

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074877.D
 Acq On : 10 Nov 2022 19:34
 Operator : VA/SY
 Sample : N5501-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-3-110722RE

Quant Time: Nov 11 07:19:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

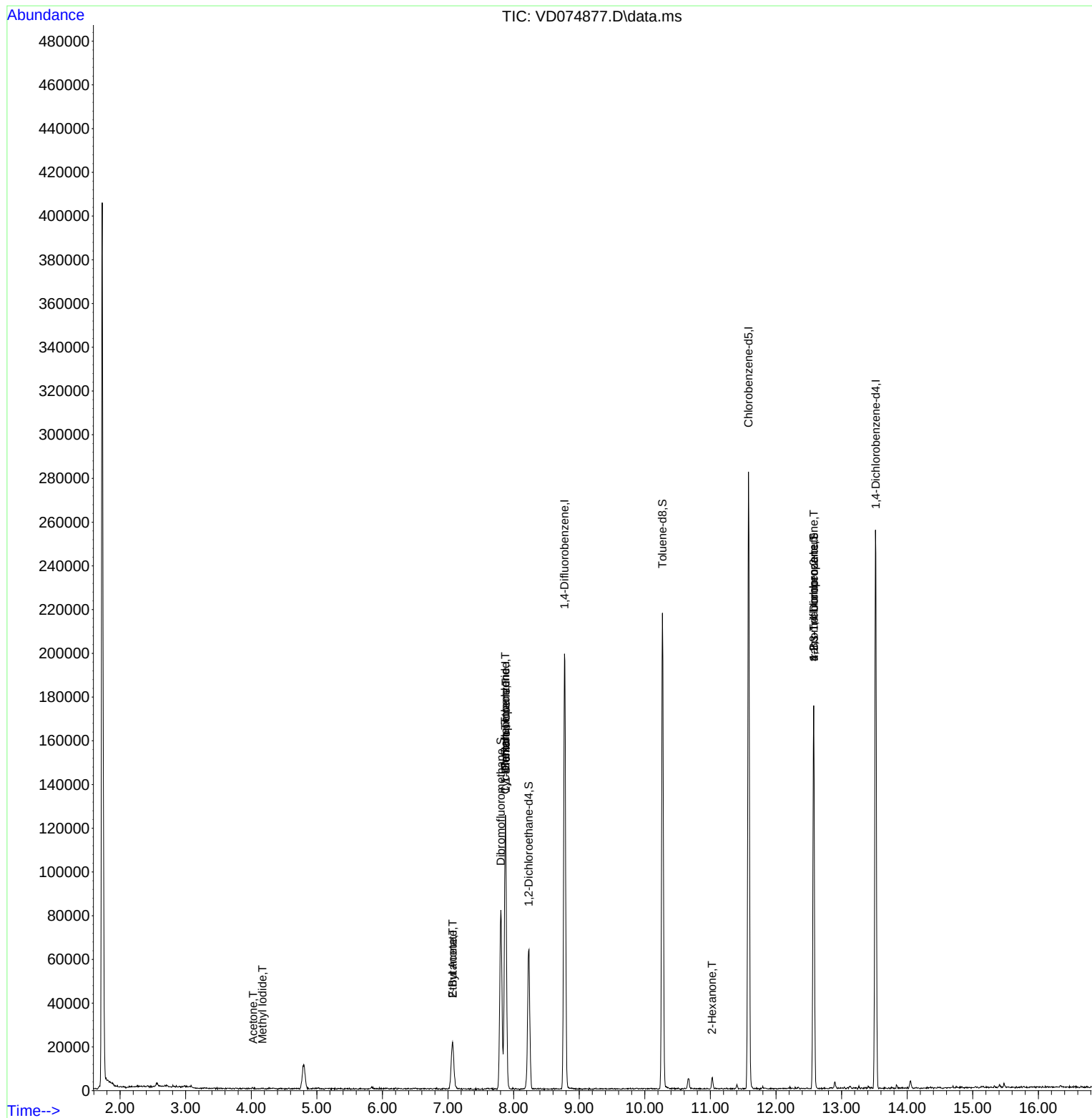
Internal Standards						
1) Pentafluorobenzene	7.875	168	103348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	195517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	177222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	74267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50951	62.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.500%
35) Dibromofluoromethane	7.805	113	59751	51.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.320%
50) Toluene-d8	10.269	98	162737	38.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.140%
62) 4-Bromofluorobenzene	12.575	95	52630	43.207	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.420%
Target Compounds			Qvalue			
10) Methyl Iodide	4.170	142	184	5.672	ug/l #	43
11) Tert butyl alcohol	5.040	59	171	Below Cal	#	84
16) Acetone	4.028	43	601	3.518	ug/l #	37
20) Methylene Chloride	4.793	84	10395	Below Cal		95
25) 2-Butanone	7.069	43	1022	4.351	ug/l #	42
31) Cyclohexane	7.869	56	1811	1.093	ug/l #	43
36) 1,1-Dichloropropene	7.881	75	7358	4.191	ug/l #	45
37) Ethyl Acetate	7.069	43	1022	1.745	ug/l #	1
38) Carbon Tetrachloride	7.875	117	9395	5.649	ug/l #	18
59) 2-Hexanone	11.022	43	415	1.142	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	25920	45.022	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	25920	106.871	ug/l #	17

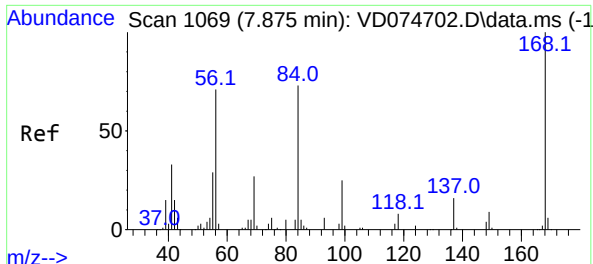
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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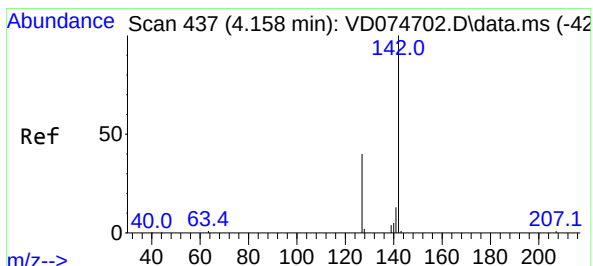
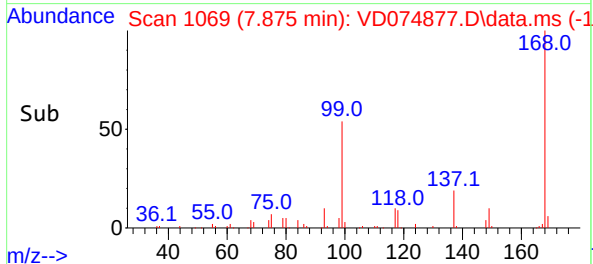
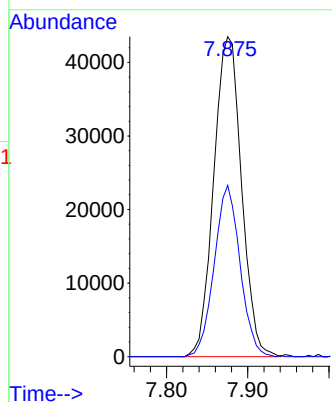
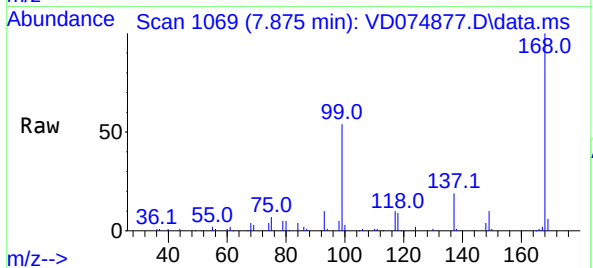




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

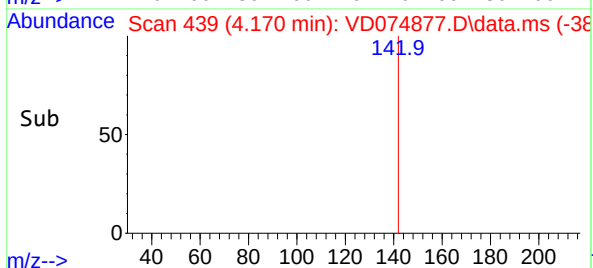
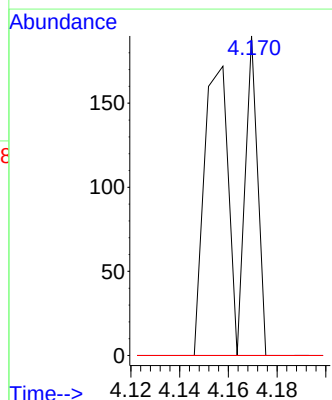
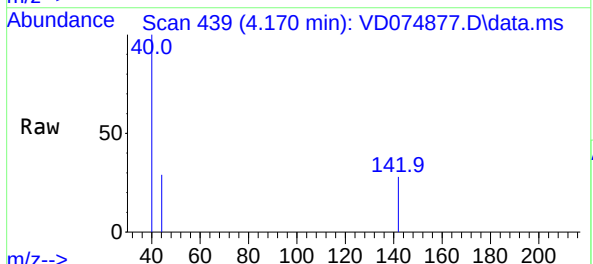
Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722RE

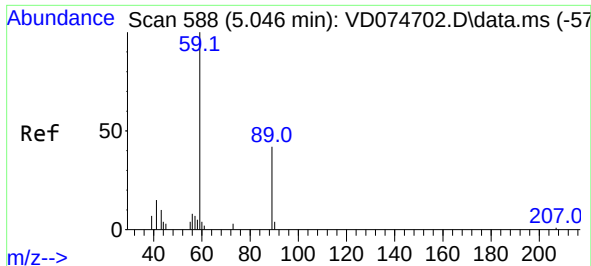
Tgt Ion:168 Resp: 103348
Ion Ratio Lower Upper
168 100
99 53.6 40.9 61.3



#10
Methyl Iodide
Concen: 5.672 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

Tgt Ion:142 Resp: 184
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.040 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD074877.D

Acq: 10 Nov 2022 19:34

Instrument :

MSVOA_D

ClientSampleId :

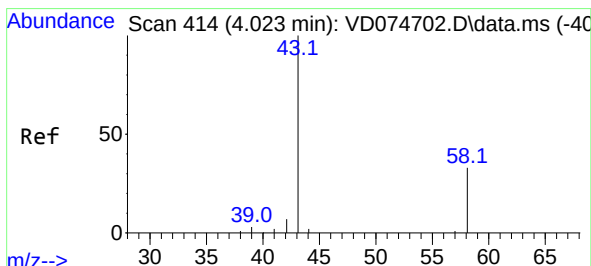
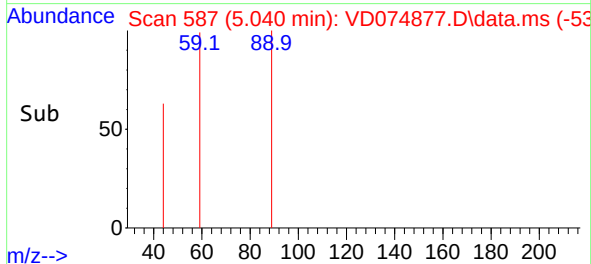
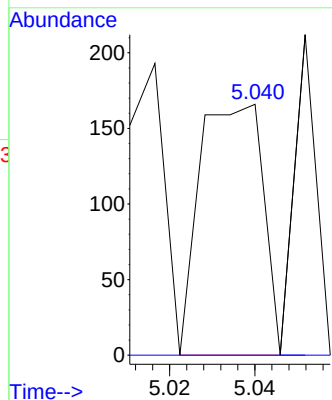
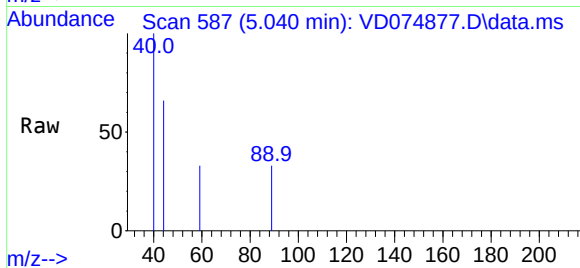
HS-3-110722RE

Tgt Ion: 59 Resp: 171

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 3.518 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074877.D

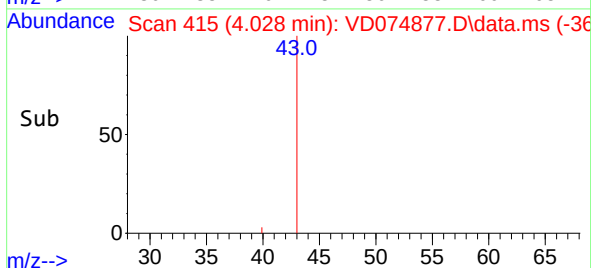
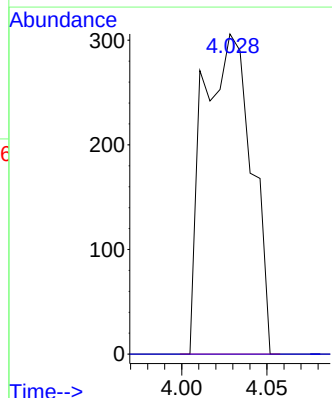
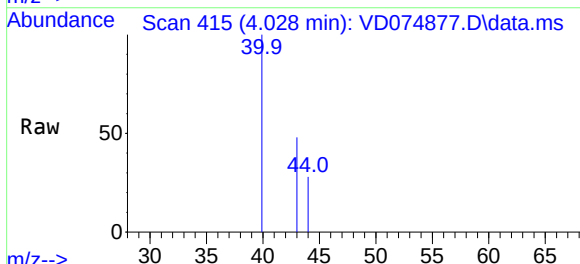
Acq: 10 Nov 2022 19:34

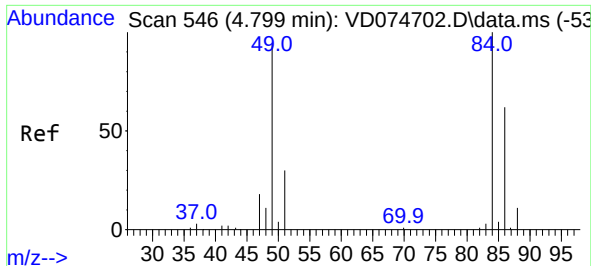
Tgt Ion: 43 Resp: 601

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



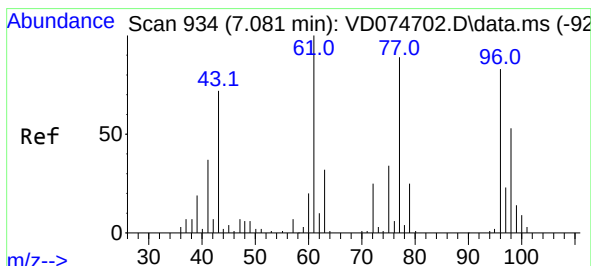
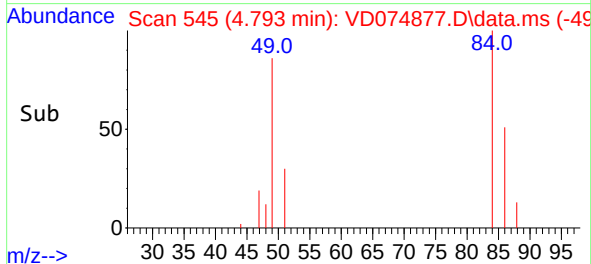
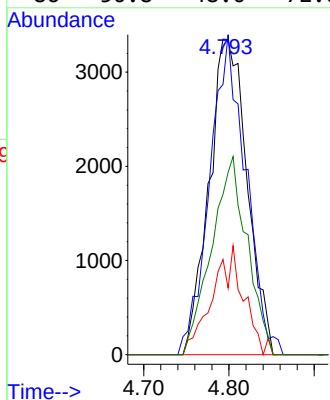
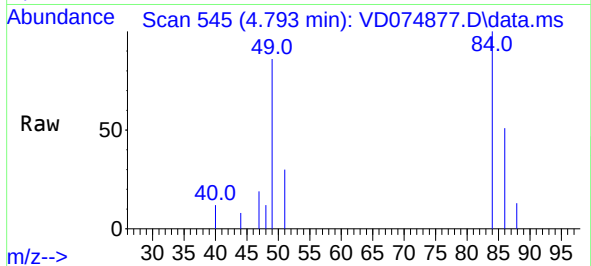


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722RE

Tgt Ion: 84 Resp: 10395

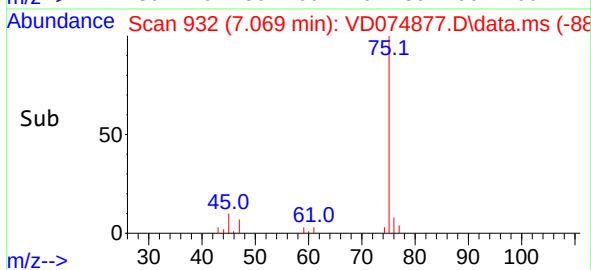
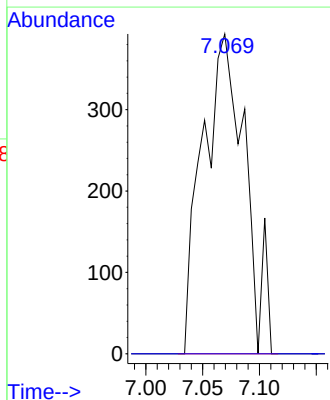
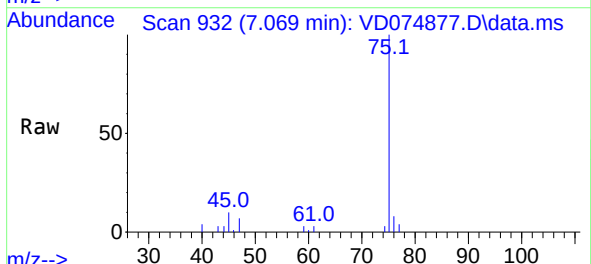
Ion	Ratio	Lower	Upper
84	100		
49	85.6	68.0	102.0
51	30.2	23.2	34.8
86	50.8	48.0	72.0

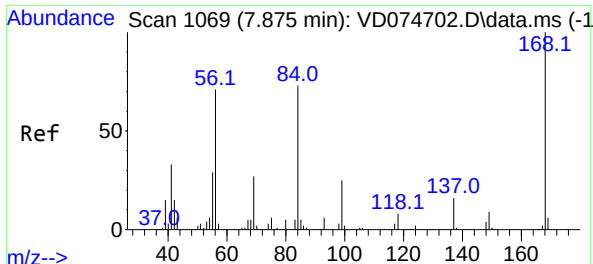


#25
2-Butanone
Concen: 4.351 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

Tgt Ion: 43 Resp: 1022

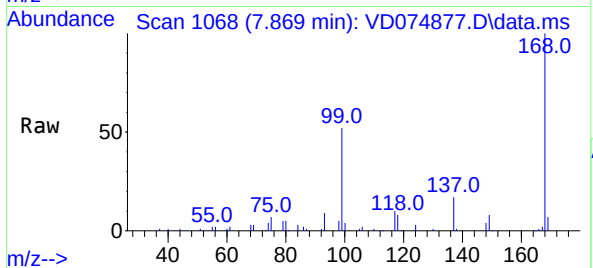
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#



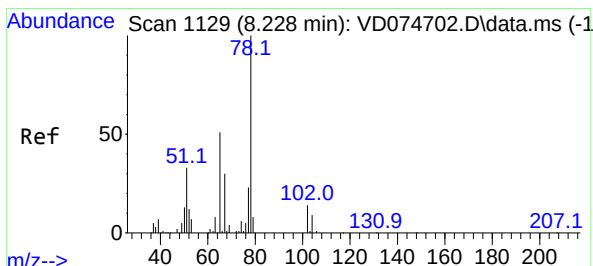
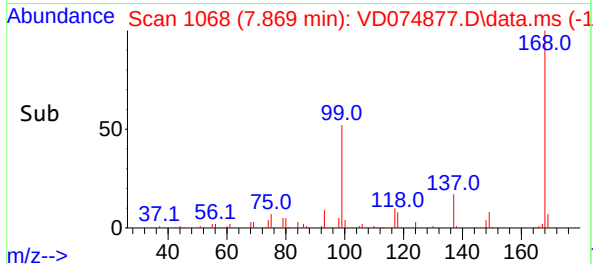
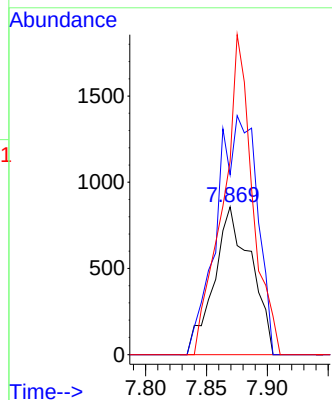


#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722RE

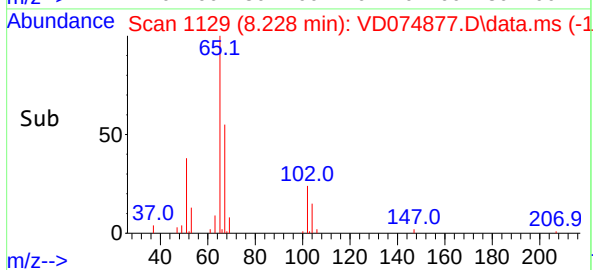
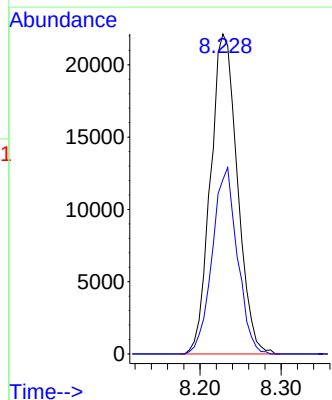
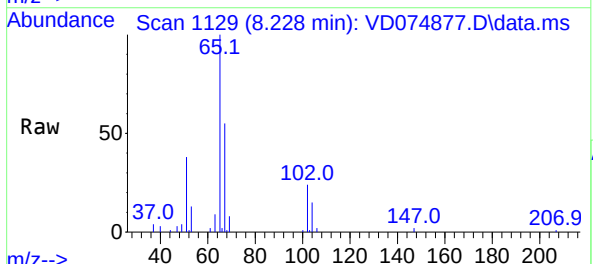


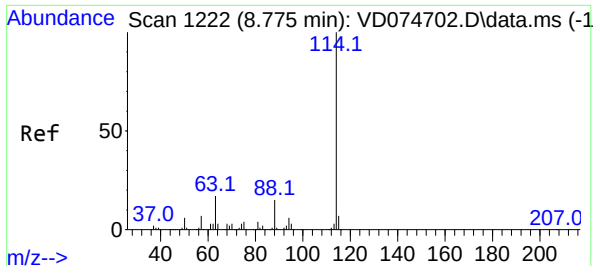
Tgt Ion: 56 Resp: 1811
Ion Ratio Lower Upper
56 100
69 121.8 29.2 43.8#
84 131.0 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 62.246 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

Tgt Ion: 65 Resp: 50951
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074877.D

Acq: 10 Nov 2022 19:34

Instrument :

MSVOA_D

ClientSampleId :

HS-3-110722RE

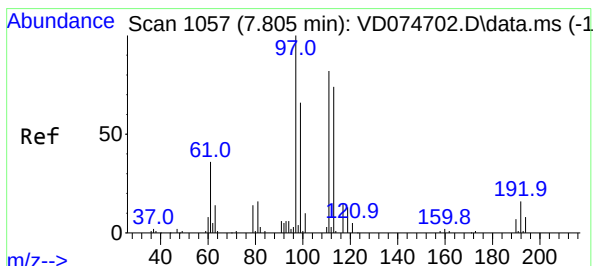
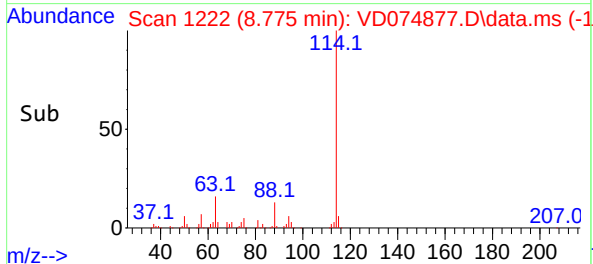
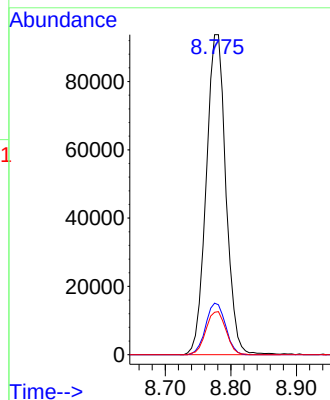
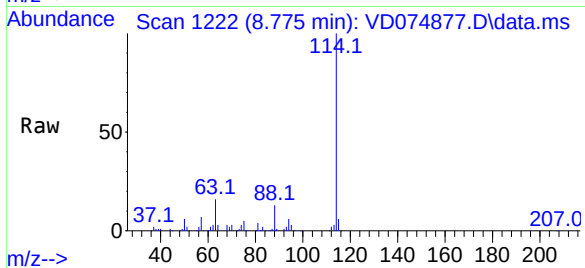
Tgt Ion:114 Resp: 195517

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.663 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074877.D

Acq: 10 Nov 2022 19:34

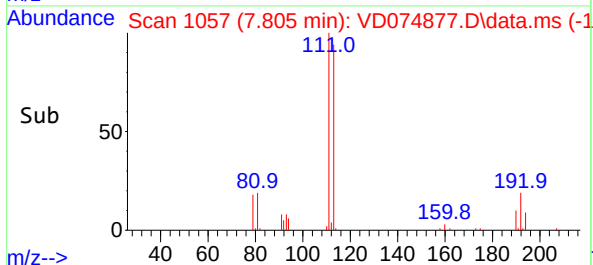
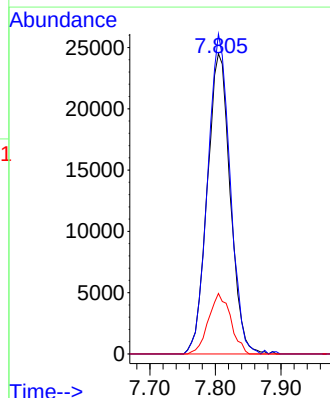
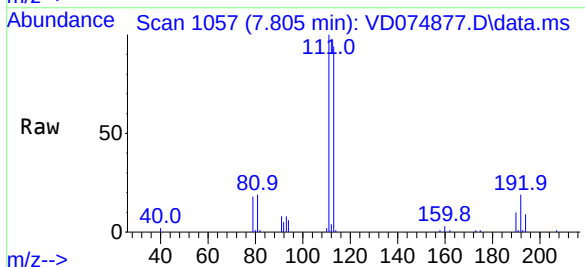
Tgt Ion:113 Resp: 59751

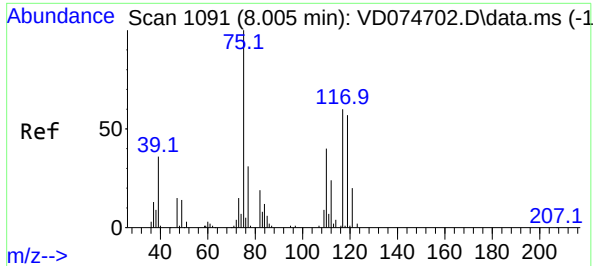
Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

192 19.4 16.4 24.6



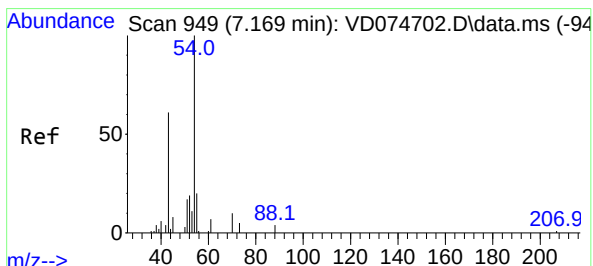
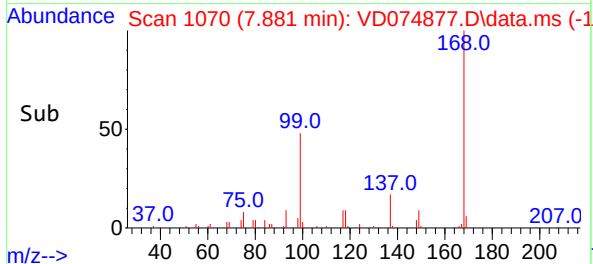
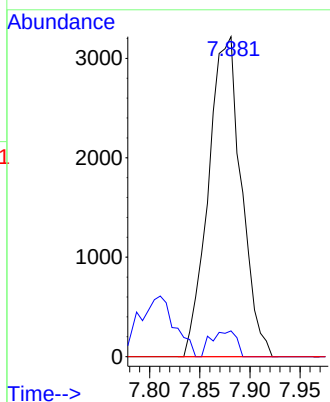
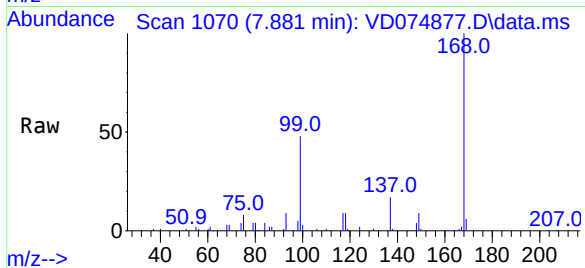


#36
1,1-Dichloropropene
Concen: 4.191 ug/l
RT: 7.881 min Scan# 1091
Delta R.T. -0.124 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722RE

Tgt Ion: 75 Resp: 7358

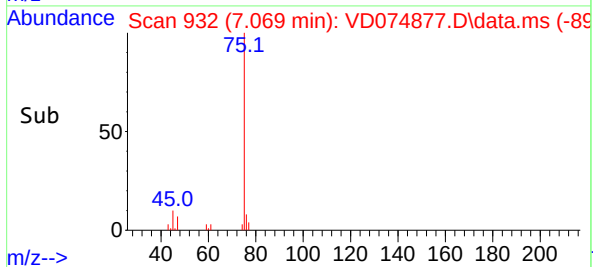
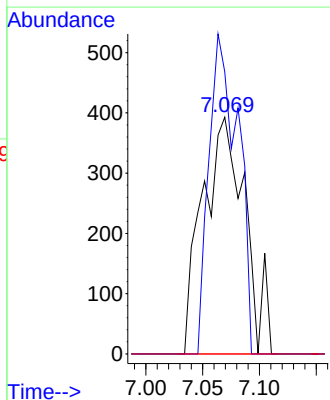
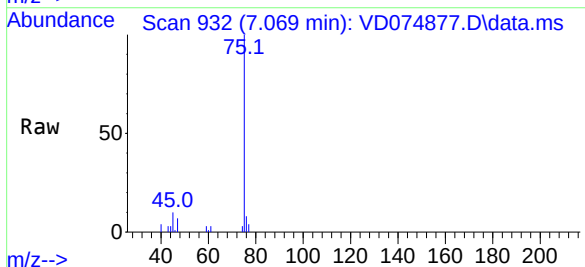
Ion	Ratio	Lower	Upper
75	100		
110	6.2	19.7	59.0#
77	0.0	25.4	38.2#

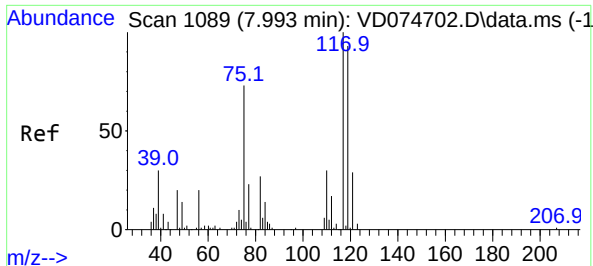


#37
Ethyl Acetate
Concen: 1.745 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.100 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

Tgt Ion: 43 Resp: 1022

Ion	Ratio	Lower	Upper
43	100		
61	92.0	12.2	18.4#
70	0.0	9.6	14.4#

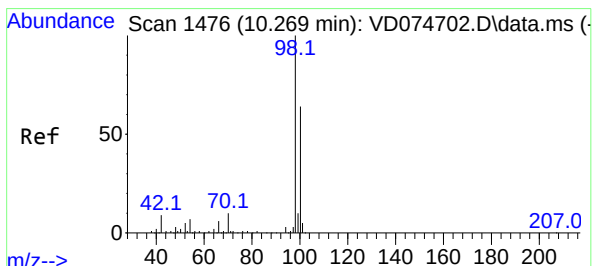
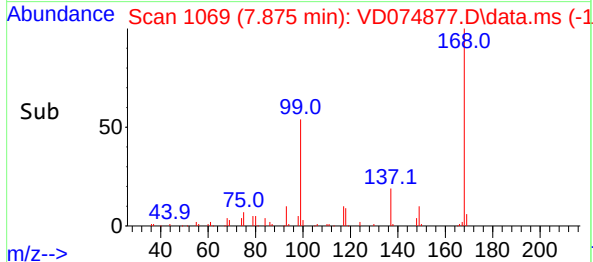
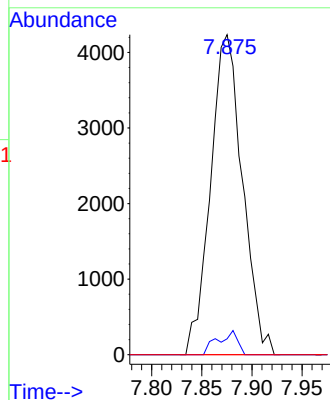
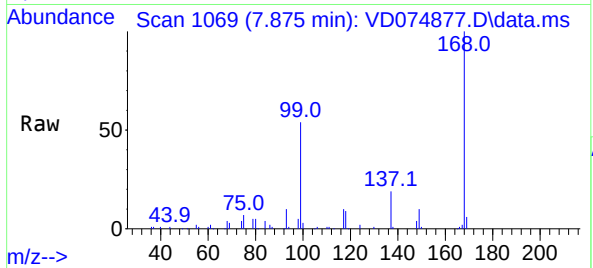




#38
Carbon Tetrachloride
Concen: 5.649 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

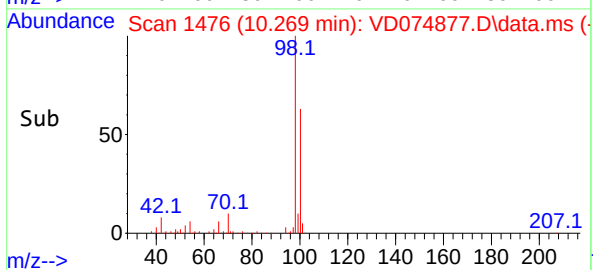
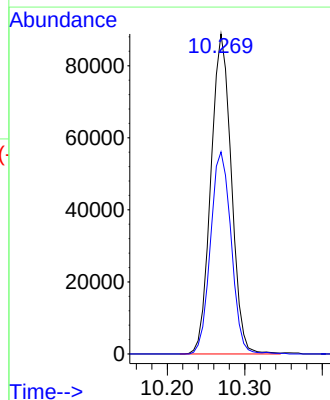
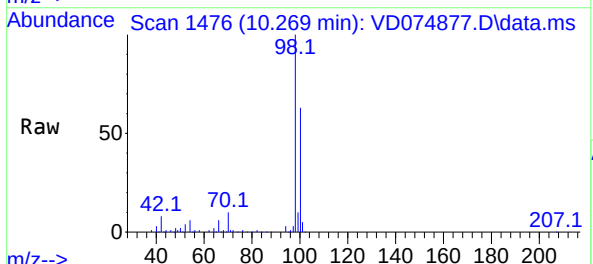
Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722RE

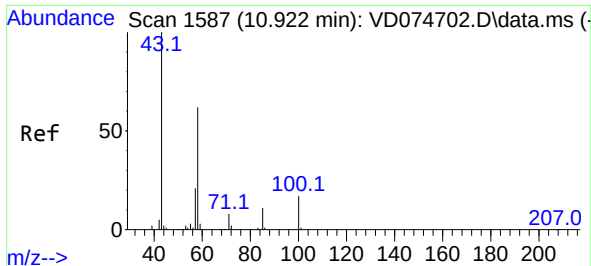
Tgt Ion:117 Resp: 9395
Ion Ratio Lower Upper
117 100
119 4.9 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 38.574 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

Tgt Ion: 98 Resp: 162737
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

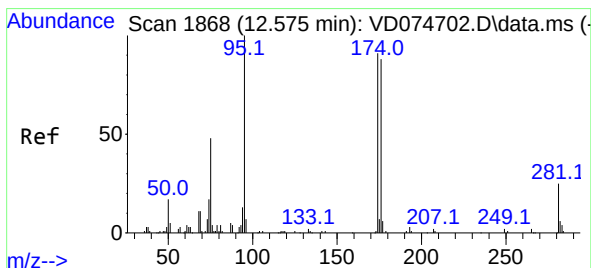
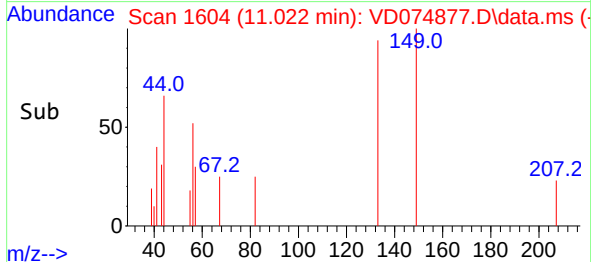
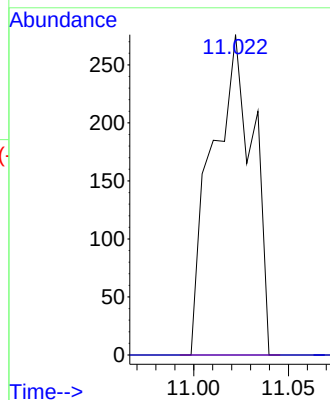
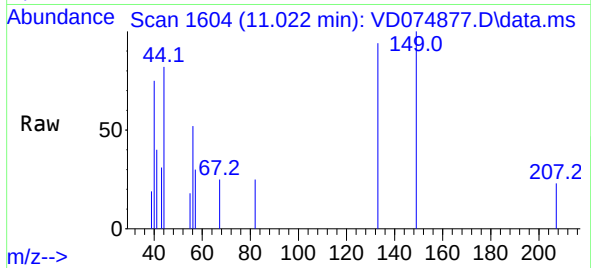




#59
2-Hexanone
Concen: 1.142 ug/l
RT: 11.022 min Scan# 1604
Delta R.T. 0.100 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

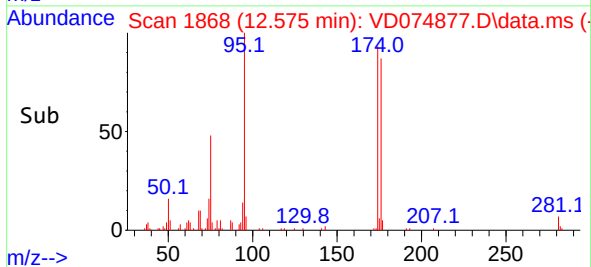
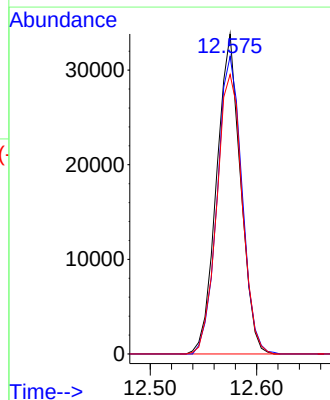
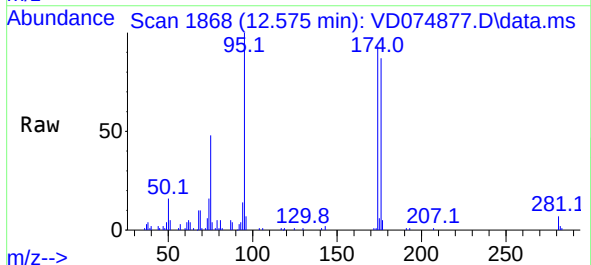
Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722RE

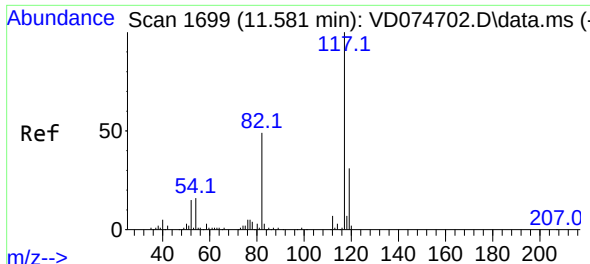
Tgt Ion: 43 Resp: 415
Ion Ratio Lower Upper
43 100
58 0.0 32.0 96.2#



#62
4-Bromofluorobenzene
Concen: 43.207 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

Tgt Ion: 95 Resp: 52630
Ion Ratio Lower Upper
95 100
174 96.2 0.0 197.0
176 93.0 0.0 182.6

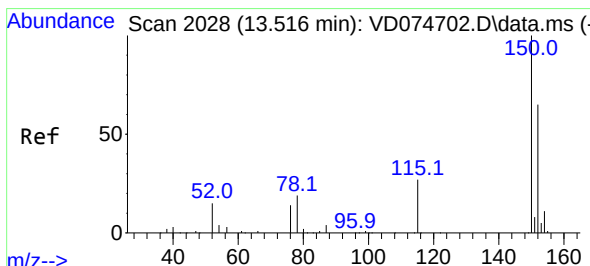
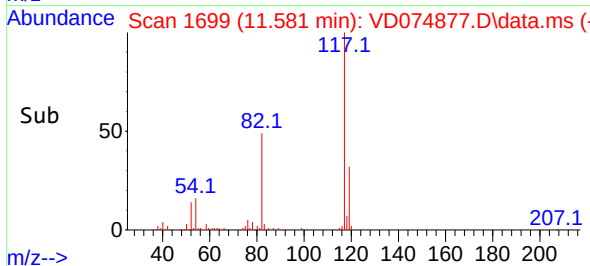
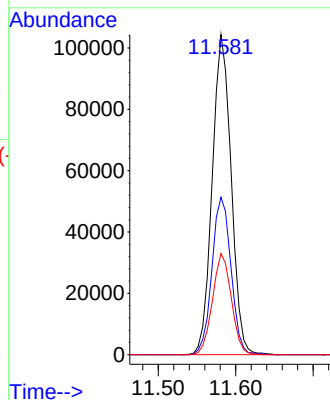
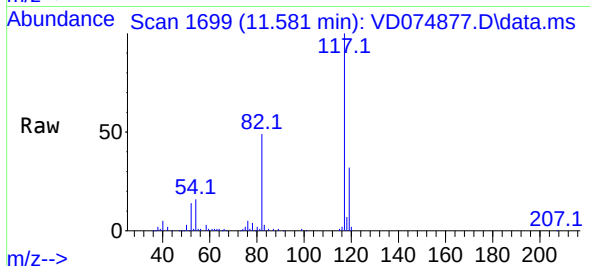




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

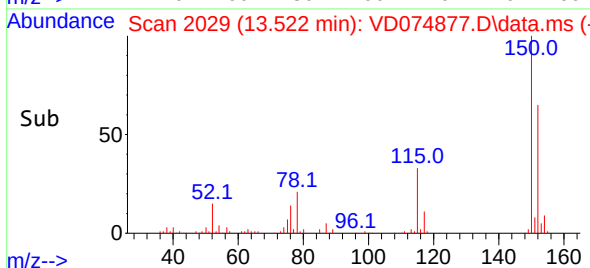
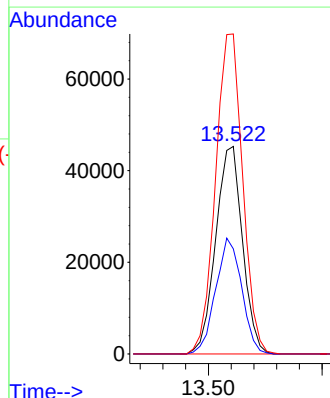
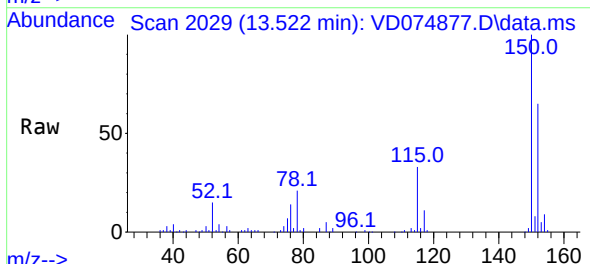
Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722RE

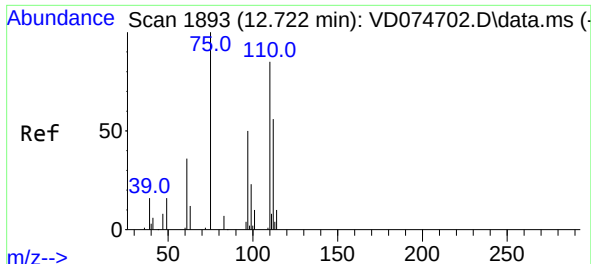
Tgt Ion:	117	Resp:	177222
Ion	Ratio	Lower	Upper
117	100		
82	49.2	41.6	62.4
119	31.6	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

Tgt Ion:	152	Resp:	74267
Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.8	80.4
150	155.9	0.0	348.2

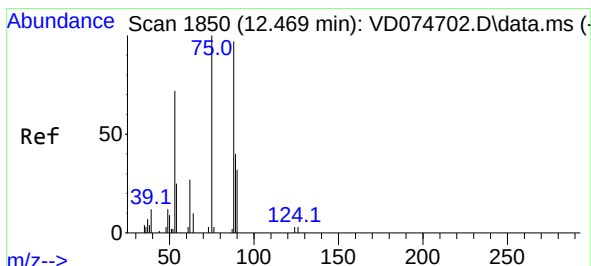
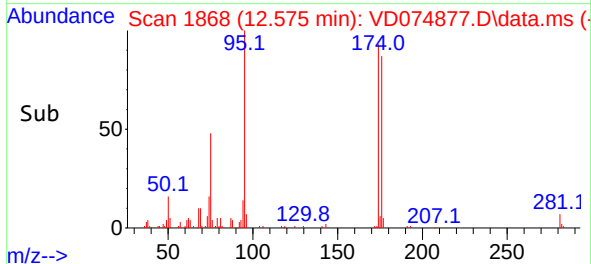
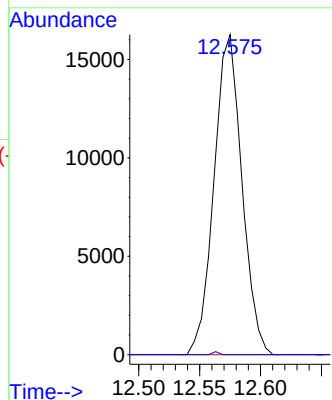
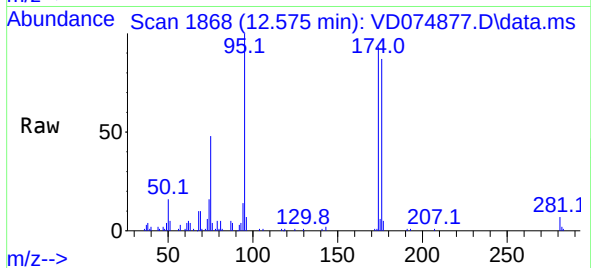




#76
1,2,3-Trichloropropane
Concen: 45.022 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722RE

Tgt Ion: 75 Resp: 25920
Ion Ratio Lower Upper
75 100
77 0.2 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.871 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074877.D
Acq: 10 Nov 2022 19:34

Tgt Ion: 75 Resp: 25920
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

