

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074802.D
 Acq On : 08 Nov 2022 14:12
 Operator : VA/SY
 Sample : N5415-06
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 14:49:22 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)

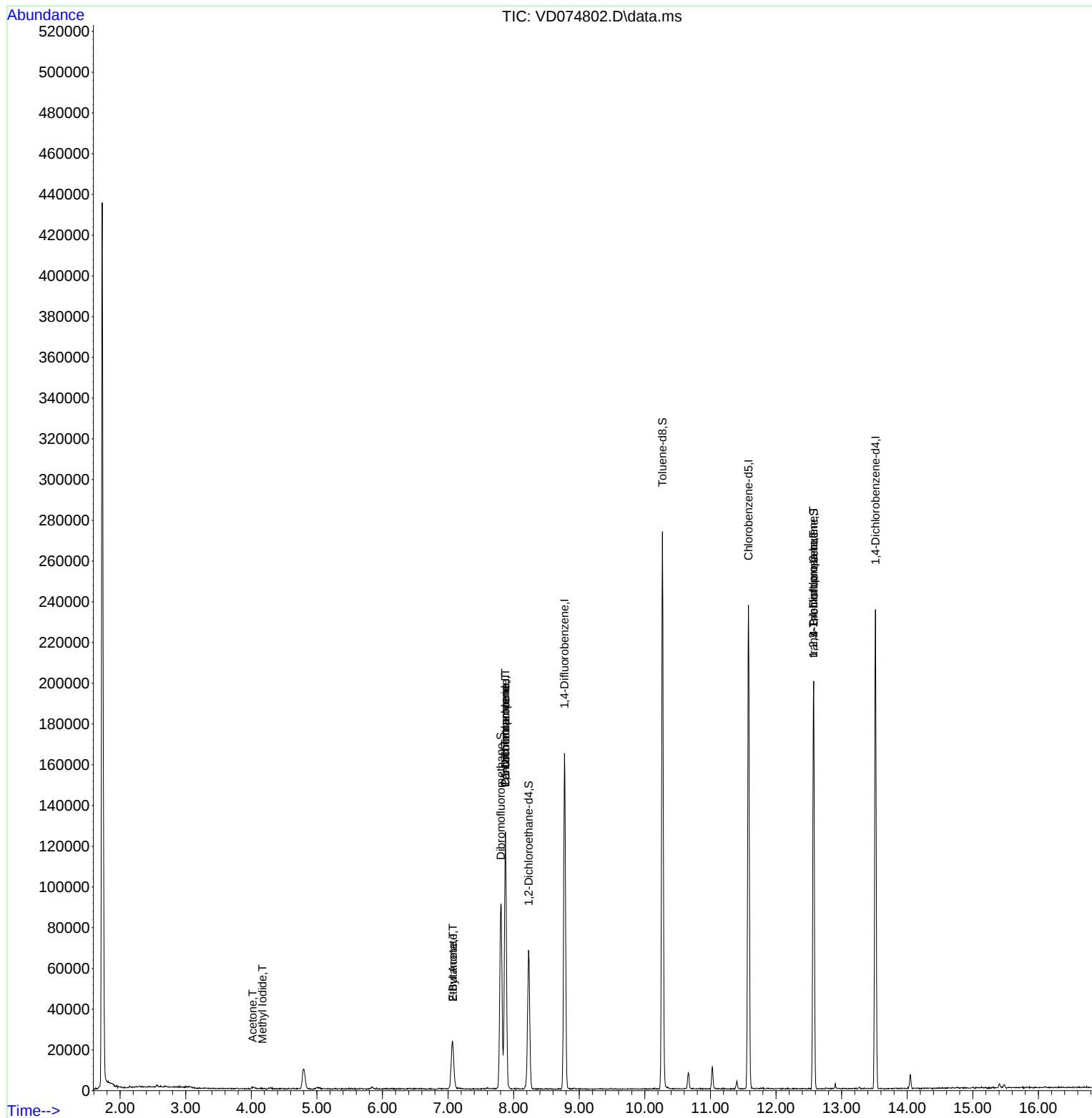
Internal Standards						
1) Pentafluorobenzene	7.875	168	102558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	158504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	150514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	66537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52588	64.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.480%	
35) Dibromofluoromethane	7.804	113	69041	73.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.260%#	
50) Toluene-d8	10.269	98	195599	57.190	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.380%	
62) 4-Bromofluorobenzene	12.575	95	58390	59.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.260%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	136	5.642	ug/l #	43
11) Tert butyl alcohol	5.028	59	385	Below Cal	#	84
16) Acetone	4.022	43	1544	9.109	ug/l	100
20) Methylene Chloride	4.805	84	8932	Below Cal		89
25) 2-Butanone	7.075	43	1242	5.329	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	6944	4.879	ug/l #	46
37) Ethyl Acetate	7.075	43	1242	2.616	ug/l #	1
38) Carbon Tetrachloride	7.875	117	9070	6.727	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	28694	55.630	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	28694	132.053	ug/l #	17

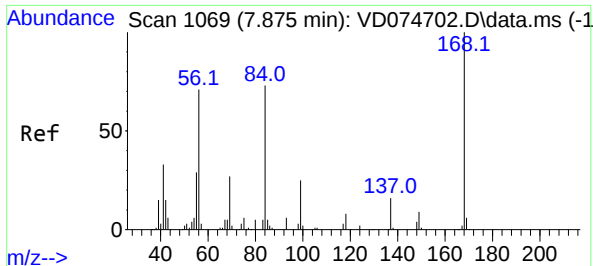
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
Data File : VD074802.D
Acq On : 08 Nov 2022 14:12
Operator : VA/SY
Sample : N5415-06
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 08 14:49:22 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

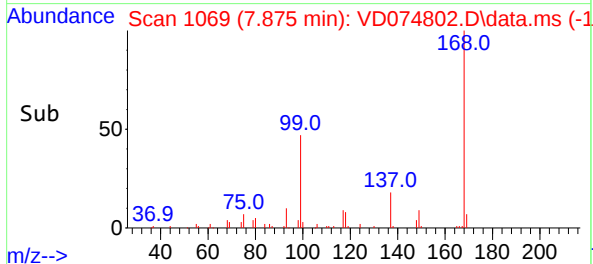
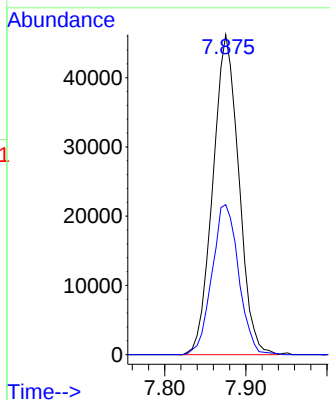
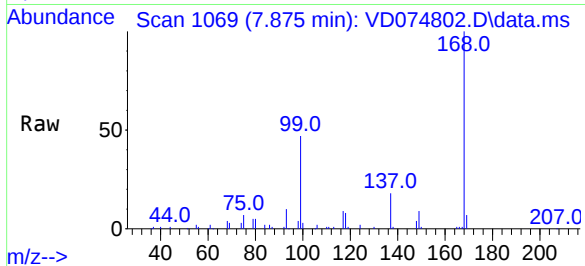




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

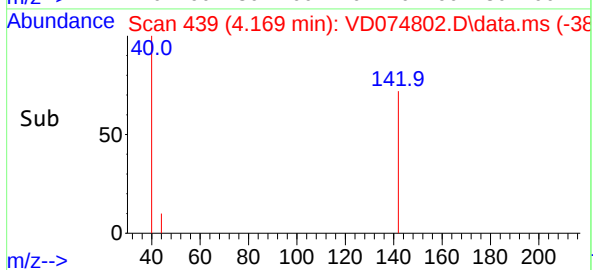
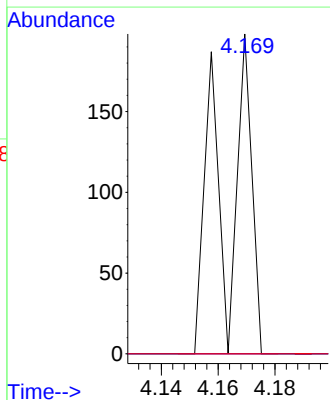
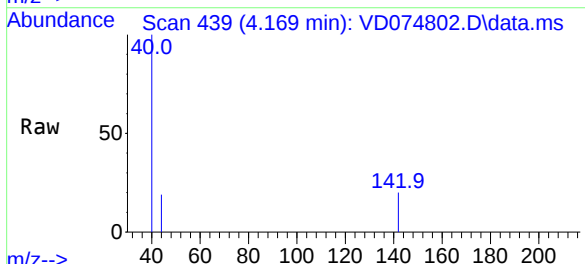
Instrument :
MSVOA_D
ClientSampleId :

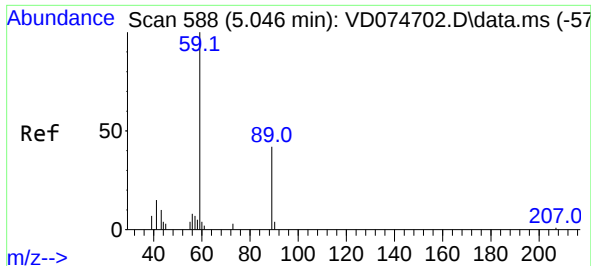
Tgt Ion:168 Resp: 102558
Ion Ratio Lower Upper
168 100
99 46.9 40.9 61.3



#10
Methyl Iodide
Concen: 5.642 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

Tgt Ion:142 Resp: 136
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: 5.028 min Scan# 51

Delta R.T. -0.018 min

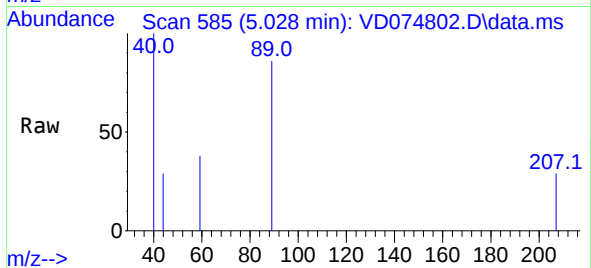
Lab File: VD074802.D

Acq: 08 Nov 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

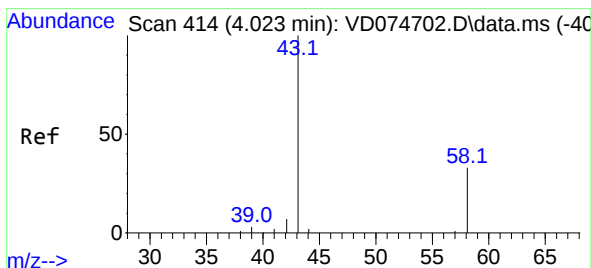
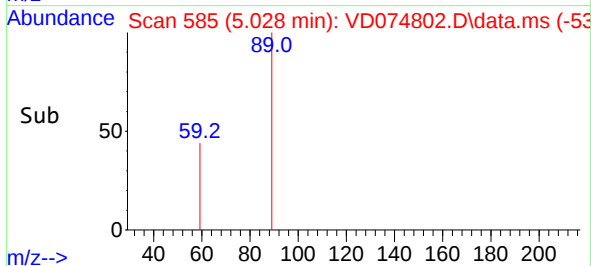
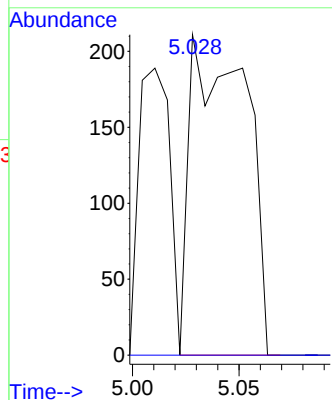


Tgt Ion: 59 Resp: 385

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 9.109 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.001 min

Lab File: VD074802.D

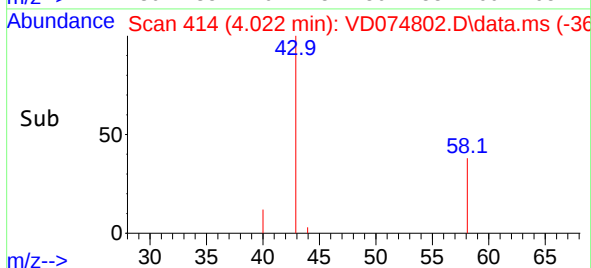
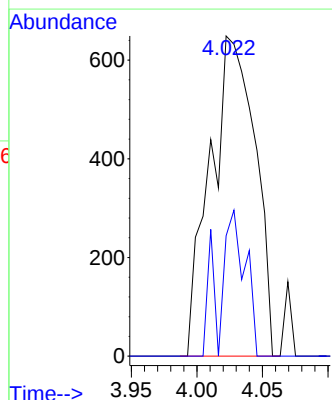
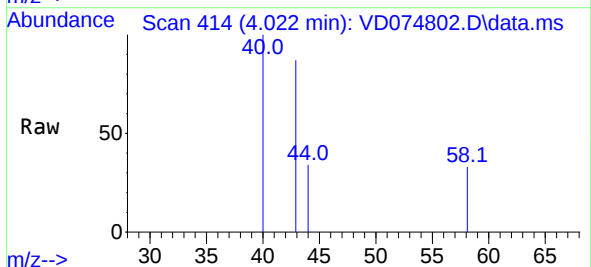
Acq: 08 Nov 2022 14:12

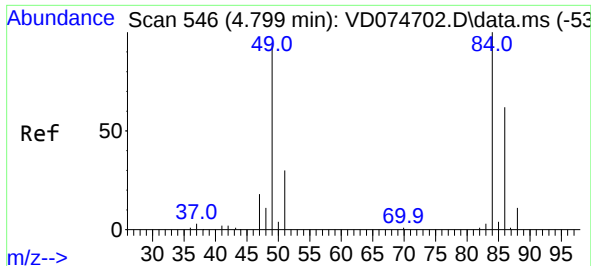
Tgt Ion: 43 Resp: 1544

Ion Ratio Lower Upper

43 100

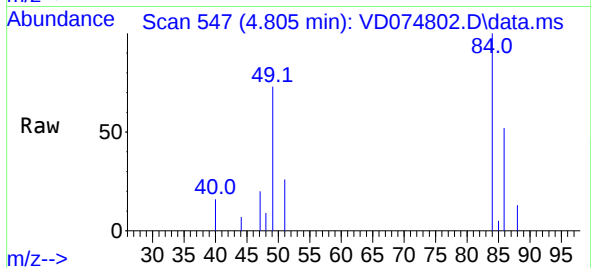
58 37.6 30.2 45.2





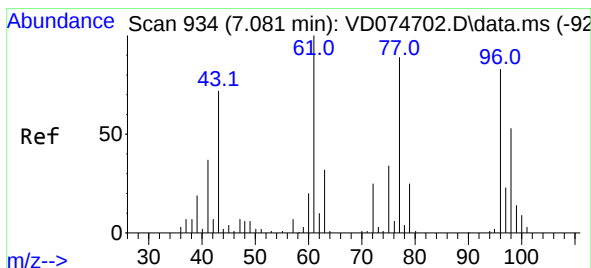
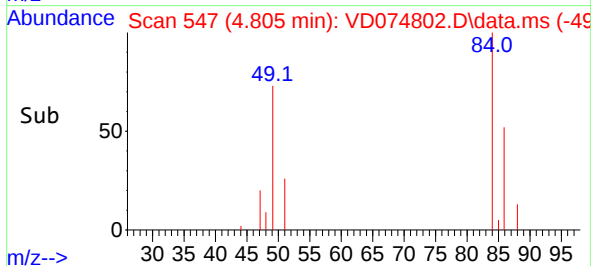
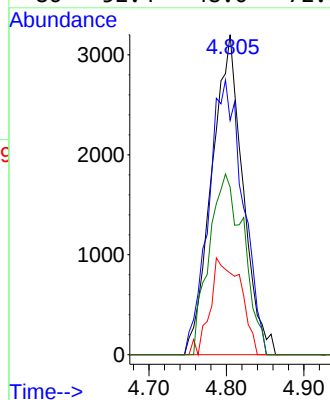
#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 8932

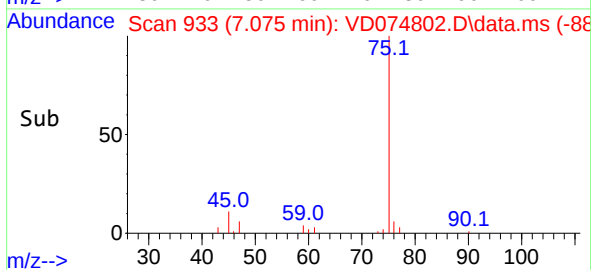
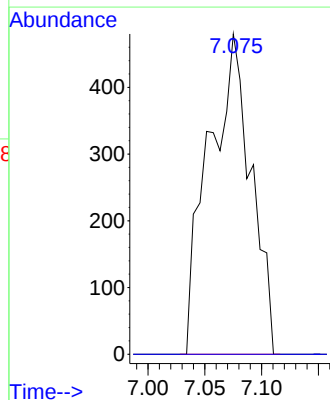
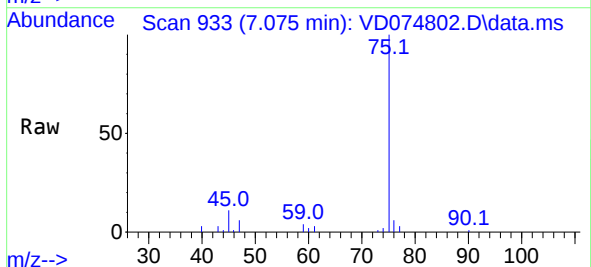
Ion	Ratio	Lower	Upper
84	100		
49	73.2	68.0	102.0
51	25.5	23.2	34.8
86	52.4	48.0	72.0

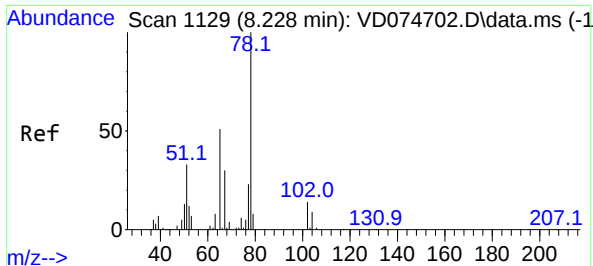


#25
2-Butanone
Concen: 5.329 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

Tgt Ion: 43 Resp: 1242

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#





#33

1,2-Dichloroethane-d4

Concen: 64.741 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074802.D

Acq: 08 Nov 2022 14:12

Instrument :

MSVOA_D

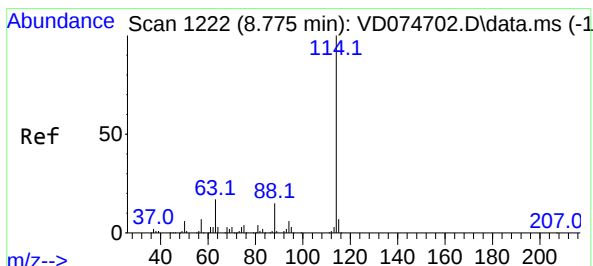
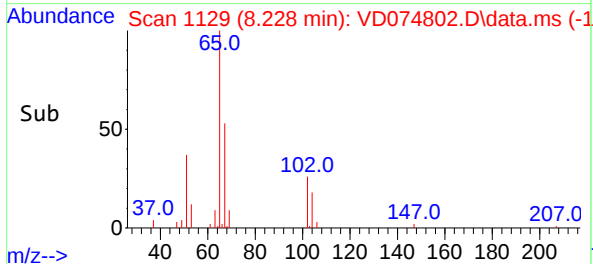
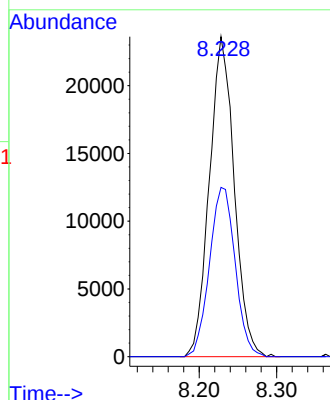
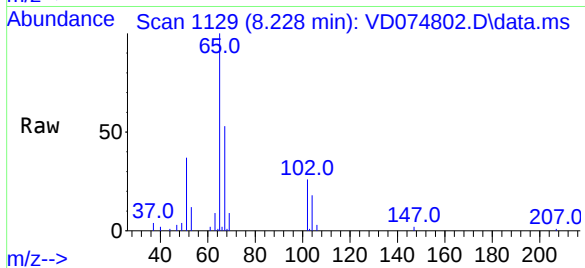
ClientSampleId :

Tgt Ion: 65 Resp: 52588

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074802.D

Acq: 08 Nov 2022 14:12

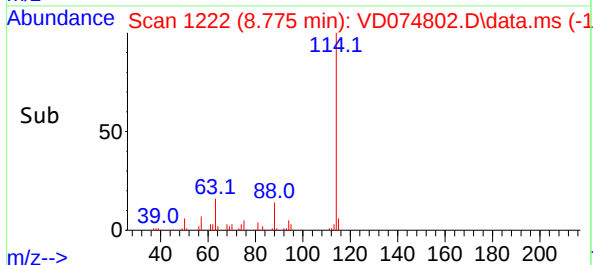
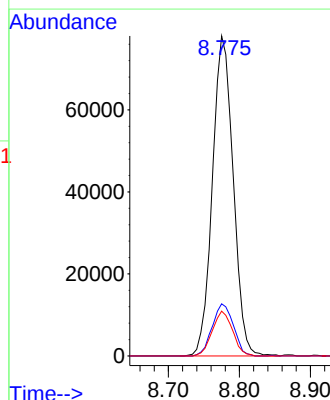
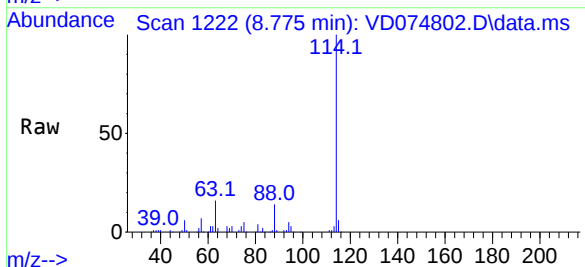
Tgt Ion:114 Resp: 158504

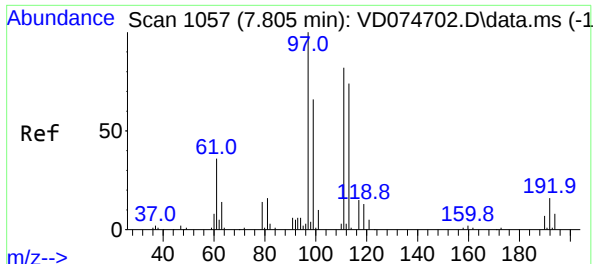
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

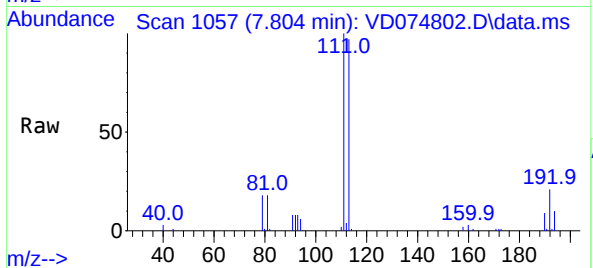
88 14.0 0.0 28.2



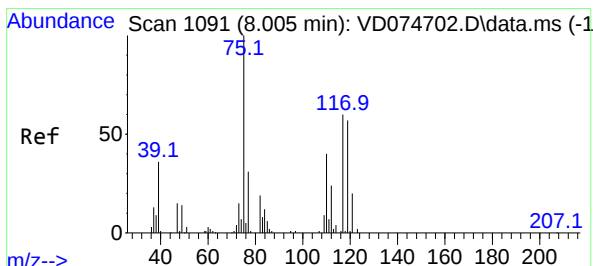
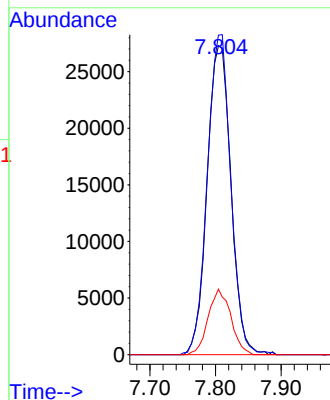
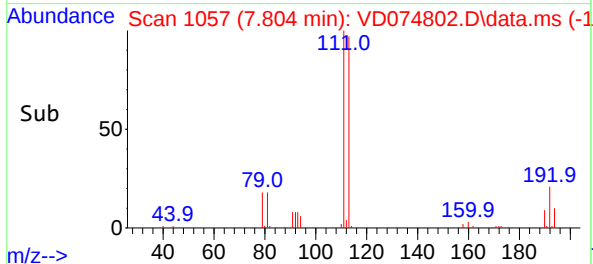


#35
Dibromofluoromethane
Concen: 73.635 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

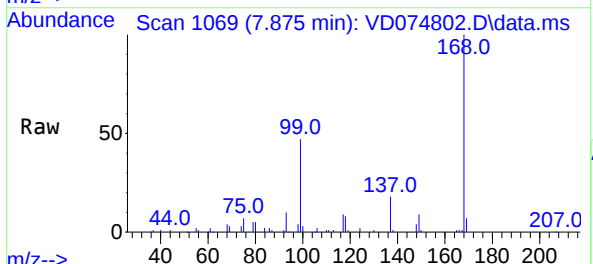
Instrument :
MSVOA_D
ClientSampleId :



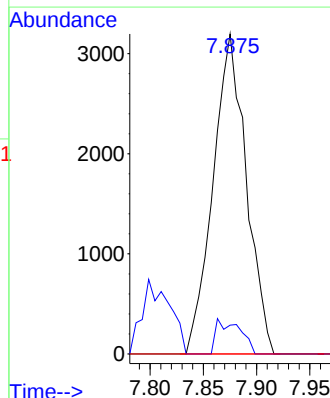
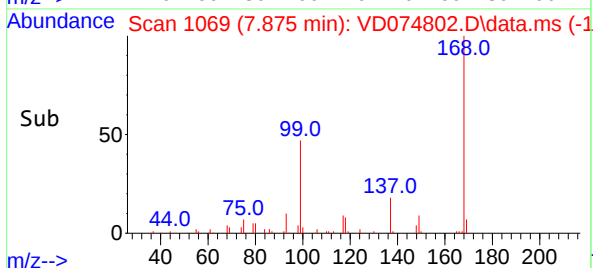
Tgt Ion:113 Resp: 69041
Ion Ratio Lower Upper
113 100
111 101.9 82.3 123.5
192 20.1 16.4 24.6

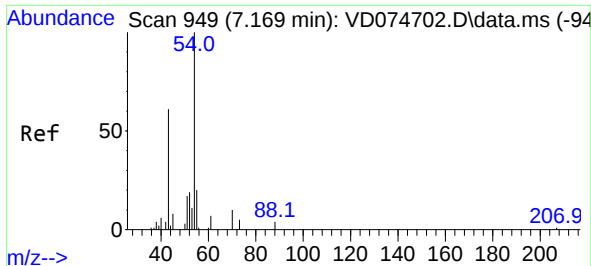


#36
1,1-Dichloropropene
Concen: 4.879 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12



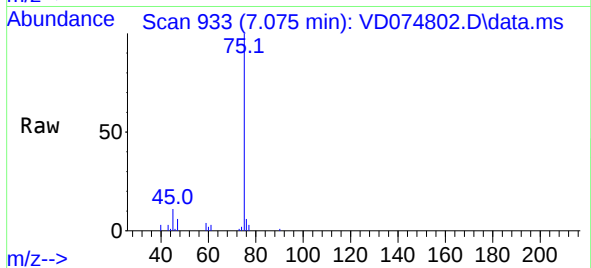
Tgt Ion: 75 Resp: 6944
Ion Ratio Lower Upper
75 100
110 7.9 19.7 59.0#
77 0.0 25.4 38.2#



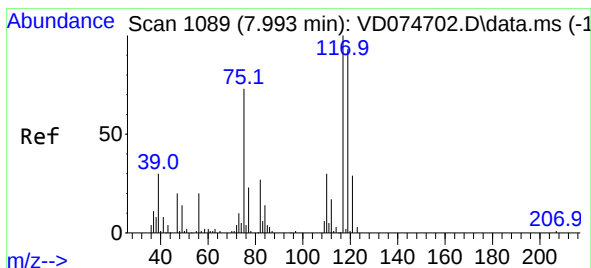
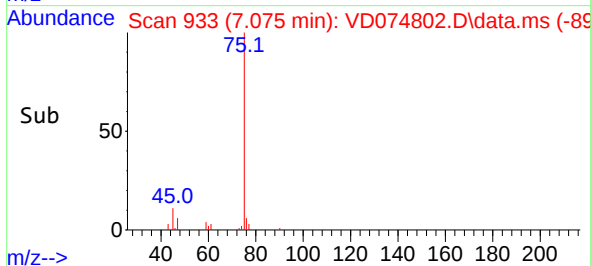
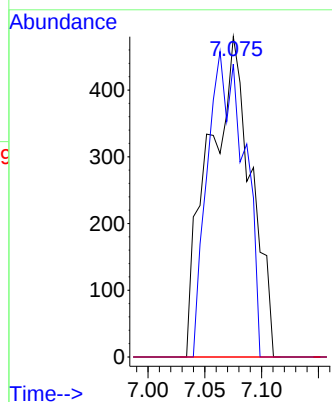


#37
Ethyl Acetate
Concen: 2.616 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.094 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

Instrument :
MSVOA_D
ClientSampleId :

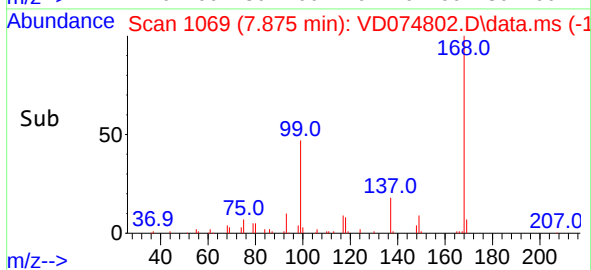
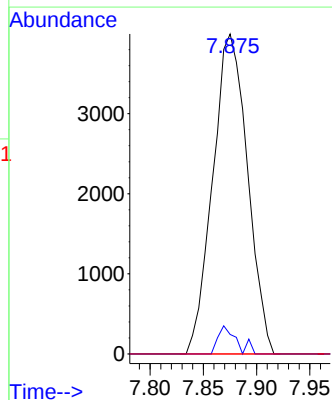
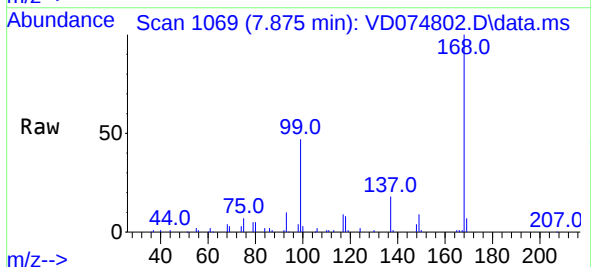


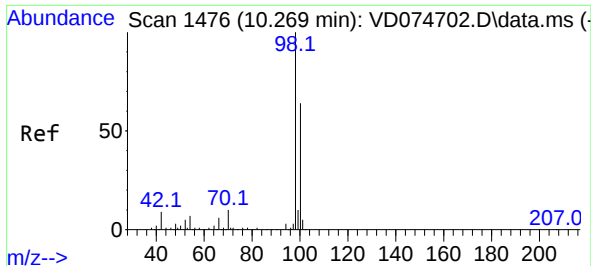
Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
61 83.1 12.2 18.4#
70 0.0 9.6 14.4#



#38
Carbon Tetrachloride
Concen: 6.727 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

Tgt Ion: 117 Resp: 9070
Ion Ratio Lower Upper
117 100
119 6.1 73.1 109.7#
121 0.0 25.0 37.6#

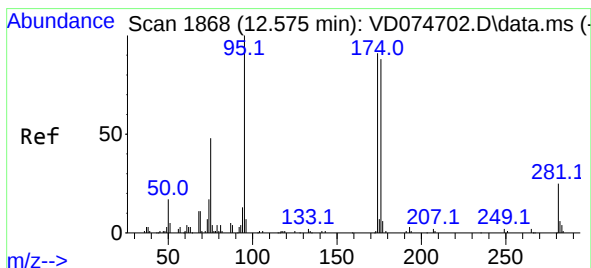
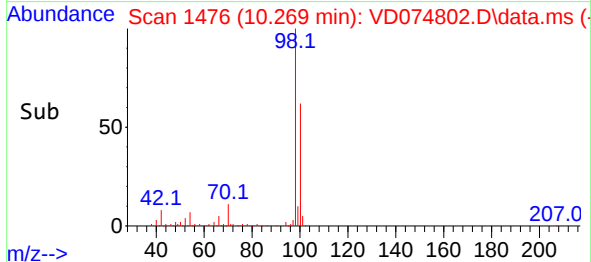
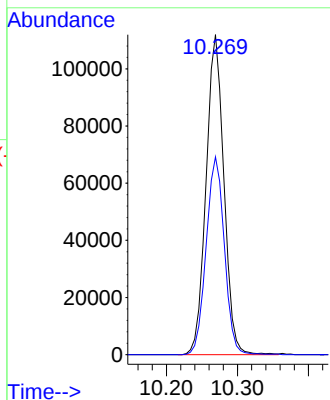
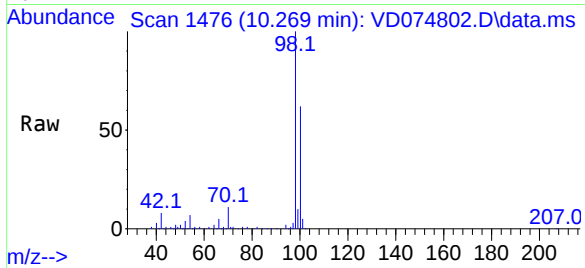




#50
Toluene-d8
Concen: 57.190 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

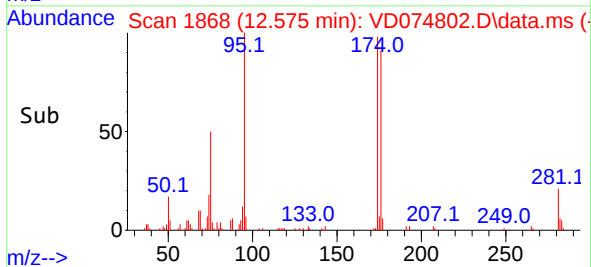
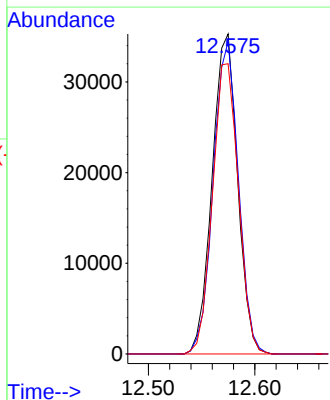
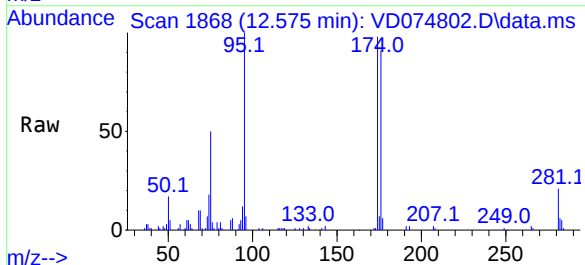
Instrument :
MSVOA_D
ClientSampleId :

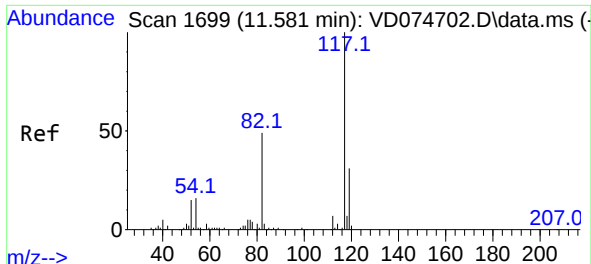
Tgt Ion: 98 Resp: 195599
Ion Ratio Lower Upper
98 100
100 63.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 59.129 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

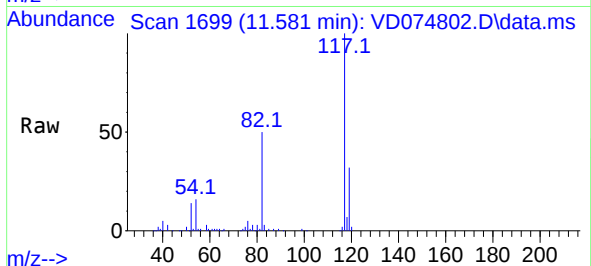
Tgt Ion: 95 Resp: 58390
Ion Ratio Lower Upper
95 100
174 96.7 0.0 197.0
176 92.7 0.0 182.6



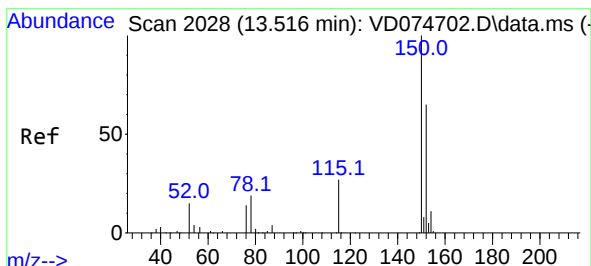
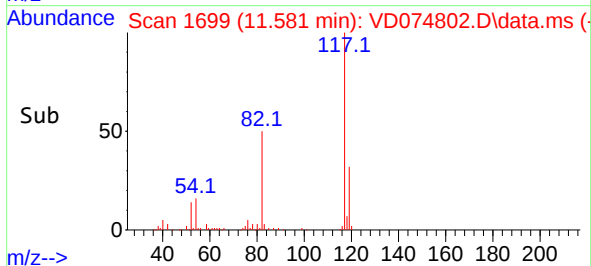
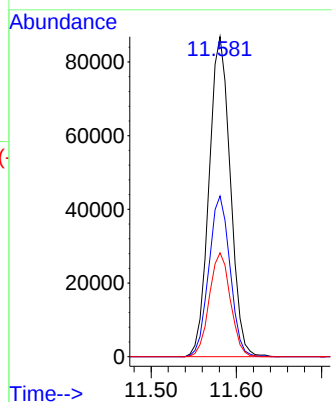


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

Instrument :
MSVOA_D
ClientSampleId :

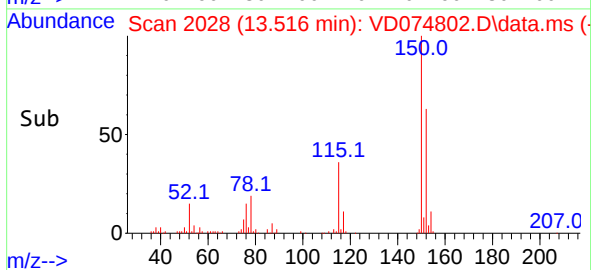
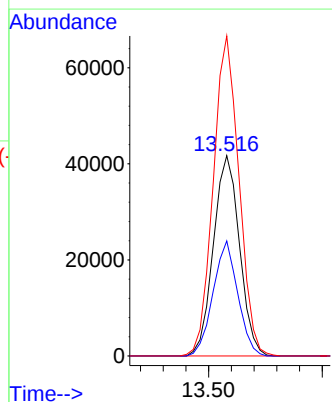
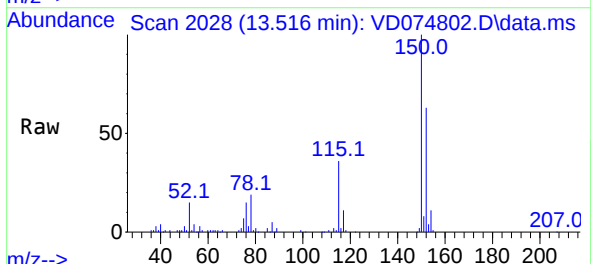


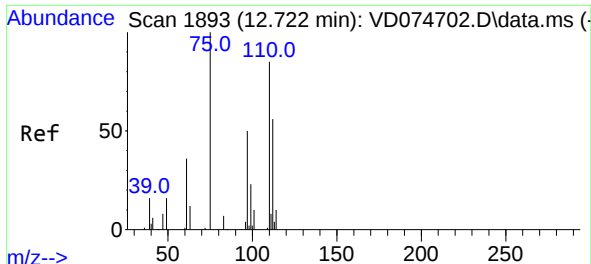
Tgt Ion:117 Resp: 150514
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

Tgt Ion:152 Resp: 66537
Ion Ratio Lower Upper
152 100
115 54.4 26.8 80.4
150 157.5 0.0 348.2

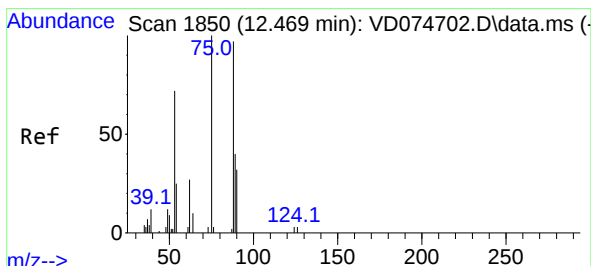
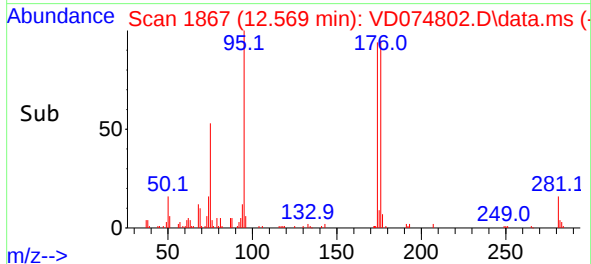
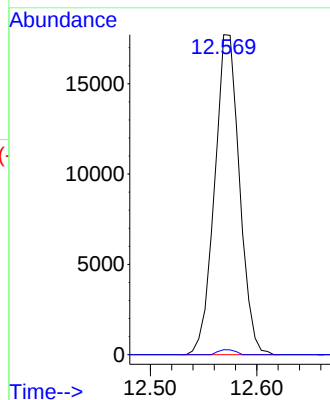
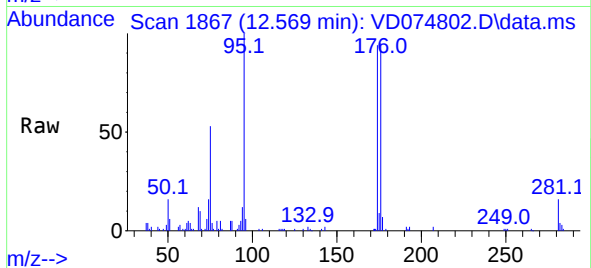




#76
1,2,3-Trichloropropane
Concen: 55.630 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 28694
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.053 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074802.D
Acq: 08 Nov 2022 14:12

Tgt Ion: 75 Resp: 28694
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

