

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077149.D
 Acq On : 23 Mar 2023 15:05
 Operator : JC\MD
 Sample : 01849-09
 Misc : 12.71g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 24 01:34:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

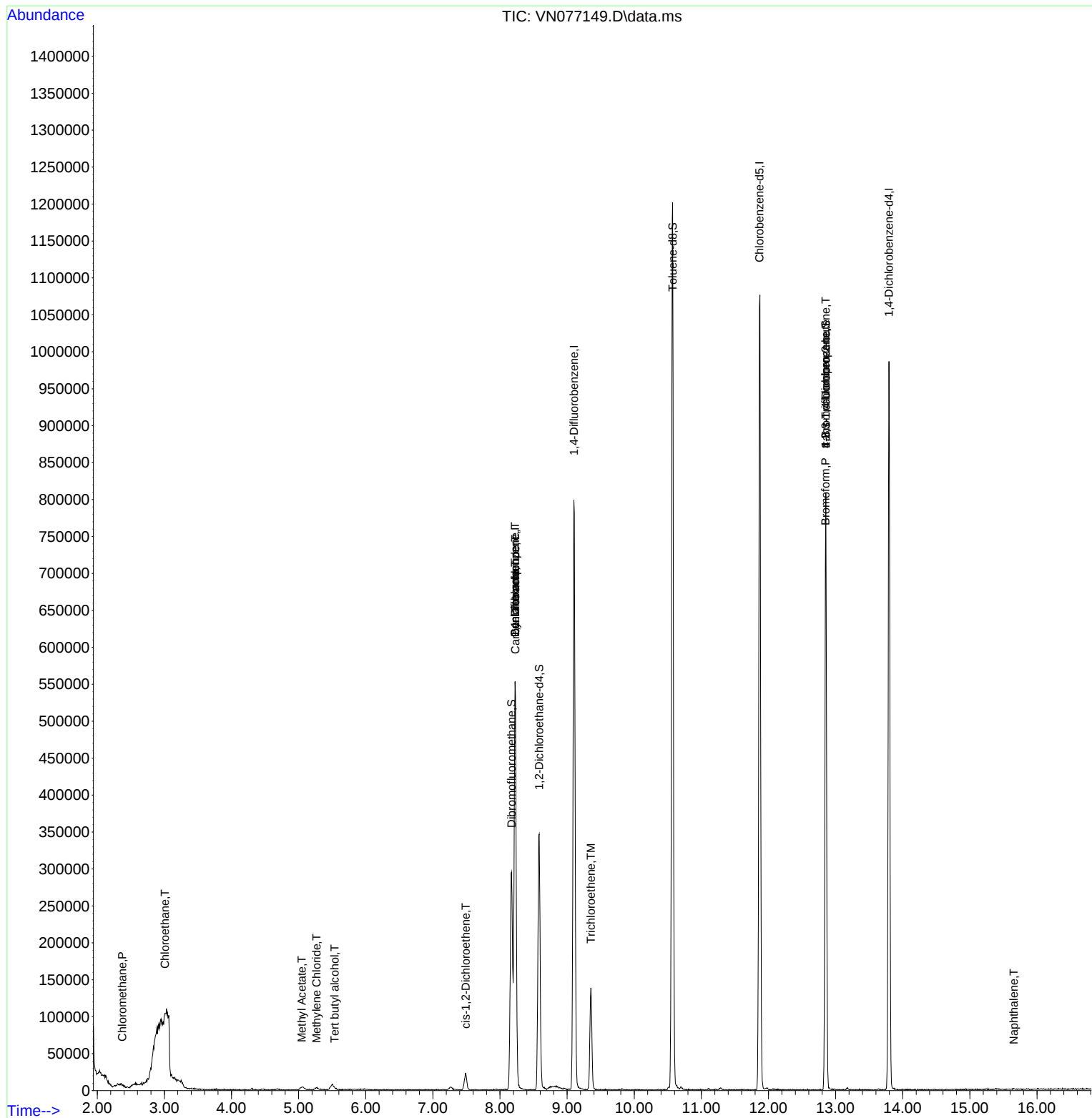
Internal Standards						
1) Pentafluorobenzene	8.225	168	384735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	667343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	600557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	249608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	280971	45.720	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.440%		
35) Dibromofluoromethane	8.172	113	211530	45.262	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.520%		
50) Toluene-d8	10.572	98	818050	49.002	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.000%		
62) 4-Bromofluorobenzene	12.854	95	251818	42.687	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.380%		
Target Compounds						Qvalue
3) Chloromethane	2.372	50	877	0.226	ug/l #	43
6) Chloroethane	3.007	64	33526	12.663	ug/l #	54
11) Tert butyl alcohol	5.537	59	1452	1.621	ug/l #	72
18) Methyl Acetate	5.048	43	11026	1.068	ug/l #	70
20) Methylene Chloride	5.266	84	1335	0.225	ug/l #	64
27) cis-1,2-Dichloroethene	7.489	96	9647	1.664	ug/l	93
31) Cyclohexane	8.225	56	10624	1.057	ug/l #	28
36) 1,1-Dichloropropene	8.225	75	34025	4.661	ug/l #	54
38) Carbon Tetrachloride	8.231	117	43039	6.053	ug/l #	17
44) Trichloroethene	9.354	130	46438	9.132	ug/l	100
71) Bromoform	12.848	173	2224	0.642	ug/l #	28
76) 1,2,3-Trichloropropane	12.854	75	144976	22.454	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	144976	61.807	ug/l #	10
95) Naphthalene	15.654	128	1211	1.982	ug/l #	82

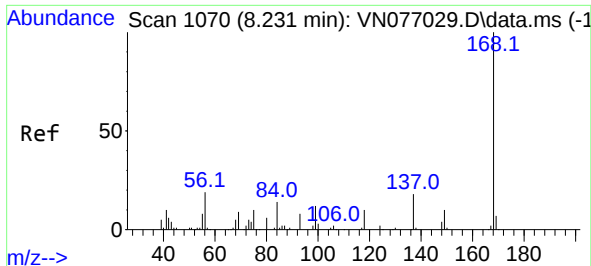
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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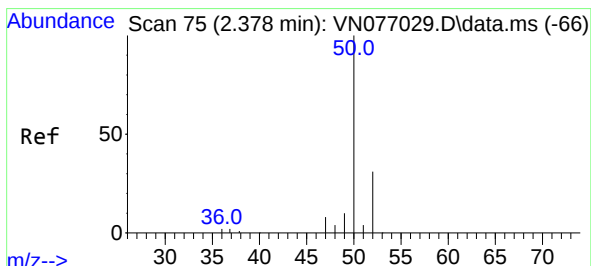
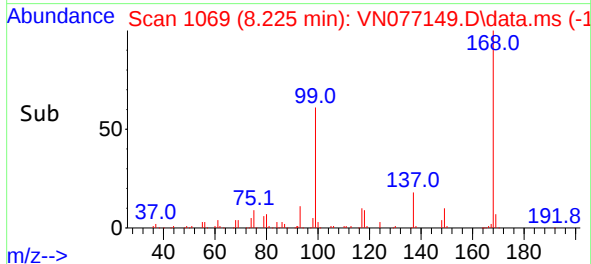
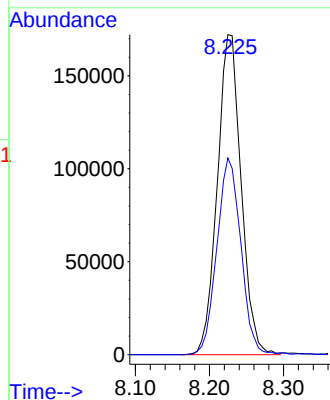
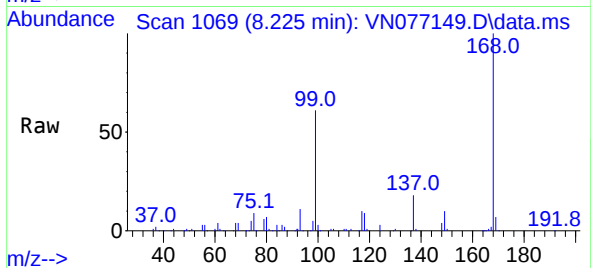




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

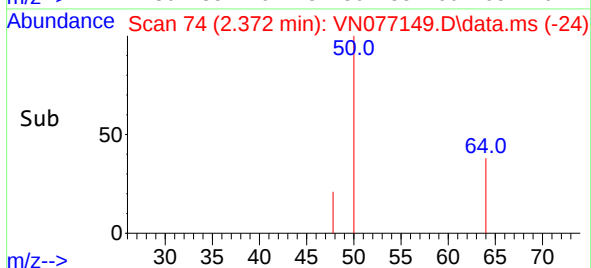
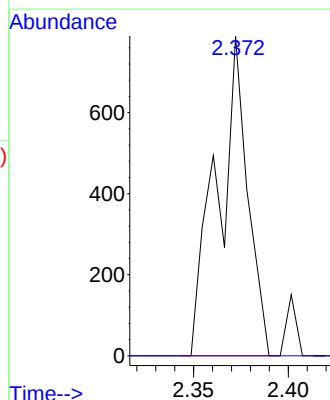
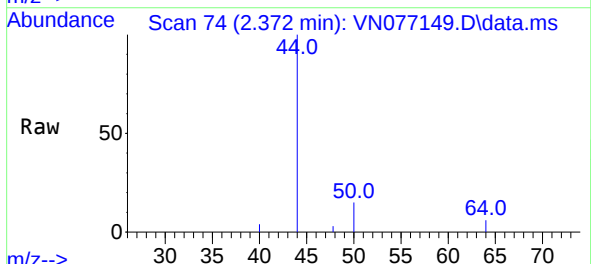
Instrument :
MSVOA_N
ClientSampleId :

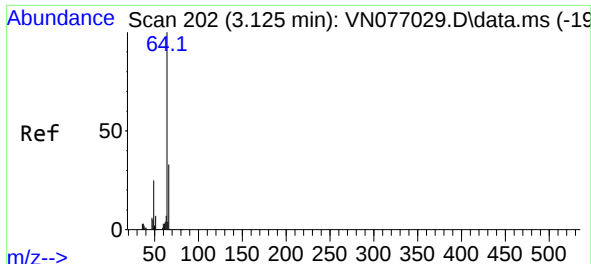
Tgt Ion:168 Resp: 384735
Ion Ratio Lower Upper
168 100
99 61.4 53.9 80.9



#3
Chloromethane
Concen: 0.226 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

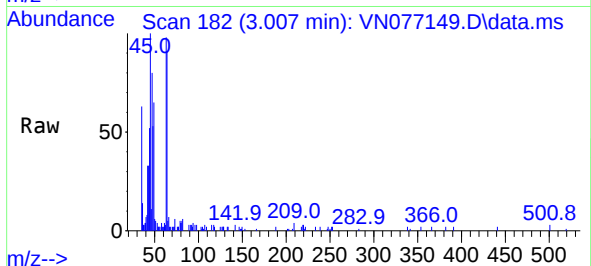
Tgt Ion: 50 Resp: 877
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#



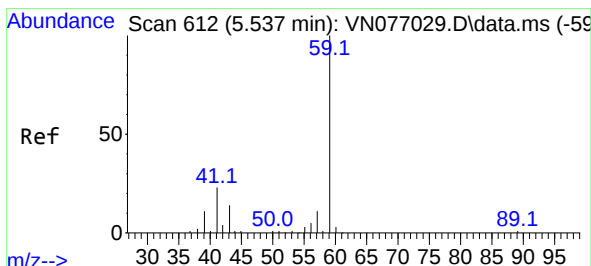
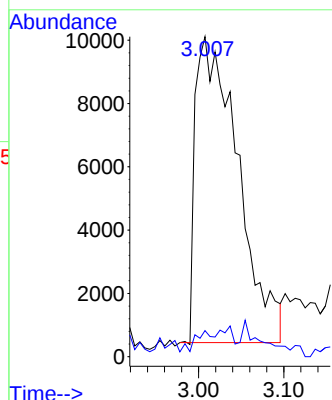
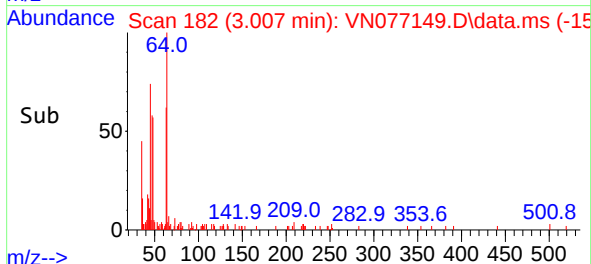


#6
Chloroethane
Concen: 12.663 ug/l
RT: 3.007 min Scan# 11
Delta R.T. -0.118 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :

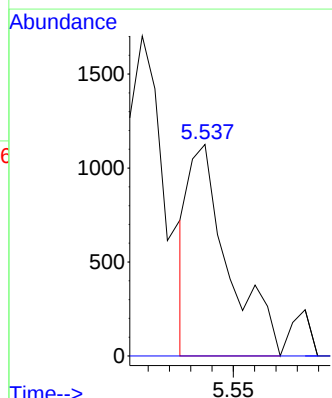
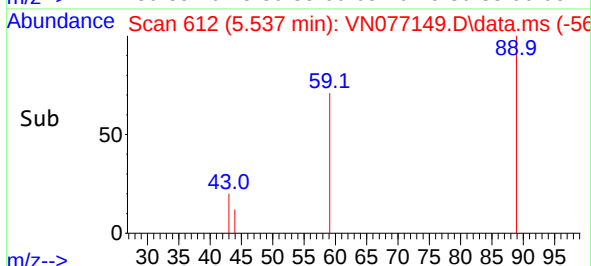
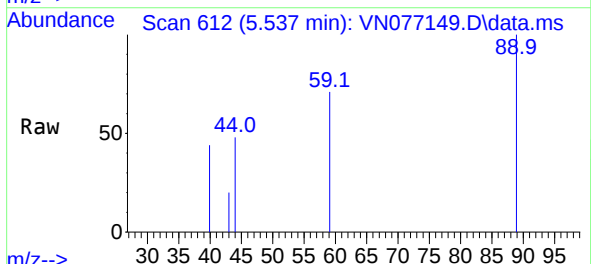


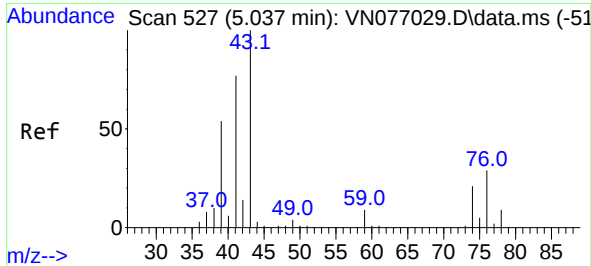
Tgt Ion: 64 Resp: 33526
Ion Ratio Lower Upper
64 100
66 6.9 26.3 39.5#



#11
Tert butyl alcohol
Concen: 1.621 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

Tgt Ion: 59 Resp: 1452
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#18

Methyl Acetate

Concen: 1.068 ug/l

RT: 5.048 min Scan# 51

Delta R.T. 0.011 min

Lab File: VN077149.D

Acq: 23 Mar 2023 15:05

Instrument :

MSVOA_N

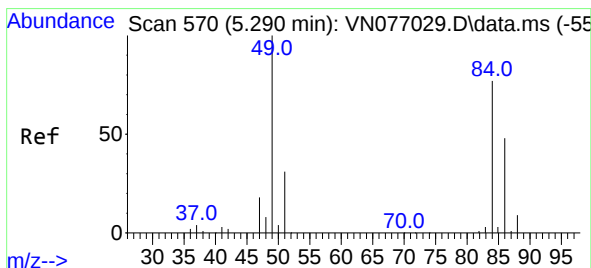
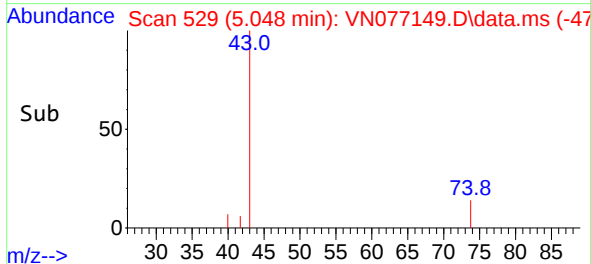
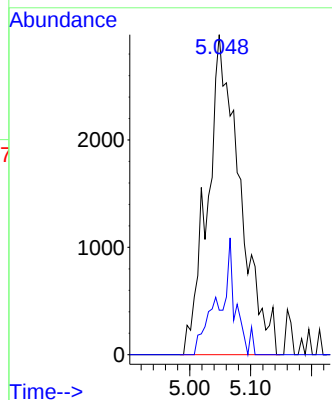
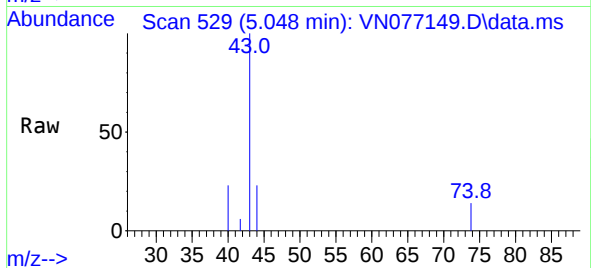
ClientSampleId :

Tgt Ion: 43 Resp: 11026

Ion Ratio Lower Upper

43 100

74 7.7 17.7 26.5#



#20

Methylene Chloride

Concen: 0.225 ug/l

RT: 5.266 min Scan# 566

Delta R.T. -0.024 min

Lab File: VN077149.D

Acq: 23 Mar 2023 15:05

Tgt Ion: 84 Resp: 1335

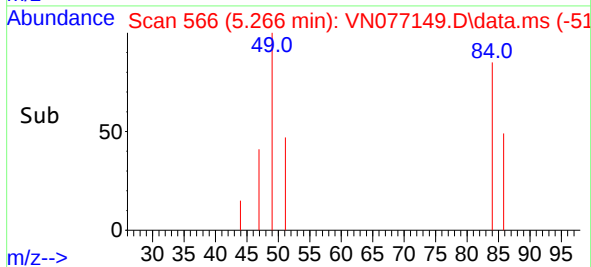
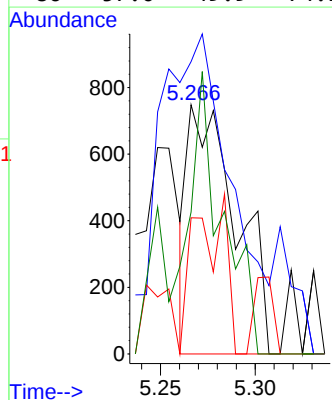
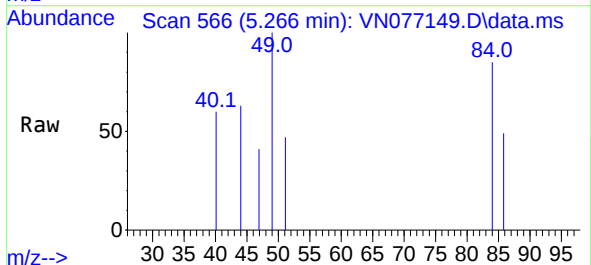
Ion Ratio Lower Upper

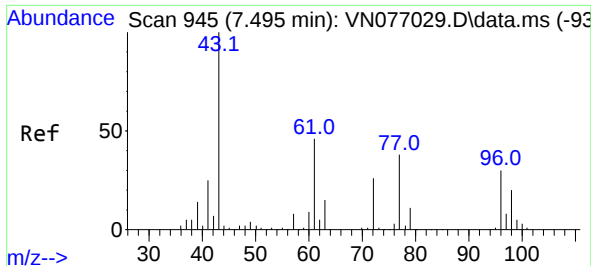
84 100

49 66.3 103.8 155.6#

51 54.7 32.3 48.5#

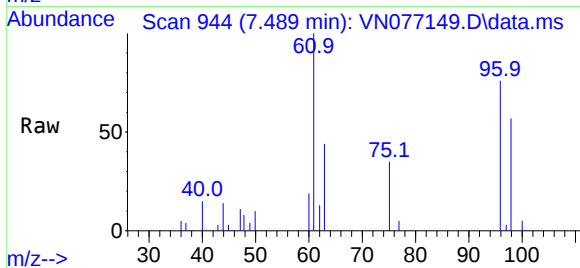
86 57.0 49.9 74.9





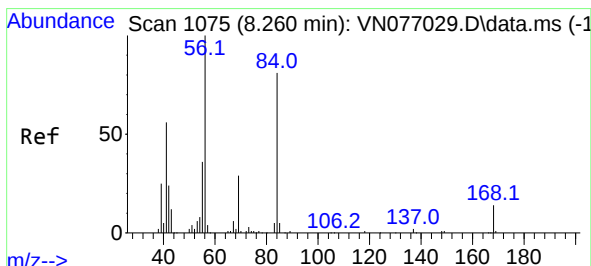
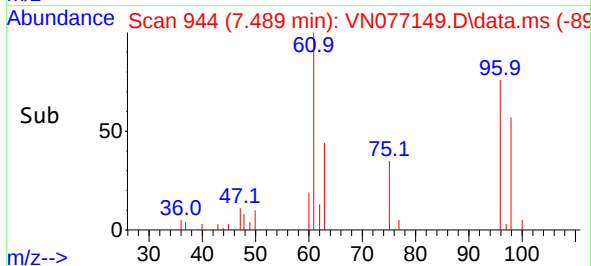
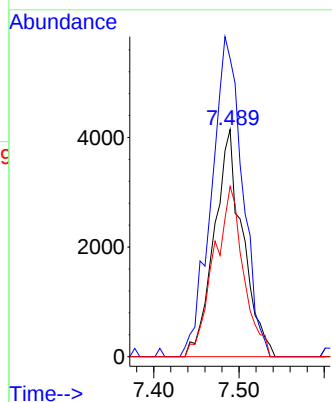
#27
 cis-1,2-Dichloroethene
 Concen: 1.664 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077149.D
 Acq: 23 Mar 2023 15:05

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 9647

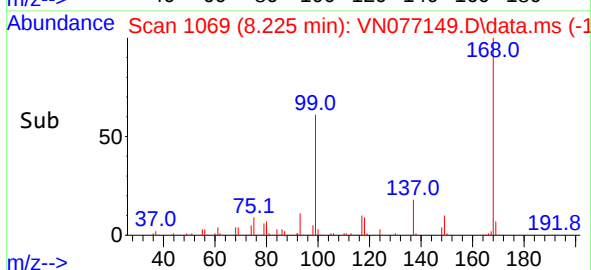
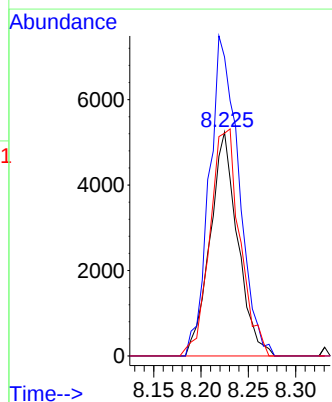
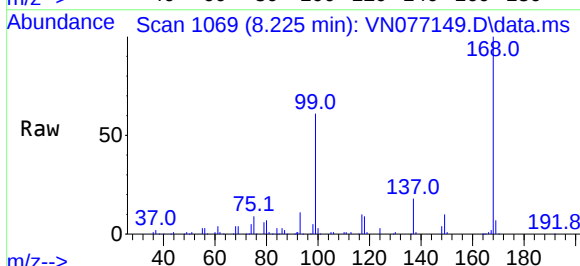
Ion	Ratio	Lower	Upper
96	100		
61	153.5	0.0	315.4
98	77.8	0.0	128.6

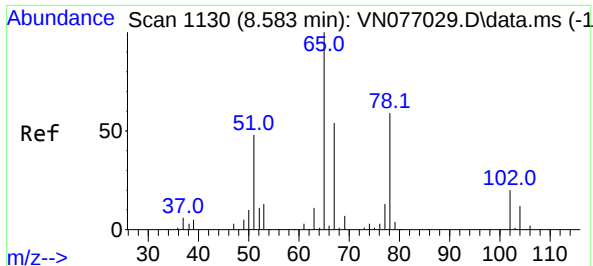


#31
 Cyclohexane
 Concen: 1.057 ug/l
 RT: 8.225 min Scan# 1069
 Delta R.T. -0.035 min
 Lab File: VN077149.D
 Acq: 23 Mar 2023 15:05

Tgt Ion: 56 Resp: 10624

Ion	Ratio	Lower	Upper
56	100		
69	133.6	22.8	34.2#
84	105.3	64.7	97.1#

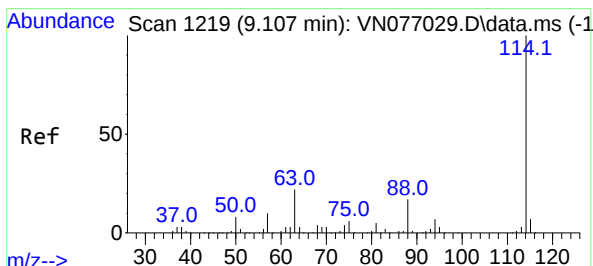
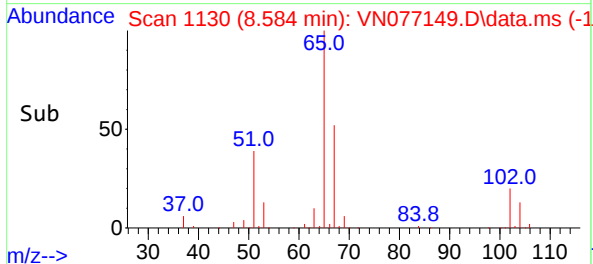
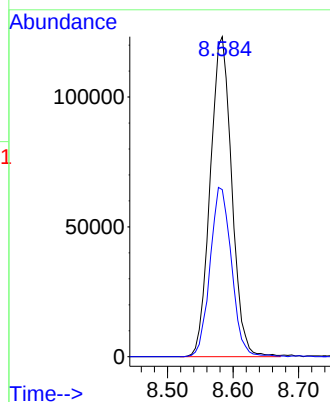
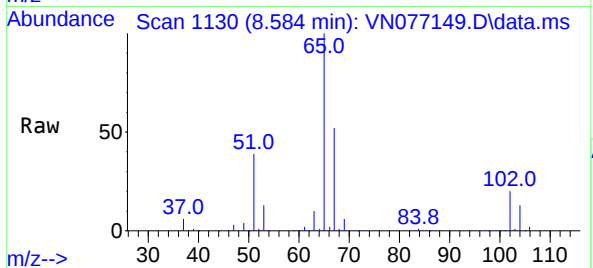




#33
1,2-Dichloroethane-d4
Concen: 45.720 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

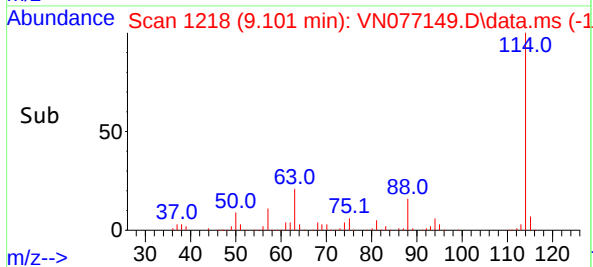
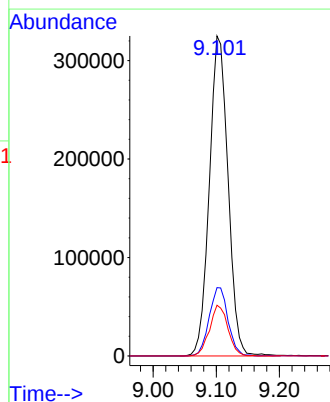
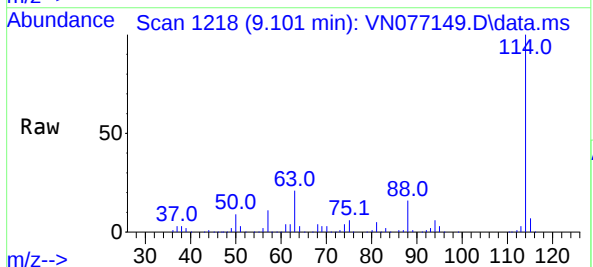
Instrument :
MSVOA_N
ClientSampleId :

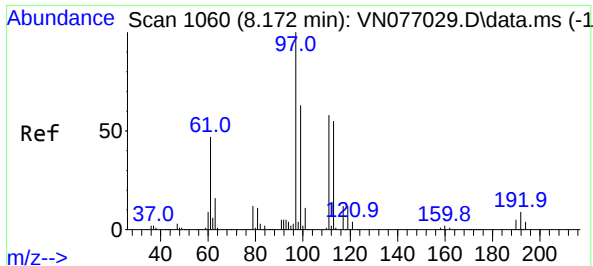
Tgt Ion: 65 Resp: 280971
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.101 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

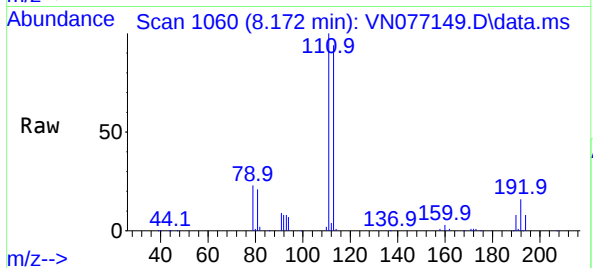
Tgt Ion: 114 Resp: 667343
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.6
88 15.9 0.0 33.8



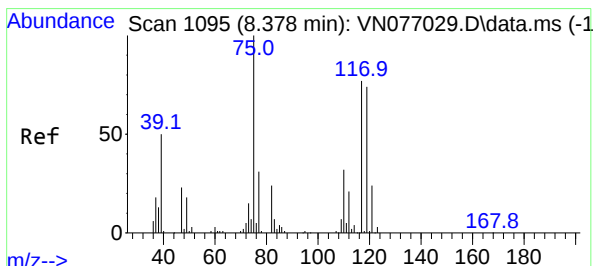
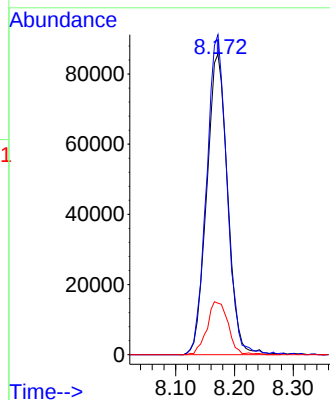
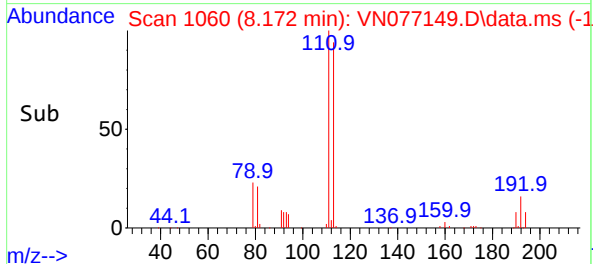


#35
Dibromofluoromethane
Concen: 45.262 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

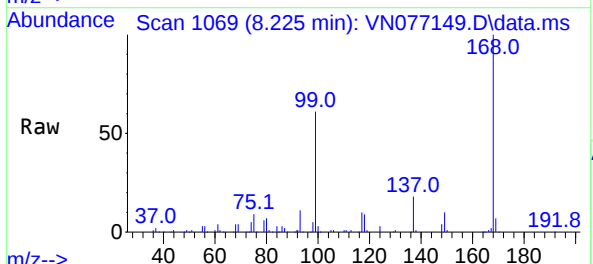
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MSVOA_N
ClientSampleId :



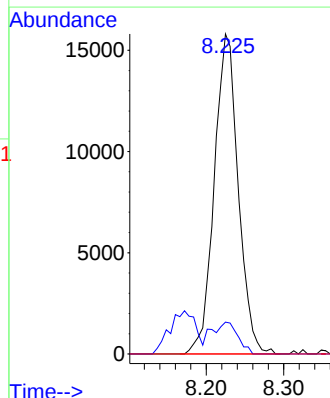
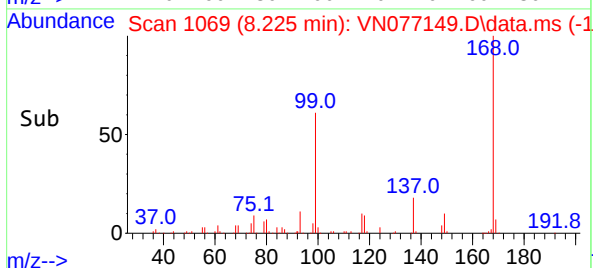
Tgt Ion:113 Resp: 211530
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 17.9 13.0 19.6

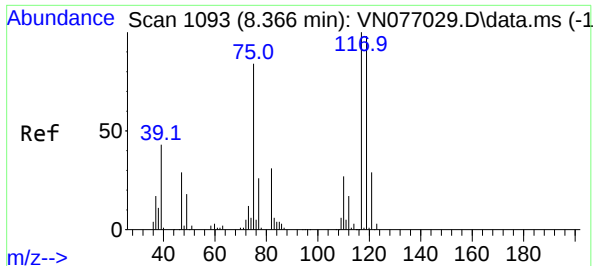


#36
1,1-Dichloropropene
Concen: 4.661 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.153 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05



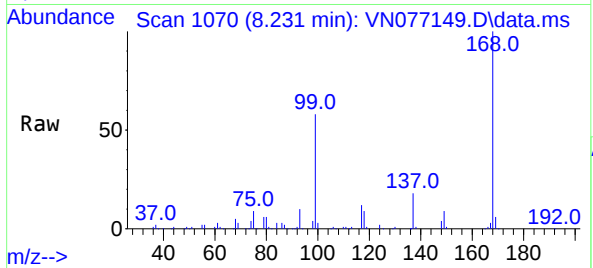
Tgt Ion: 75 Resp: 34025
Ion Ratio Lower Upper
75 100
110 11.0 15.9 47.7#
77 0.0 24.3 36.5#



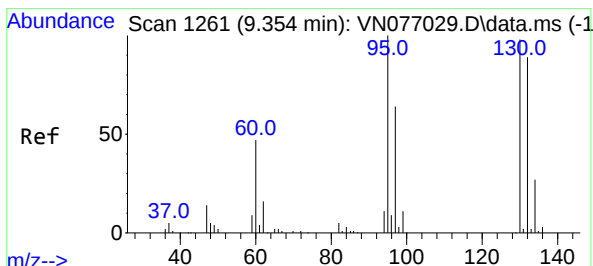
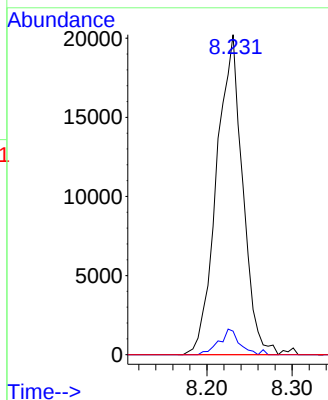
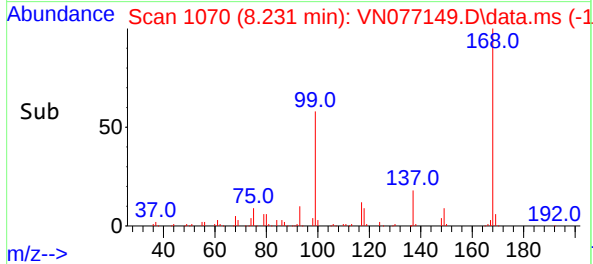


#38
Carbon Tetrachloride
Concen: 6.053 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :

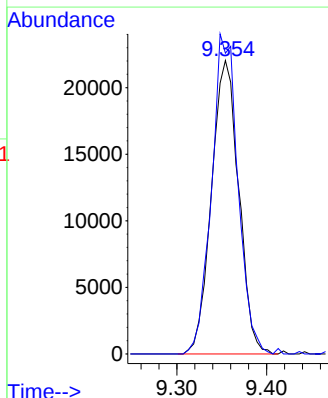
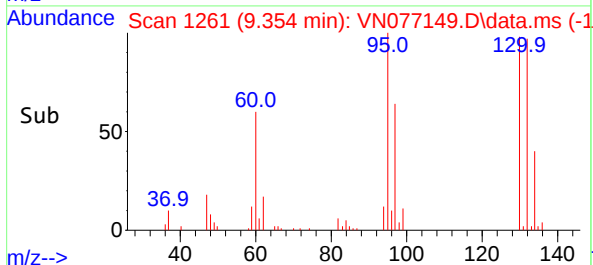
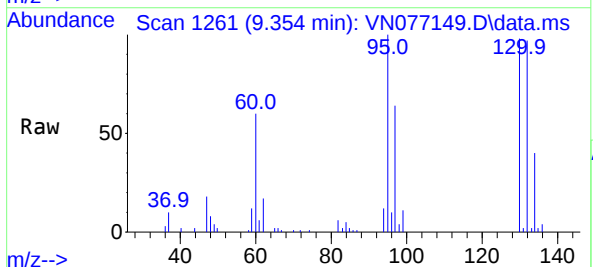


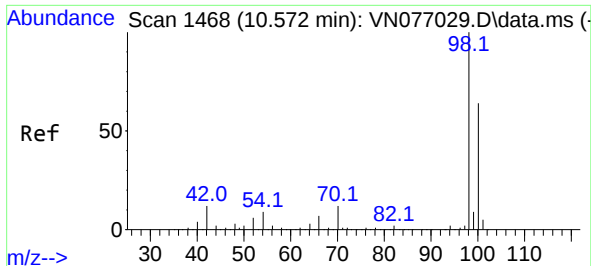
Tgt Ion:117 Resp: 43039
Ion Ratio Lower Upper
117 100
119 7.4 78.2 117.2#
121 0.0 23.2 34.8#



#44
Trichloroethene
Concen: 9.132 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

Tgt Ion:130 Resp: 46438
Ion Ratio Lower Upper
130 100
95 102.5 0.0 204.4

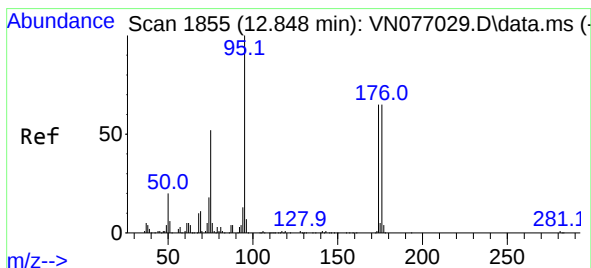
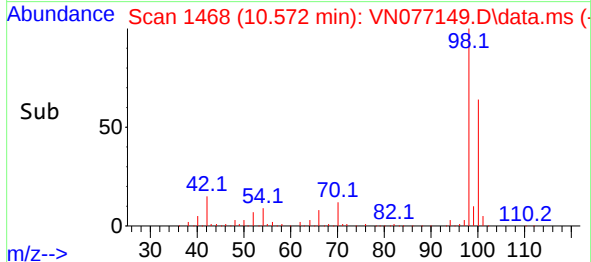
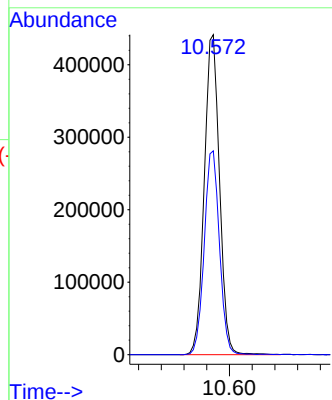
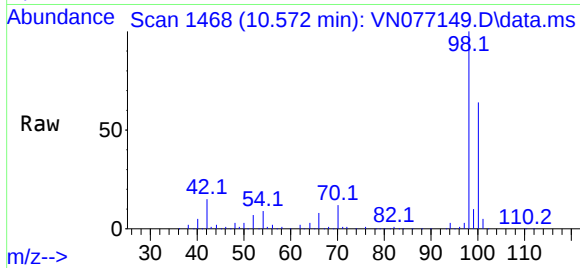




#50
Toluene-d8
Concen: 49.002 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

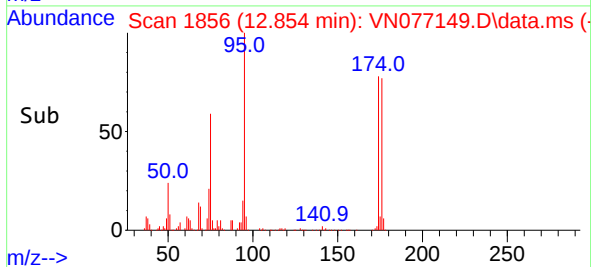
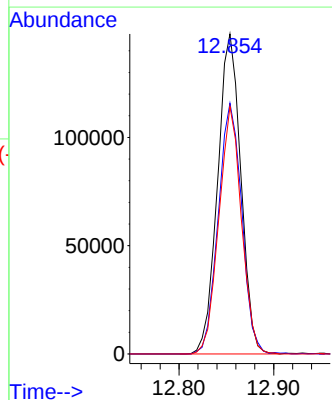
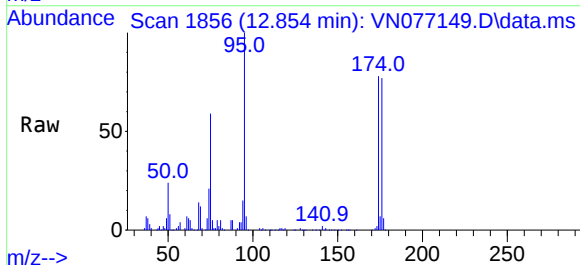
Instrument :
MSVOA_N
ClientSampleId :

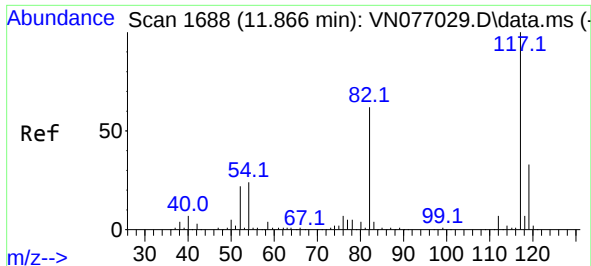
Tgt Ion: 98 Resp: 818050
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.687 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

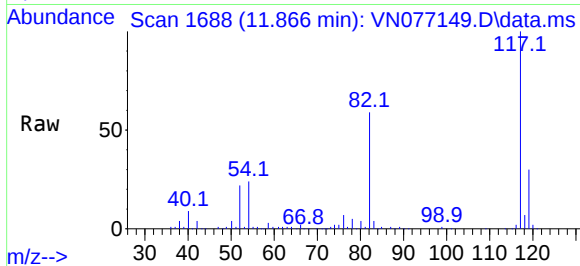
Tgt Ion: 95 Resp: 251818
Ion Ratio Lower Upper
95 100
174 79.3 0.0 136.6
176 75.2 0.0 130.0



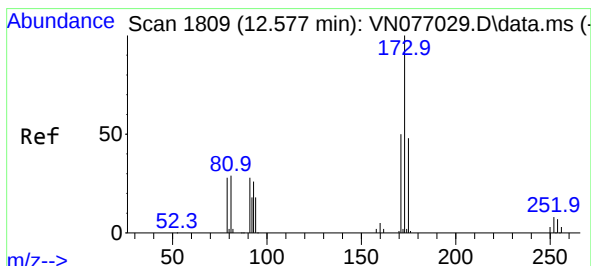
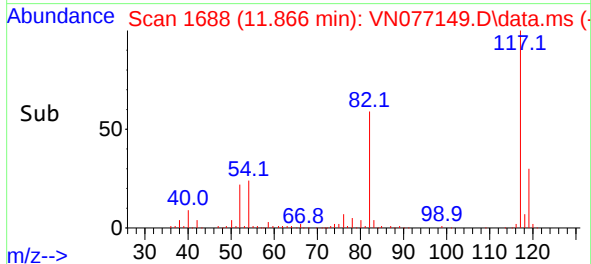
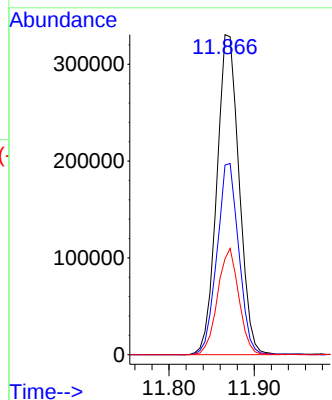


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :

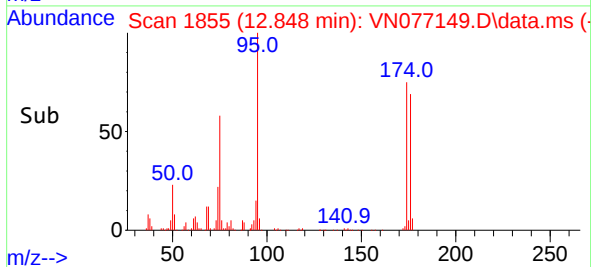
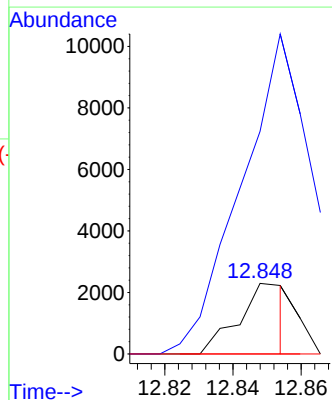
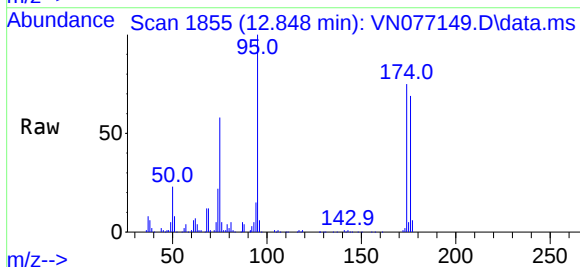


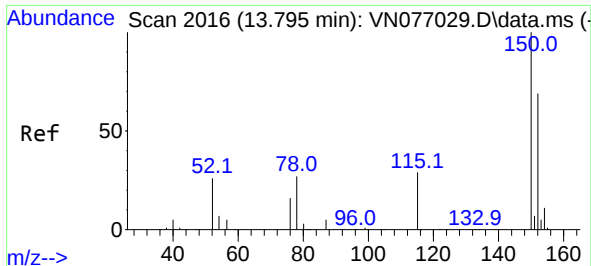
Tgt Ion:117 Resp: 600557
Ion Ratio Lower Upper
117 100
82 59.2 49.4 74.0
119 29.9 26.5 39.7



#71
Bromoform
Concen: 0.642 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.271 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

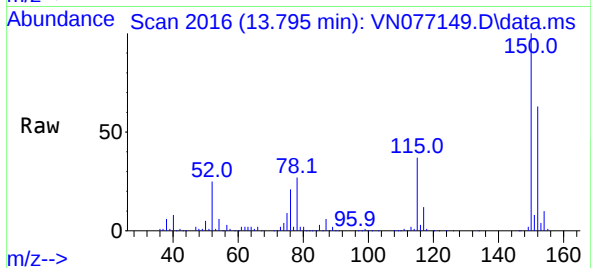
Tgt Ion:173 Resp: 2224
Ion Ratio Lower Upper
173 100
175 0.0 24.5 73.5#
254 0.0 0.1 0.1#



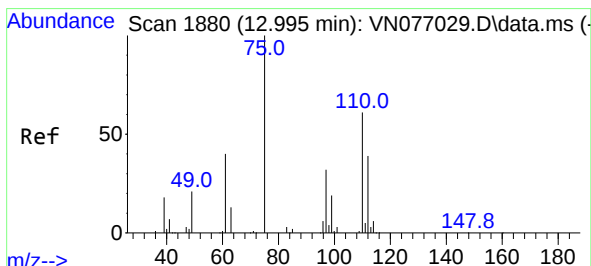
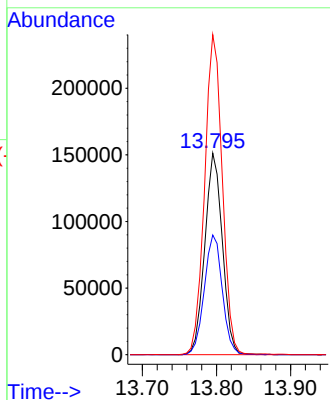
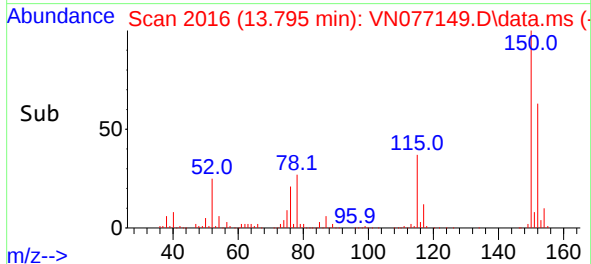


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :

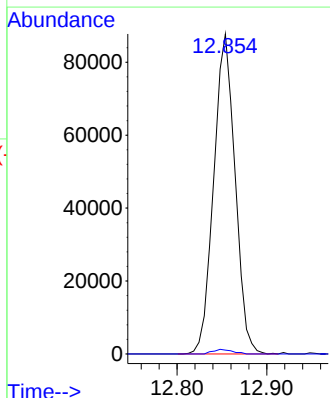
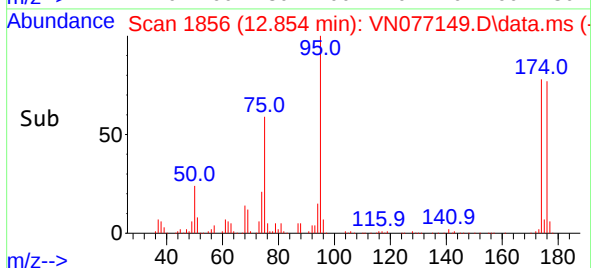
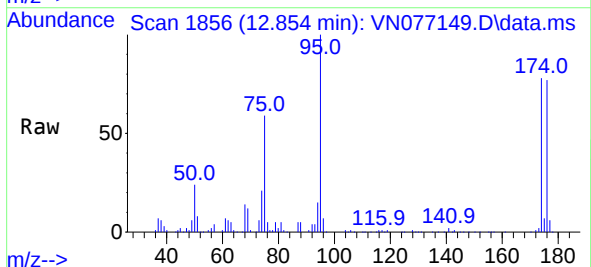


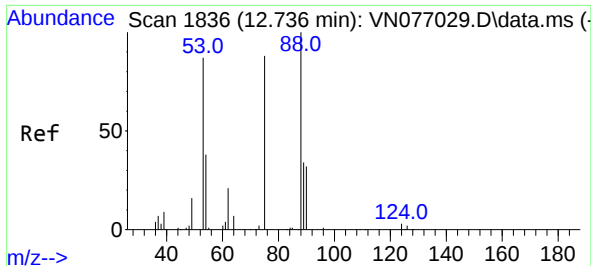
Tgt Ion:152 Resp: 249608
Ion Ratio Lower Upper
152 100
115 60.8 31.9 95.7
150 159.4 0.0 348.0



#76
1,2,3-Trichloropropane
Concen: 22.454 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

Tgt Ion: 75 Resp: 144976
Ion Ratio Lower Upper
75 100
77 1.3 107.3 322.0#

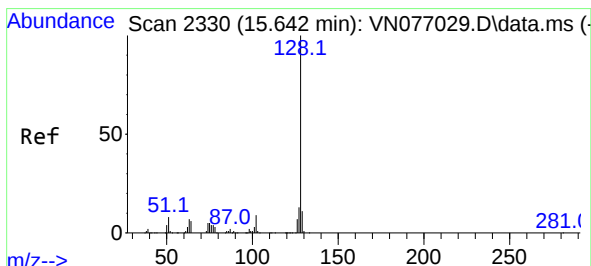
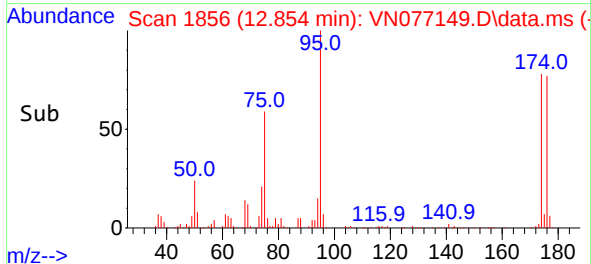
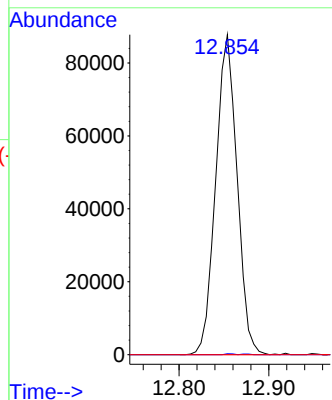
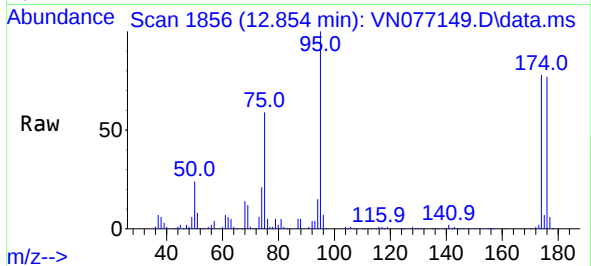




#81
trans-1,4-Dichloro-2-butene
Concen: 61.807 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 144976
Ion Ratio Lower Upper
75 100
53 0.1 80.8 121.2#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 1.982 ug/l
RT: 15.654 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN077149.D
Acq: 23 Mar 2023 15:05

Tgt Ion:128 Resp: 1211
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 11.4 8.6 13.0

