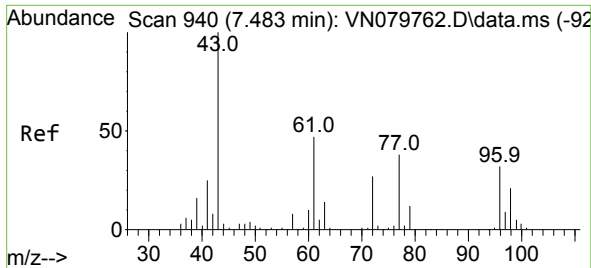
Tgt Ion: 43 Resp: 588089
 Ion Ratio Lower Upper
 43 100
 86 9.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.896 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079892.D
 Acq: 04 Nov 2023 14:54

Tgt Ion: 63 Resp: 143847
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 3.9 2.5 7.4

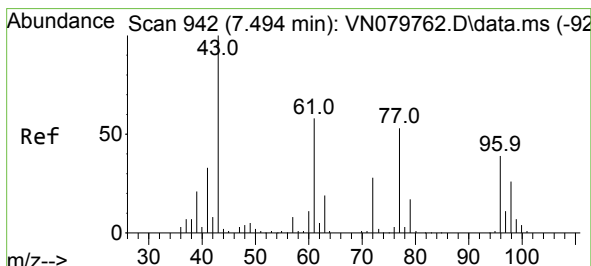
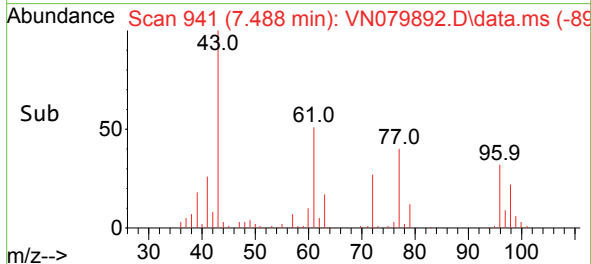
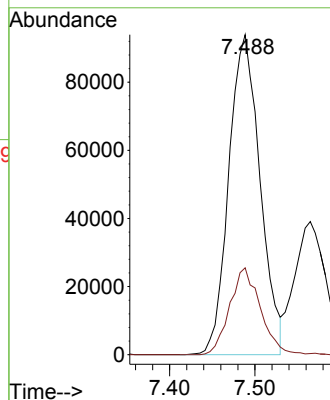
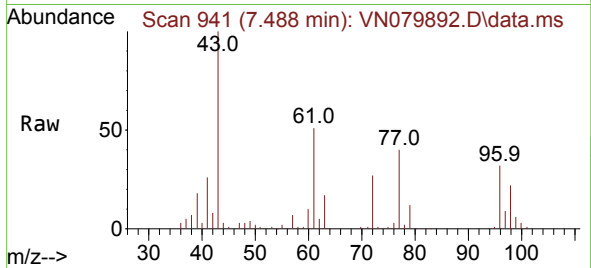




#25
2-Butanone
Concen: 98.212 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

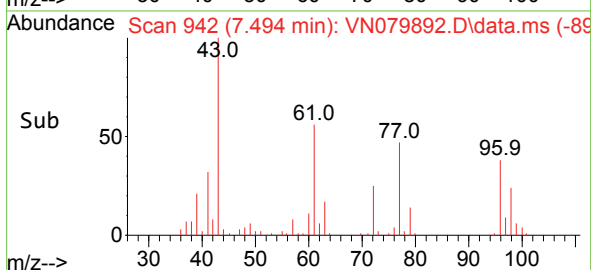
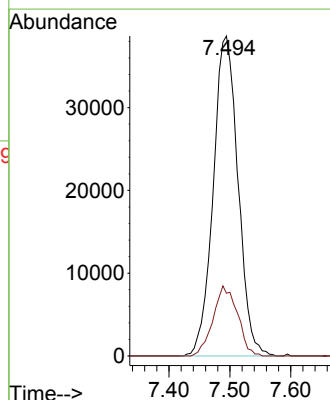
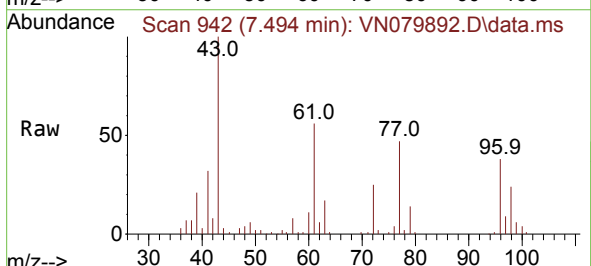
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 239624
Ion Ratio Lower Upper
43 100
72 27.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 18.285 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 77 Resp: 109329
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6

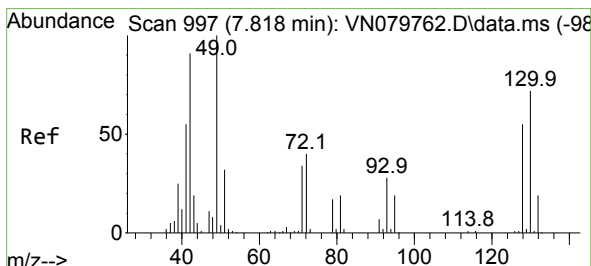
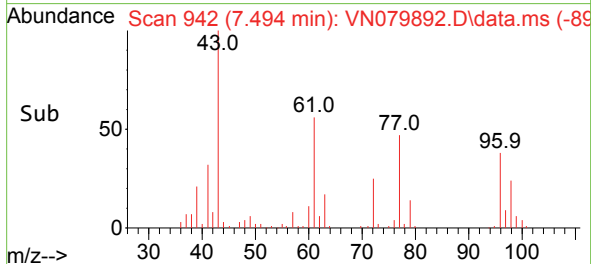
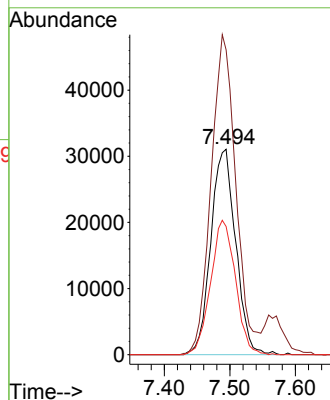
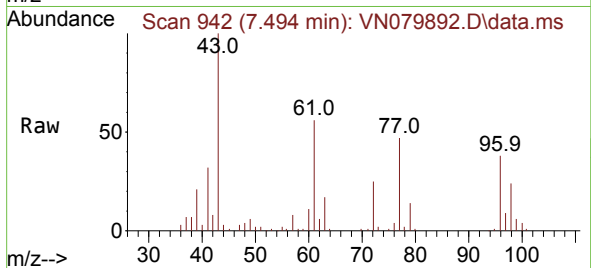




#27
 cis-1,2-Dichloroethene
 Concen: 18.323 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN079892.D
 Acq: 04 Nov 2023 14:54

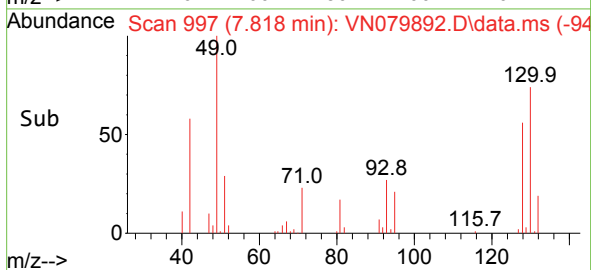
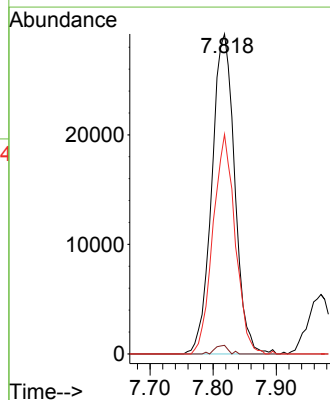
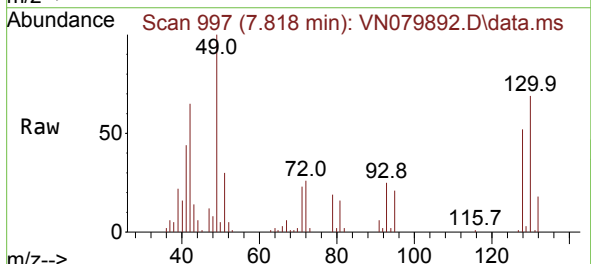
Instrument :
 MSVOA_N
 ClientSampleId :

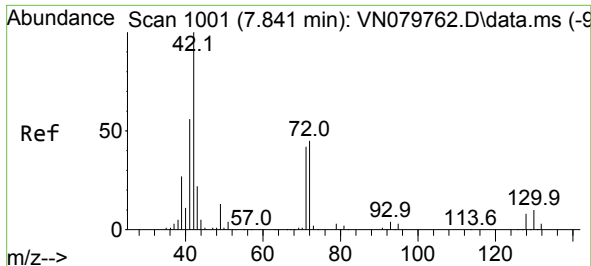
Tgt Ion: 96 Resp: 81921
 Ion Ratio Lower Upper
 96 100
 61 155.5 0.0 255.2
 98 65.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.887 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079892.D
 Acq: 04 Nov 2023 14:54

Tgt Ion: 49 Resp: 73594
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.8
 130 66.7 75.3 112.9#





#29

Tetrahydrofuran

Concen: 98.484 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

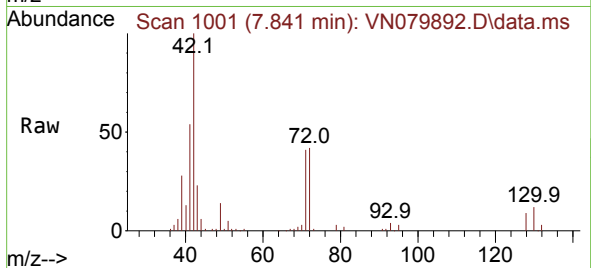
Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

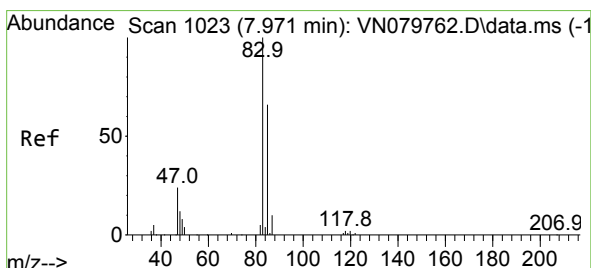
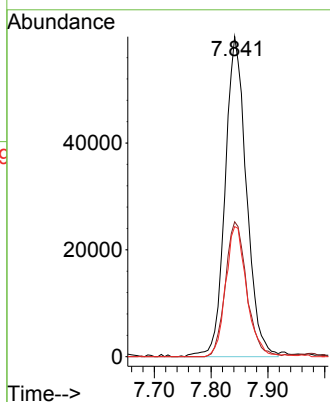
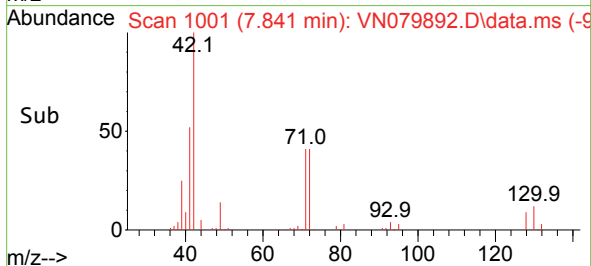
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	156334
Ion	Ratio	Lower	Upper
42	100		
72	42.2	49.8	74.6#
71	40.4	47.4	71.2#



#30

Chloroform

Concen: 19.600 ug/l

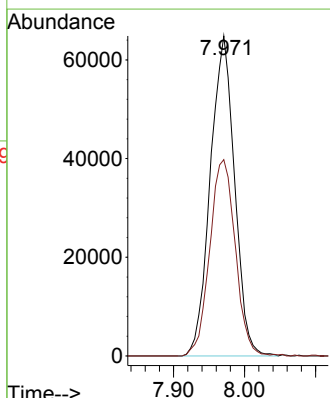
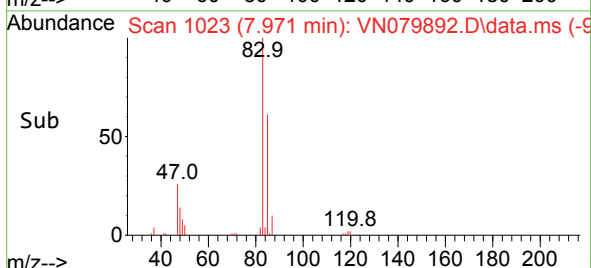
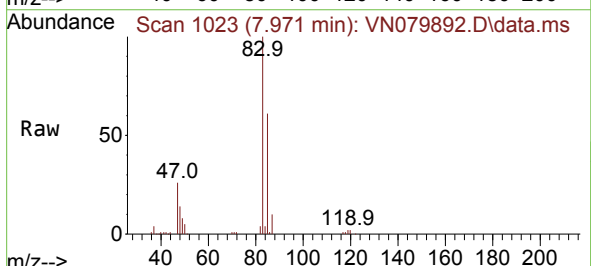
RT: 7.971 min Scan# 1023

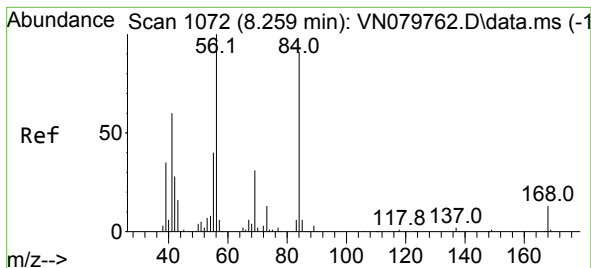
Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Tgt Ion:	83	Resp:	153927
Ion	Ratio	Lower	Upper
83	100		
85	61.3	55.4	83.0





#31

Cyclohexane

Concen: 18.802 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

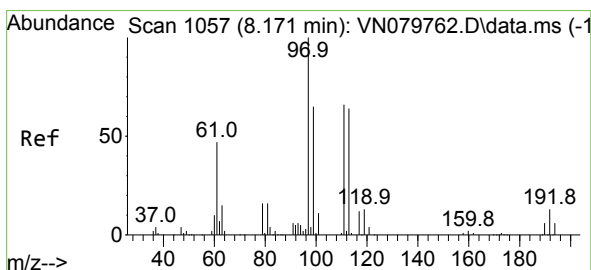
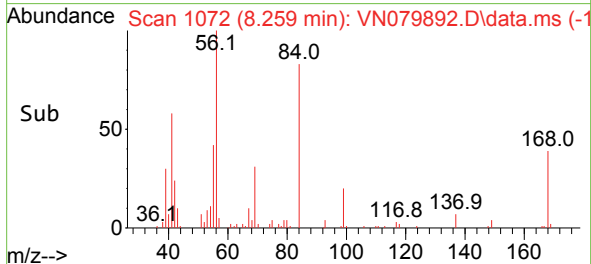
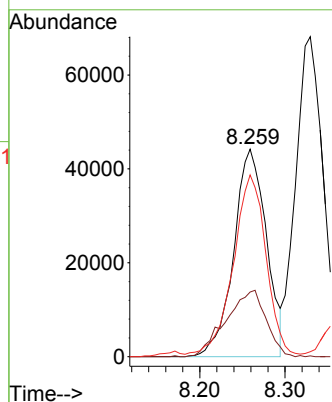
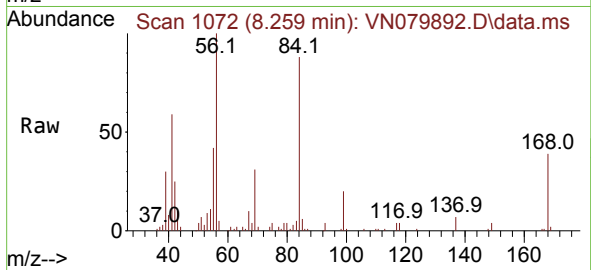
Tgt Ion: 56 Resp: 117852

Ion Ratio Lower Upper

56 100

69 31.2 26.8 40.2

84 86.0 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.908 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

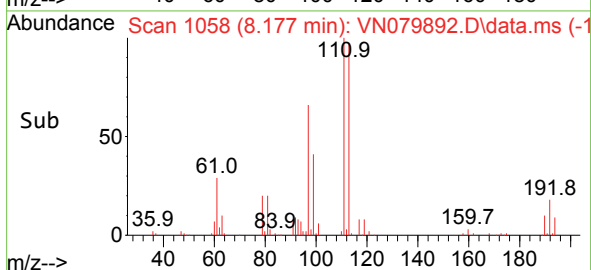
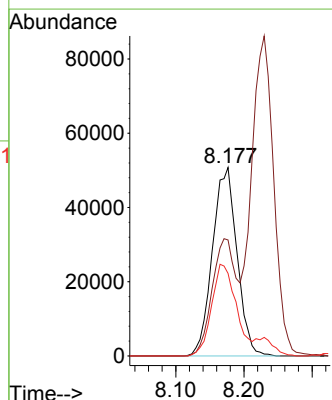
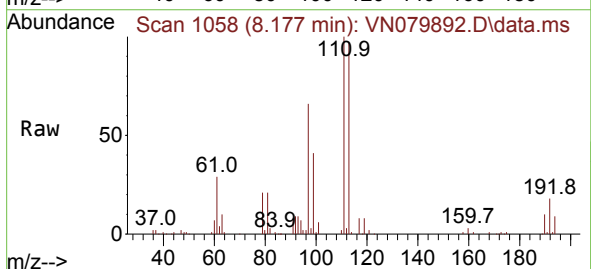
Tgt Ion: 97 Resp: 127388

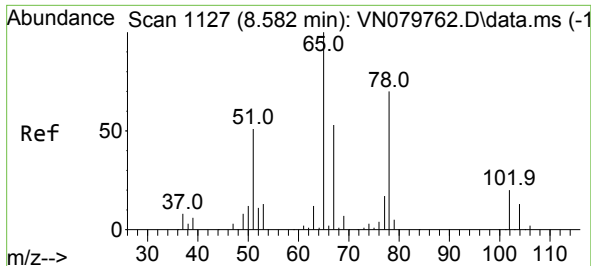
Ion Ratio Lower Upper

97 100

99 61.5 50.3 75.5

61 48.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.486 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Instrument :

MSVOA_N

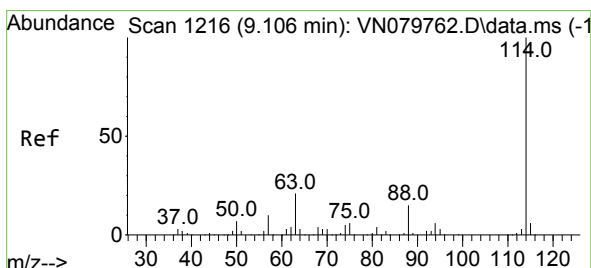
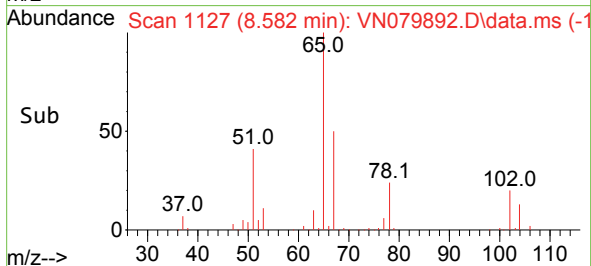
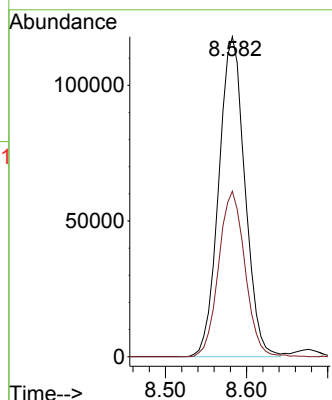
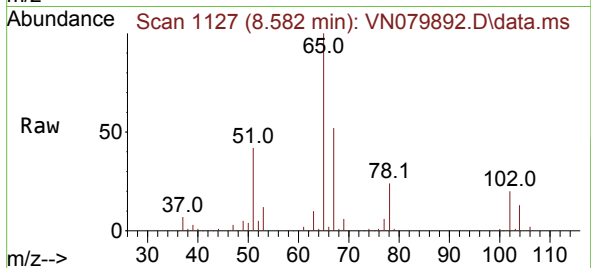
ClientSampleId :

Tgt Ion: 65 Resp: 263190

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

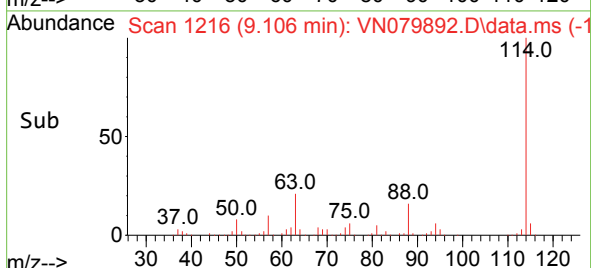
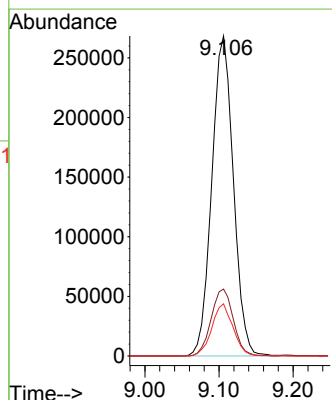
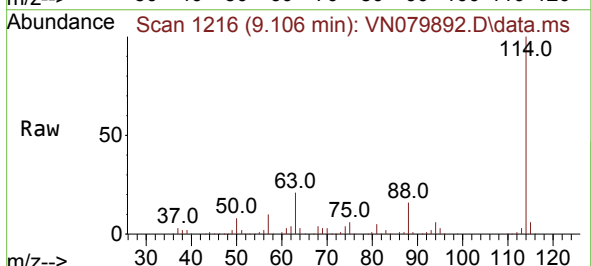
Tgt Ion: 114 Resp: 542660

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

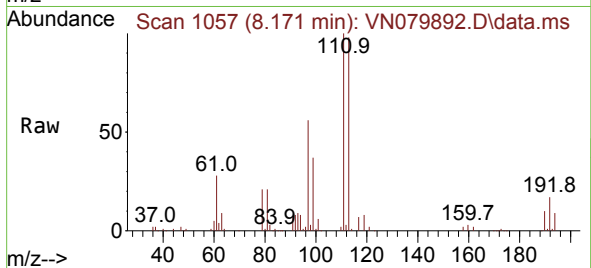
88 16.3 0.0 30.6



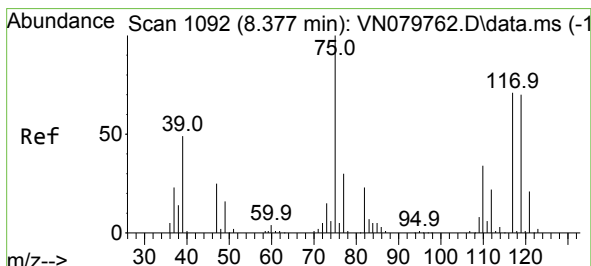
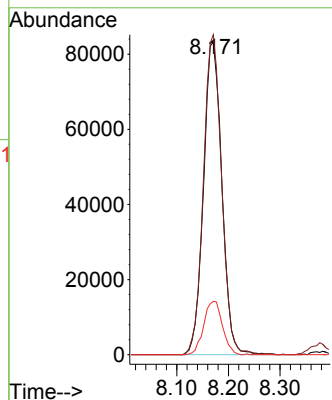
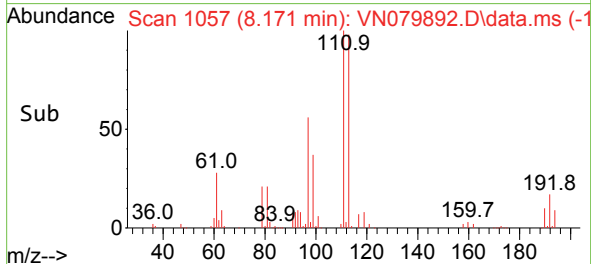


#35
Dibromofluoromethane
Concen: 53.406 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :

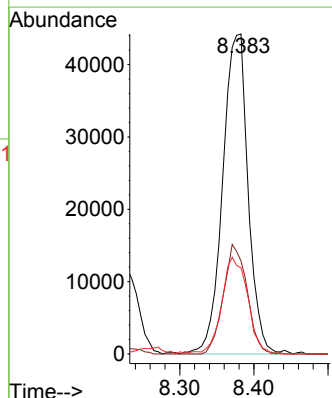
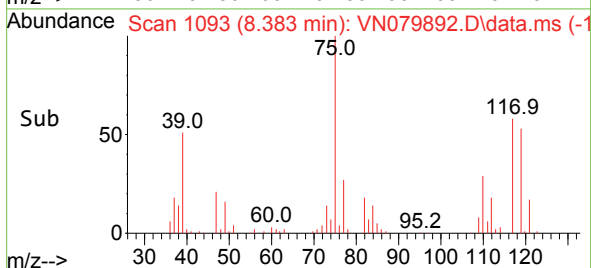
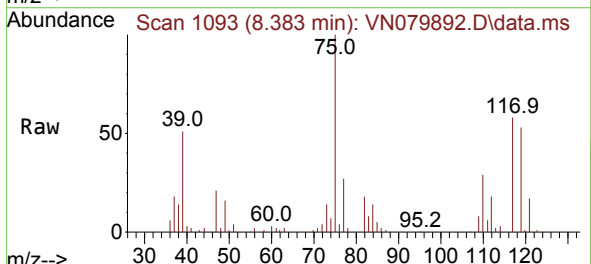


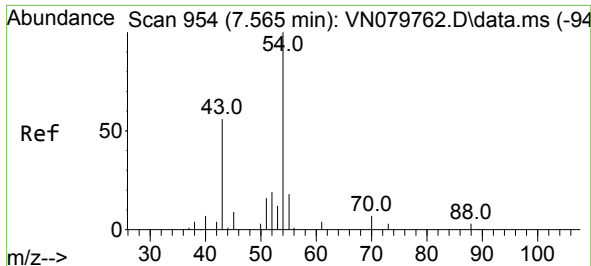
Tgt Ion:113 Resp: 205119
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 17.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.182 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 75 Resp: 105193
Ion Ratio Lower Upper
75 100
110 31.9 19.1 57.3
77 30.9 25.0 37.4

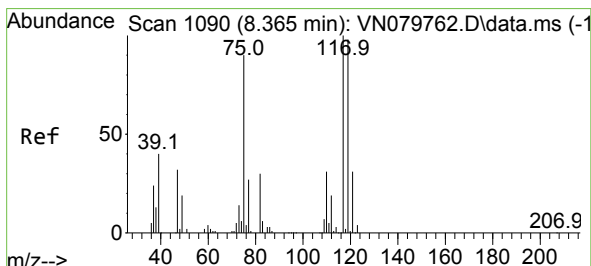
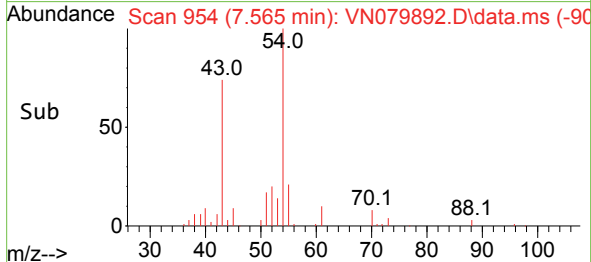
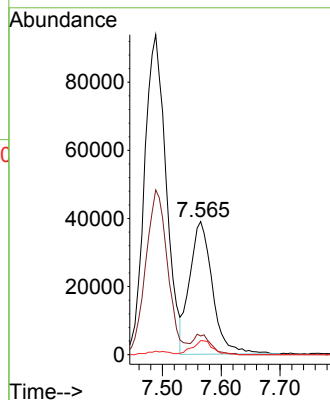
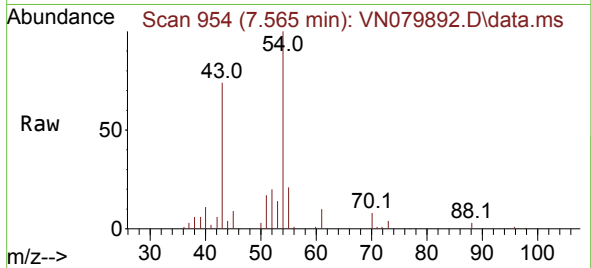




#37
Ethyl Acetate
Concen: 20.860 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

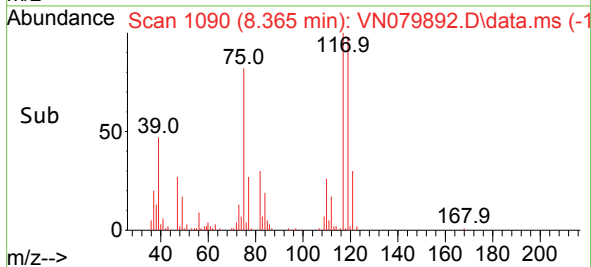
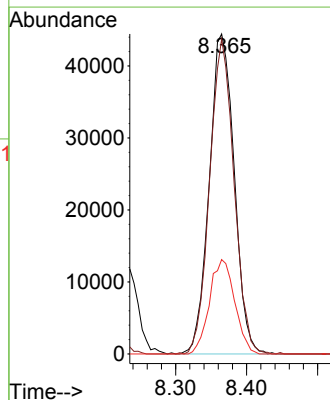
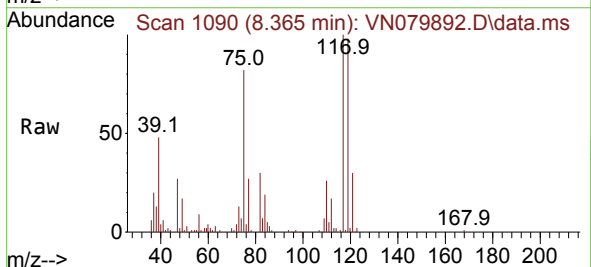
Instrument :
MSVOA_N
ClientSampleId :

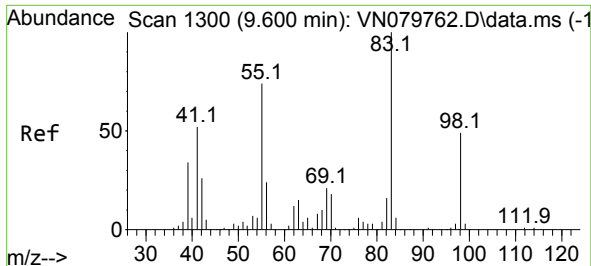
Tgt Ion: 43 Resp: 104914
Ion Ratio Lower Upper
43 100
61 11.6 13.2 19.8#
70 9.5 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 19.626 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 117 Resp: 108469
Ion Ratio Lower Upper
117 100
119 98.0 77.3 115.9
121 29.5 23.3 34.9





#39

Methylcyclohexane

Concen: 18.667 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

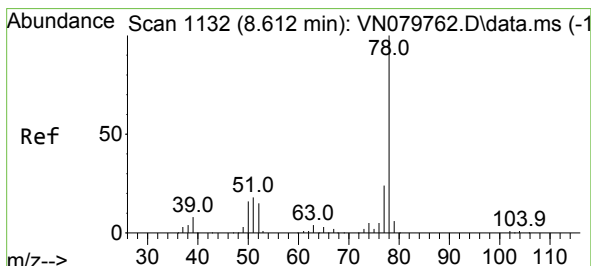
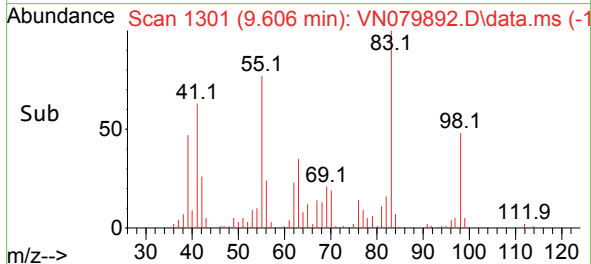
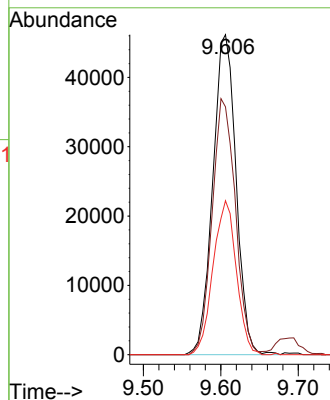
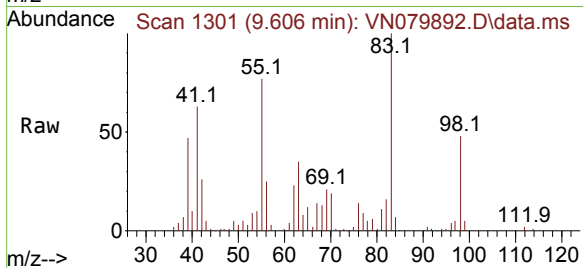
Tgt Ion: 83 Resp: 96339

Ion Ratio Lower Upper

83 100

55 77.5 49.1 73.7#

98 48.1 40.6 61.0



#40

Benzene

Concen: 19.549 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079892.D

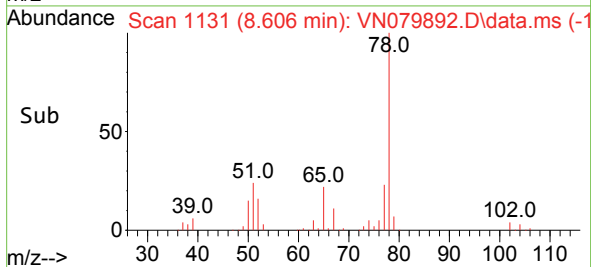
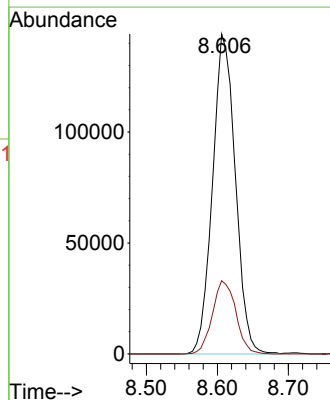
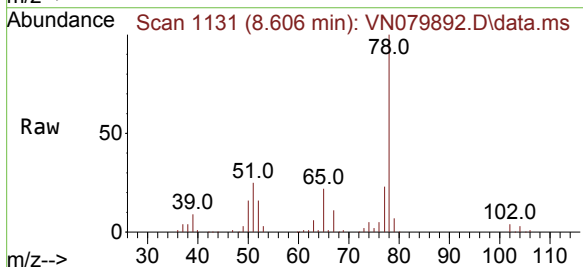
Acq: 04 Nov 2023 14:54

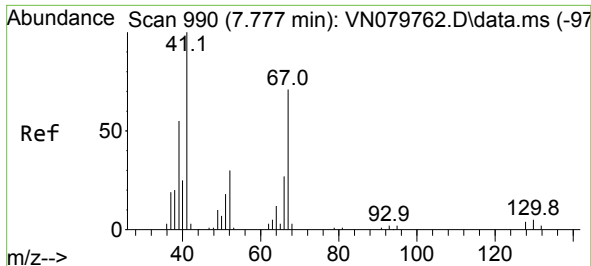
Tgt Ion: 78 Resp: 321101

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

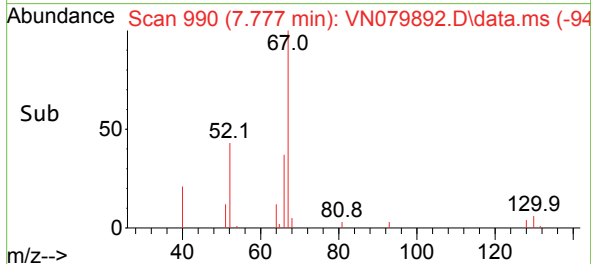
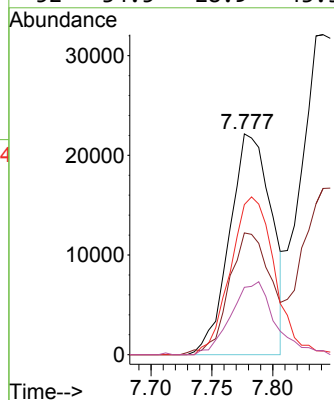
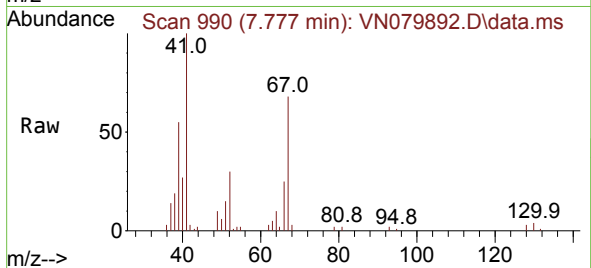




#41
Methacrylonitrile
Concen: 19.867 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

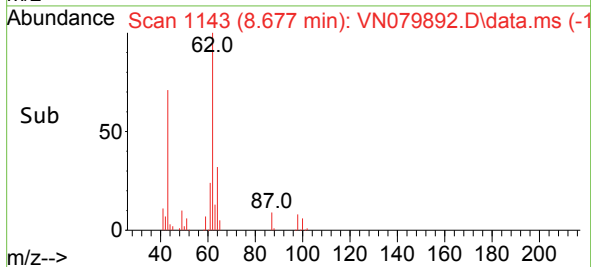
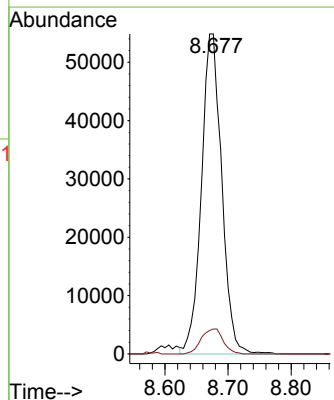
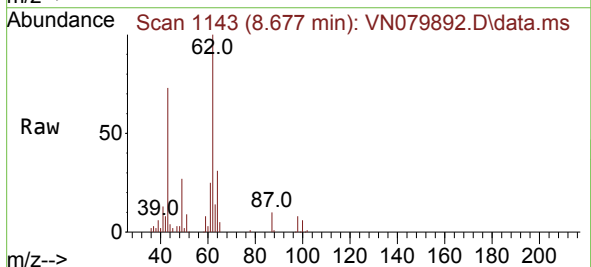
Instrument :
MSVOA_N
ClientSampleId :

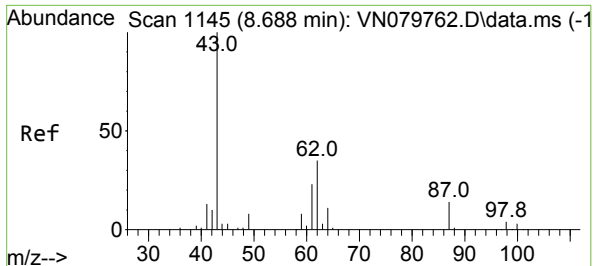
Tgt Ion: 41	Resp: 53060
Ion Ratio	Lower Upper
41	100
39	54.8 42.6 64.0
67	75.0 77.5 116.3
52	34.5 28.9 43.3



#42
1,2-Dichloroethane
Concen: 21.384 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 62	Resp: 122688
Ion Ratio	Lower Upper
62	100
98	8.4 0.0 19.8

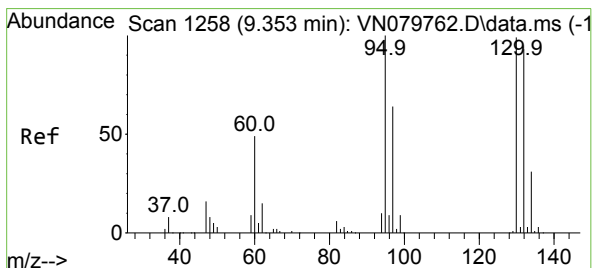
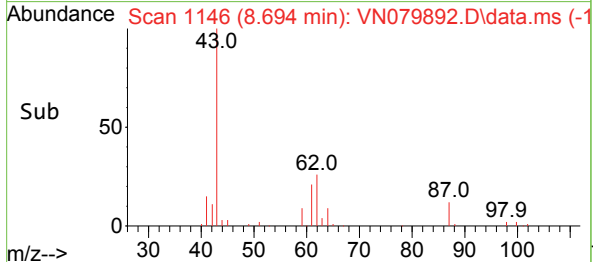
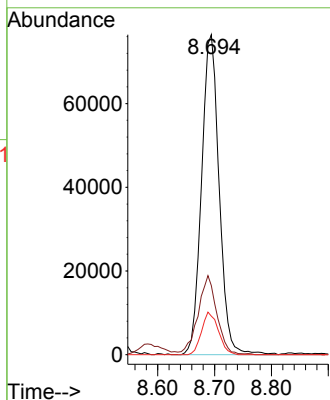
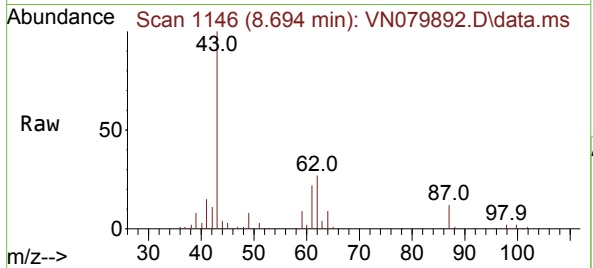




#43
Isopropyl Acetate
Concen: 18.635 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

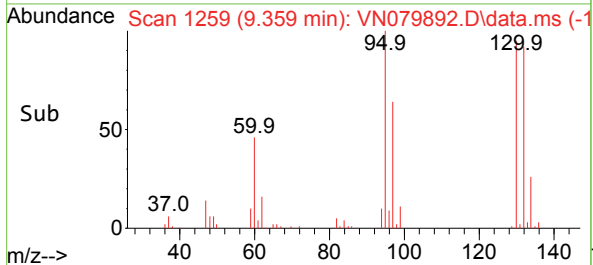
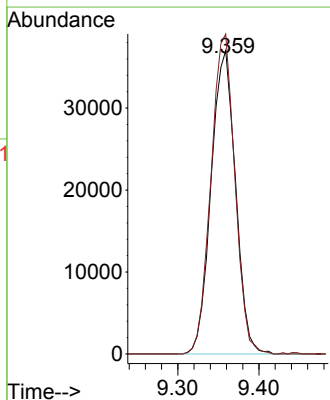
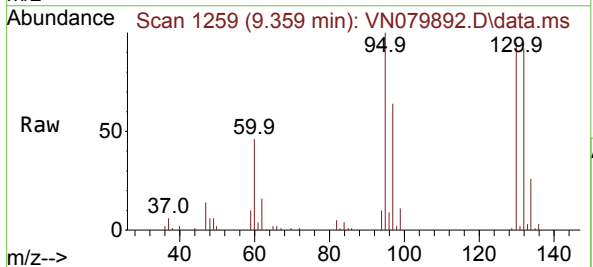
Instrument :
MSVOA_N
ClientSampleId :

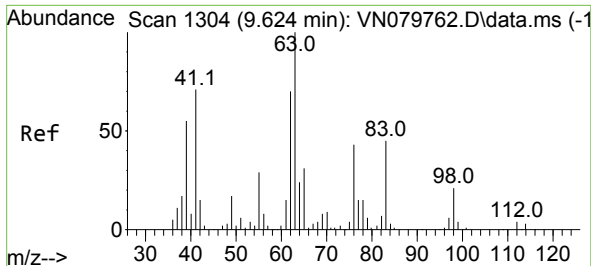
Tgt Ion: 43 Resp: 164364
Ion Ratio Lower Upper
43 100
61 26.6 24.7 37.1
87 12.7 14.6 21.8#



#44
Trichloroethene
Concen: 18.956 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion:130 Resp: 77259
Ion Ratio Lower Upper
130 100
95 105.5 0.0 204.6

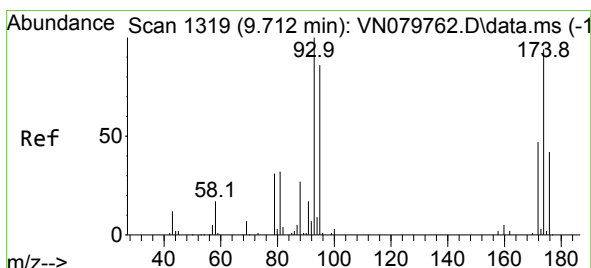
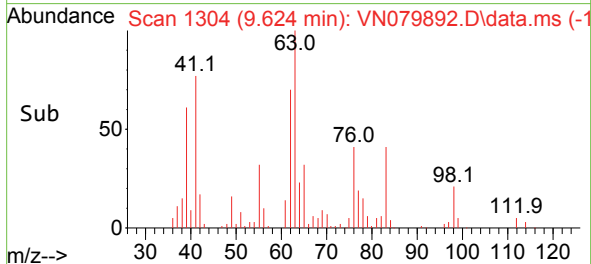
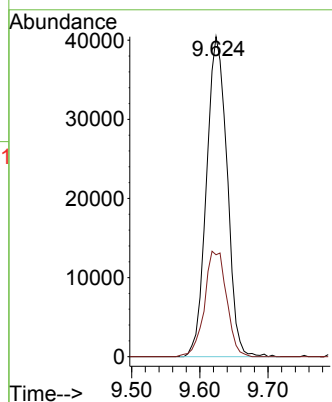
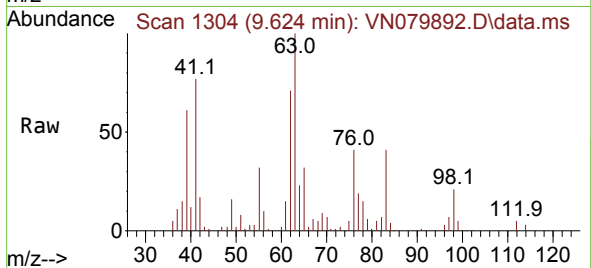




#45
1,2-Dichloropropane
Concen: 20.204 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

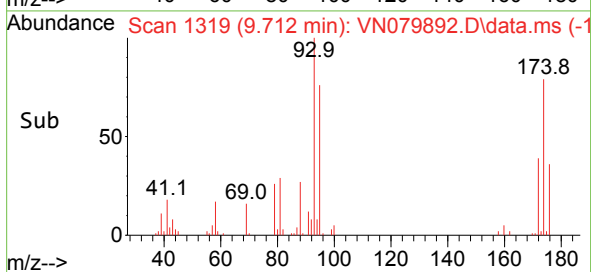
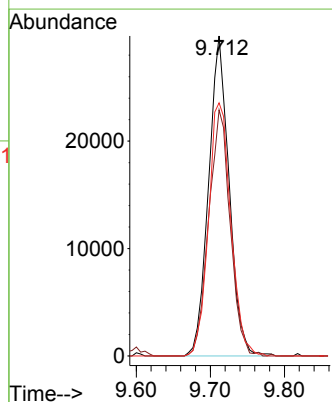
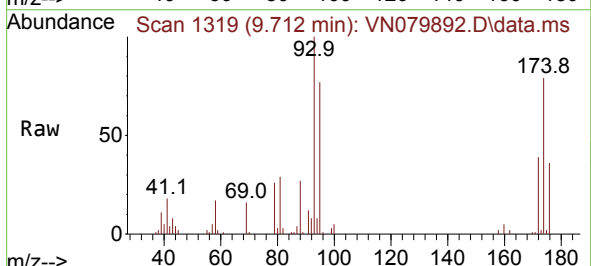
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 84806
Ion Ratio Lower Upper
63 100
65 31.8 23.9 35.9



#46
Dibromomethane
Concen: 19.995 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 93 Resp: 57308
Ion Ratio Lower Upper
93 100
95 80.1 63.8 95.8
174 86.1 65.6 98.4

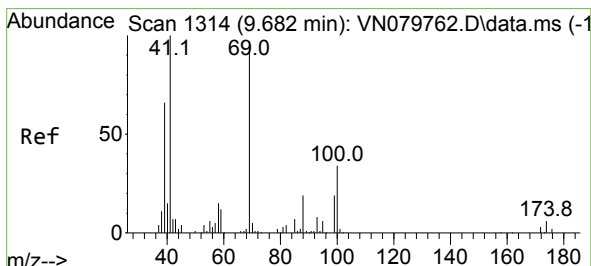
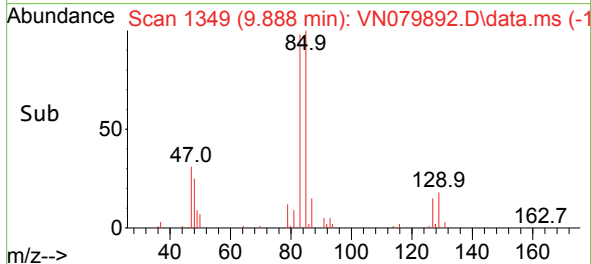
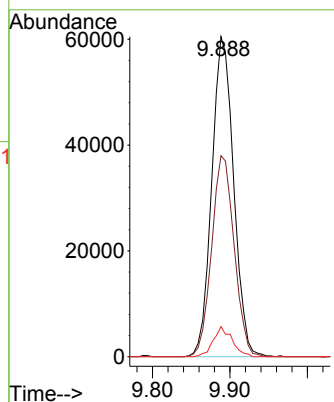
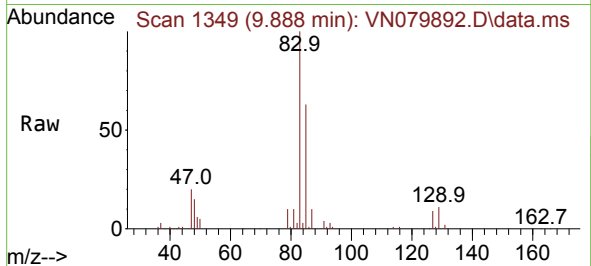




#47
Bromodichloromethane
Concen: 19.351 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

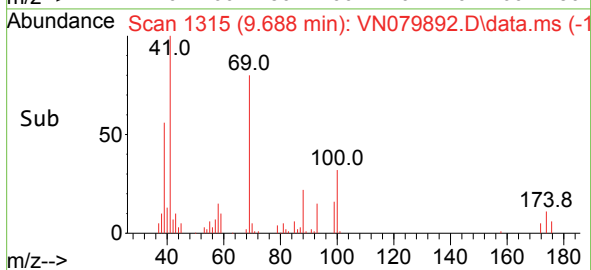
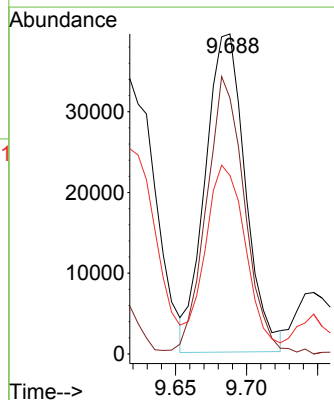
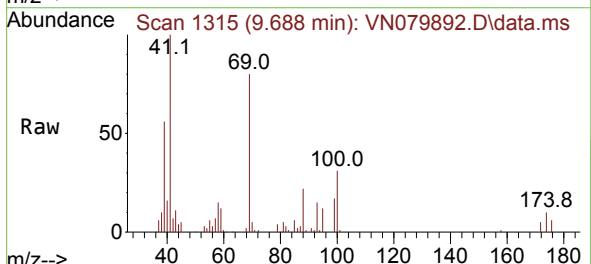
Instrument :
MSVOA_N
ClientSampleId :

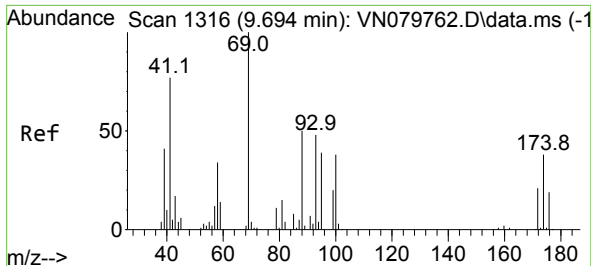
Tgt Ion: 83 Resp: 118284
Ion Ratio Lower Upper
83 100
85 62.8 49.6 74.4
127 9.4 7.0 10.6



#48
Methyl methacrylate
Concen: 20.081 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 41 Resp: 77577
Ion Ratio Lower Upper
41 100
69 82.2 90.4 135.6#
39 60.2 54.6 81.8

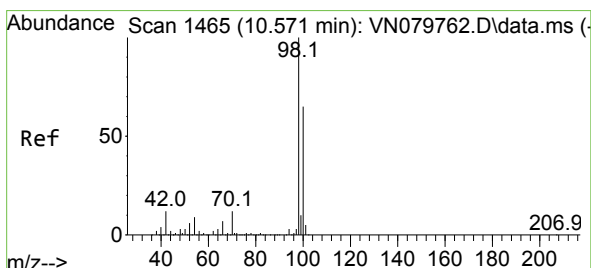
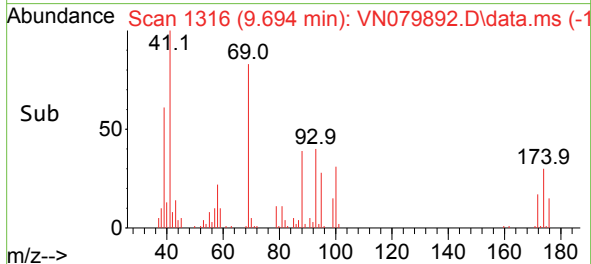
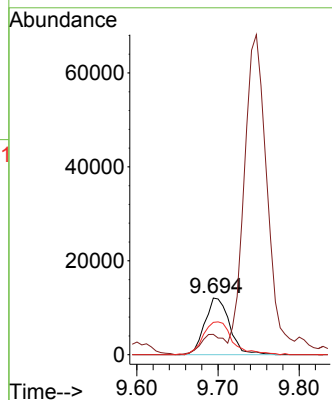
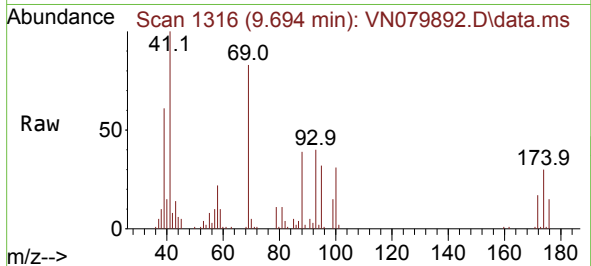




#49
1,4-Dioxane
Concen: 373.344 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

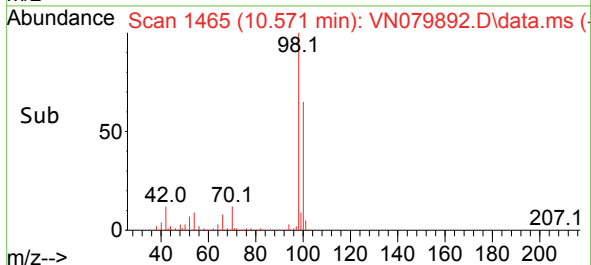
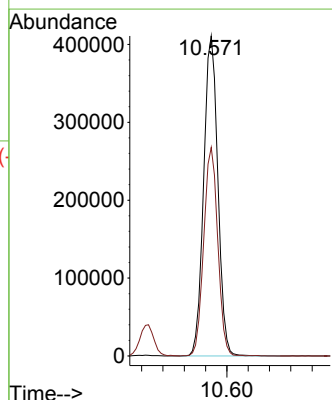
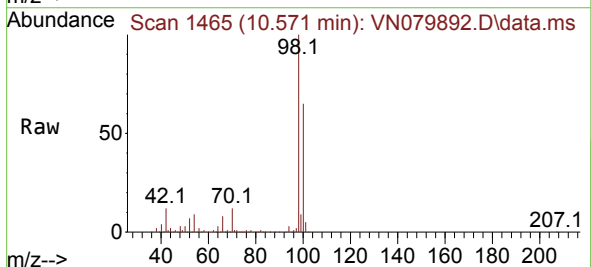
Instrument :
MSVOA_N
ClientSampleId :

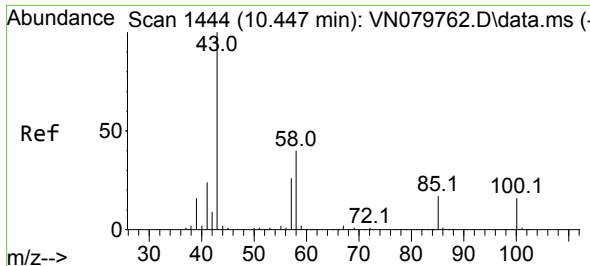
Tgt Ion: 88 Resp: 25486
Ion Ratio Lower Upper
88 100
43 34.4 17.0 25.6#
58 68.8 47.0 70.4



#50
Toluene-d8
Concen: 53.614 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 98 Resp: 758056
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

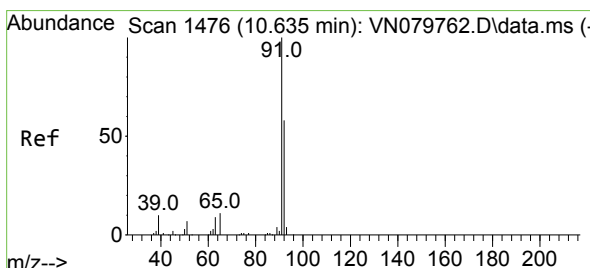
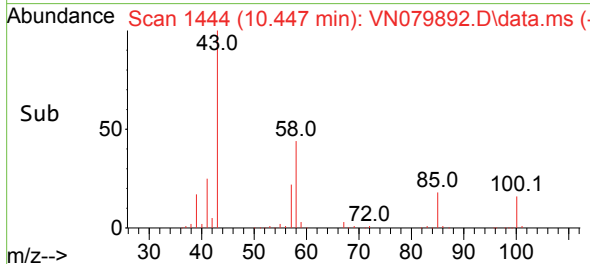
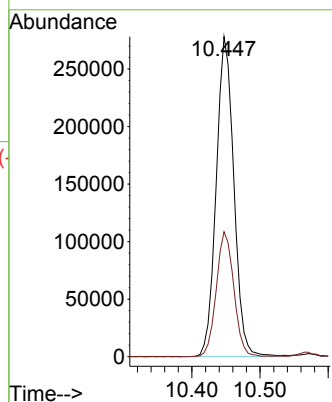
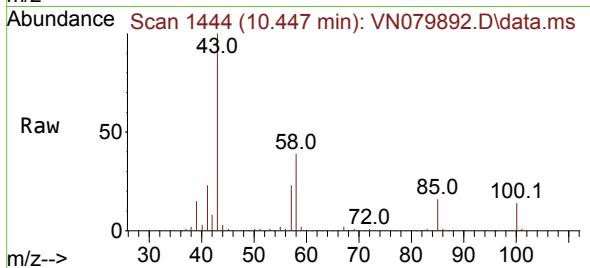




#51
4-Methyl-2-Pentanone
Concen: 101.004 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

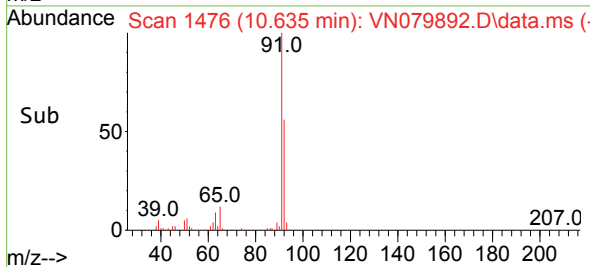
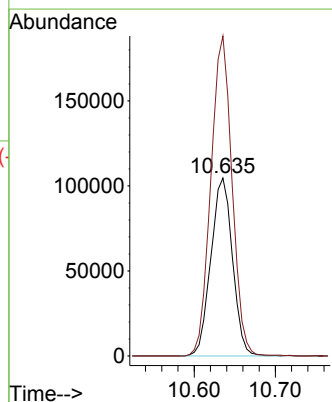
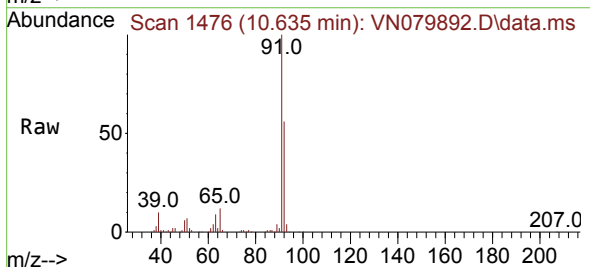
Instrument :
MSVOA_N
ClientSampleId :

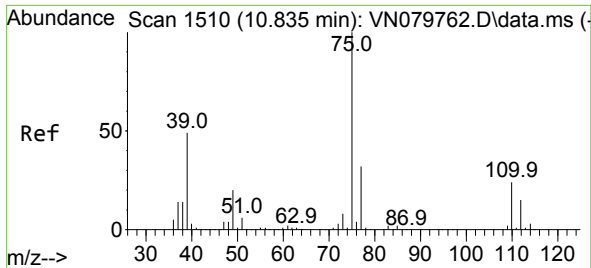
Tgt Ion: 43 Resp: 501549
Ion Ratio Lower Upper
43 100
58 38.9 36.6 54.8



#52
Toluene
Concen: 19.867 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 92 Resp: 193460
Ion Ratio Lower Upper
92 100
91 176.5 137.4 206.0

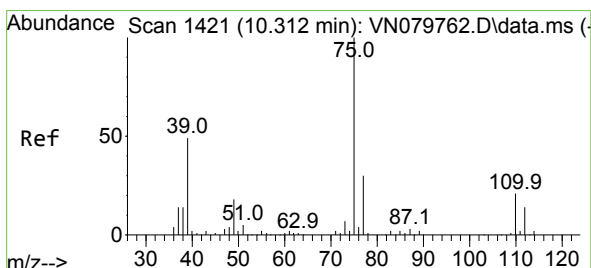
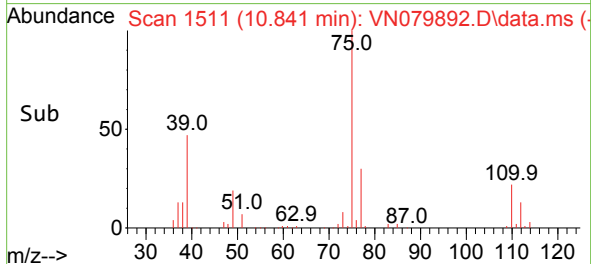
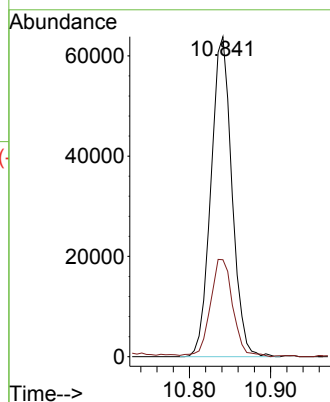
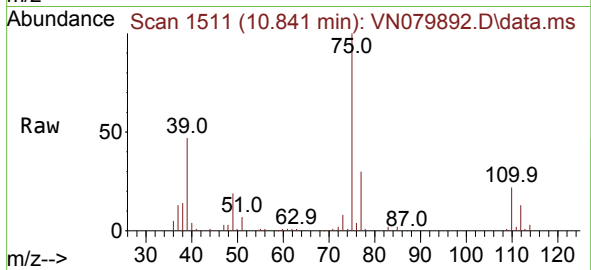




#53
 t-1,3-Dichloropropene
 Concen: 19.086 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN079892.D
 Acq: 04 Nov 2023 14:54

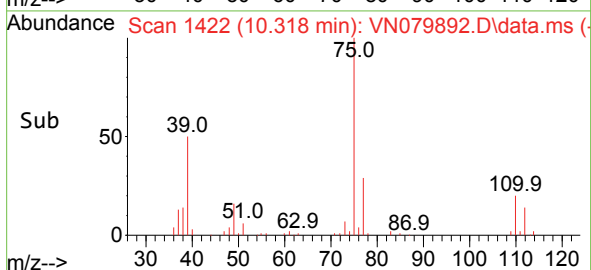
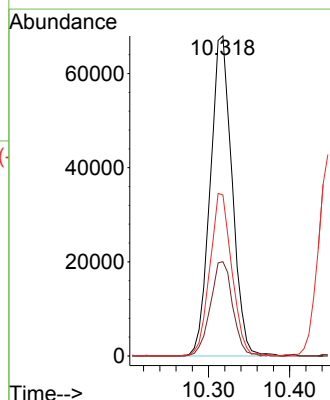
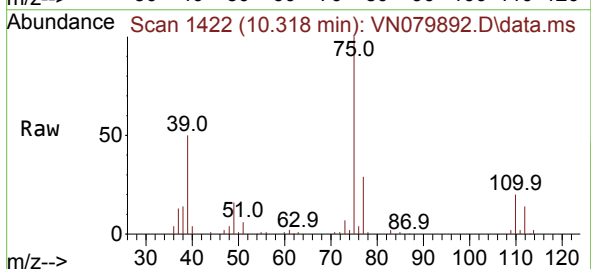
Instrument :
 MSVOA_N
 ClientSampleId :

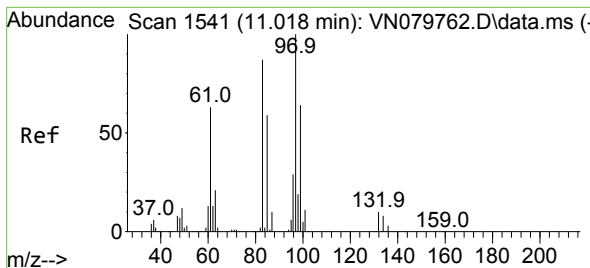
Tgt Ion: 75 Resp: 114369
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.465 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079892.D
 Acq: 04 Nov 2023 14:54

Tgt Ion: 75 Resp: 127134
 Ion Ratio Lower Upper
 75 100
 77 29.5 26.1 39.1
 39 50.3 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 19.982 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 78260

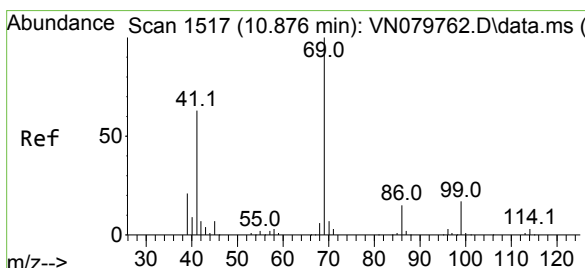
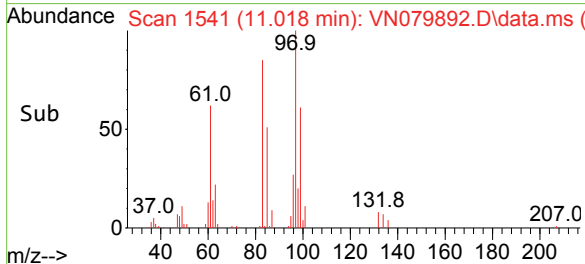
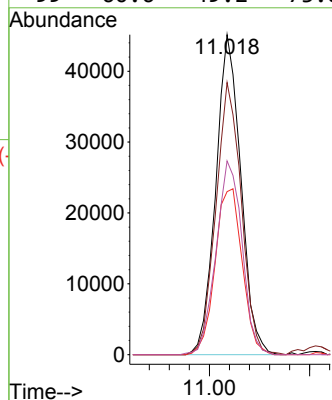
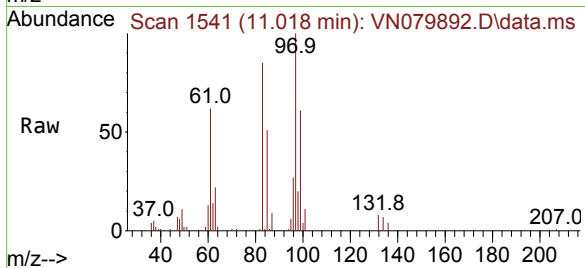
Ion Ratio Lower Upper

97 100

83 85.0 65.1 97.7

85 51.0 43.4 65.2

99 60.6 49.2 73.8



#56

Ethyl methacrylate

Concen: 18.576 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

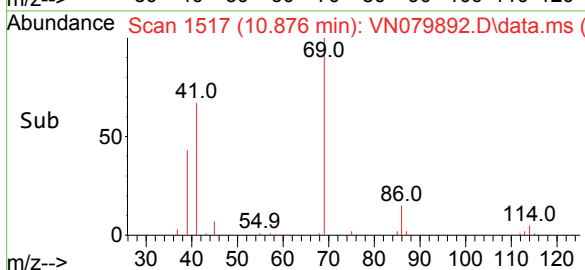
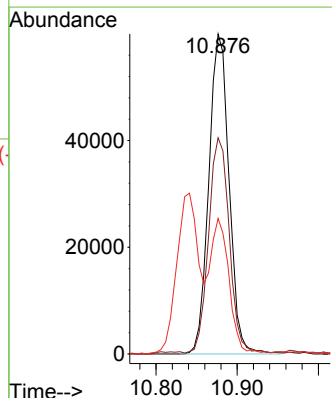
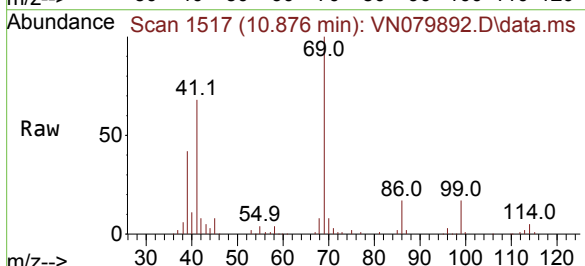
Tgt Ion: 69 Resp: 103777

Ion Ratio Lower Upper

69 100

41 68.6 39.6 59.4#

39 39.1 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.074 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Instrument :

MSVOA_N

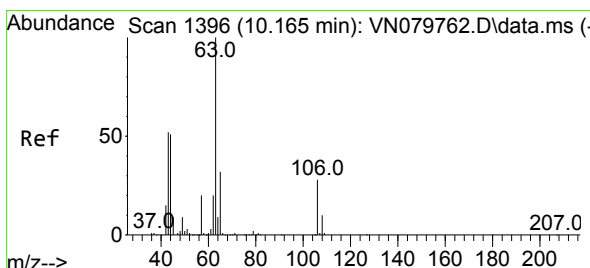
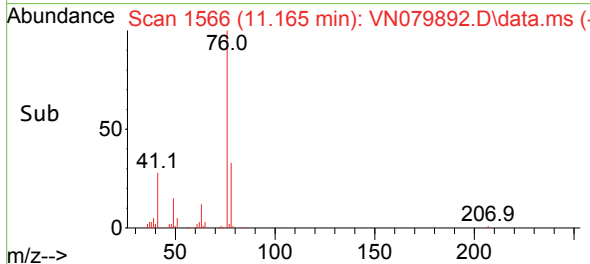
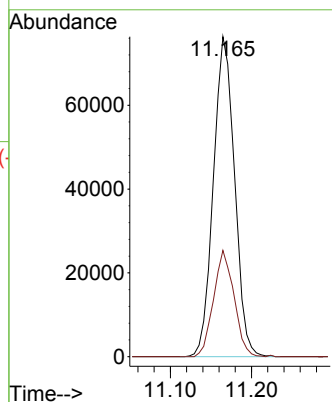
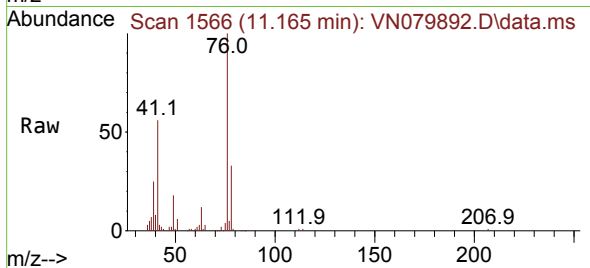
ClientSampleId :

Tgt Ion: 76 Resp: 138580

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 90.178 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079892.D

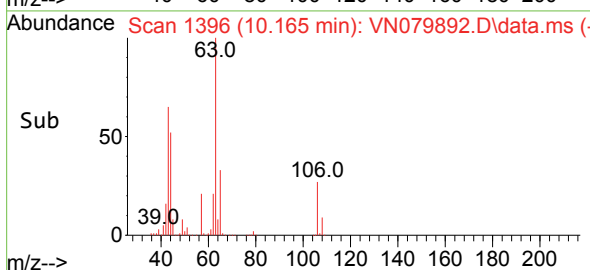
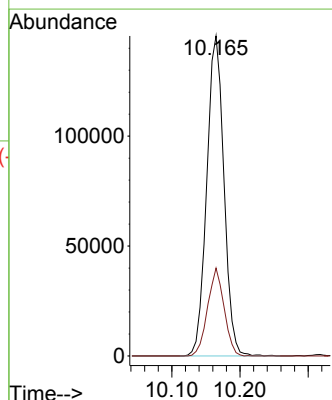
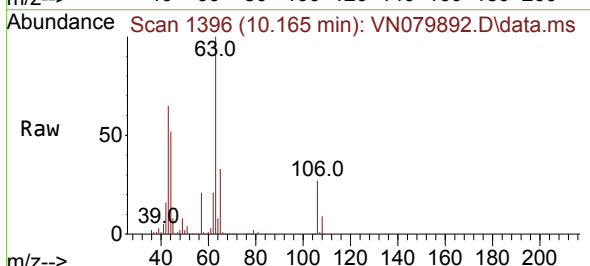
Acq: 04 Nov 2023 14:54

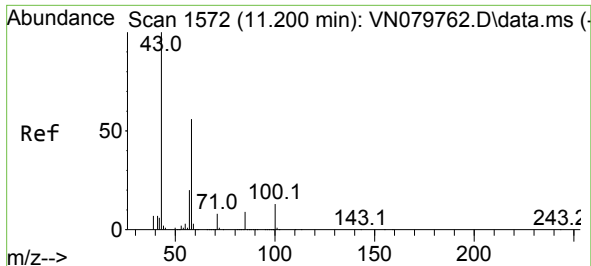
Tgt Ion: 63 Resp: 255340

Ion Ratio Lower Upper

63 100

106 26.3 26.2 39.4

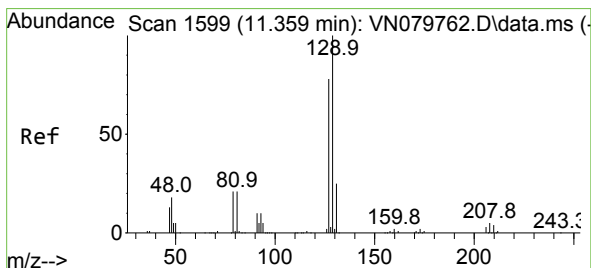
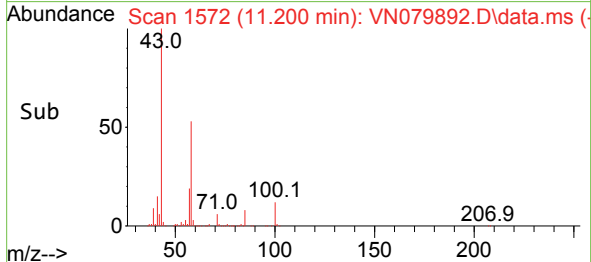
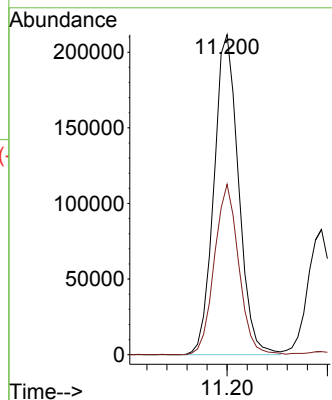
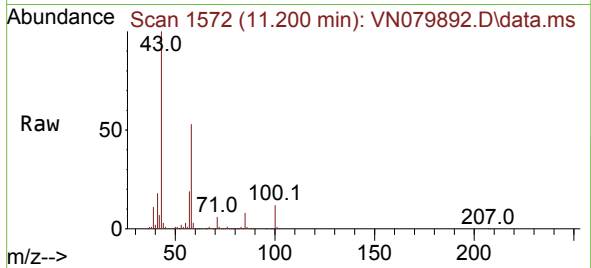




#59
2-Hexanone
Concen: 94.935 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

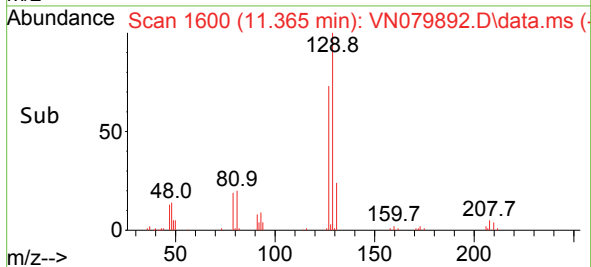
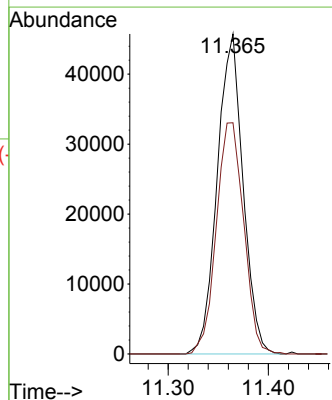
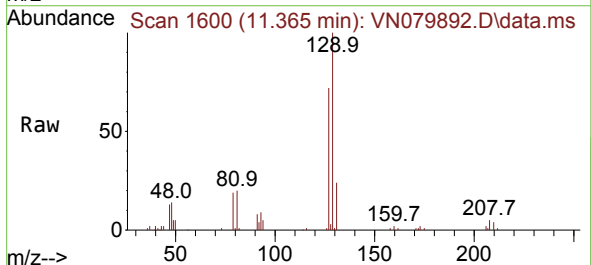
Instrument :
MSVOA_N
ClientSampleId :

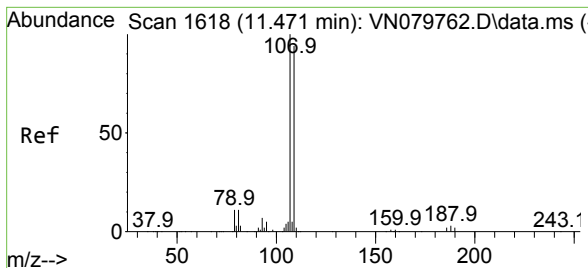
Tgt Ion: 43 Resp: 360627
Ion Ratio Lower Upper
43 100
58 52.6 31.7 95.1



#60
Dibromochloromethane
Concen: 19.460 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 129 Resp: 81583
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

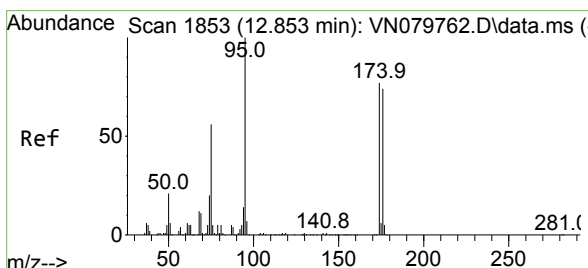
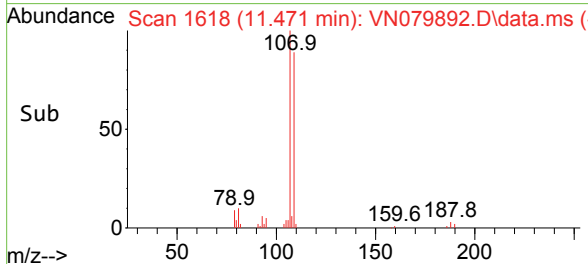
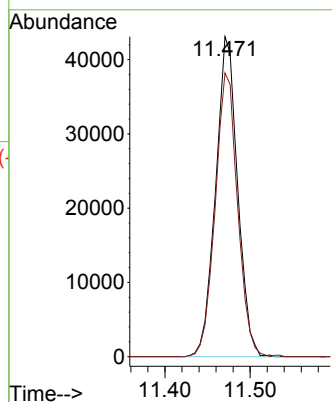
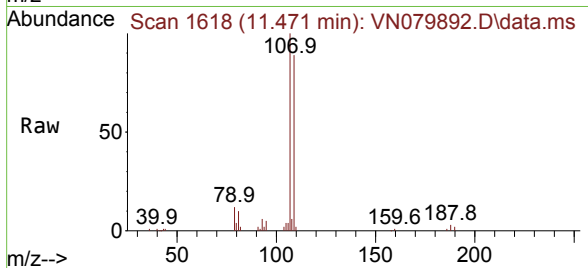




#61
1,2-Dibromoethane
Concen: 19.632 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

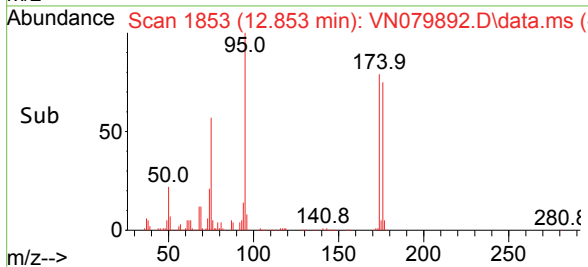
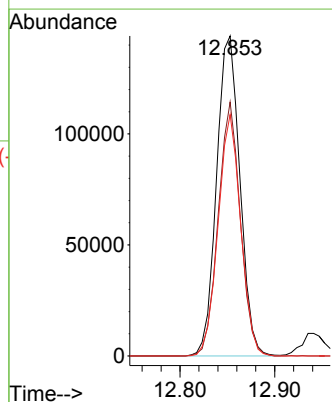
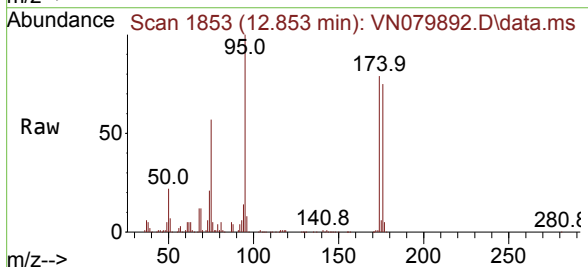
Instrument :
MSVOA_N
ClientSampleId :

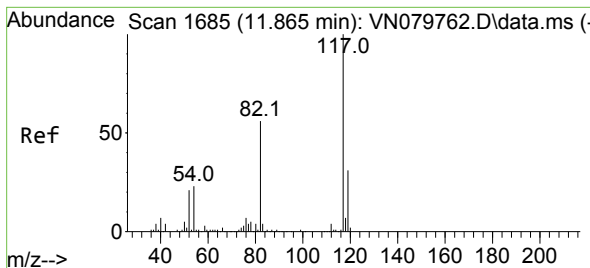
Tgt Ion:107 Resp: 77176
Ion Ratio Lower Upper
107 100
109 90.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.671 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 95 Resp: 246986
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 72.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

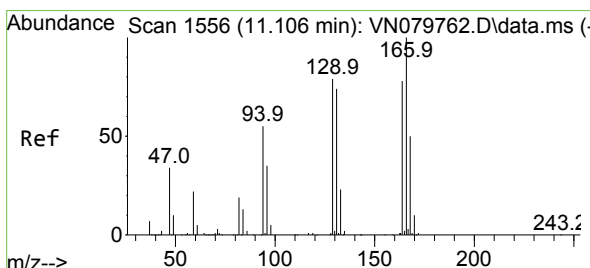
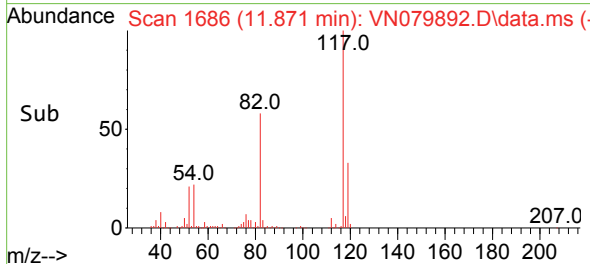
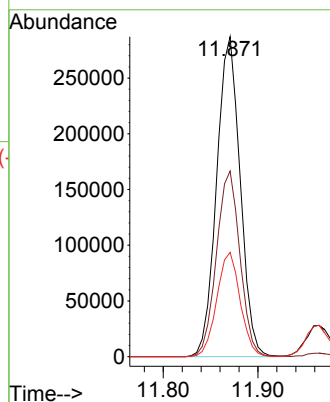
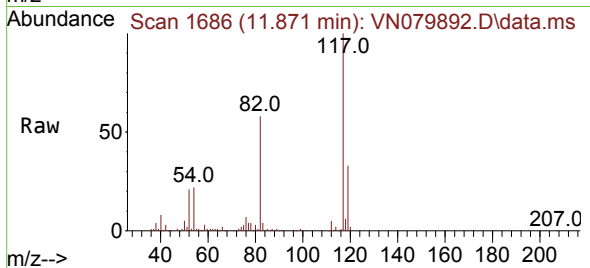
Tgt Ion:117 Resp: 496011

Ion Ratio Lower Upper

117 100

82 58.0 44.0 66.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 22.174 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Tgt Ion:164 Resp: 71231

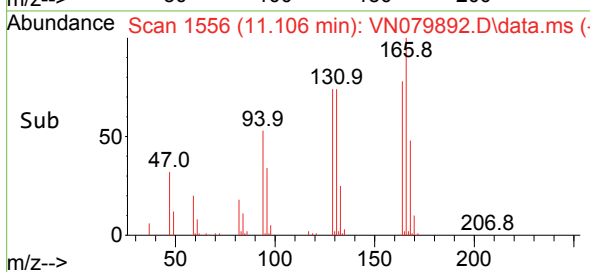
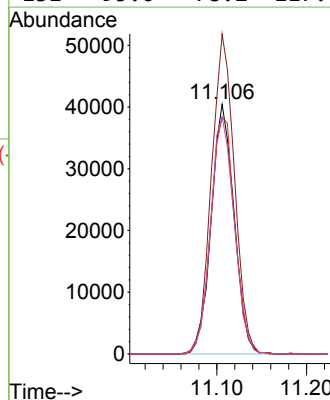
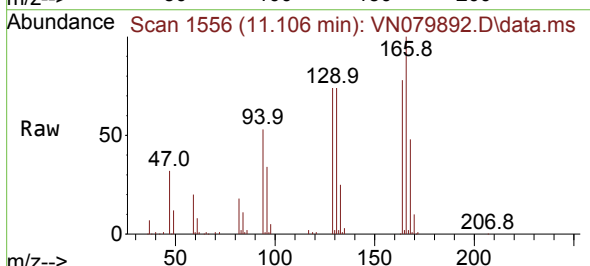
Ion Ratio Lower Upper

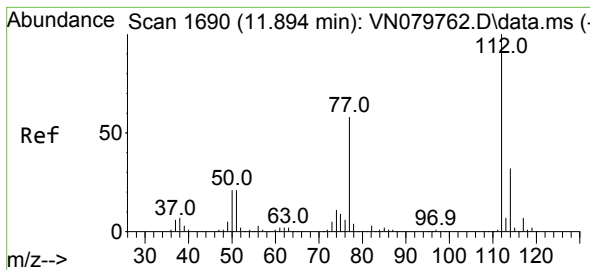
164 100

166 128.2 101.4 152.0

129 94.8 82.4 123.6

131 95.0 78.2 117.4

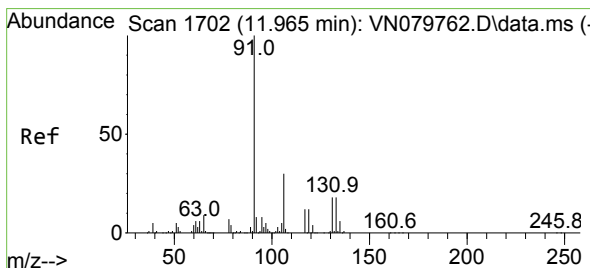
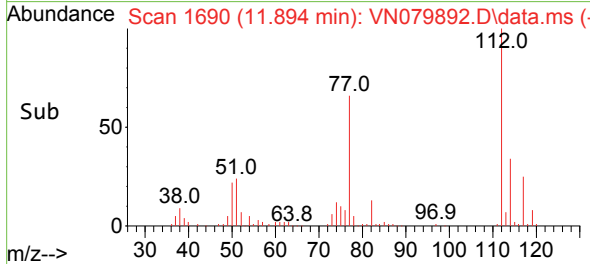
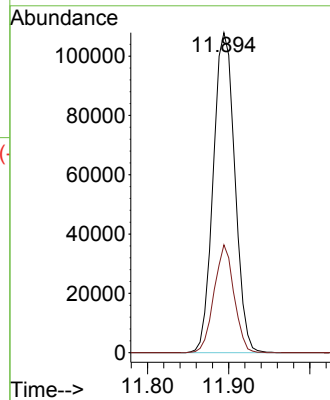
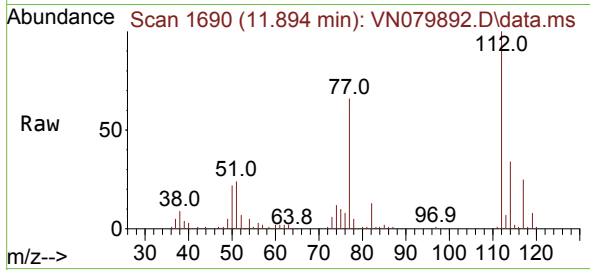




#65
Chlorobenzene
Concen: 18.524 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

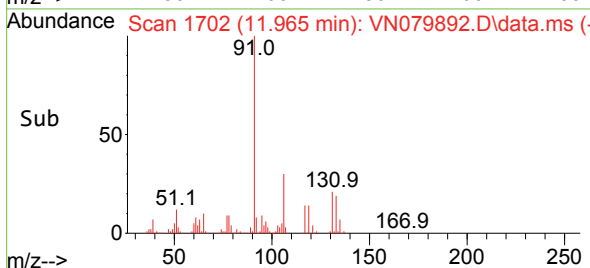
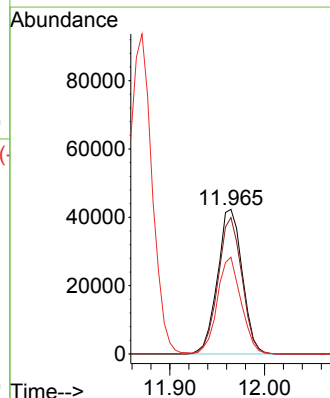
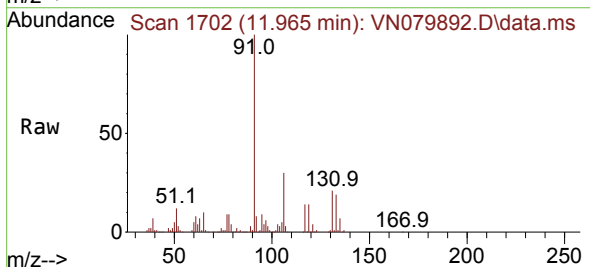
Instrument :
MSVOA_N
ClientSampleId :

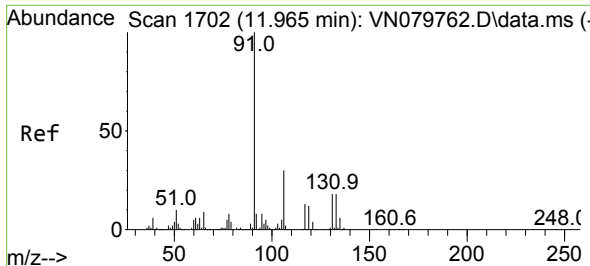
Tgt Ion:112 Resp: 199306
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.813 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion:131 Resp: 76807
Ion Ratio Lower Upper
131 100
133 91.3 46.4 139.1
119 64.6 34.1 102.2

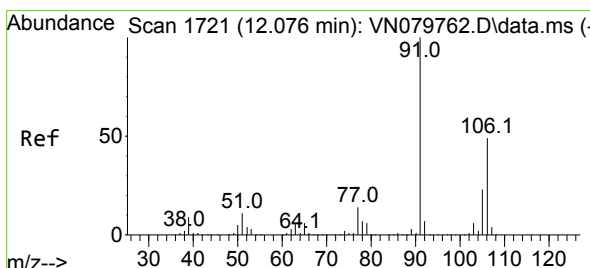
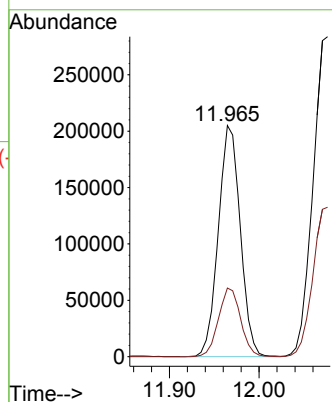
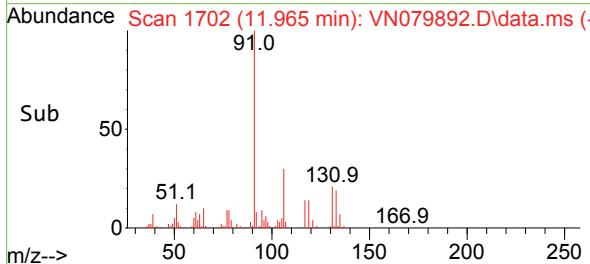
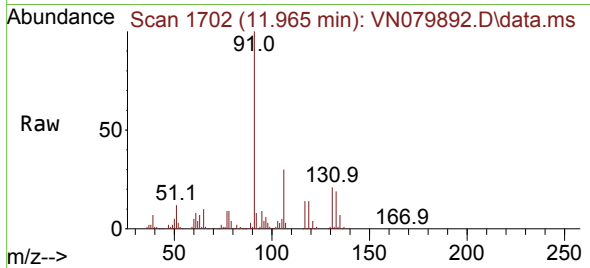




#67
Ethyl Benzene
Concen: 18.595 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

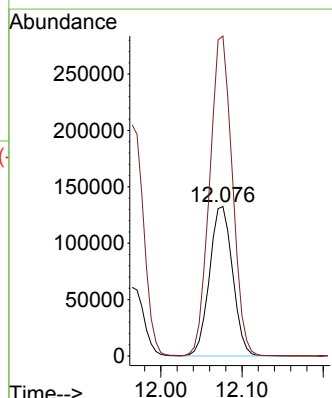
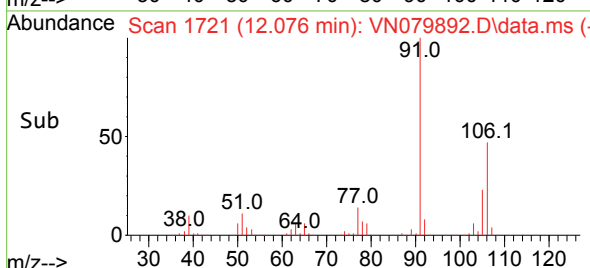
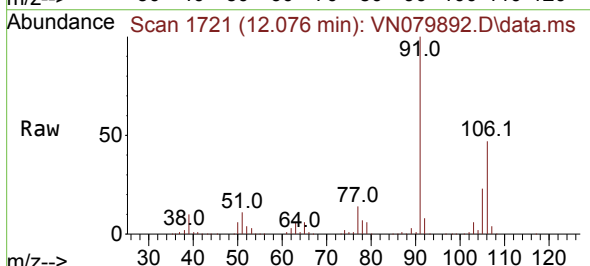
Instrument :
MSVOA_N
ClientSampleId :

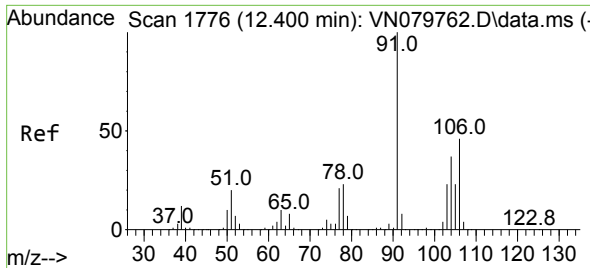
Tgt Ion: 91 Resp: 348579
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 37.527 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 106 Resp: 262052
Ion Ratio Lower Upper
106 100
91 210.1 159.6 239.4

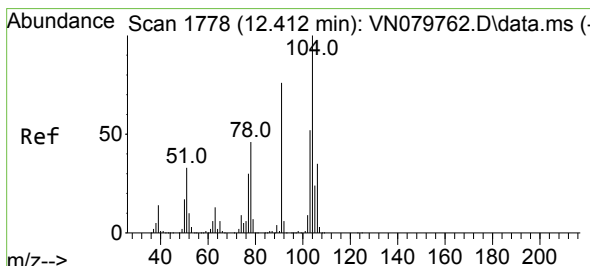
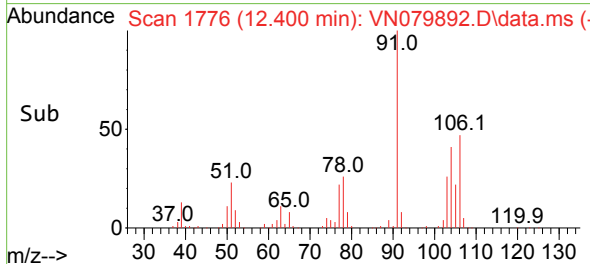
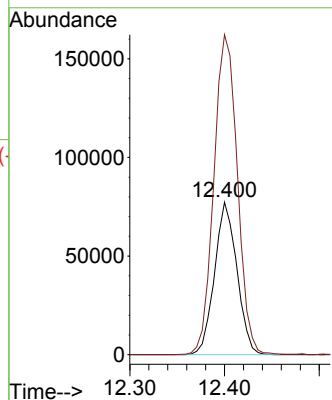
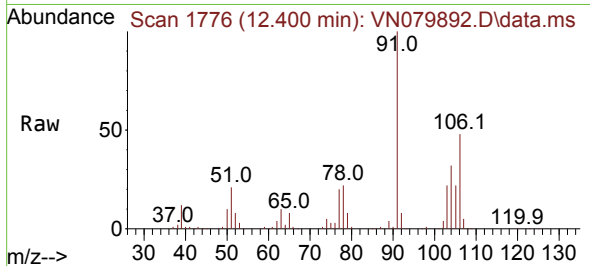




#69
o-Xylene
Concen: 18.895 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

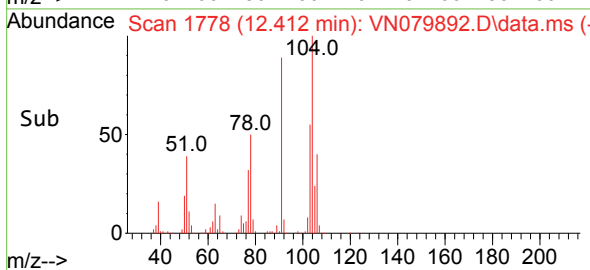
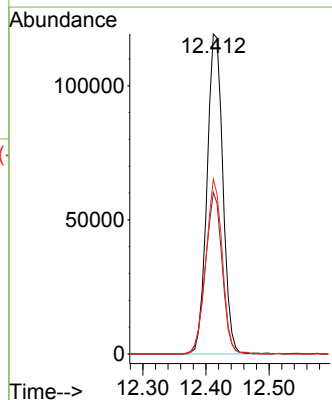
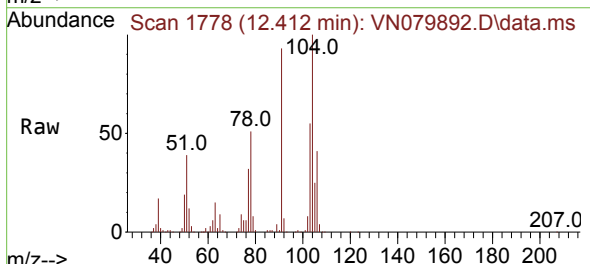
Instrument :
MSVOA_N
ClientSampleId :

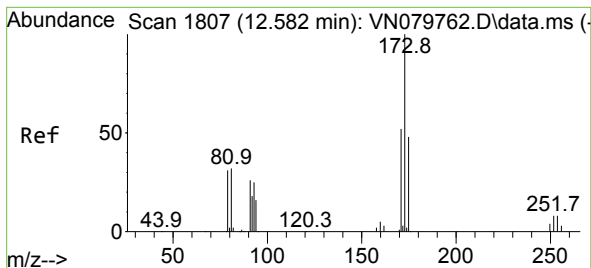
Tgt Ion:106 Resp: 127058
Ion Ratio Lower Upper
106 100
91 221.0 105.2 315.5



#70
Styrene
Concen: 19.239 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion:104 Resp: 207904
Ion Ratio Lower Upper
104 100
78 53.1 39.5 59.3
103 56.6 43.2 64.8





#71

Bromoform

Concen: 19.143 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

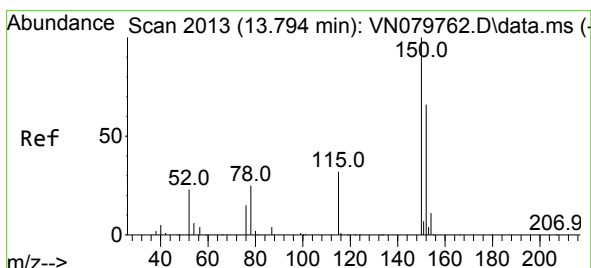
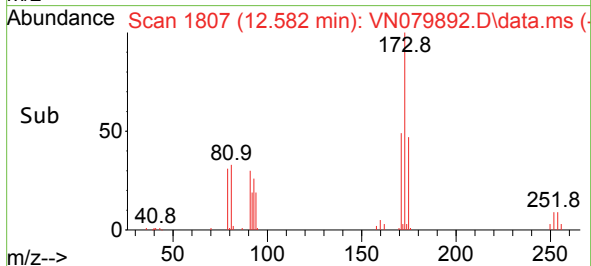
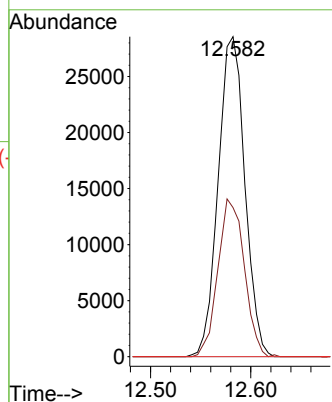
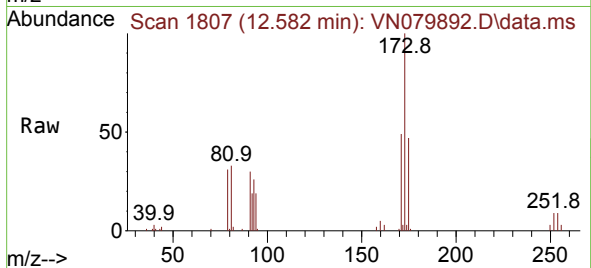
Tgt Ion:173 Resp: 52693

Ion Ratio Lower Upper

173 100

175 48.8 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: VN079892.D

Acq: 04 Nov 2023 14:54

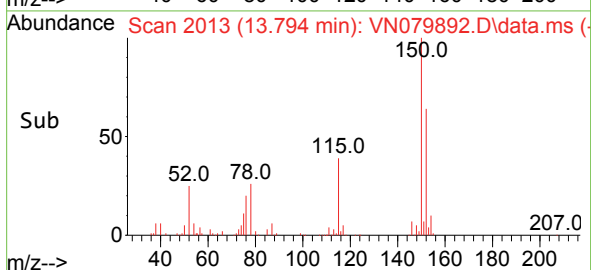
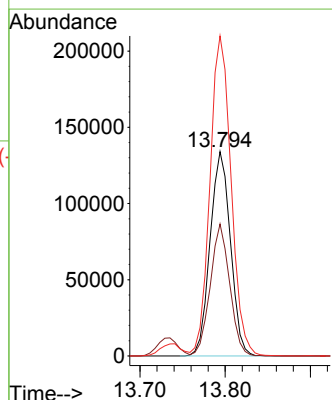
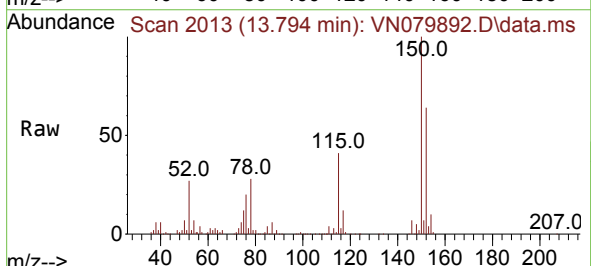
Tgt Ion:152 Resp: 222330

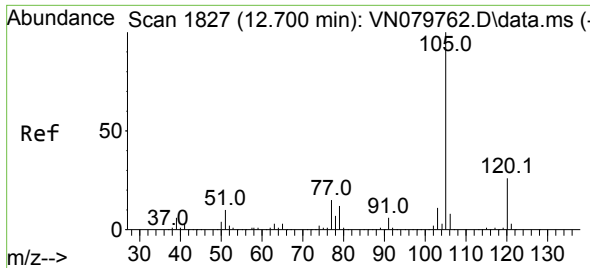
Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 162.5 0.0 355.8

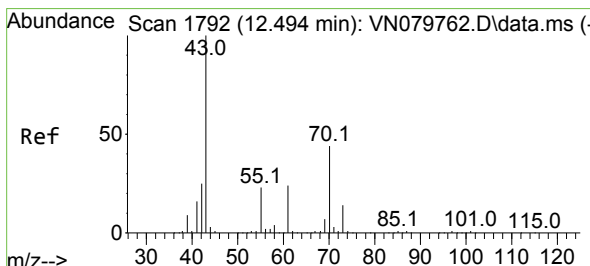
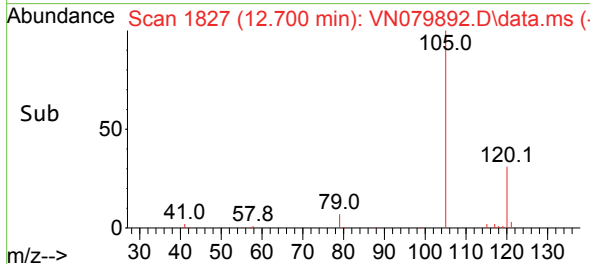
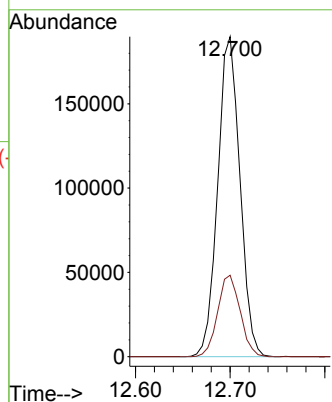
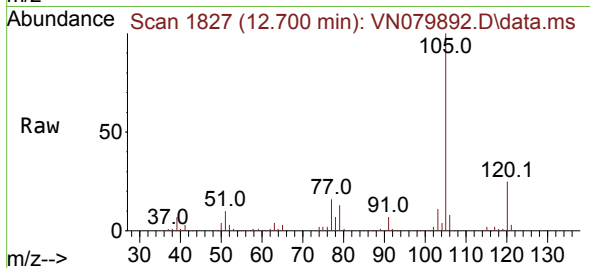




#73
Isopropylbenzene
Concen: 18.328 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

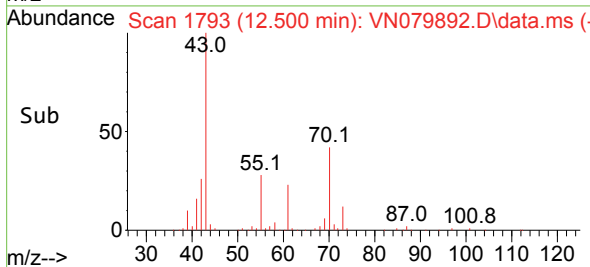
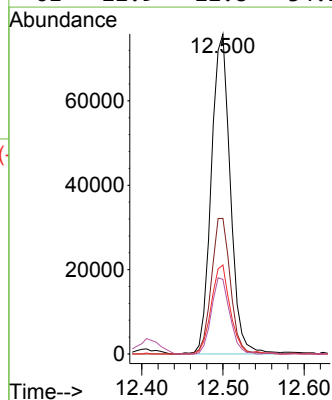
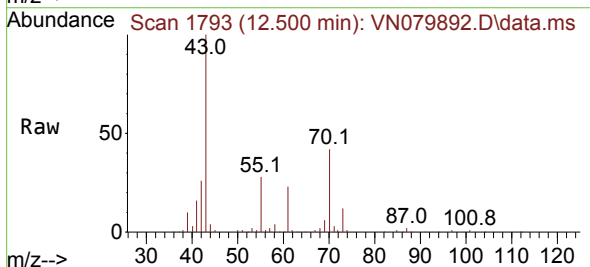
Instrument :
MSVOA_N
ClientSampleId :

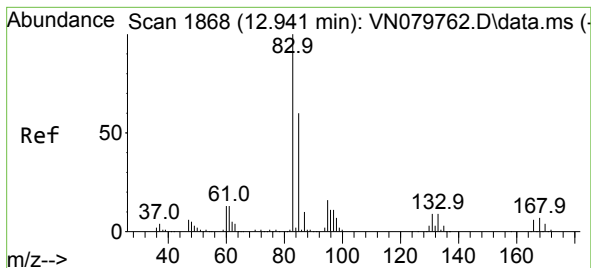
Tgt Ion:105 Resp: 309256
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 16.766 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 43 Resp: 123482
Ion Ratio Lower Upper
43 100
70 42.2 43.4 65.2#
55 27.9 21.4 32.0
61 22.9 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.320 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

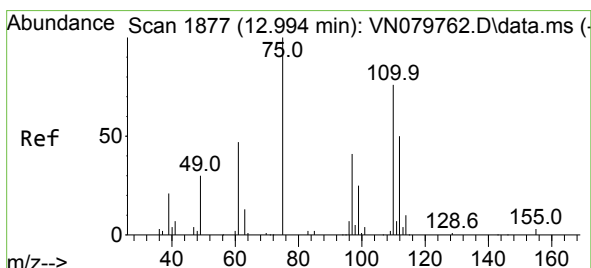
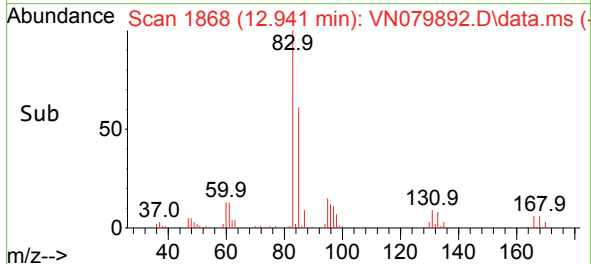
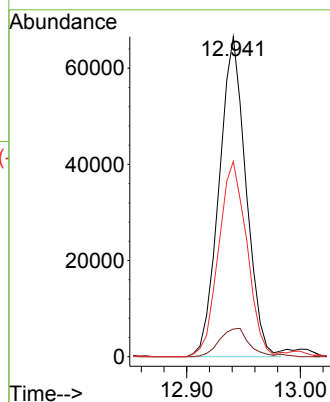
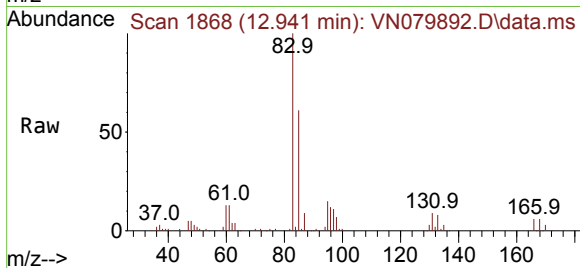
Tgt Ion: 83 Resp: 109601

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

85 64.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 25.869 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079892.D

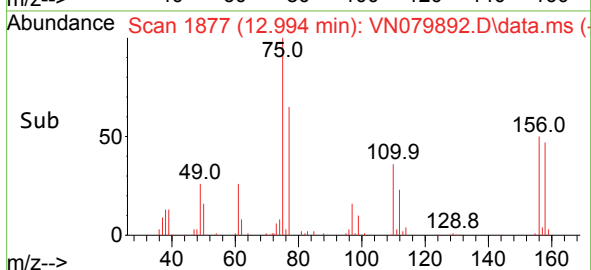
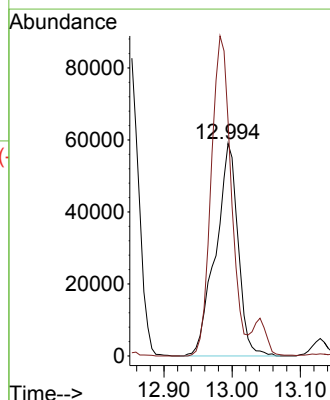
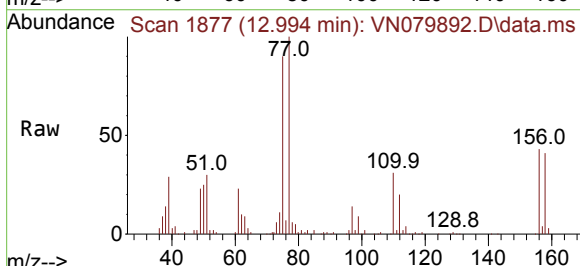
Acq: 04 Nov 2023 14:54

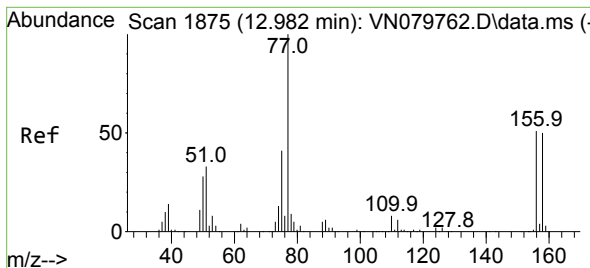
Tgt Ion: 75 Resp: 135026

Ion Ratio Lower Upper

75 100

77 134.1 84.5 253.5





#77

Bromobenzene

Concen: 19.631 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079892.D

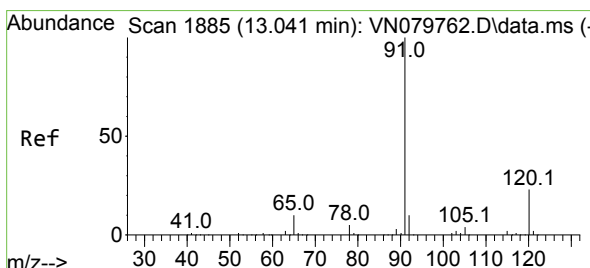
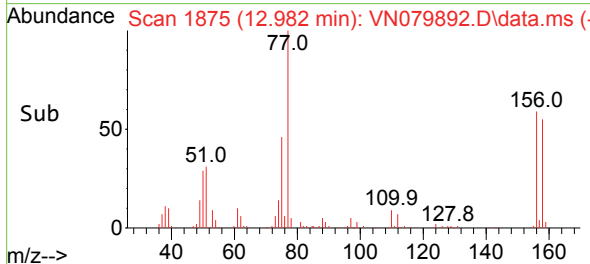
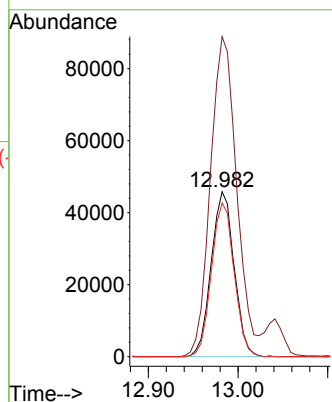
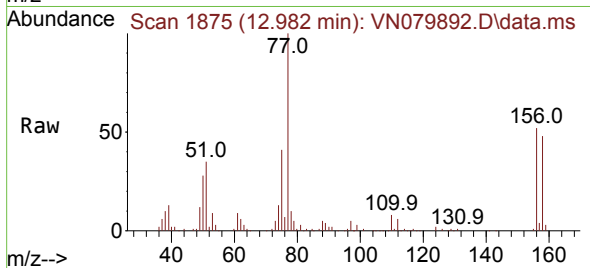
Acq: 04 Nov 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	81096
Ion Ratio	Lower	Upper	
156	100		
77	223.3	107.7	323.3
158	92.3	48.4	145.3



#78

n-propylbenzene

Concen: 19.226 ug/l

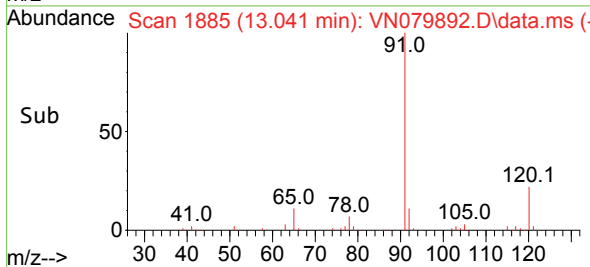
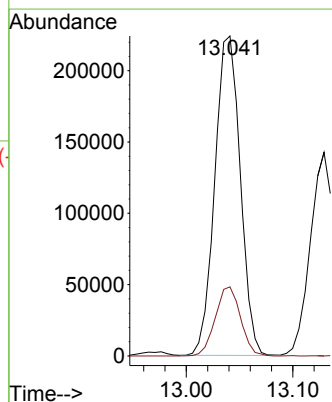
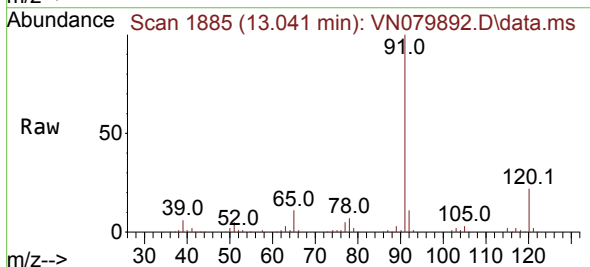
RT: 13.041 min Scan# 1885

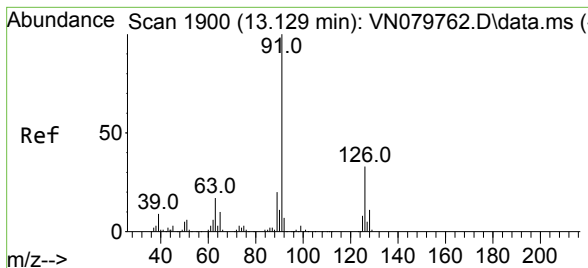
Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Tgt Ion:	91	Resp:	371497
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.5	34.4

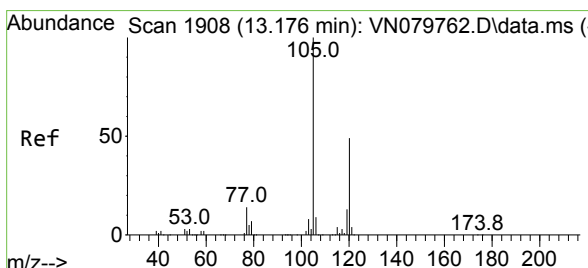
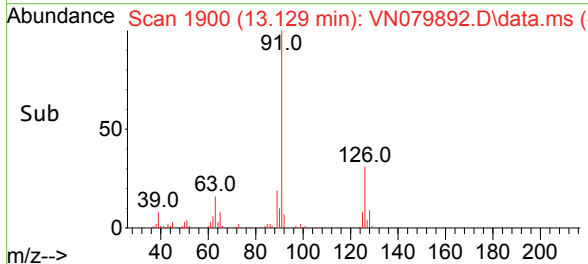
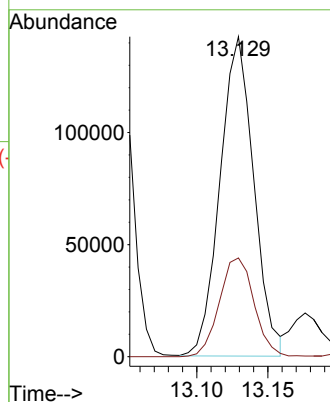
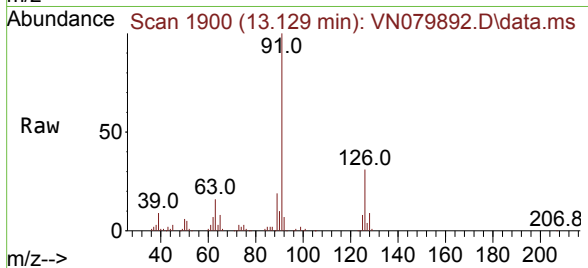




#79
2-Chlorotoluene
Concen: 19.061 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

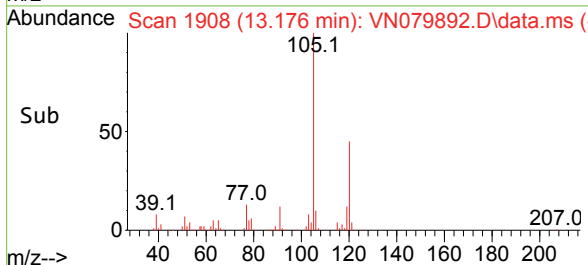
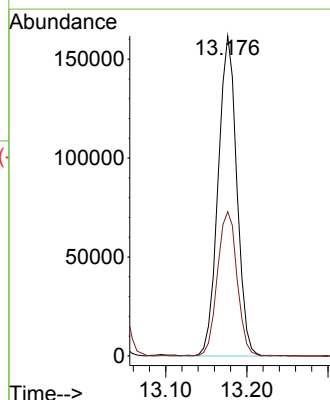
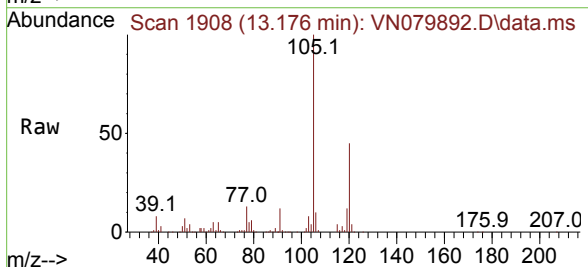
Instrument :
MSVOA_N
ClientSampleId :

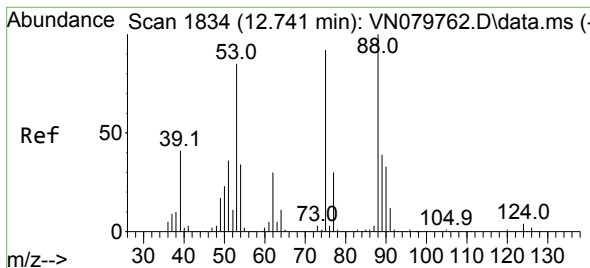
Tgt Ion: 91 Resp: 235288
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.706 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion:105 Resp: 258707
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3

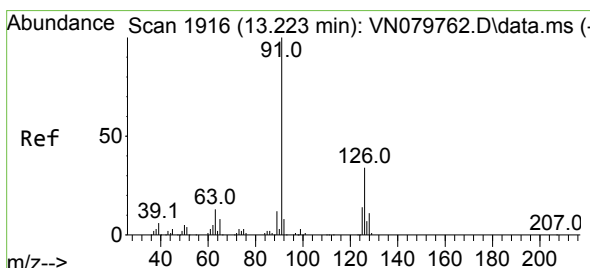
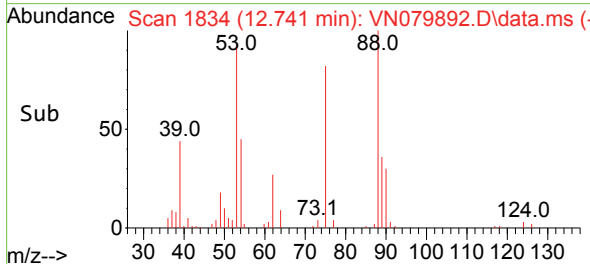
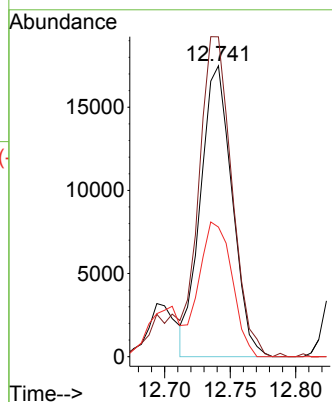
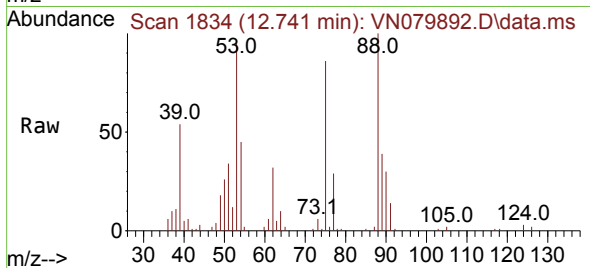




#81
trans-1,4-Dichloro-2-butene
Concen: 15.307 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

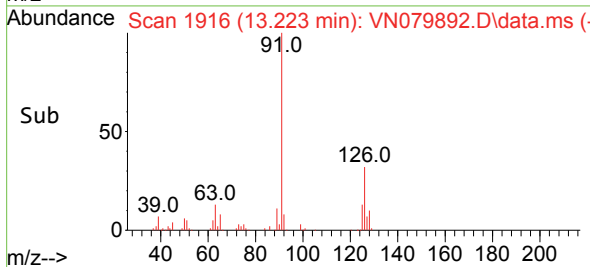
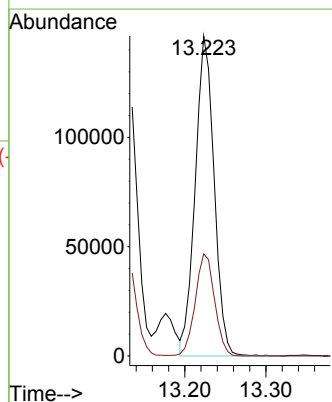
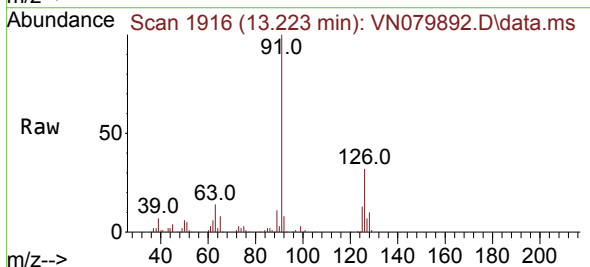
Instrument :
MSVOA_N
ClientSampleId :

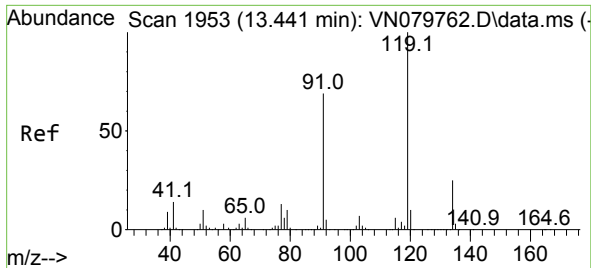
Tgt Ion: 75 Resp: 29365
Ion Ratio Lower Upper
75 100
53 128.4 67.4 101.2#
89 48.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.317 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 91 Resp: 236946
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0

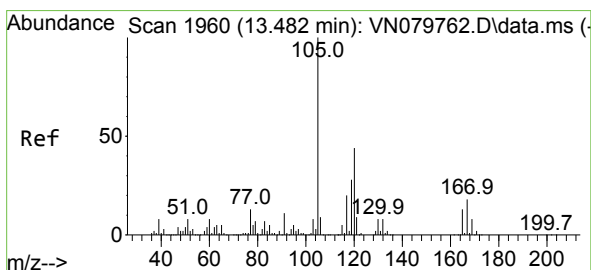
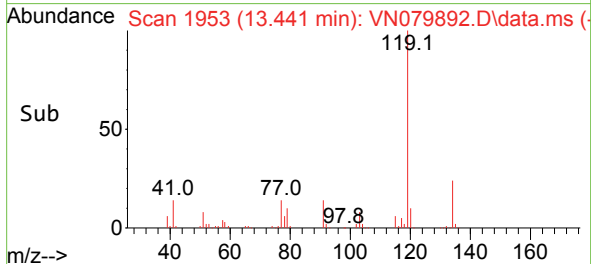
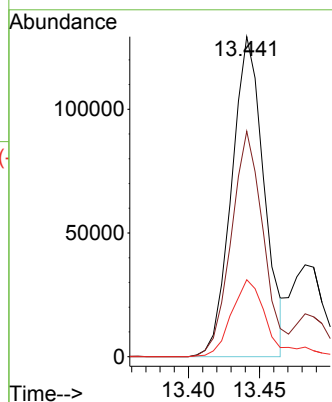
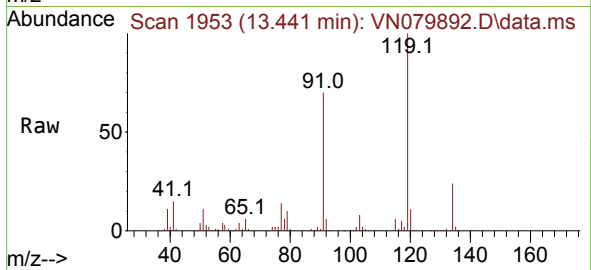




#83
tert-Butylbenzene
Concen: 19.072 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

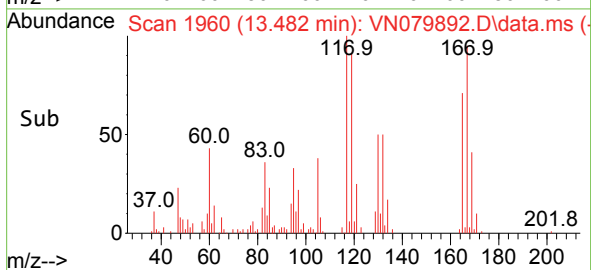
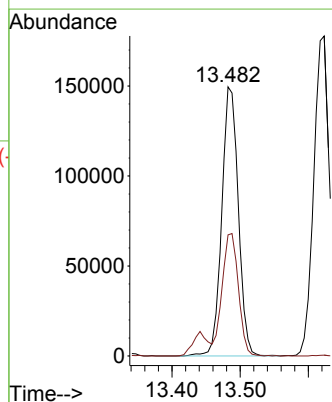
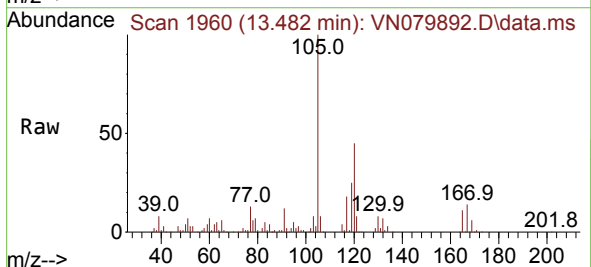
Instrument :
MSVOA_N
ClientSampleId :

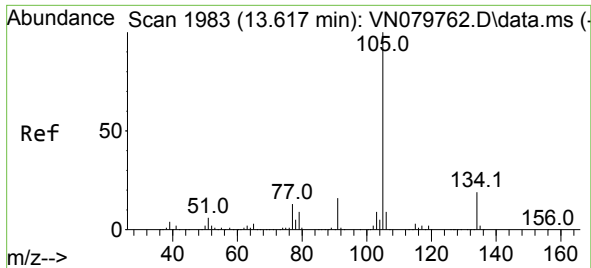
Tgt Ion:119 Resp: 204948
Ion Ratio Lower Upper
119 100
91 70.5 33.9 101.7
134 26.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 19.548 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion:105 Resp: 252487
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0

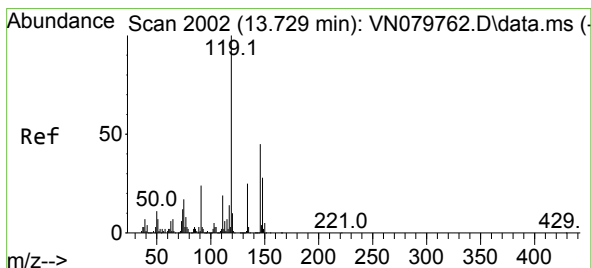
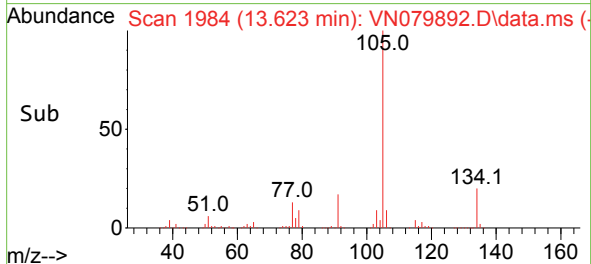
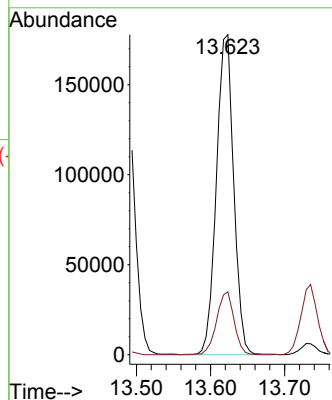
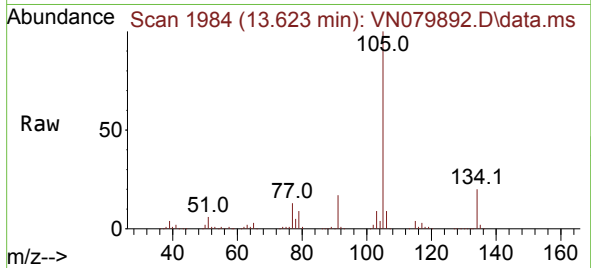




#85
 sec-Butylbenzene
 Concen: 19.361 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN079892.D
 Acq: 04 Nov 2023 14:54

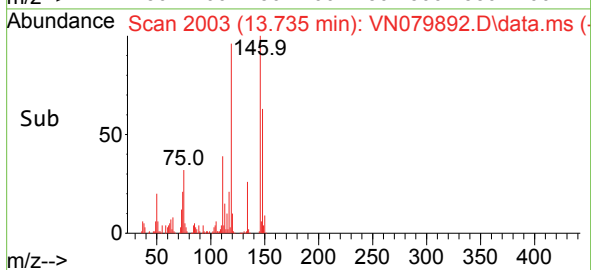
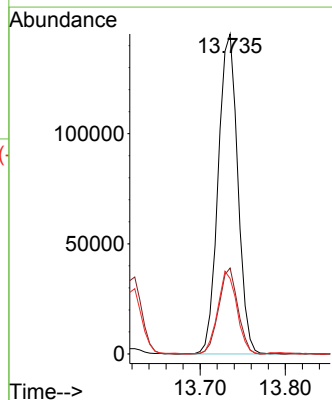
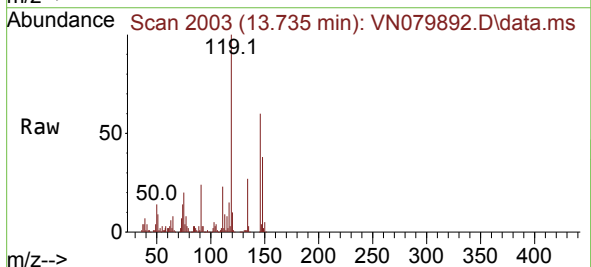
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:105 Resp: 288257
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.069 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079892.D
 Acq: 04 Nov 2023 14:54

Tgt Ion:119 Resp: 231465
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 25.3 12.4 37.2

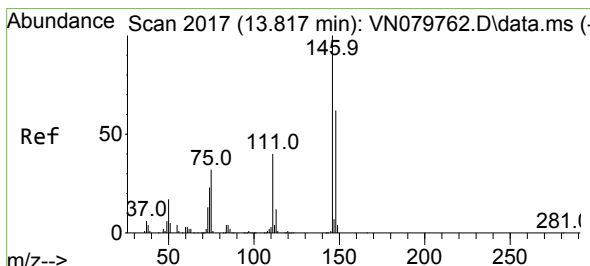
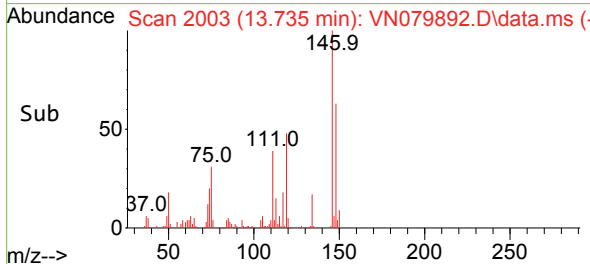
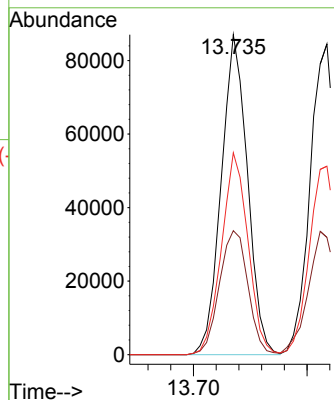
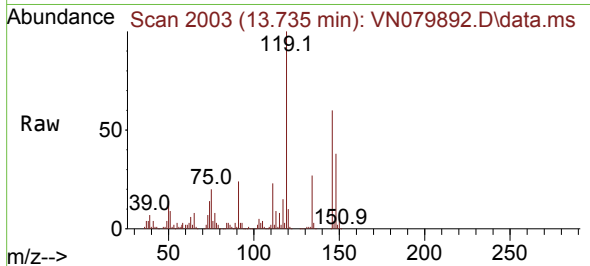




#87
 1,3-Dichlorobenzene
 Concen: 18.157 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079892.D
 Acq: 04 Nov 2023 14:54

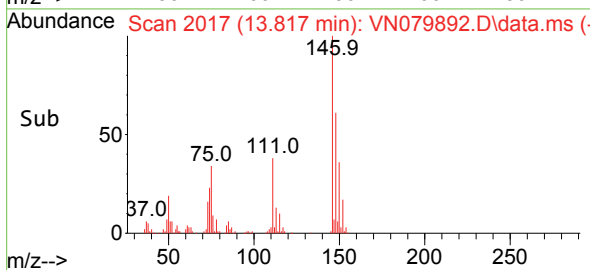
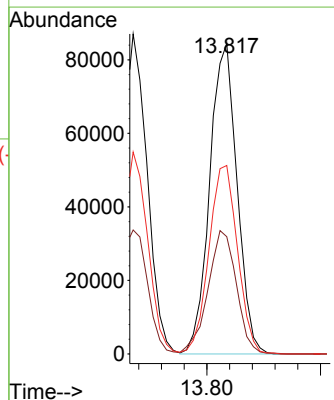
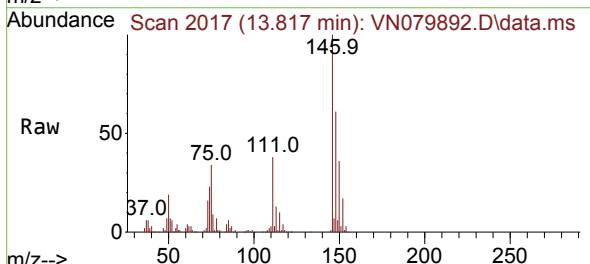
Instrument :
 MSVOA_N
 ClientSampleId :

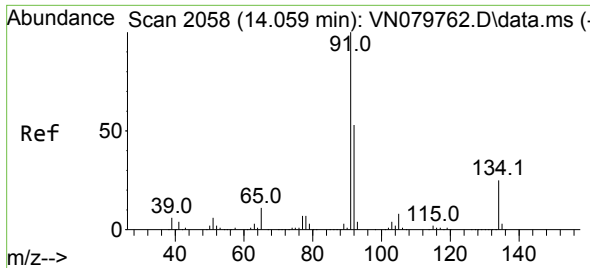
Tgt Ion:146 Resp: 139536
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.1 66.3
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.100 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079892.D
 Acq: 04 Nov 2023 14:54

Tgt Ion:146 Resp: 141187
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.6 61.8
 148 63.6 31.6 94.8

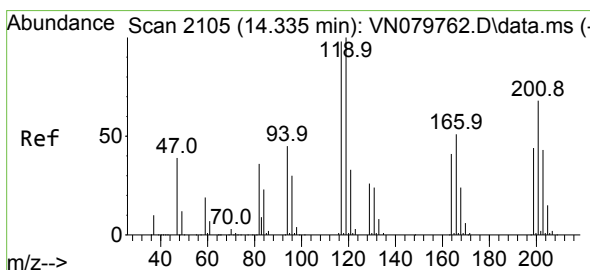
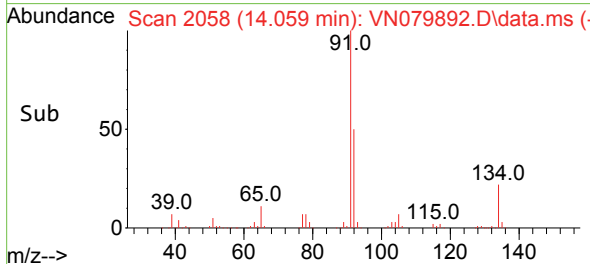
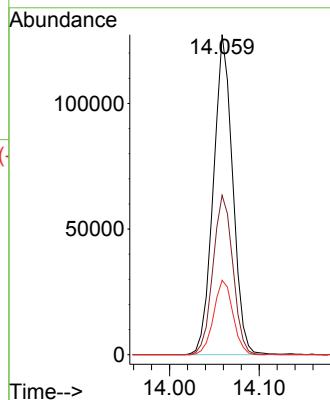
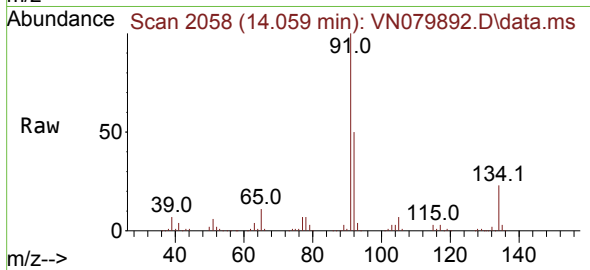




#89
n-Butylbenzene
Concen: 18.217 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

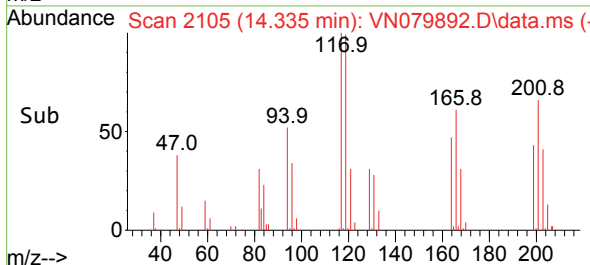
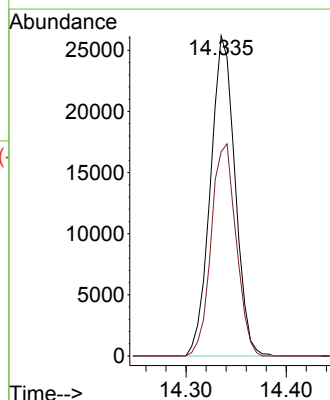
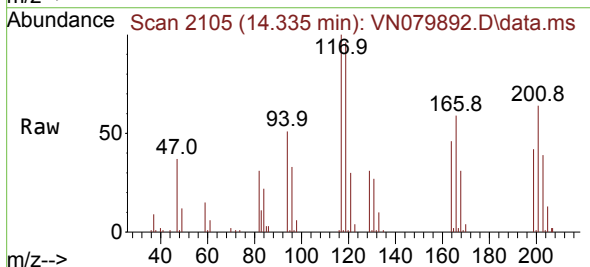
Instrument :
MSVOA_N
ClientSampleId :

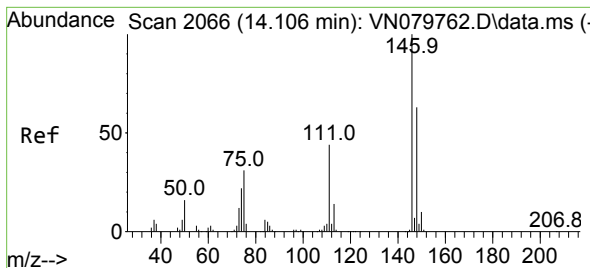
Tgt Ion: 91 Resp: 190459
Ion Ratio Lower Upper
91 100
92 51.2 26.4 79.0
134 23.3 12.6 37.6



#90
Hexachloroethane
Concen: 18.558 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079892.D
Acq: 04 Nov 2023 14:54

Tgt Ion: 117 Resp: 44611
Ion Ratio Lower Upper
117 100
201 67.2 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.184 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

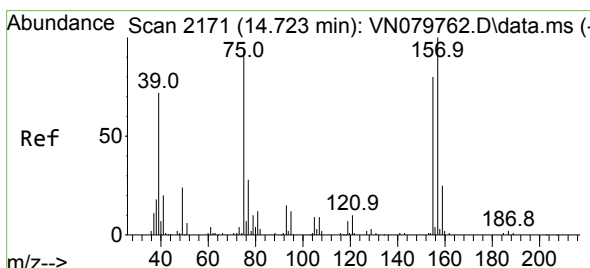
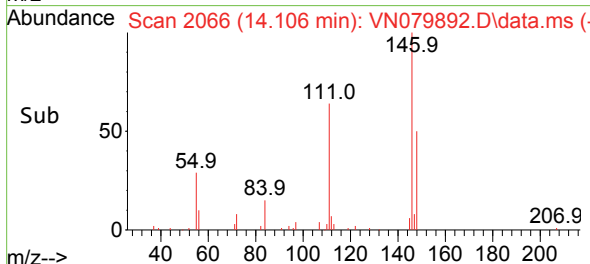
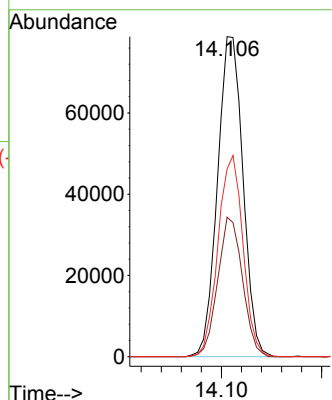
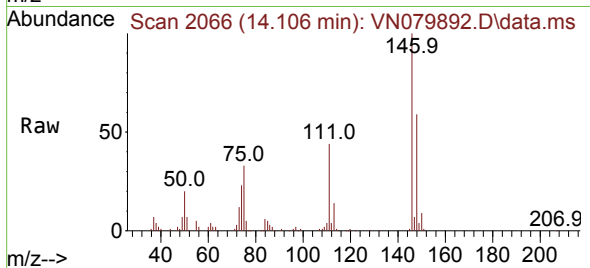
Tgt Ion:146 Resp: 139170

Ion Ratio Lower Upper

146 100

111 42.3 22.0 66.0

148 61.6 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.262 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

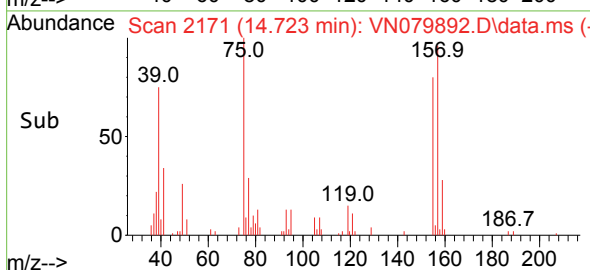
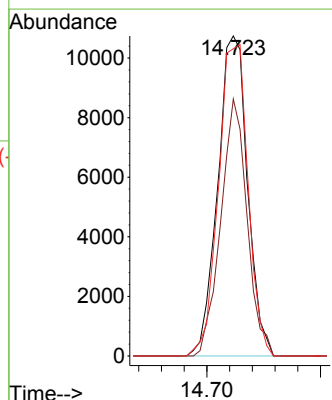
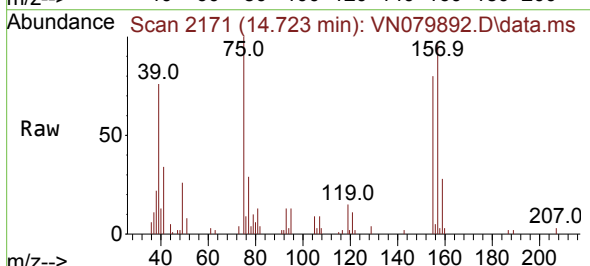
Tgt Ion: 75 Resp: 19542

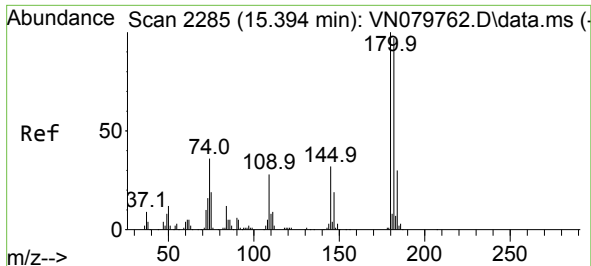
Ion Ratio Lower Upper

75 100

155 71.1 39.1 117.2

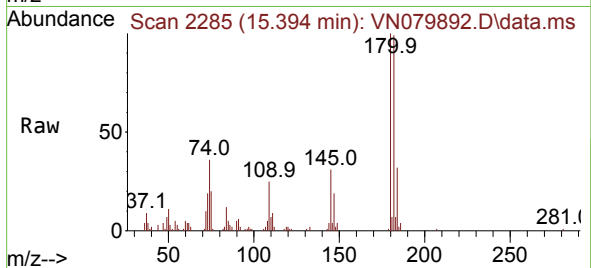
157 96.5 50.3 150.9



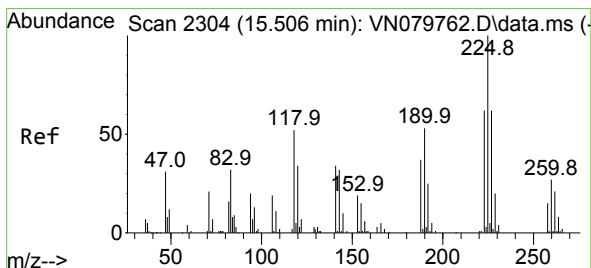
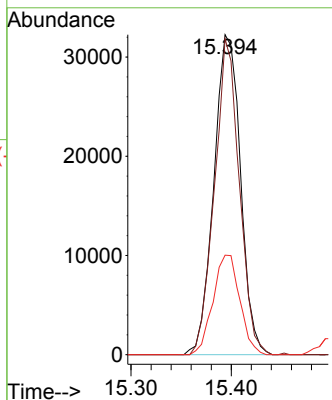
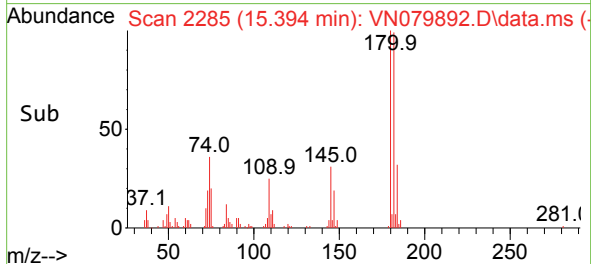


#93
 1,2,4-Trichlorobenzene
 Concen: 17.241 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079892.D
 Acq: 04 Nov 2023 14:54

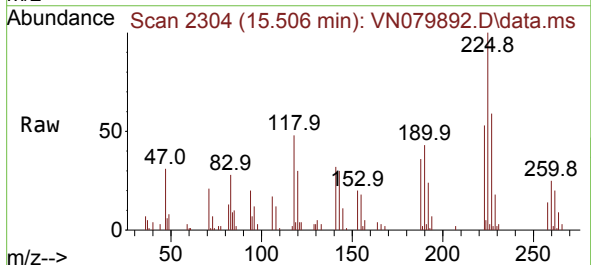
Instrument :
 MSVOA_N
 ClientSampleId :



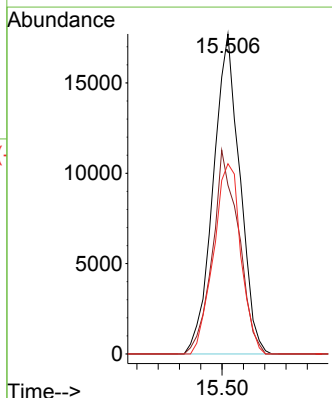
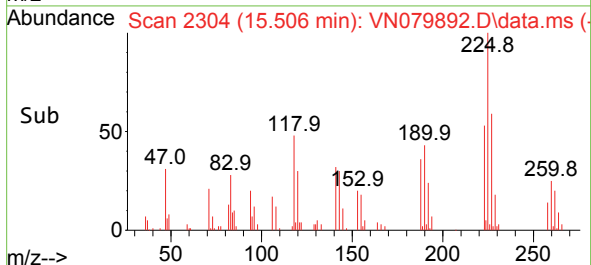
Tgt Ion:180 Resp: 59472
 Ion Ratio Lower Upper
 180 100
 182 91.9 46.1 138.2
 145 31.3 16.6 49.8

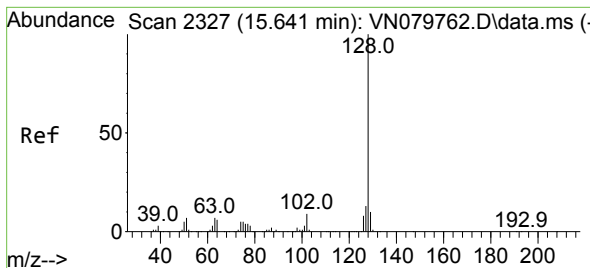


#94
 Hexachlorobutadiene
 Concen: 19.631 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN079892.D
 Acq: 04 Nov 2023 14:54



Tgt Ion:225 Resp: 30698
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 61.2 31.9 95.9





#95

Naphthalene

Concen: 14.247 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

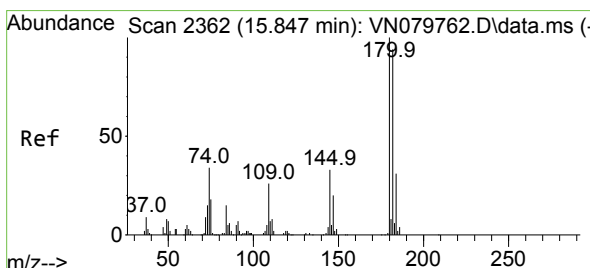
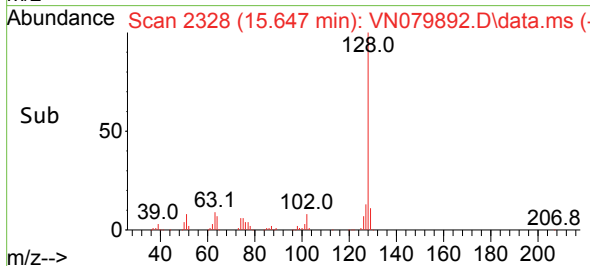
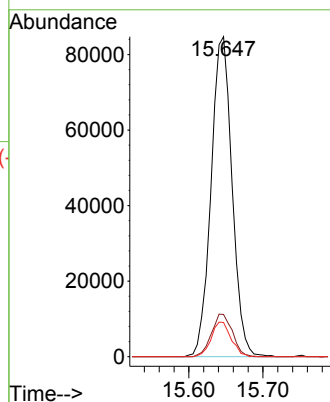
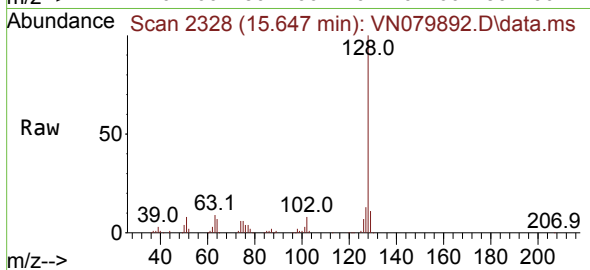
Tgt Ion:128 Resp: 166669

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 10.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.357 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079892.D

Acq: 04 Nov 2023 14:54

Tgt Ion:180 Resp: 58689

Ion Ratio Lower Upper

180 100

182 92.6 46.2 138.6

145 32.1 17.5 52.6

