

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074871.D
 Acq On : 10 Nov 2022 16:48
 Operator : VA/SY
 Sample : N5520-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124035

Quant Time: Nov 11 07:18:39 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)

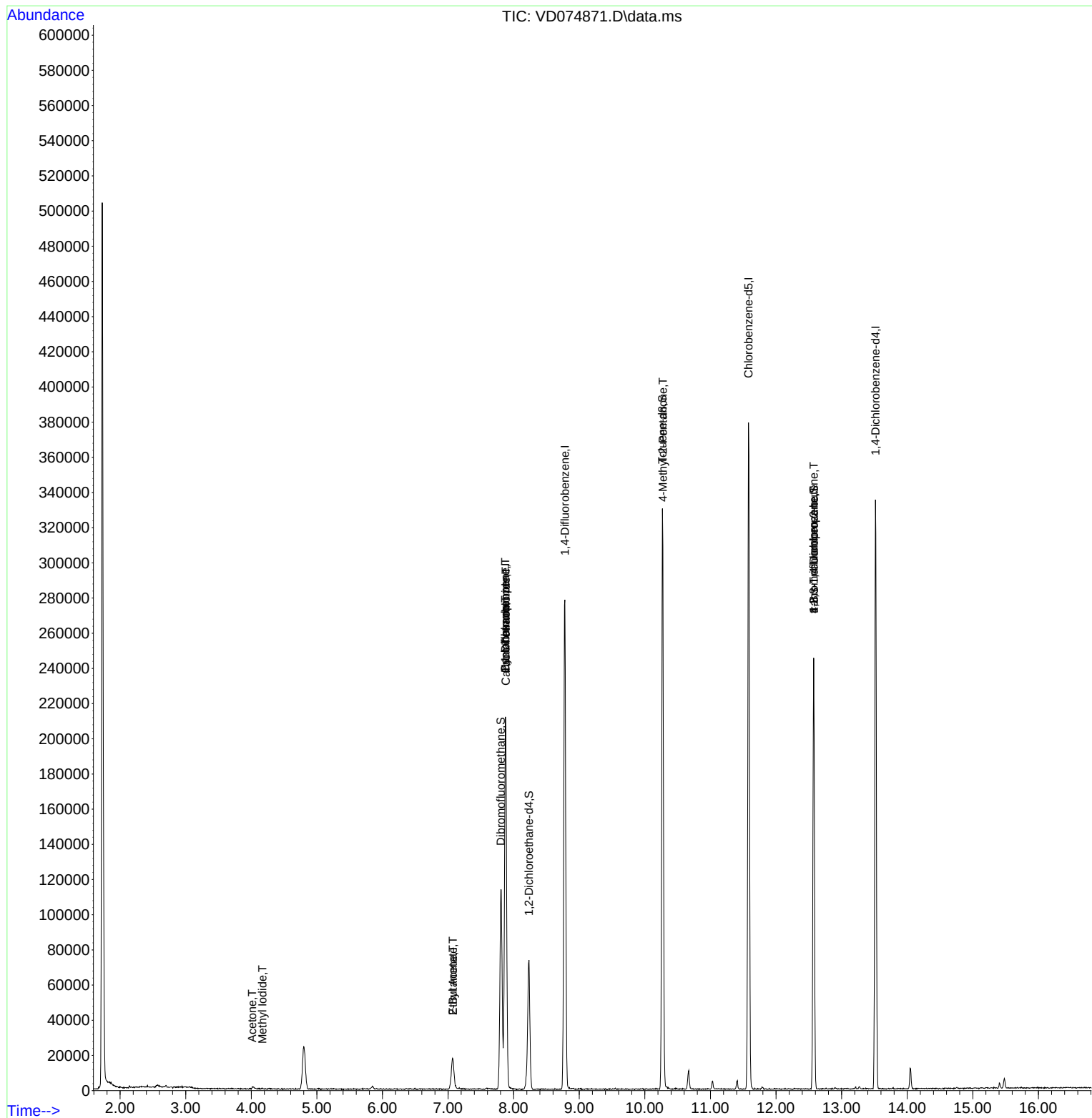
Internal Standards						
1) Pentafluorobenzene	7.875	168	172121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	268093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	237093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54850	40.235	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 80.480%			
35) Dibromofluoromethane	7.804	113	85278	53.773	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.540%			
50) Toluene-d8	10.269	98	238932	41.303	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 82.600%			
62) 4-Bromofluorobenzene	12.574	95	73553	44.037	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.080%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	250	5.651	ug/l #	43
11) Tert butyl alcohol	5.022	59	125	Below Cal	#	84
16) Acetone	4.016	43	1992	7.002	ug/l #	74
20) Methylene Chloride	4.793	84	21322	Below Cal		98
25) 2-Butanone	7.075	43	1033	2.641	ug/l #	42
31) Cyclohexane	7.875	56	3053	1.106	ug/l #	3
36) 1,1-Dichloropropene	7.875	75	11892	4.940	ug/l #	48
37) Ethyl Acetate	7.075	43	1033	1.286	ug/l #	1
38) Carbon Tetrachloride	7.881	117	16288	7.142	ug/l #	18
51) 4-Methyl-2-Pentanone	10.275	43	831	1.147	ug/l #	1
76) 1,2,3-Trichloropropane	12.574	75	35174	46.934	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.574	75	35174	111.410	ug/l #	17

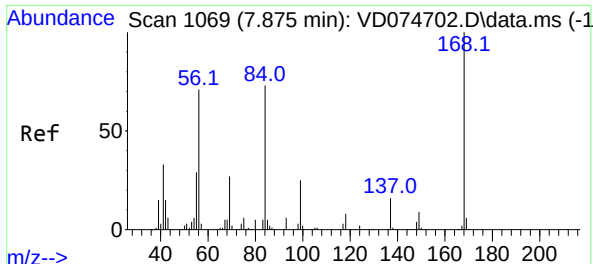
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
Data File : VD074871.D
Acq On : 10 Nov 2022 16:48
Operator : VA/SY
Sample : N5520-01RE
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
124035

Quant Time: Nov 11 07:18:39 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

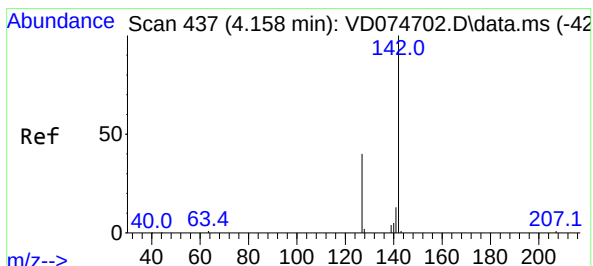
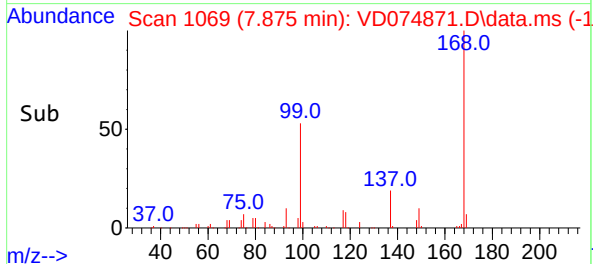
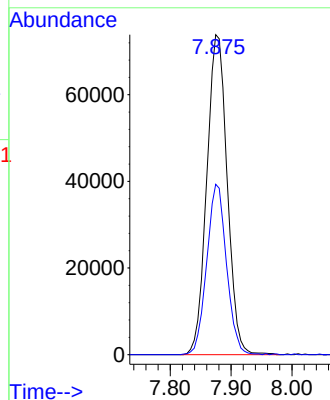
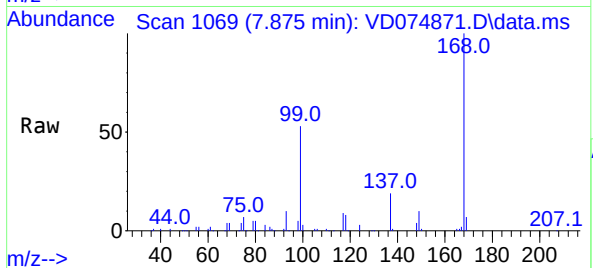




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

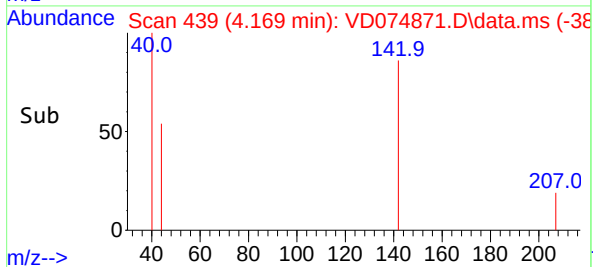
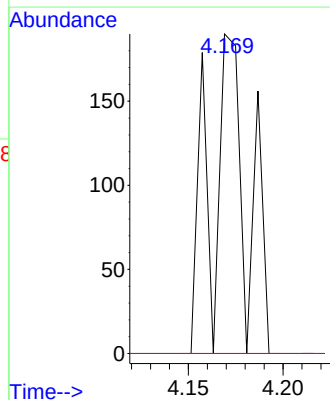
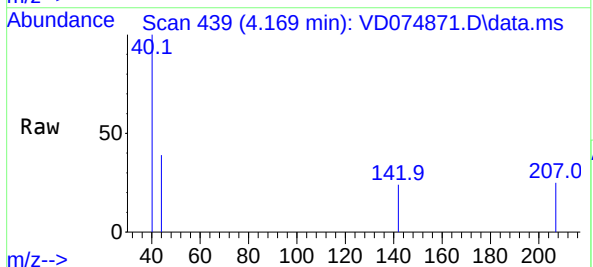
Instrument :
MSVOA_D
ClientSampleId :
124035

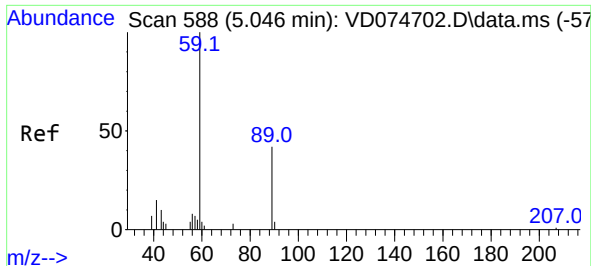
Tgt Ion:168 Resp: 172121
Ion Ratio Lower Upper
168 100
99 53.2 40.9 61.3



#10
Methyl Iodide
Concen: 5.651 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

Tgt Ion:142 Resp: 250
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

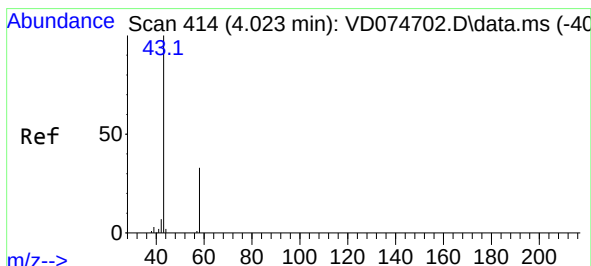
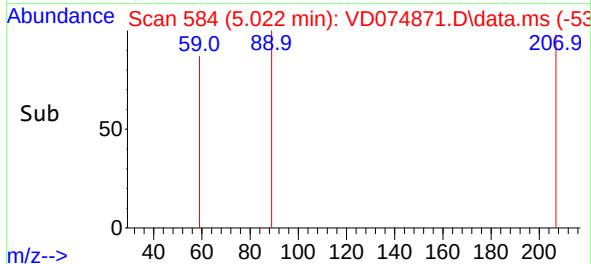
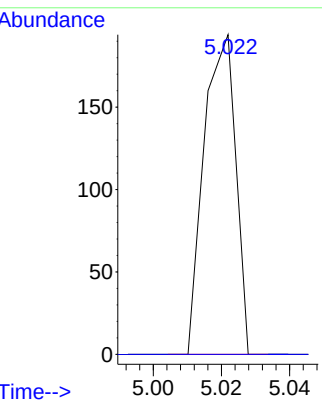
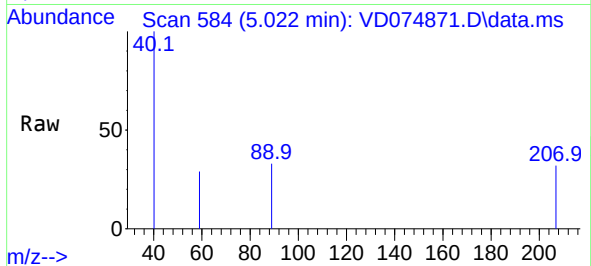




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.022 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

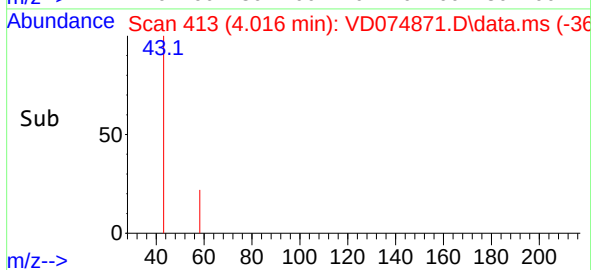
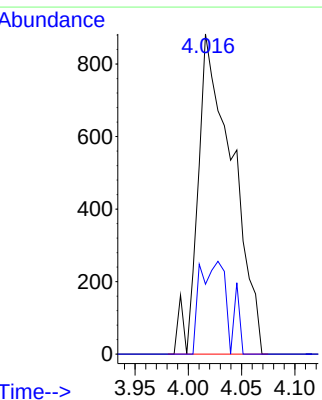
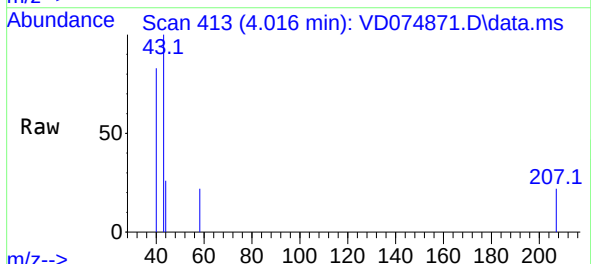
Instrument :
MSVOA_D
ClientSampleId :
124035

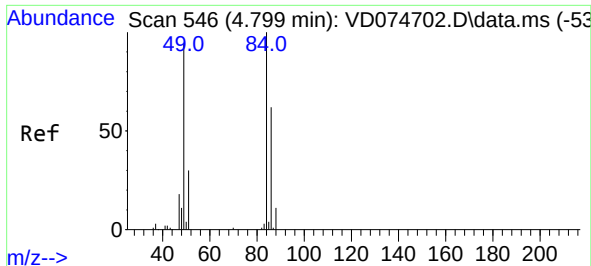
Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 7.002 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.007 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

Tgt Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
58 21.9 30.2 45.2#

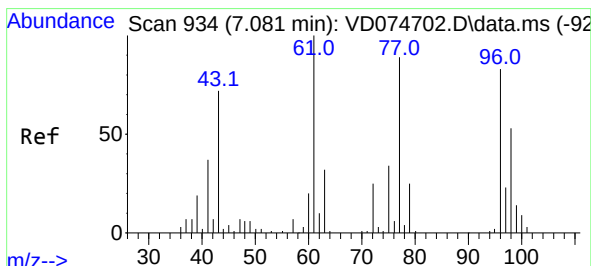
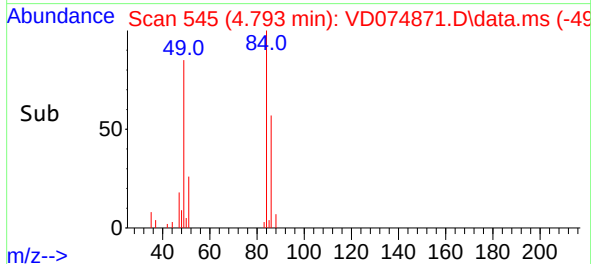
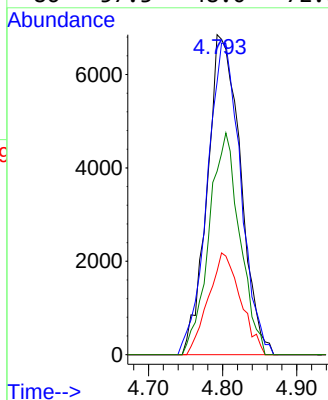
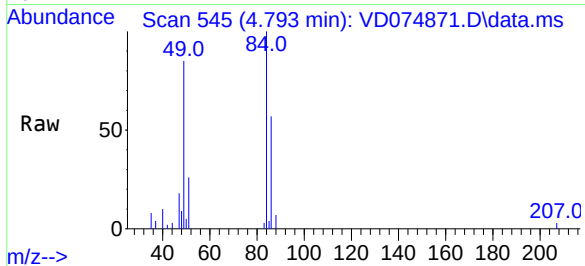




#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

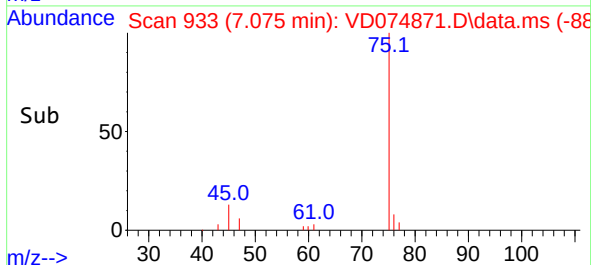
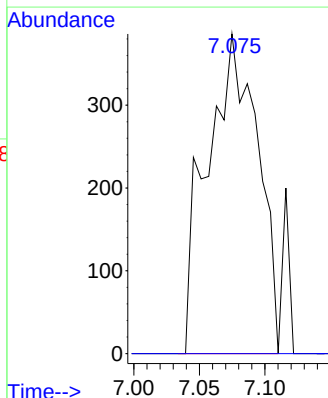
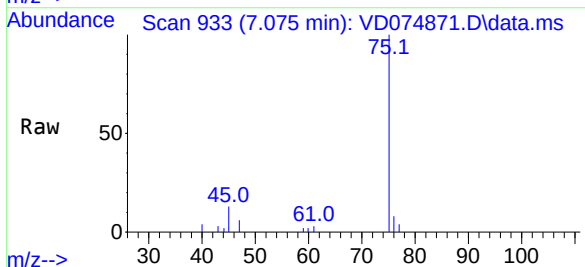
Instrument :
MSVOA_D
ClientSampleId :
124035

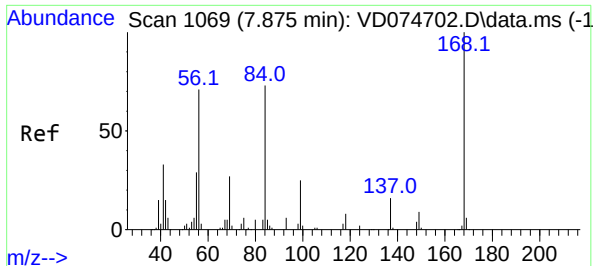
Tgt Ion:	84	Resp:	21322
Ion	Ratio	Lower	Upper
84	100		
49	85.2	68.0	102.0
51	26.1	23.2	34.8
86	57.3	48.0	72.0



#25
2-Butanone
Concen: 2.641 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

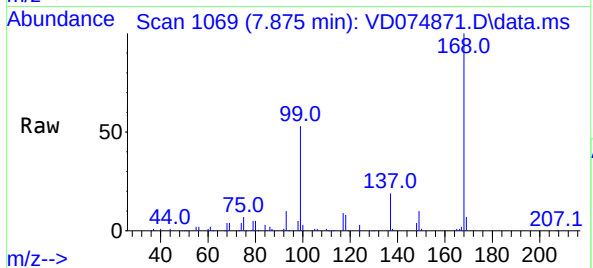
Tgt Ion:	43	Resp:	1033
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#



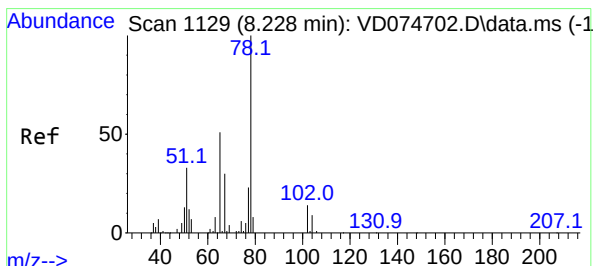
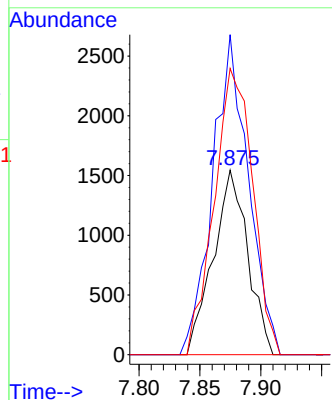
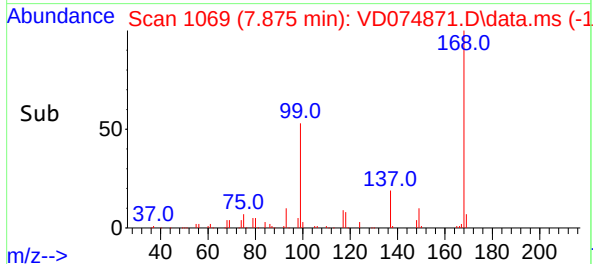


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

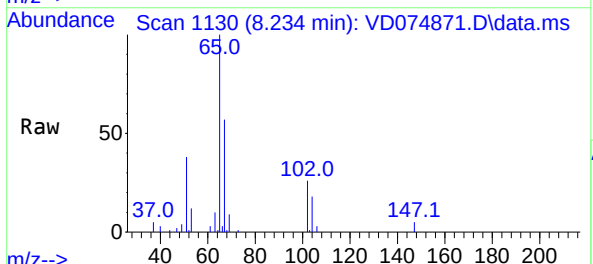
Instrument :
MSVOA_D
ClientSampleId :
124035



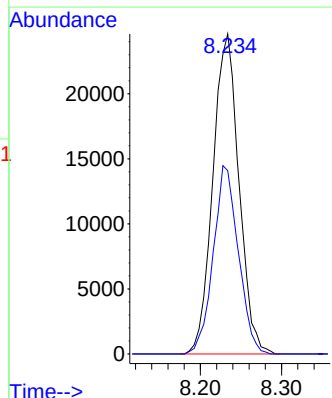
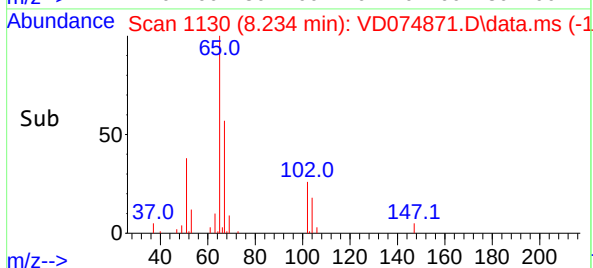
Tgt Ion: 56 Resp: 3053
Ion Ratio Lower Upper
56 100
69 173.4 29.2 43.8#
84 155.1 83.4 125.2#

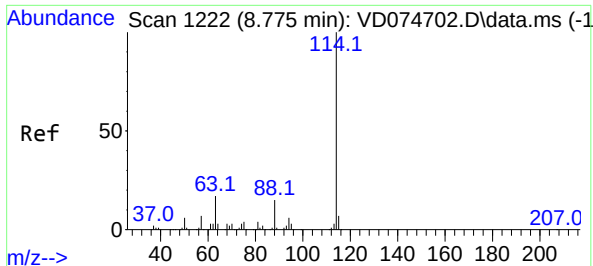


#33
1,2-Dichloroethane-d4
Concen: 40.235 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48



Tgt Ion: 65 Resp: 54850
Ion Ratio Lower Upper
65 100
67 56.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074871.D

Acq: 10 Nov 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

124035

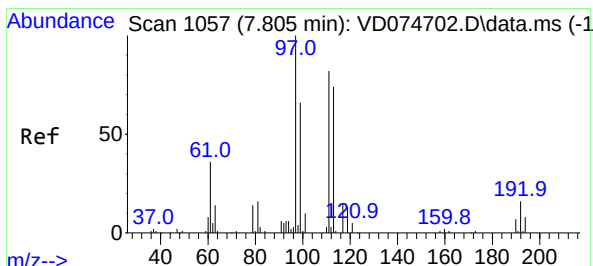
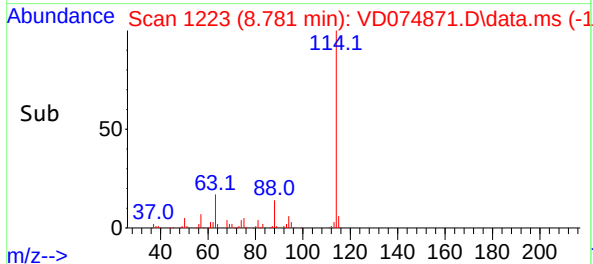
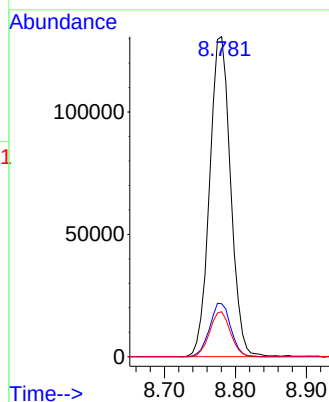
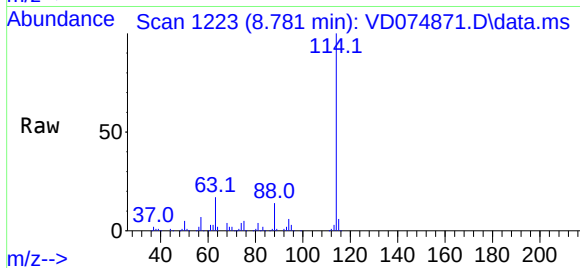
Tgt Ion:114 Resp: 268093

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 14.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 53.773 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074871.D

Acq: 10 Nov 2022 16:48

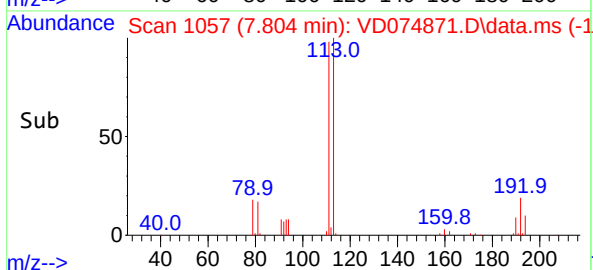
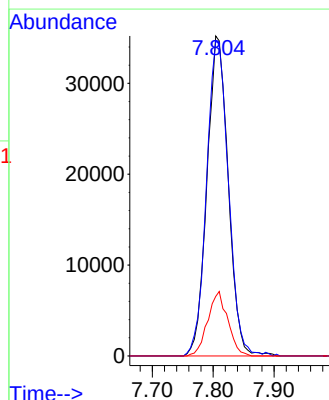
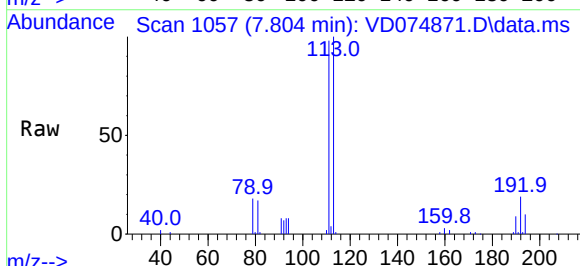
Tgt Ion:113 Resp: 85278

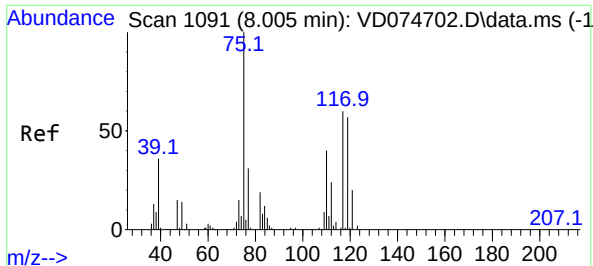
Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

192 19.1 16.4 24.6

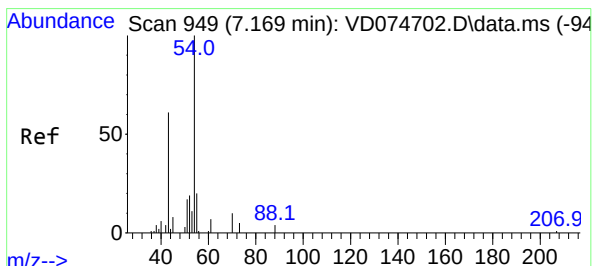
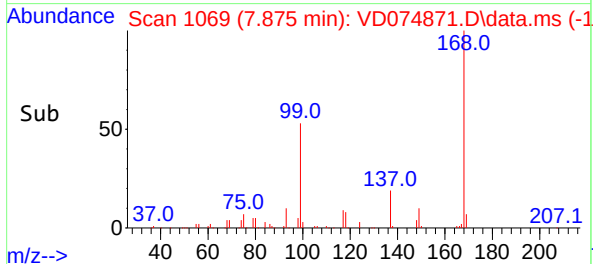
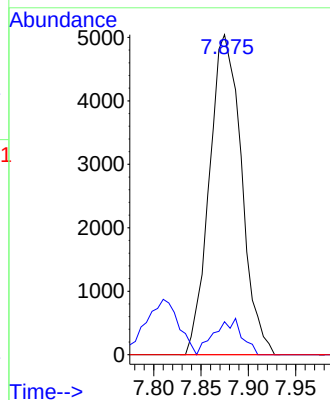
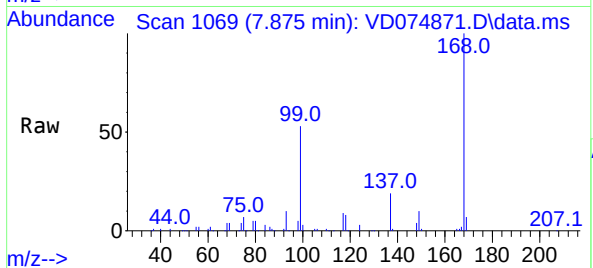




#36
1,1-Dichloropropene
Concen: 4.940 ug/l
RT: 7.875 min Scan# 11892
Delta R.T. -0.130 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

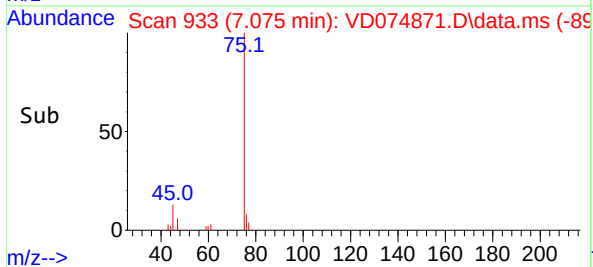
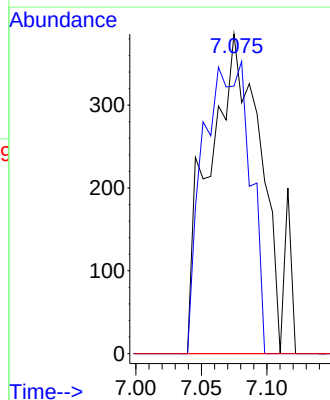
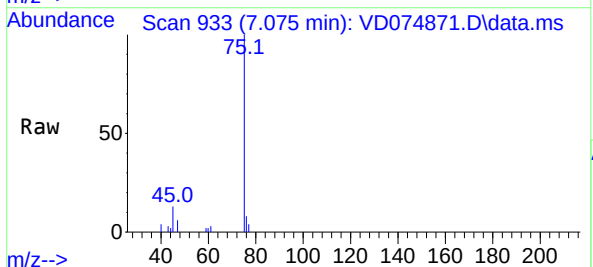
Instrument :
MSVOA_D
ClientSampleId :
124035

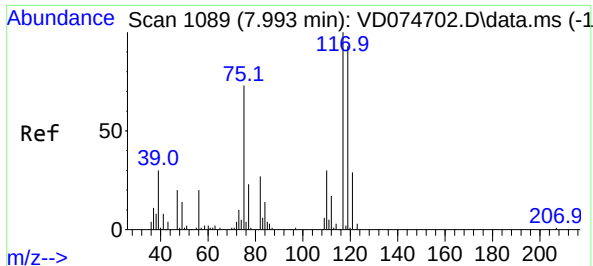
Tgt Ion: 75 Resp: 11892
Ion Ratio Lower Upper
75 100
110 9.7 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 1.286 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.094 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
61 84.4 12.2 18.4#
70 0.0 9.6 14.4#

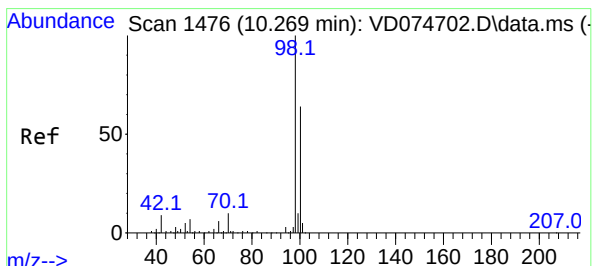
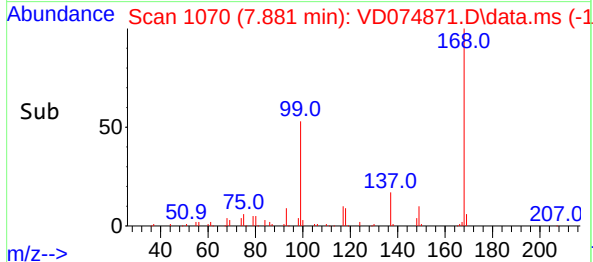
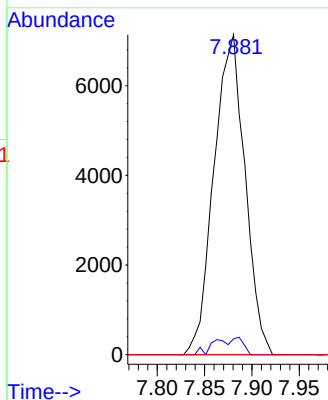
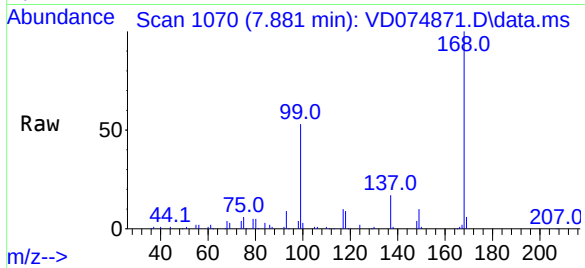




#38
Carbon Tetrachloride
Concen: 7.142 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

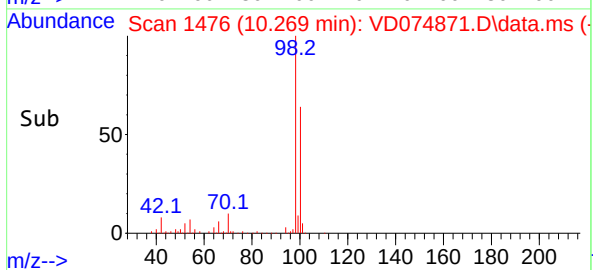
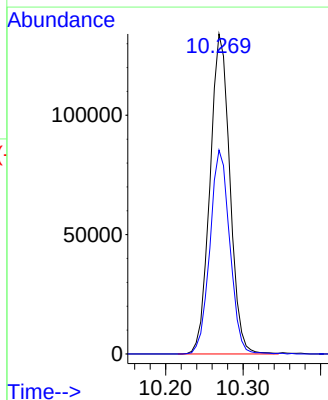
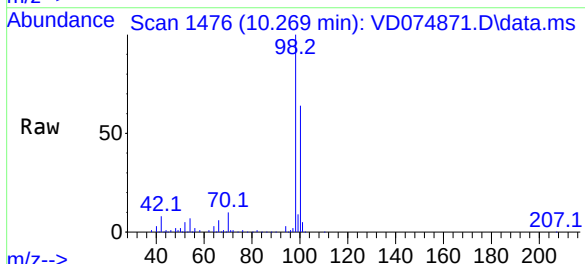
Instrument :
MSVOA_D
ClientSampleId :
124035

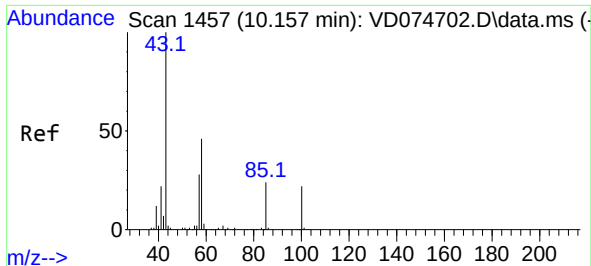
Tgt Ion:117 Resp: 16288
Ion Ratio Lower Upper
117 100
119 4.9 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 41.303 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

Tgt Ion: 98 Resp: 238932
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.147 ug/l

RT: 10.275 min Scan# 1457

Delta R.T. 0.118 min

Lab File: VD074871.D

Acq: 10 Nov 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

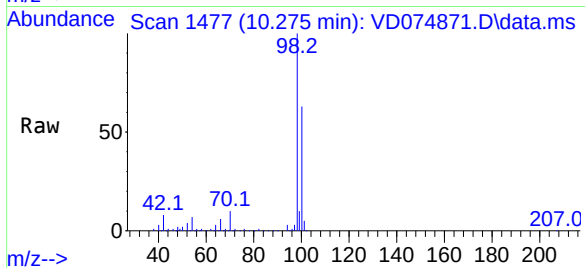
124035

Tgt Ion: 43 Resp: 831

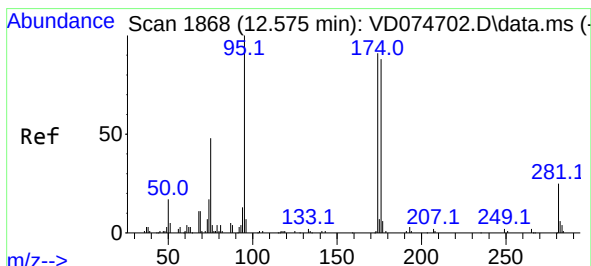
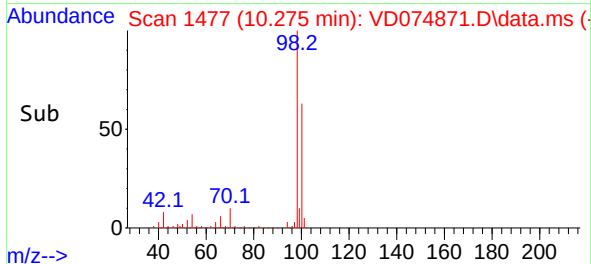
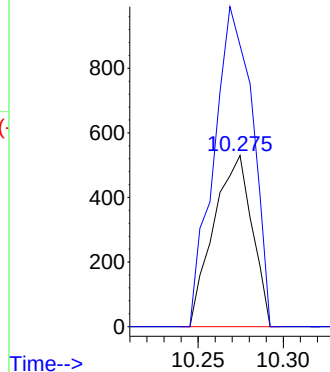
Ion Ratio Lower Upper

43 100

58 188.6 37.8 56.6#



Abundance



#62

4-Bromofluorobenzene

Concen: 44.037 ug/l

RT: 12.574 min Scan# 1868

Delta R.T. -0.001 min

Lab File: VD074871.D

Acq: 10 Nov 2022 16:48

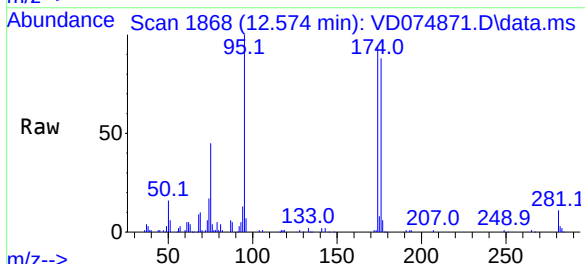
Tgt Ion: 95 Resp: 73553

Ion Ratio Lower Upper

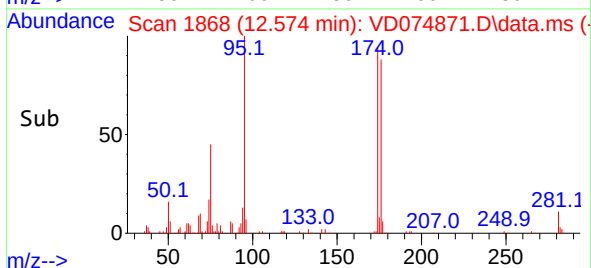
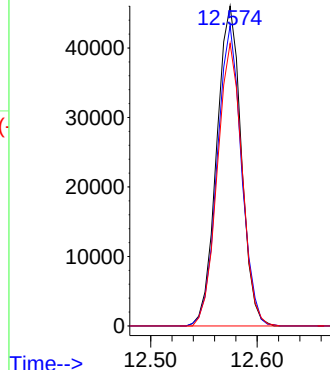
95 100

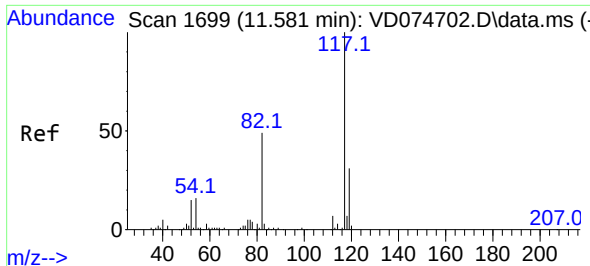
174 92.6 0.0 197.0

176 88.8 0.0 182.6



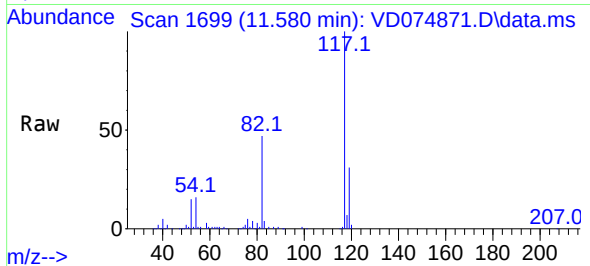
Abundance



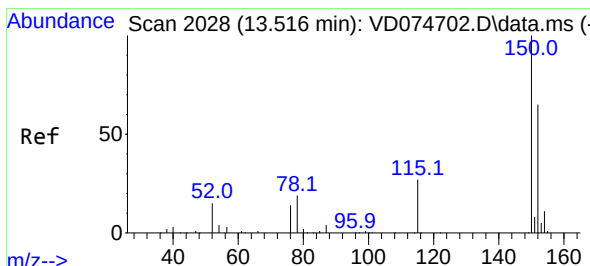
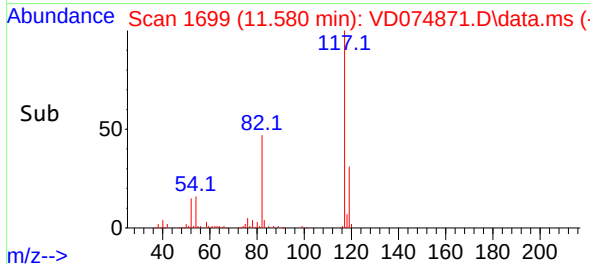
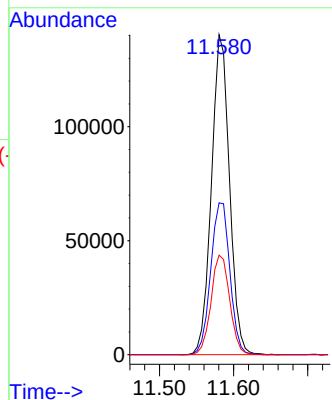


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :
124035

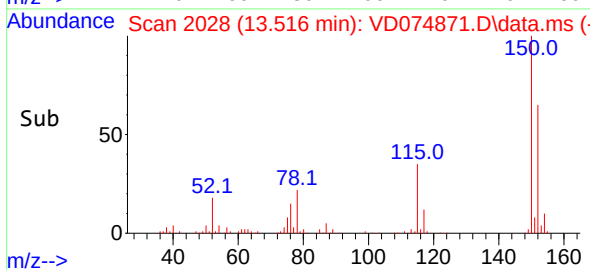
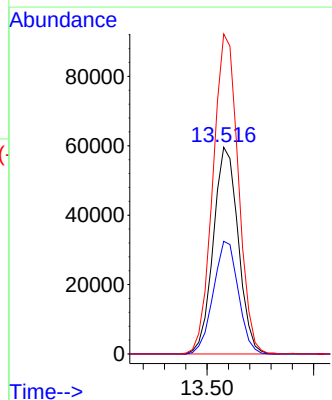
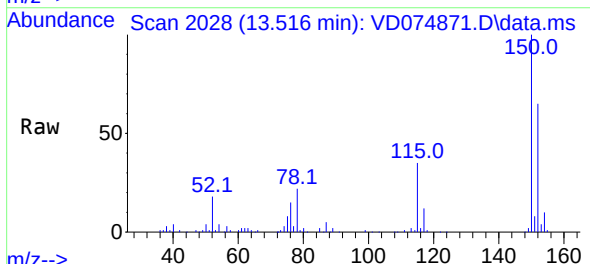


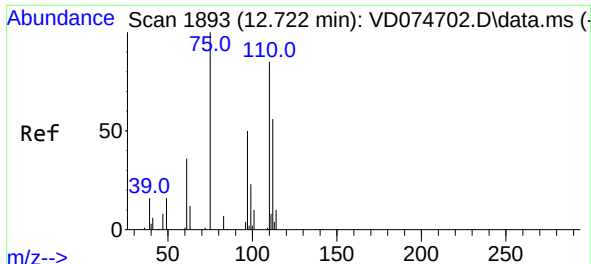
Tgt Ion:117 Resp: 237093
Ion Ratio Lower Upper
117 100
82 47.5 41.6 62.4
119 31.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

Tgt Ion:152 Resp: 96676
Ion Ratio Lower Upper
152 100
115 54.8 26.8 80.4
150 157.5 0.0 348.2

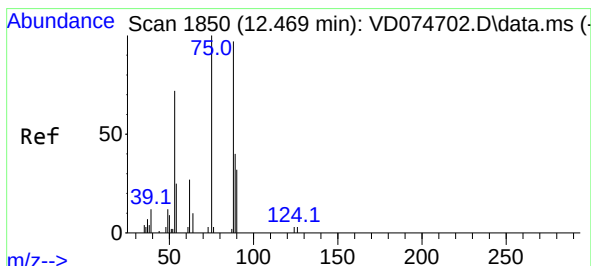
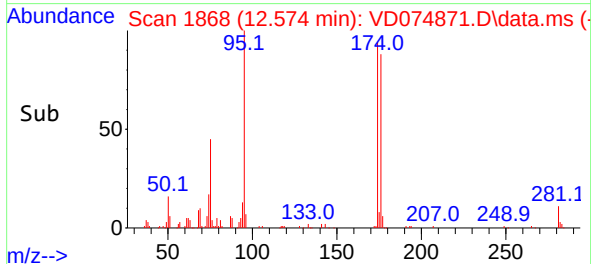
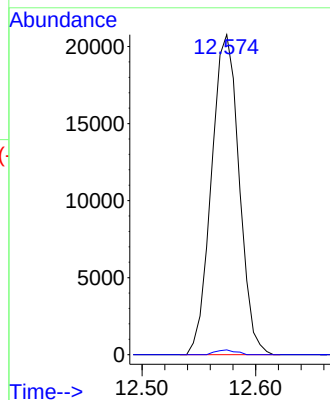
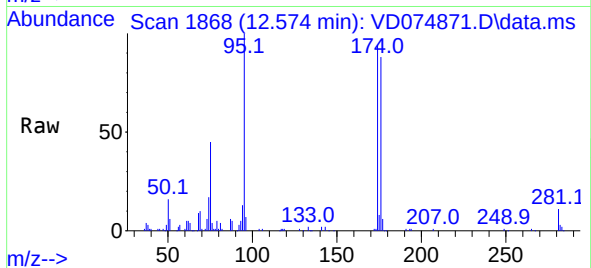




#76
1,2,3-Trichloropropane
Concen: 46.934 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.148 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :
124035

Tgt Ion: 75 Resp: 35174
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.410 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.105 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

Tgt Ion: 75 Resp: 35174
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

