

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077110.D
 Acq On : 22 Mar 2023 16:11
 Operator : JC\MD
 Sample : 01849-08 10X
 Misc : 12.01 g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 22 23:25:24 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	8.230	168	98980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	193399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	168538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	61263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	95531	60.423	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.840%
35) Dibromofluoromethane	8.172	113	64691	47.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	10.572	98	246454	50.940	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.854	95	72217	42.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.480%

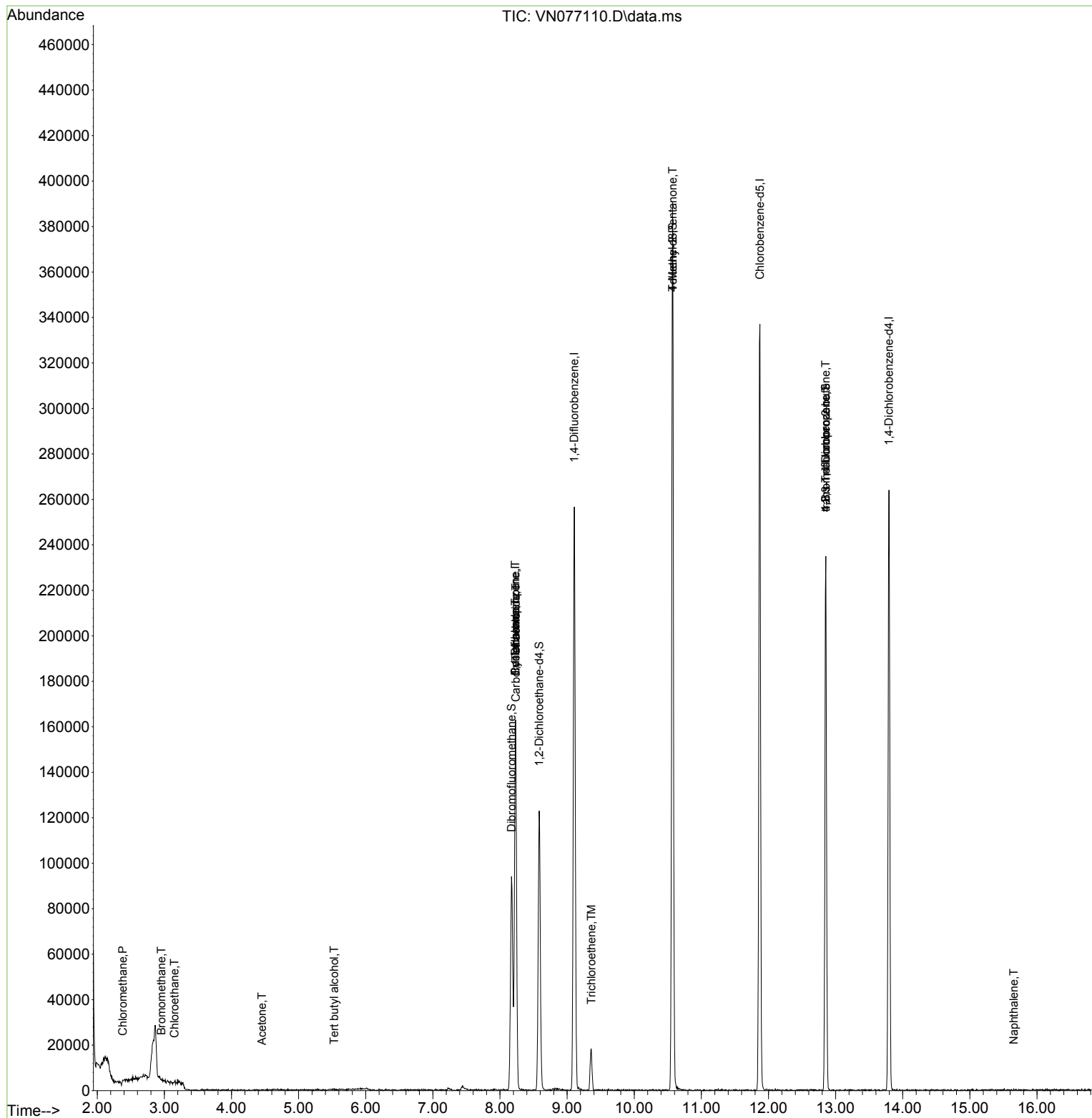
Target Compounds					Qvalue	
3) Chloromethane	2.378	50	298	0.299	ug/l #	43
5) Bromomethane	2.954	94	181	0.249	ug/l #	60
6) Chloroethane	3.148	64	249	0.366	ug/l #	42
11) Tert butyl alcohol	5.531	59	66	0.286	ug/l #	72
16) Acetone	4.454	43	176	0.250	ug/l #	43
31) Cyclohexane	8.230	56	3668	1.418	ug/l #	28
36) 1,1-Dichloropropene	8.230	75	11567	5.468	ug/l #	52
38) Carbon Tetrachloride	8.236	117	12425	6.030	ug/l #	16
44) Trichloroethene	9.360	130	6037	4.097	ug/l	71
51) 4-Methyl-2-Pentanone	10.572	43	1671	0.759	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	44389	28.012	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	44389	77.104	ug/l #	10
95) Naphthalene	15.654	128	88	1.933	ug/l #	70

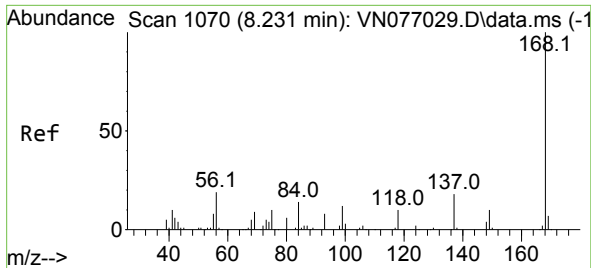
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN077110.D
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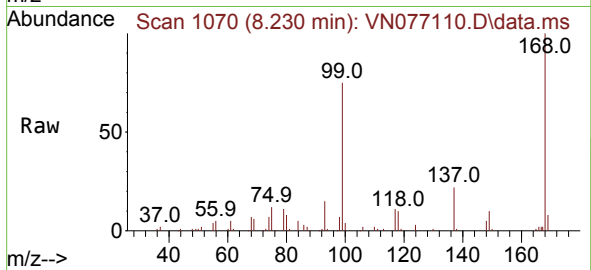
Quant Time: Mar 22 23:25:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration



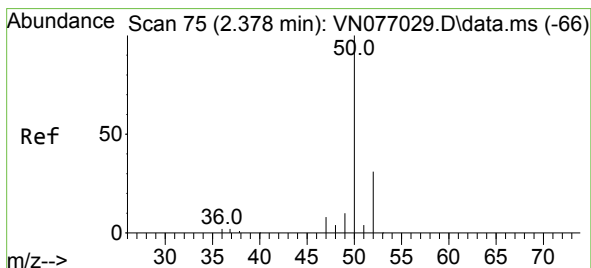
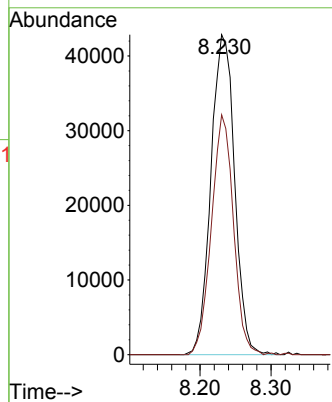
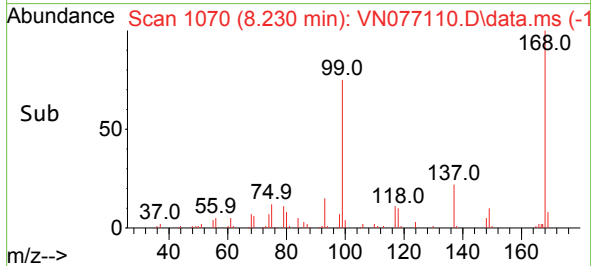


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

Instrument :
MSVOA_N
ClientSampleId :

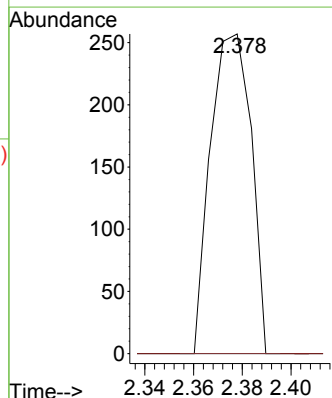
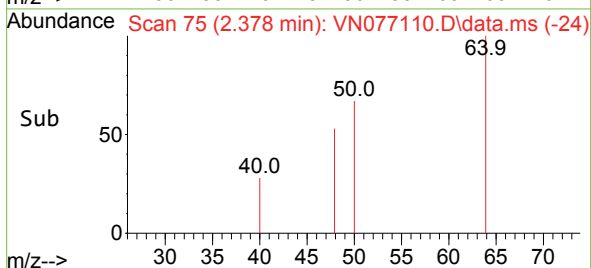
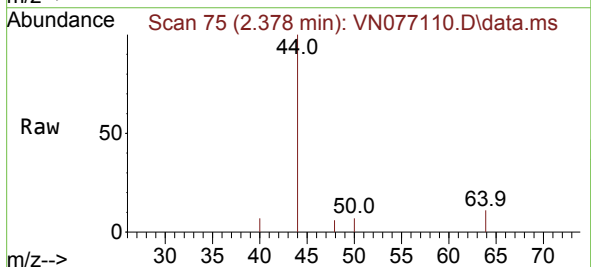


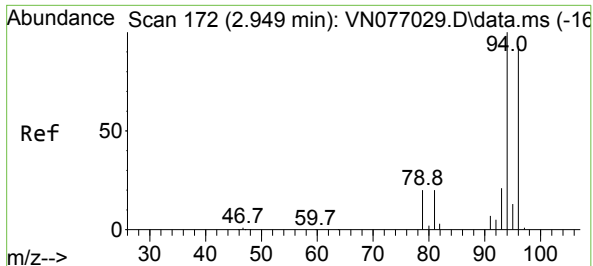
Tgt Ion:168 Resp: 98980
Ion Ratio Lower Upper
168 100
99 74.9 53.9 80.9



#3
Chloromethane
Concen: 0.299 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

Tgt Ion: 50 Resp: 298
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

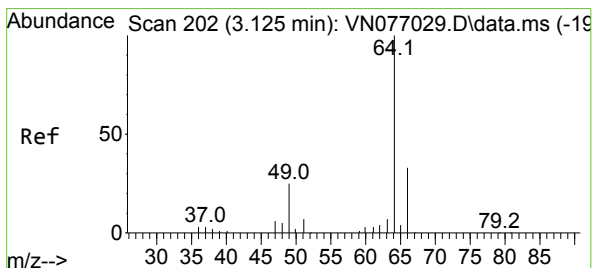
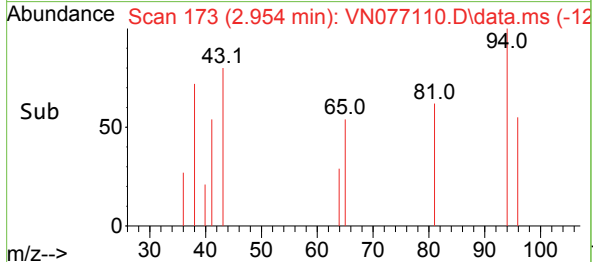
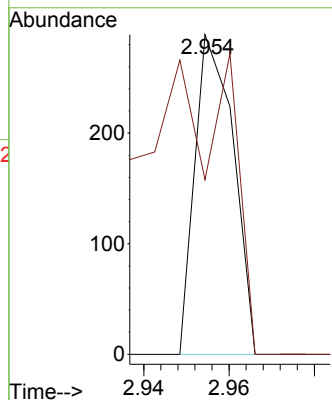
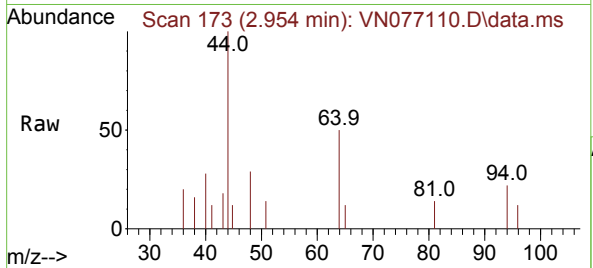




#5
Bromomethane
Concen: 0.249 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

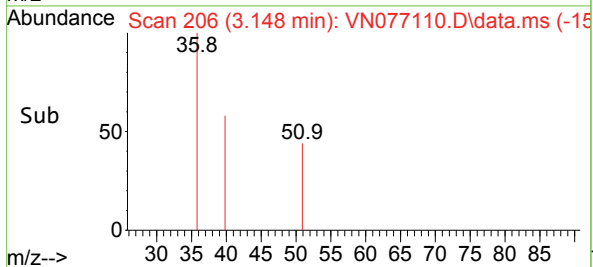
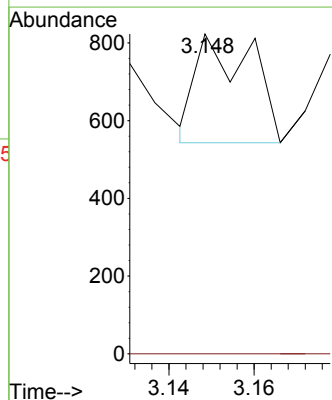
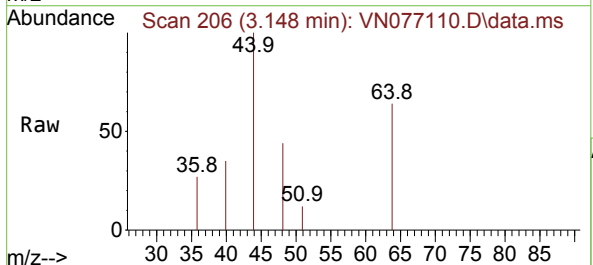
Instrument :
MSVOA_N
ClientSampleId :

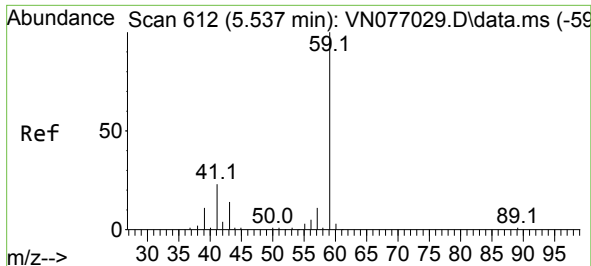
Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 54.7 74.1 111.1#



#6
Chloroethane
Concen: 0.366 ug/l
RT: 3.148 min Scan# 206
Delta R.T. 0.023 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

Tgt Ion: 64 Resp: 249
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#

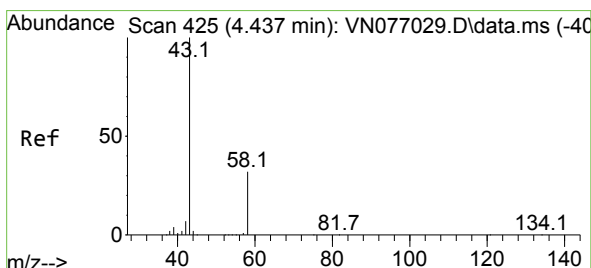
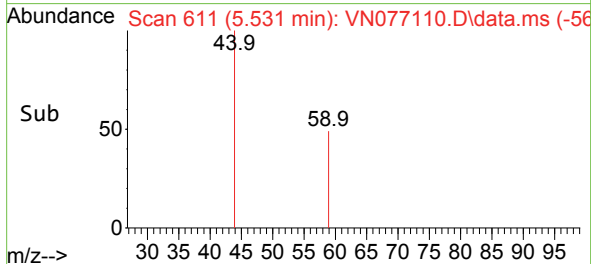
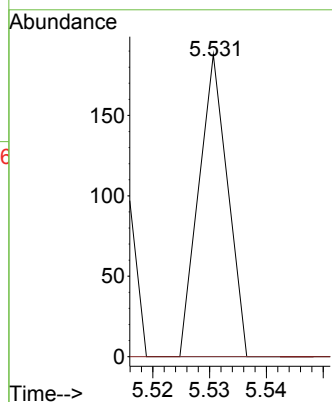
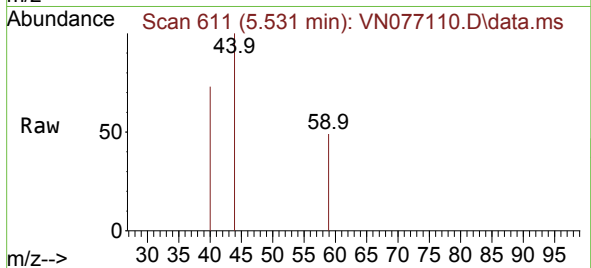




#11
Tert butyl alcohol
Concen: 0.286 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

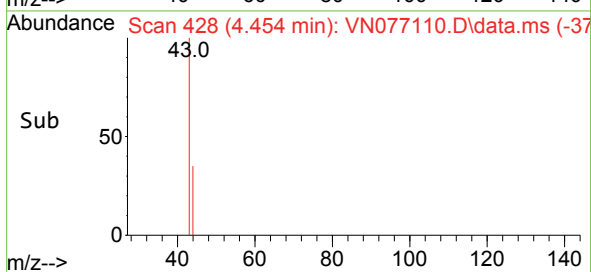
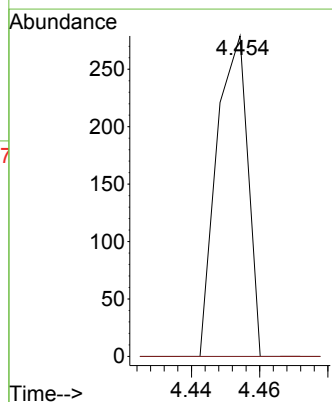
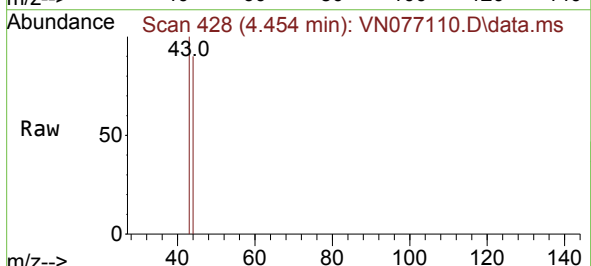
Instrument :
MSVOA_N
ClientSampleId :

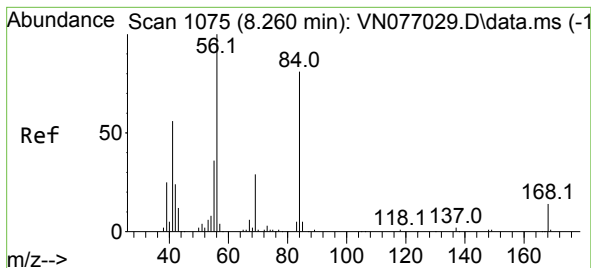
Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 0.250 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#





#31

Cyclohexane

Concen: 1.418 ug/l

RT: 8.230 min Scan# 1075

Delta R.T. -0.030 min

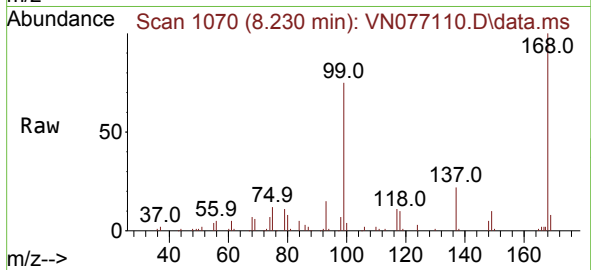
Lab File: VN077110.D

Acq: 22 Mar 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :



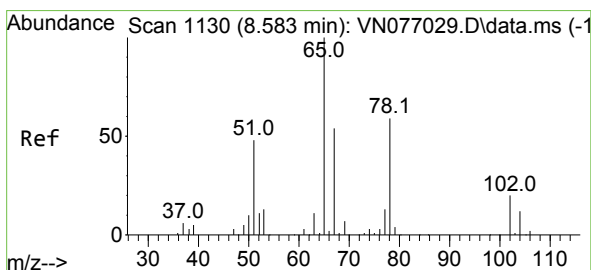
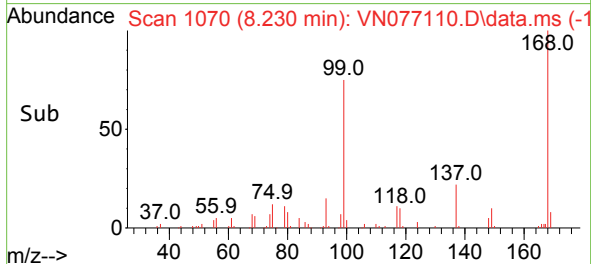
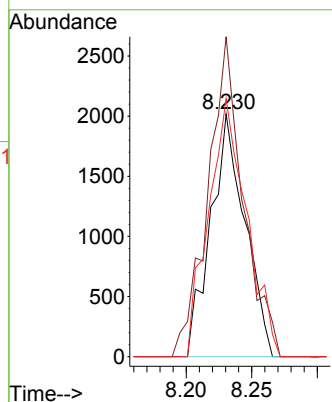
Tgt Ion: 56 Resp: 3668

Ion Ratio Lower Upper

56 100

69 131.8 22.8 34.2#

84 106.3 64.7 97.1#



#33

1,2-Dichloroethane-d4

Concen: 60.423 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077110.D

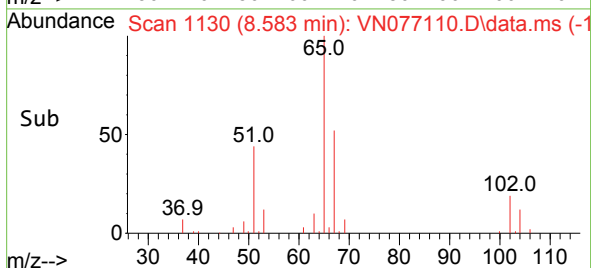
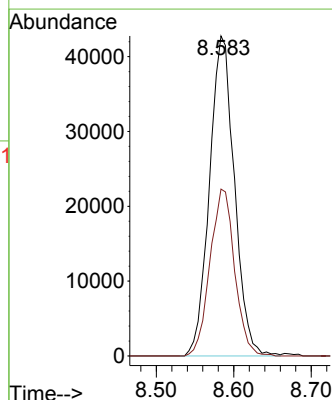
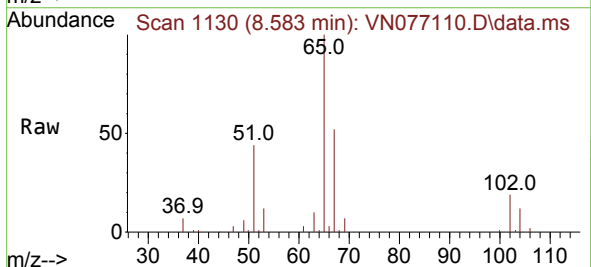
Acq: 22 Mar 2023 16:11

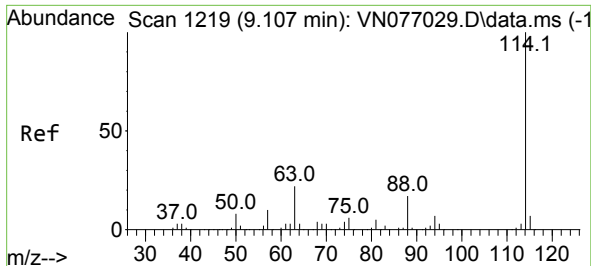
Tgt Ion: 65 Resp: 95531

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077110.D

Acq: 22 Mar 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

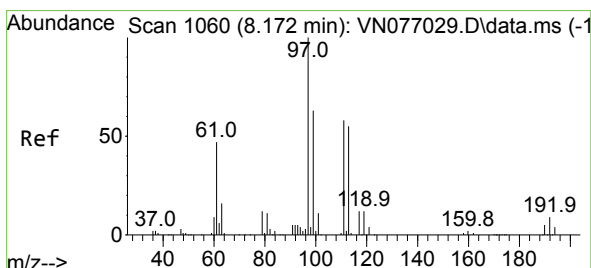
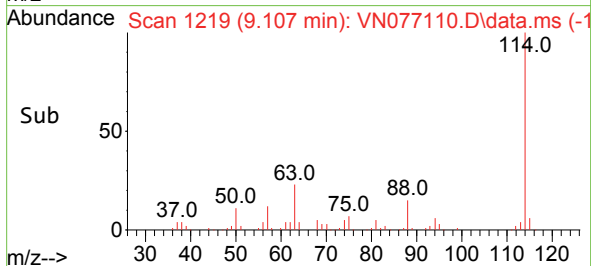
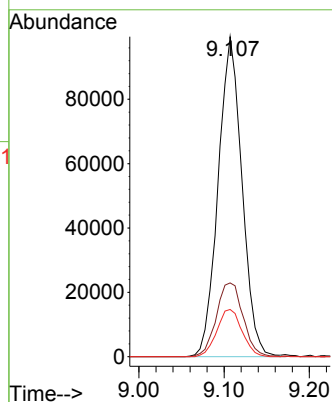
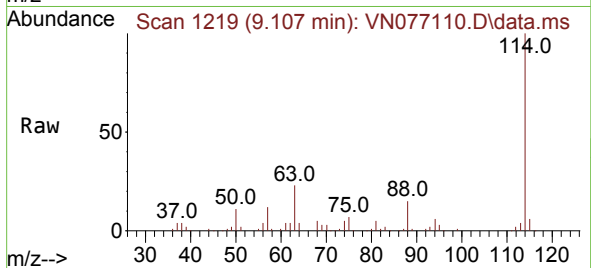
Tgt Ion:114 Resp: 193399

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 14.8 0.0 33.8



#35

Dibromofluoromethane

Concen: 47.764 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077110.D

Acq: 22 Mar 2023 16:11

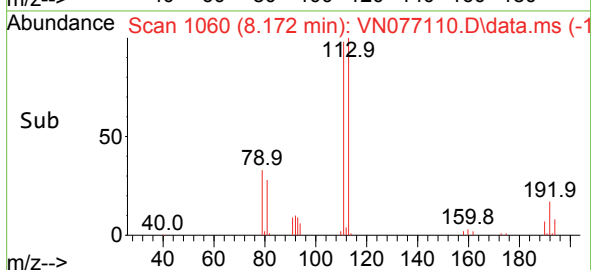
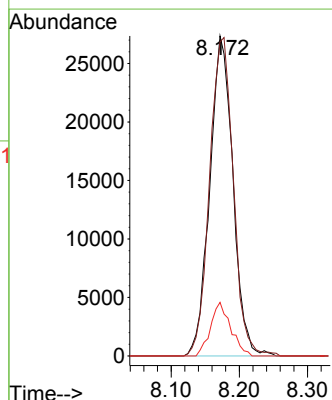
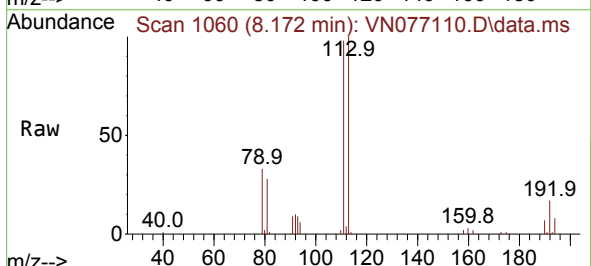
Tgt Ion:113 Resp: 64691

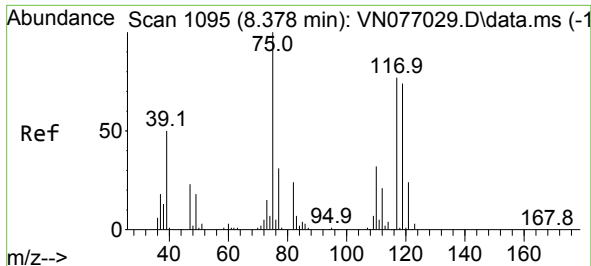
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 14.6 13.0 19.6

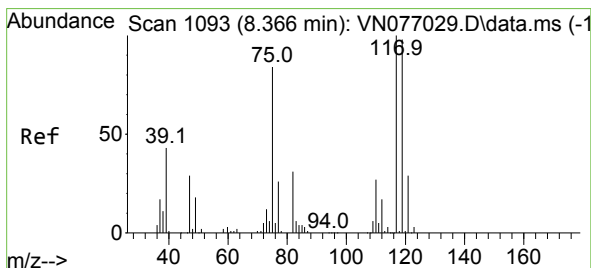
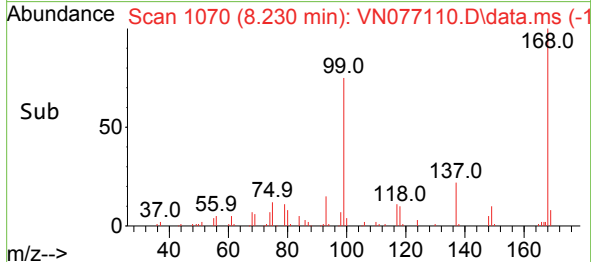
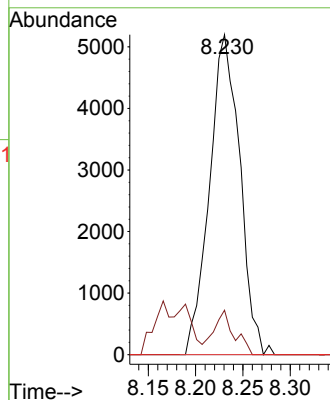
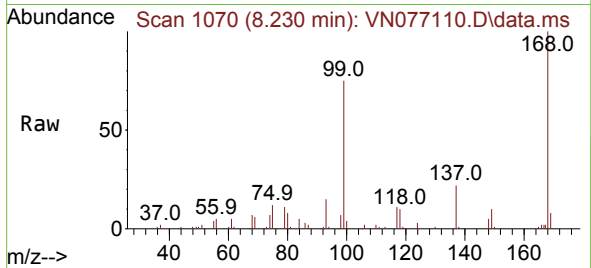




#36
 1,1-Dichloropropene
 Concen: 5.468 ug/l
 RT: 8.230 min Scan# 1070
 Delta R.T. -0.147 min
 Lab File: VN077110.D
 Acq: 22 Mar 2023 16:11

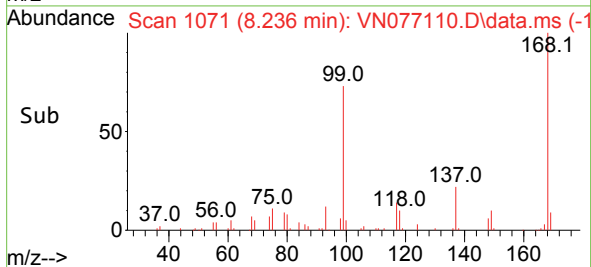
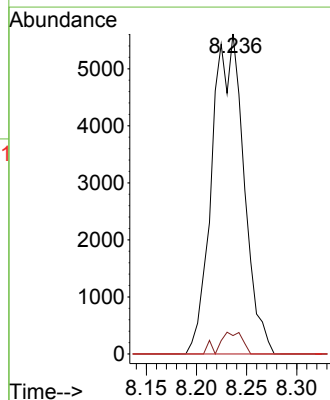
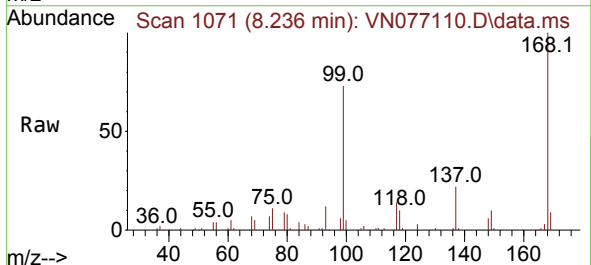
Instrument :
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 ClientSampleId :

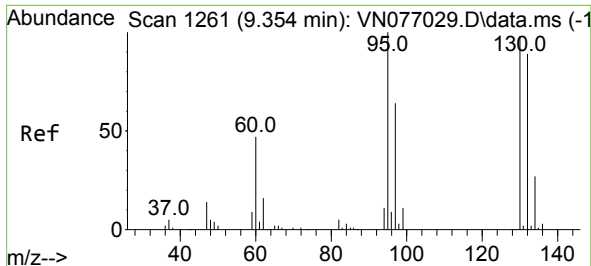
Tgt Ion: 75 Resp: 11567
 Ion Ratio Lower Upper
 75 100
 110 9.3 15.9 47.7#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.030 ug/l
 RT: 8.236 min Scan# 1071
 Delta R.T. -0.129 min
 Lab File: VN077110.D
 Acq: 22 Mar 2023 16:11

Tgt Ion: 117 Resp: 12425
 Ion Ratio Lower Upper
 117 100
 119 5.8 78.2 117.2#
 121 0.0 23.2 34.8#

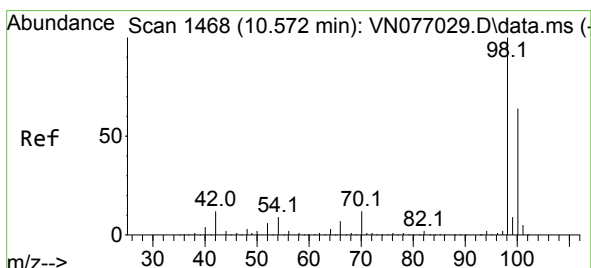
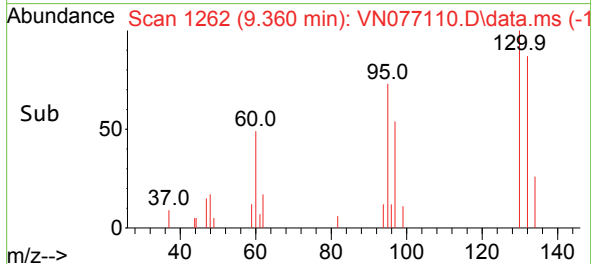
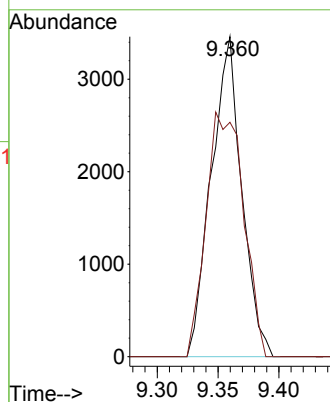
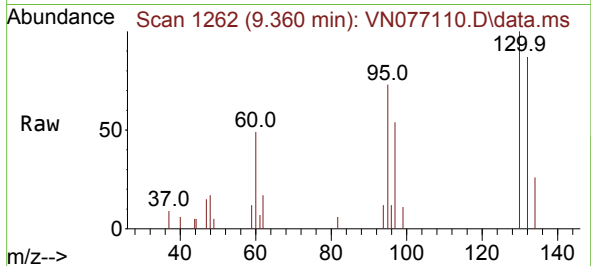




#44
Trichloroethene
Concen: 4.097 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

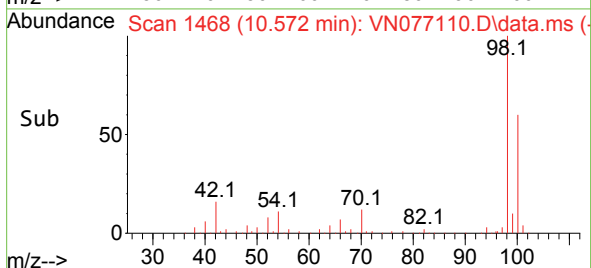
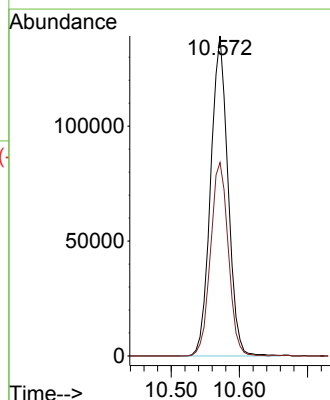
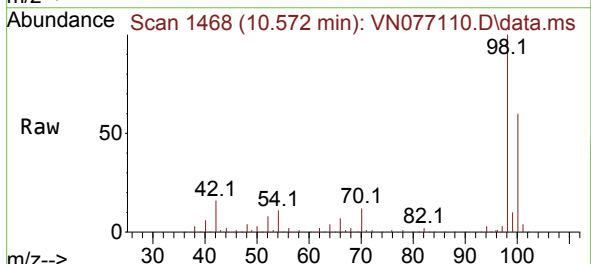
Instrument :
MSVOA_N
ClientSampleId :

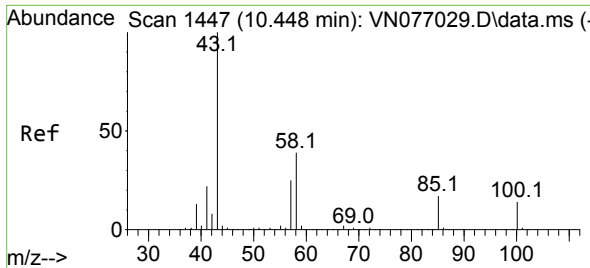
Tgt Ion:130 Resp: 6037
Ion Ratio Lower Upper
130 100
95 73.2 0.0 204.4



#50
Toluene-d8
Concen: 50.940 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

Tgt Ion: 98 Resp: 246454
Ion Ratio Lower Upper
98 100
100 61.9 51.6 77.4

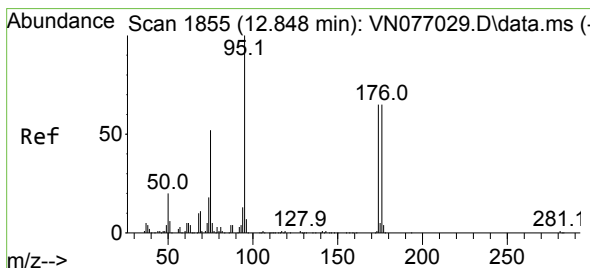
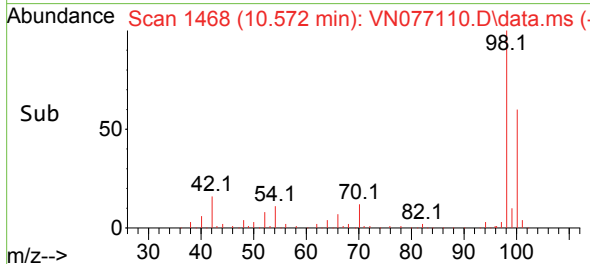
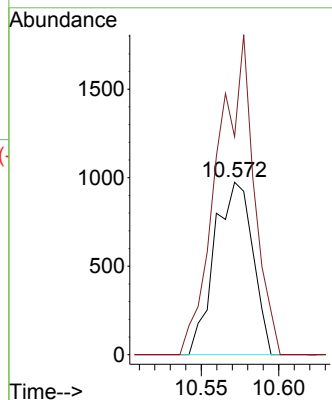
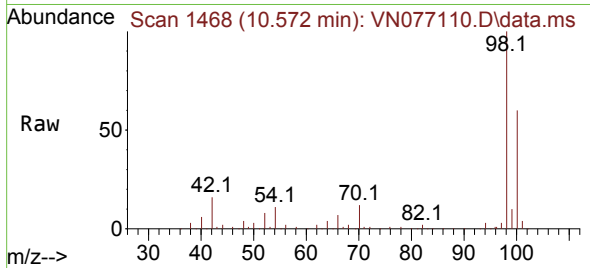




#51
4-Methyl-2-Pentanone
Concen: 0.759 ug/l
RT: 10.572 min Scan# 1447
Delta R.T. 0.123 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

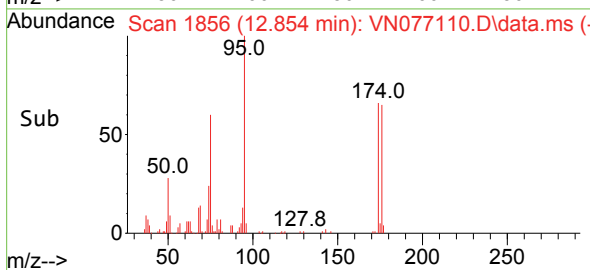
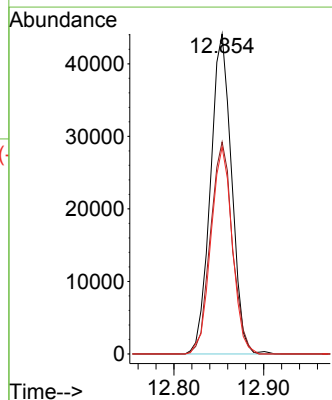
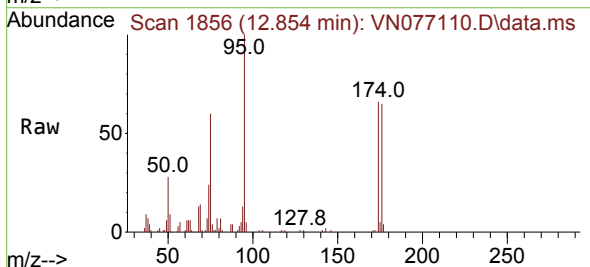
Instrument :
MSVOA_N
ClientSampleId :

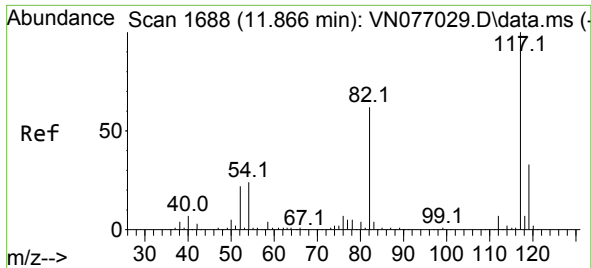
Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 177.2 31.1 46.7#



#62
4-Bromofluorobenzene
Concen: 42.242 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

Tgt Ion: 95 Resp: 72217
Ion Ratio Lower Upper
95 100
174 68.6 0.0 136.6
176 65.0 0.0 130.0

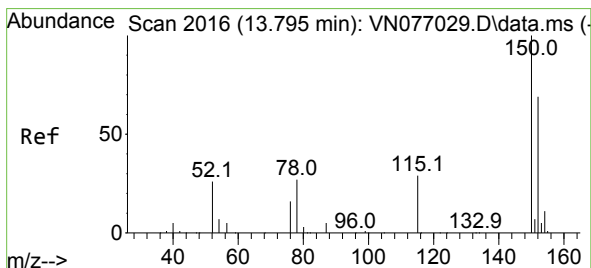
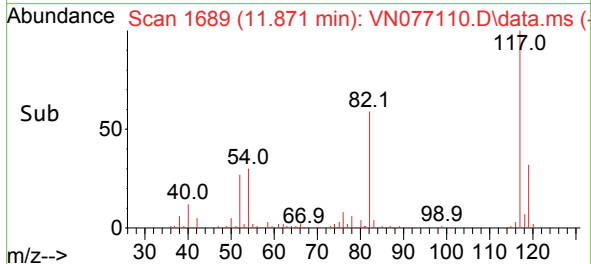
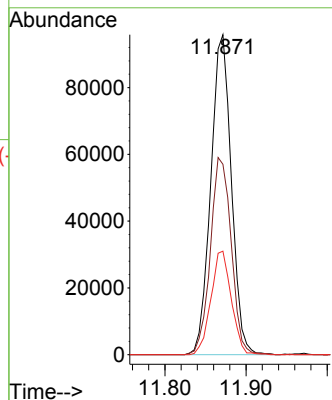
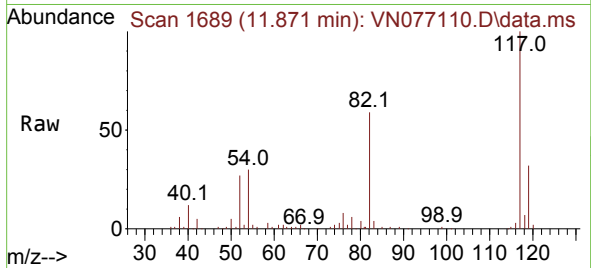




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

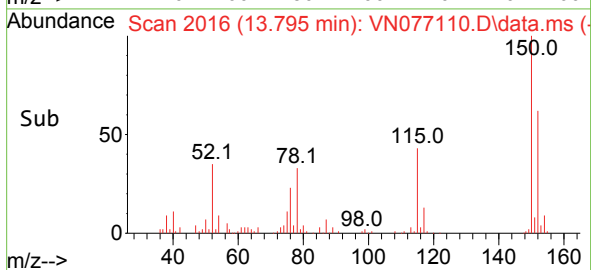
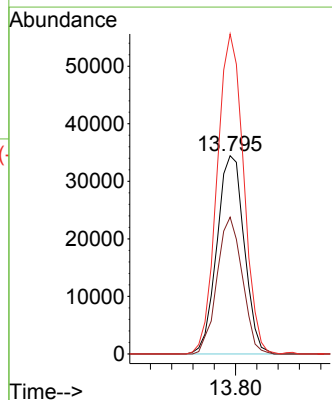
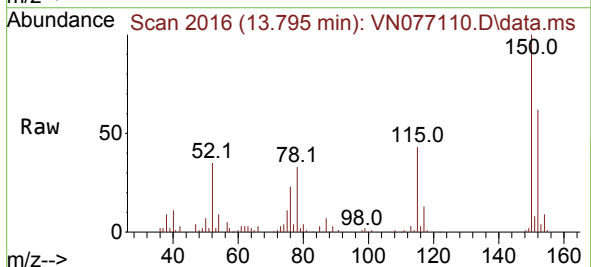
Instrument :
MSVOA_N
ClientSampleId :

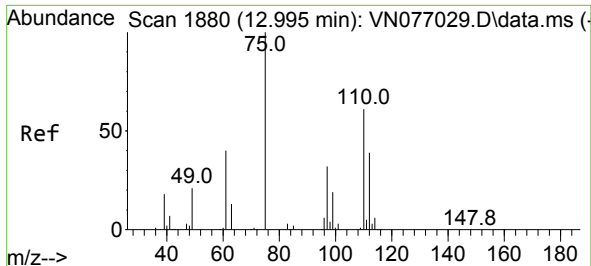
Tgt Ion:117 Resp: 168538
Ion Ratio Lower Upper
117 100
82 59.5 49.4 74.0
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

Tgt Ion:152 Resp: 61263
Ion Ratio Lower Upper
152 100
115 63.9 31.9 95.7
150 156.9 0.0 348.0

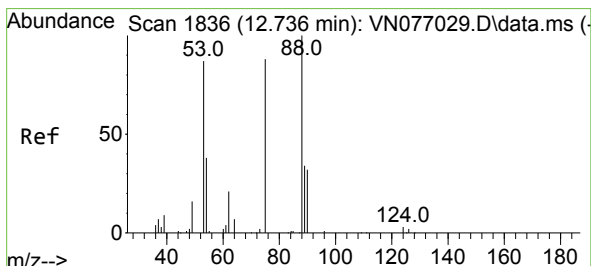
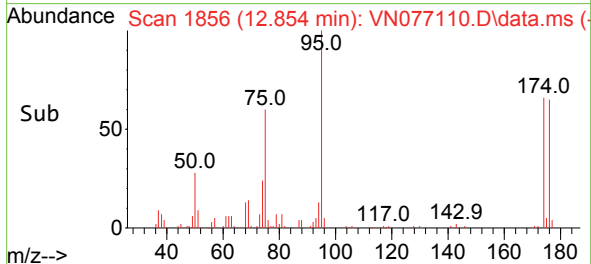
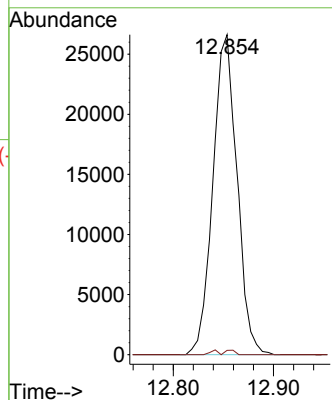
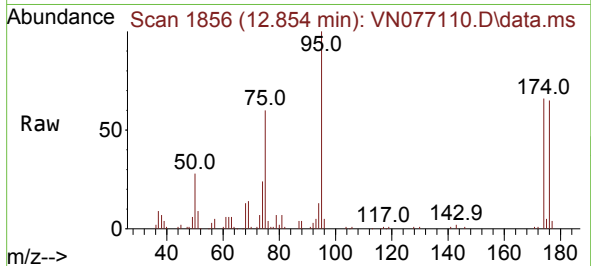




#76
1,2,3-Trichloropropane
Concen: 28.012 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

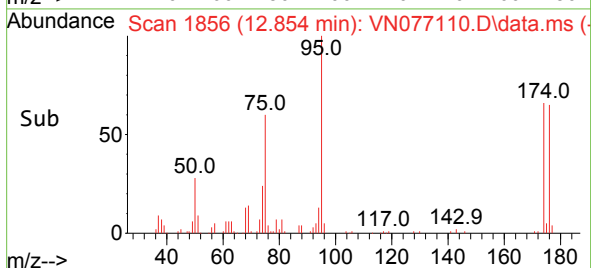
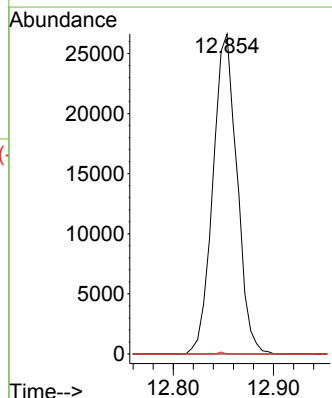
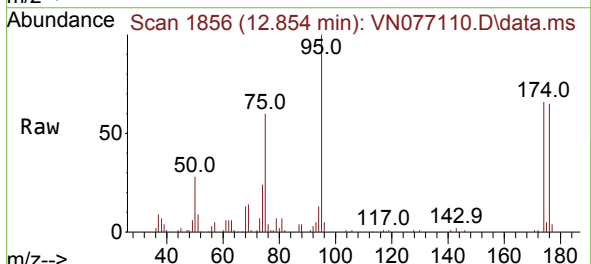
Instrument :
MSVOA_N
ClientSampleId :

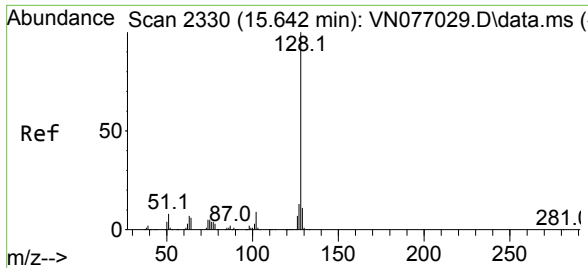
Tgt Ion: 75 Resp: 44389
Ion Ratio Lower Upper
75 100
77 0.6 107.3 322.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.104 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077110.D
Acq: 22 Mar 2023 16:11

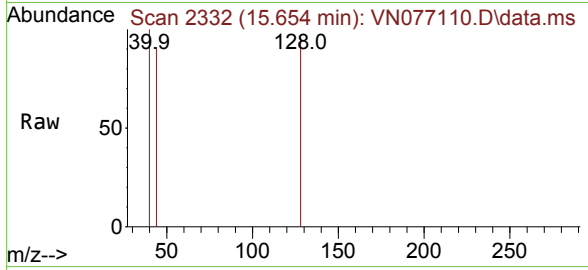
Tgt Ion: 75 Resp: 44389
Ion Ratio Lower Upper
75 100
53 0.0 80.8 121.2#
89 0.1 34.2 51.4#





#95
 Naphthalene
 Concen: 1.933 ug/l
 RT: 15.654 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN077110.D
 Acq: 22 Mar 2023 16:11

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	88
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.6	13.0#

