

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074932.D
 Acq On : 14 Nov 2022 14:07
 Operator : VA/SY
 Sample : N5607-05RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-37

Quant Time: Nov 15 00:16:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

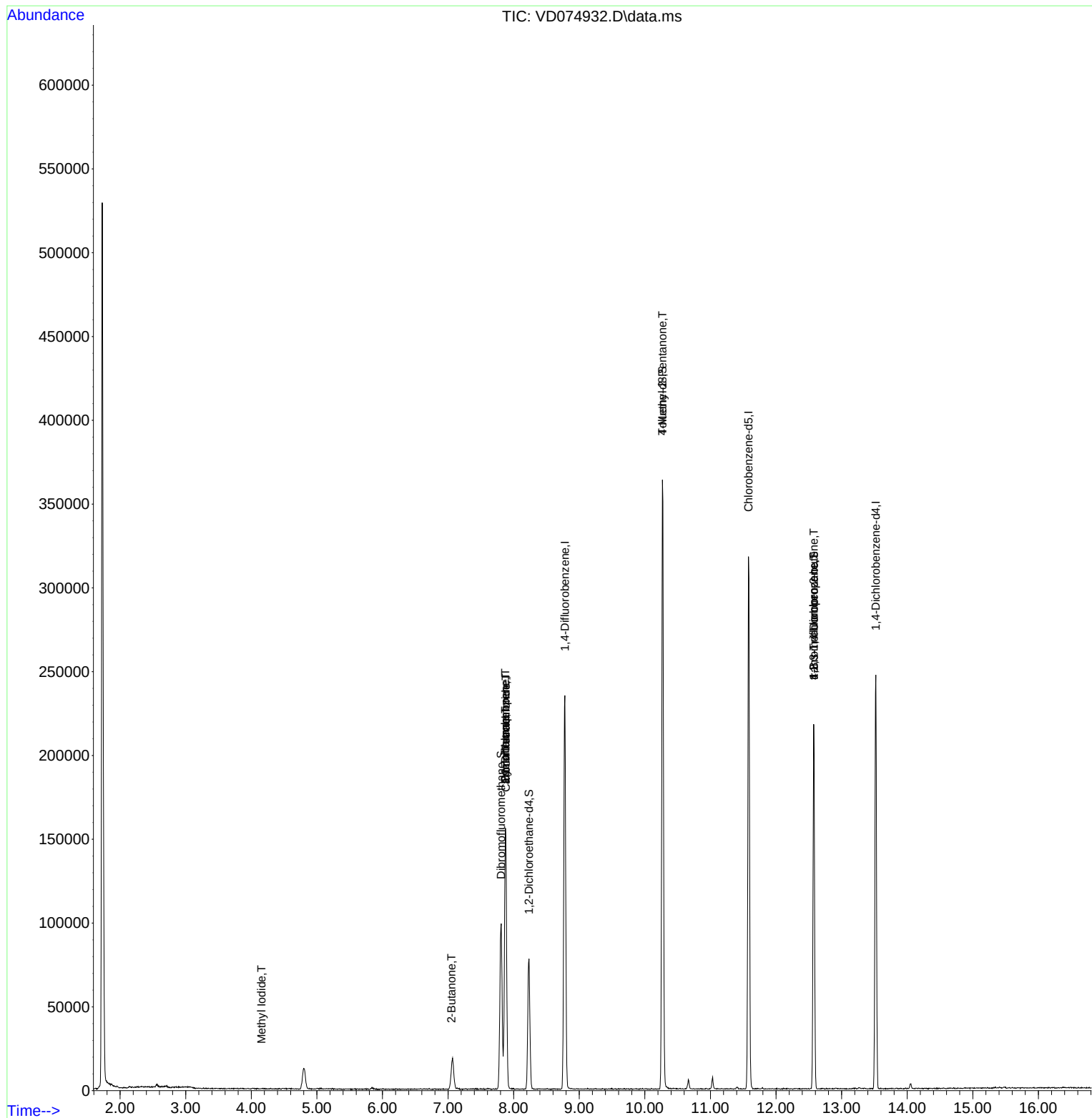
Internal Standards						
1) Pentafluorobenzene	7.875	168	128172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	227112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	72357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61756	75.539	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 151.080%			
35) Dibromofluoromethane	7.810	113	74811	53.437	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.880%			
50) Toluene-d8	10.269	98	264147	57.278	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.560%			
62) 4-Bromofluorobenzene	12.575	95	64380	45.464	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.920%			
Target Compounds						
3) Chloromethane	2.152	50	487	Below Cal	#	37
5) Bromomethane	2.693	94	723	Below Cal	#	77
10) Methyl Iodide	4.158	142	163	4.864	ug/l #	43
11) Tert butyl alcohol	5.063	59	185	Below Cal	#	84
20) Methylene Chloride	4.810	84	11726	Below Cal		91
25) 2-Butanone	7.052	43	646	2.335	ug/l #	42
31) Cyclohexane	7.875	56	2467	1.320	ug/l #	7
36) 1,1-Dichloropropene	7.875	75	9702	4.715	ug/l #	46
38) Carbon Tetrachloride	7.881	117	11761	6.073	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	851	1.468	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	32262	53.308	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	32262	131.140	ug/l #	17

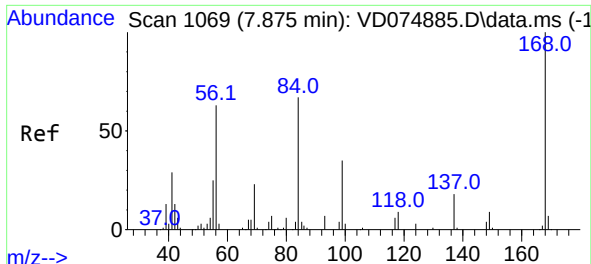
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
Data File : VD074932.D
Acq On : 14 Nov 2022 14:07
Operator : VA/SY
Sample : N5607-05RE
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-37

Quant Time: Nov 15 00:16:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

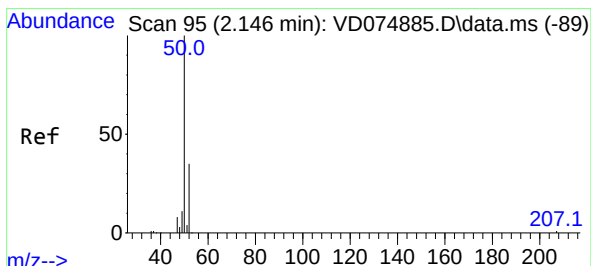
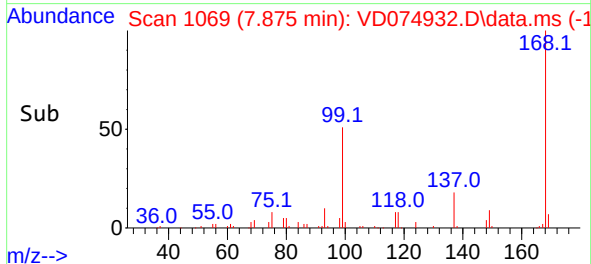
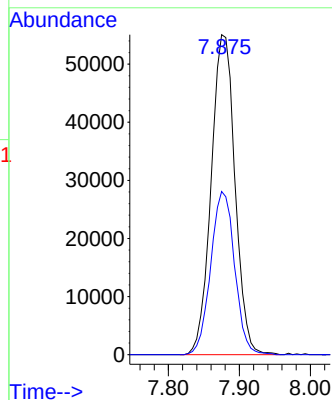
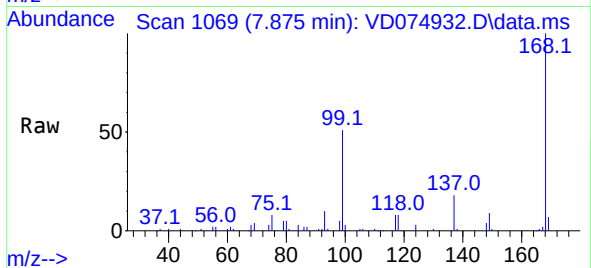




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

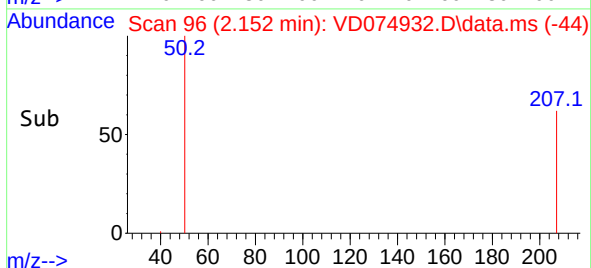
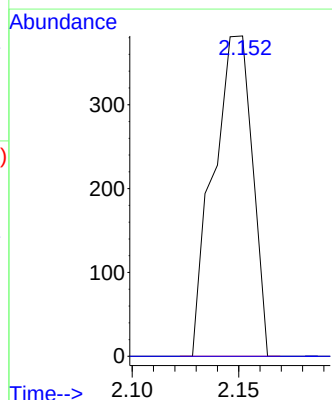
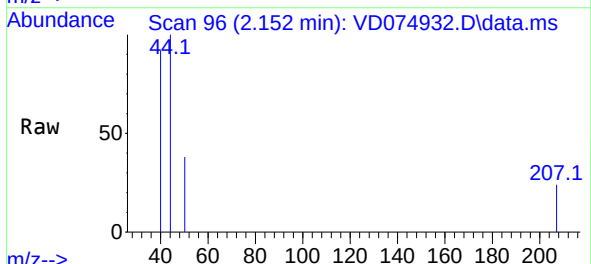
Instrument :
MSVOA_D
ClientSampleId :
SB-37

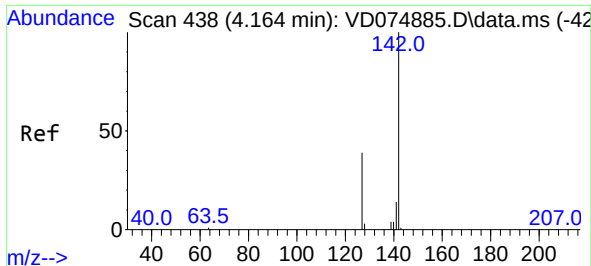
Tgt Ion:168 Resp: 128172
Ion Ratio Lower Upper
168 100
99 51.0 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

Tgt Ion: 50 Resp: 487
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

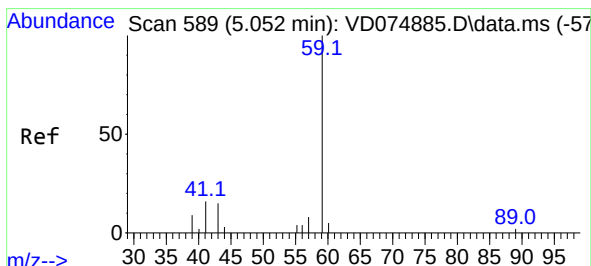
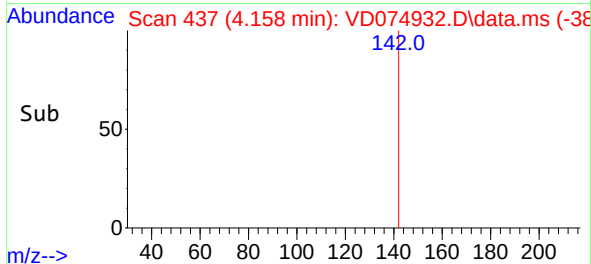
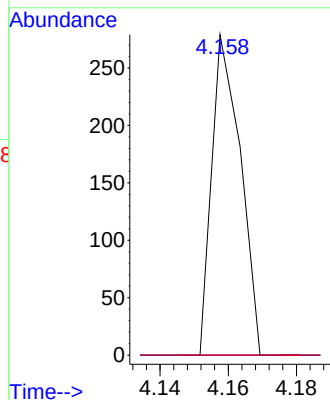
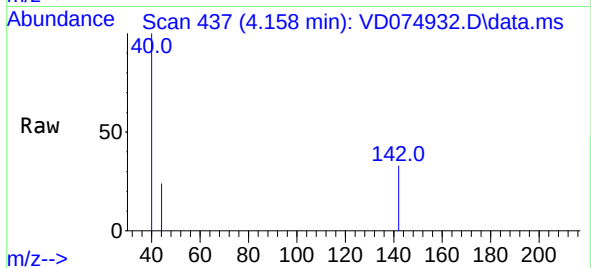




#10
Methyl Iodide
Concen: 4.864 ug/l
RT: 4.158 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

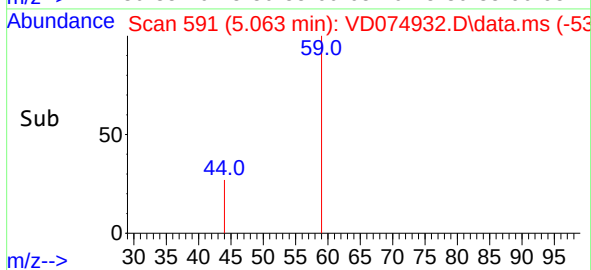
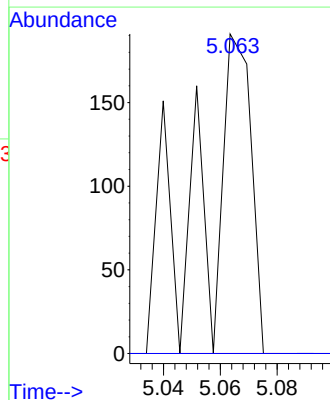
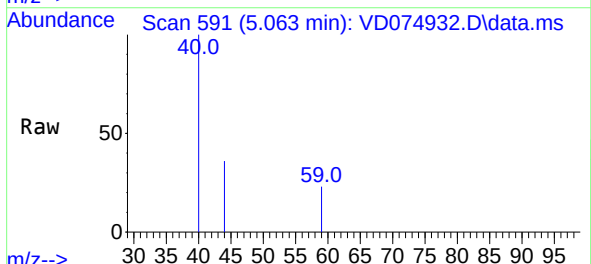
Instrument :
MSVOA_D
ClientSampleId :
SB-37

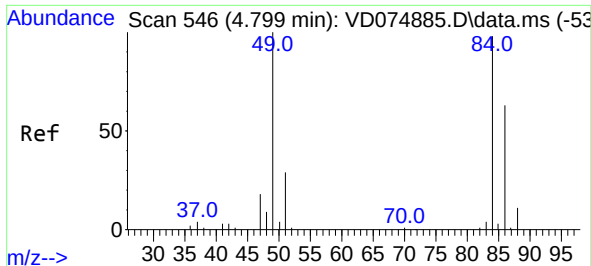
Tgt Ion:142 Resp: 163
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

Tgt Ion: 59 Resp: 185
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



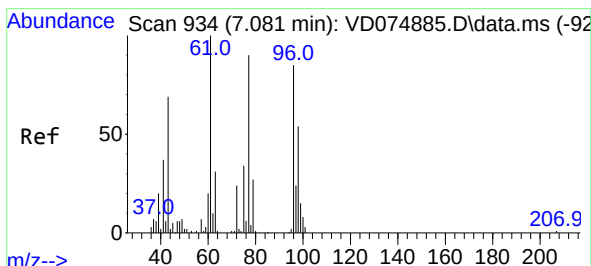
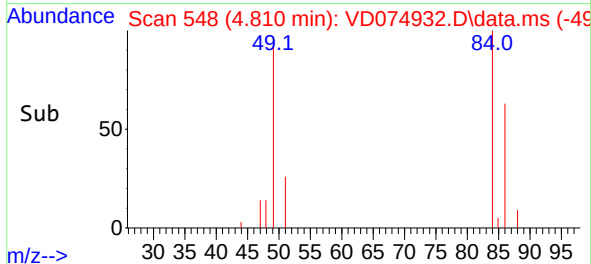
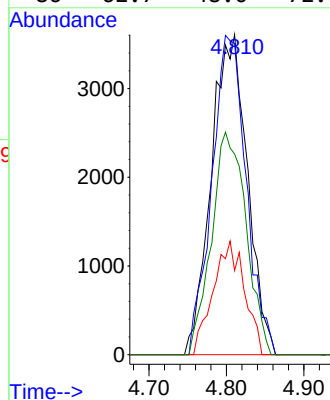
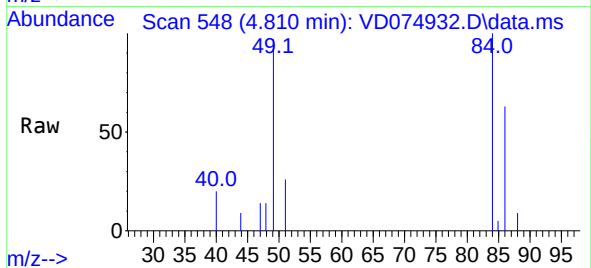


#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 54
Delta R.T. 0.011 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

Instrument :
MSVOA_D
ClientSampleId :
SB-37

Tgt Ion: 84 Resp: 11726

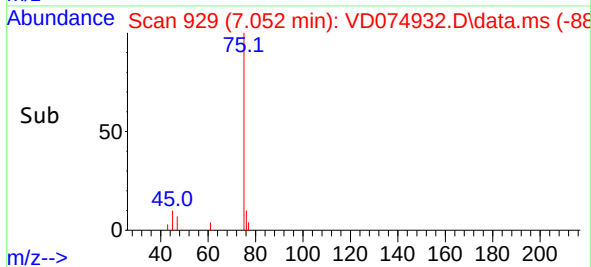
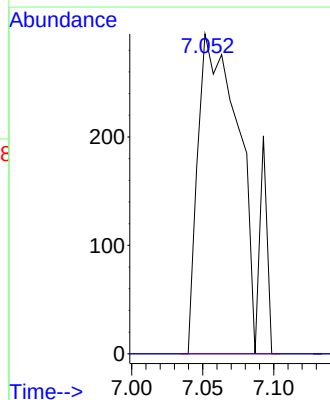
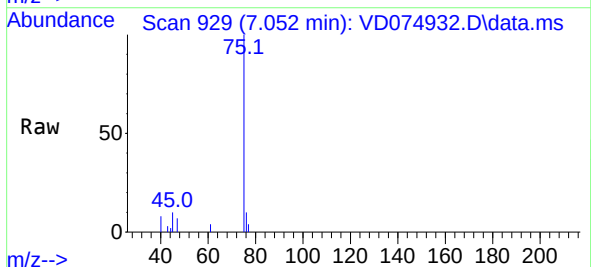
Ion	Ratio	Lower	Upper
84	100		
49	97.2	68.0	102.0
51	26.3	23.2	34.8
86	62.7	48.0	72.0

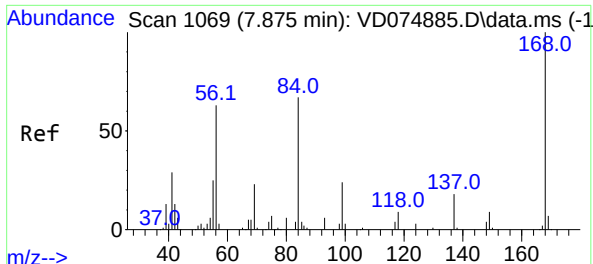


#25
2-Butanone
Concen: 2.335 ug/l
RT: 7.052 min Scan# 929
Delta R.T. -0.029 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

Tgt Ion: 43 Resp: 646

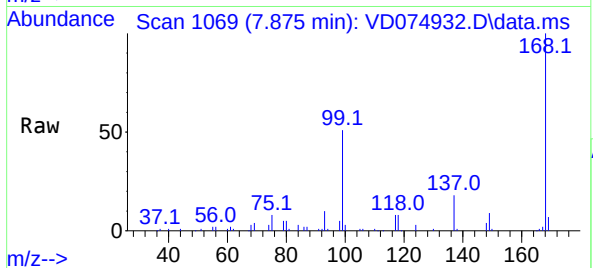
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8



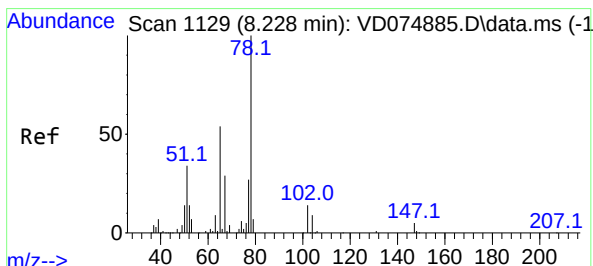
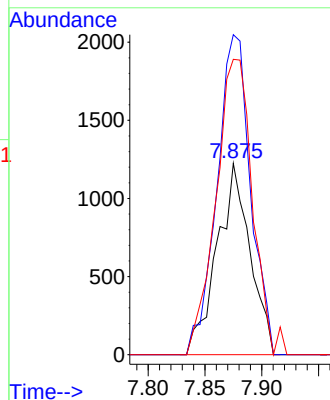
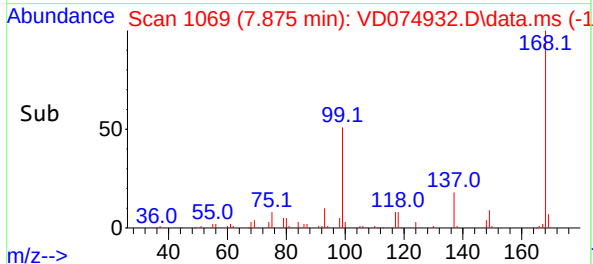


#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

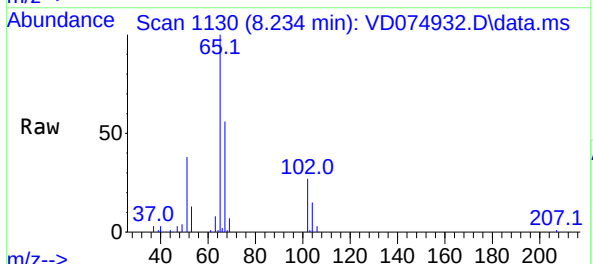
Instrument :
MSVOA_D
ClientSampleId :
SB-37



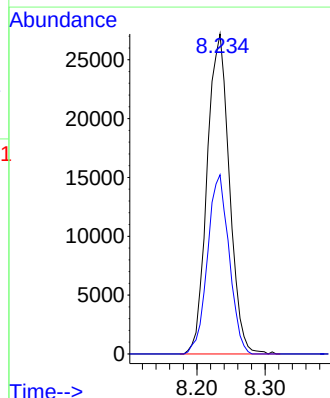
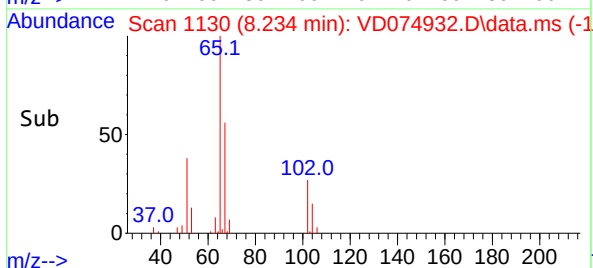
Tgt Ion: 56 Resp: 2467
Ion Ratio Lower Upper
56 100
69 167.2 29.2 43.8#
84 154.3 83.4 125.2#

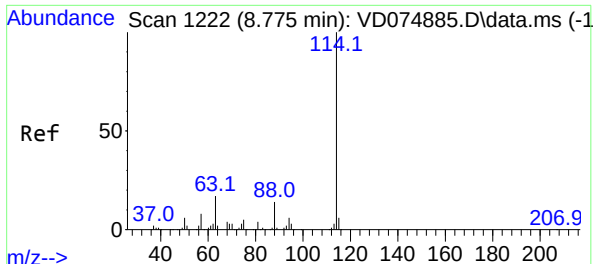


#33
1,2-Dichloroethane-d4
Concen: 75.539 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07



Tgt Ion: 65 Resp: 61756
Ion Ratio Lower Upper
65 100
67 54.3 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: VD074932.D

Acq: 14 Nov 2022 14:07

Instrument :

MSVOA_D

ClientSampleId :

SB-37

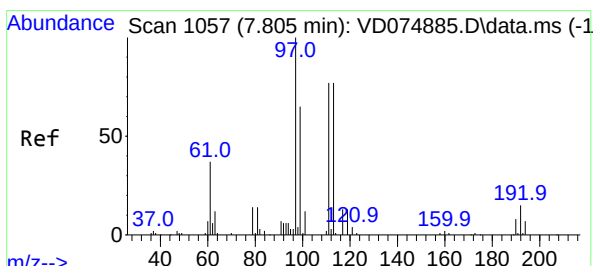
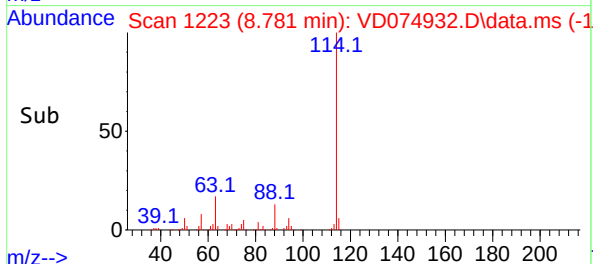
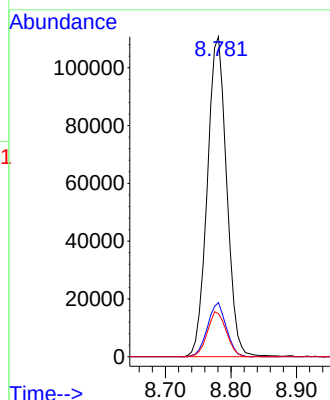
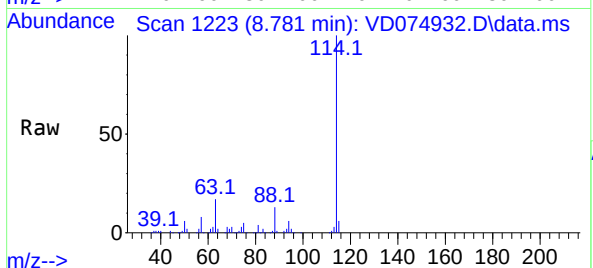
Tgt Ion:114 Resp: 227112

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.2

88 13.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 53.437 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074932.D

Acq: 14 Nov 2022 14:07

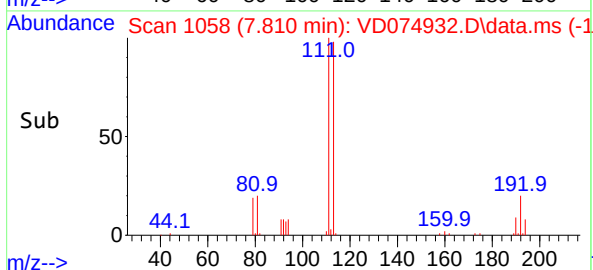
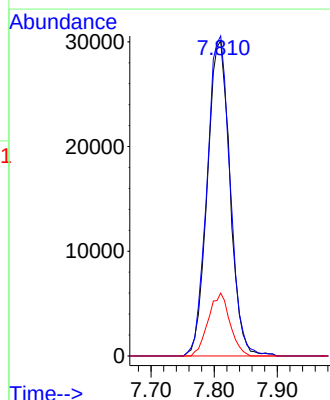
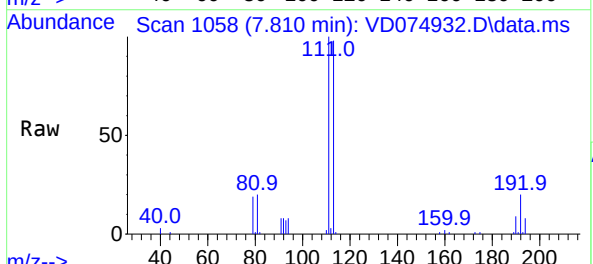
Tgt Ion:113 Resp: 74811

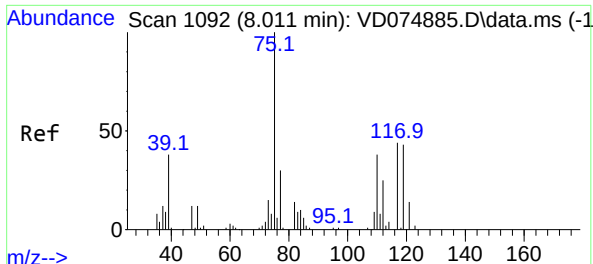
Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 19.1 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.715 ug/l

RT: 7.875 min Scan# 1070

Delta R.T. -0.136 min

Lab File: VD074932.D

Acq: 14 Nov 2022 14:07

Instrument :

MSVOA_D

ClientSampleId :

SB-37

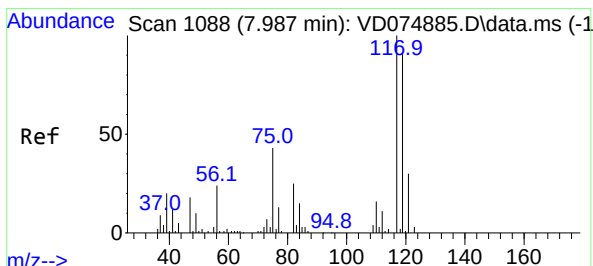
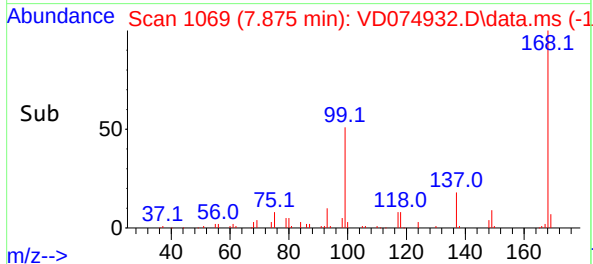
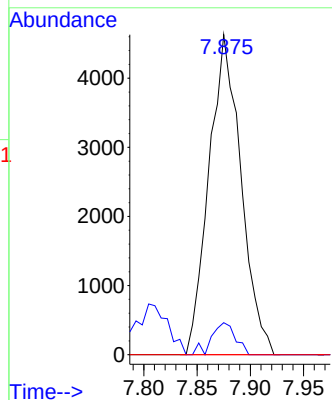
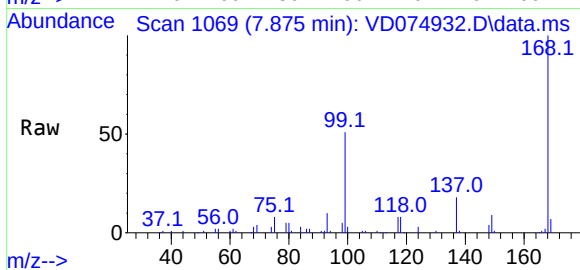
Tgt Ion: 75 Resp: 9702

Ion Ratio Lower Upper

75 100

110 7.4 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.073 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD074932.D

Acq: 14 Nov 2022 14:07

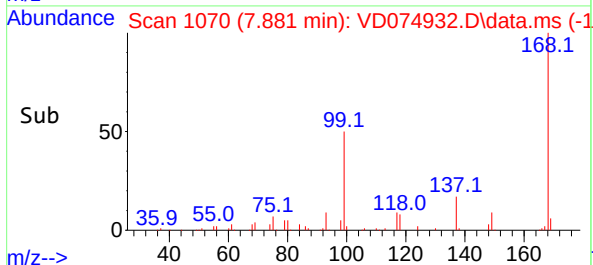
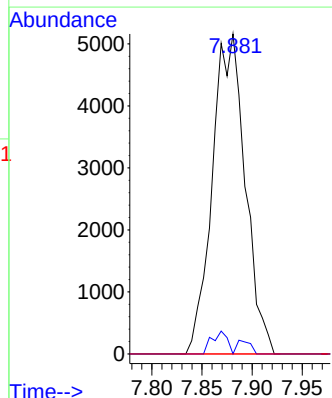
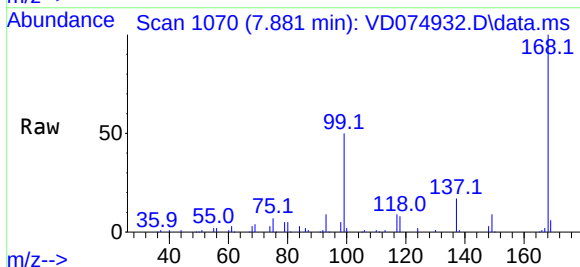
Tgt Ion: 117 Resp: 11761

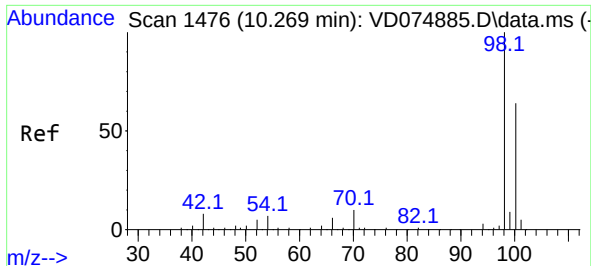
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

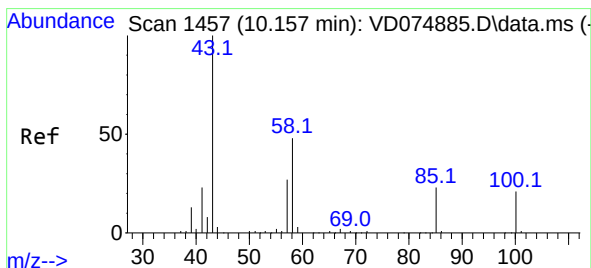
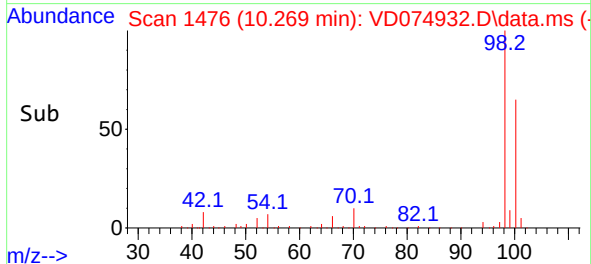
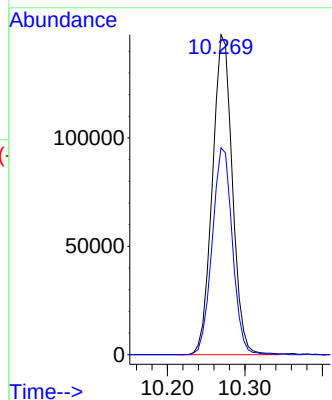
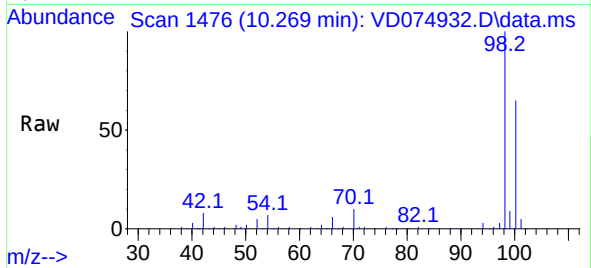




#50
Toluene-d8
Concen: 57.278 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

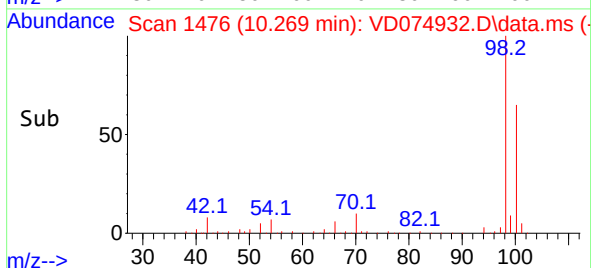
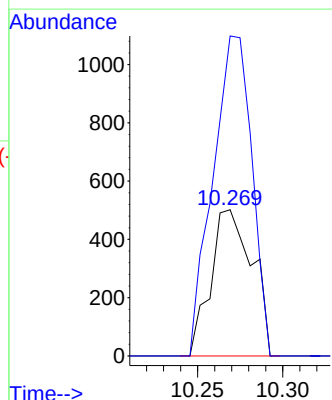
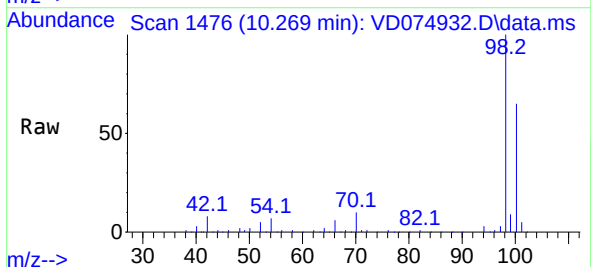
Instrument :
MSVOA_D
ClientSampleId :
SB-37

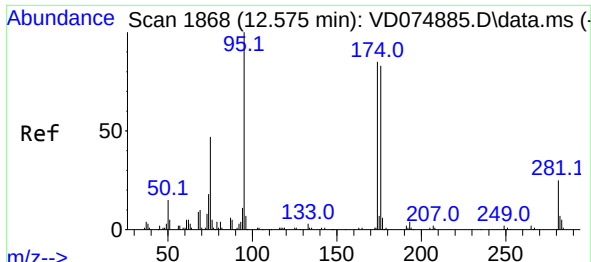
Tgt Ion: 98 Resp: 264147
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.468 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 205.8 37.8 56.6#

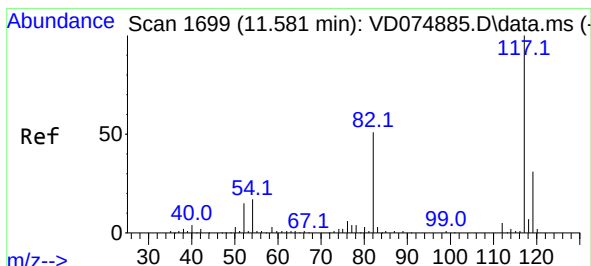
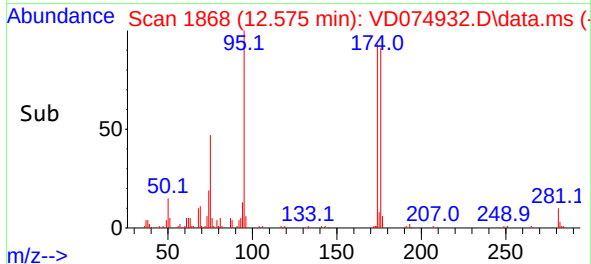
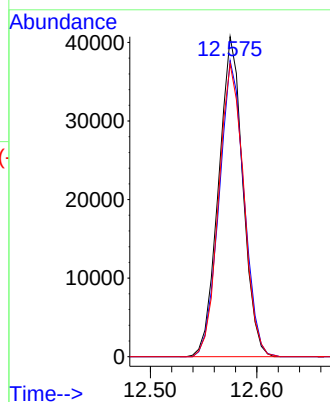
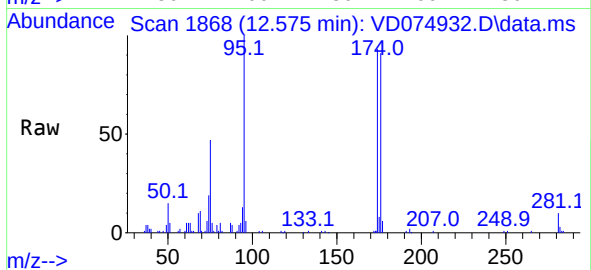




#62
4-Bromofluorobenzene
Concen: 45.464 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

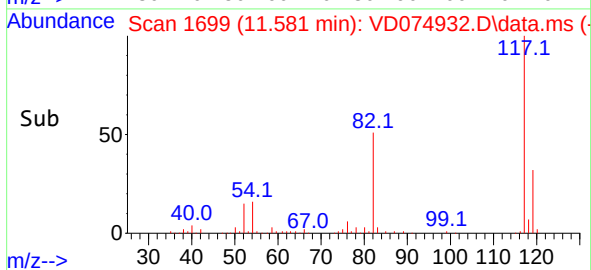
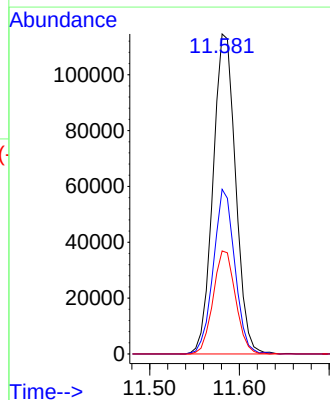
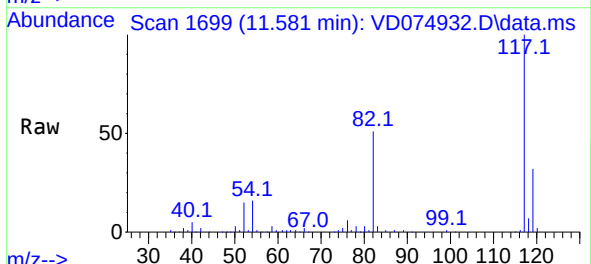
Instrument :
MSVOA_D
ClientSampleId :
SB-37

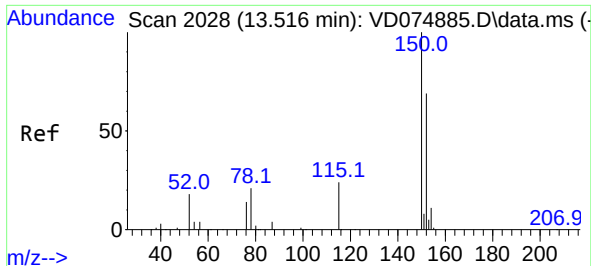
Tgt Ion: 95 Resp: 64380
Ion Ratio Lower Upper
95 100
174 94.3 0.0 197.0
176 93.9 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

Tgt Ion: 117 Resp: 200330
Ion Ratio Lower Upper
117 100
82 51.5 41.6 62.4
119 32.2 25.2 37.8

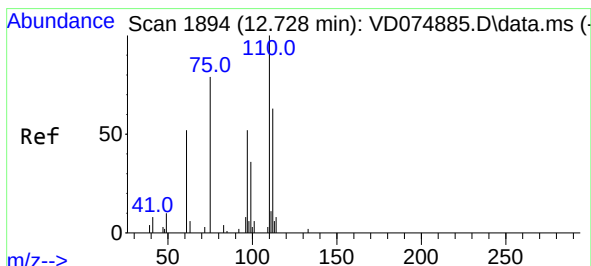
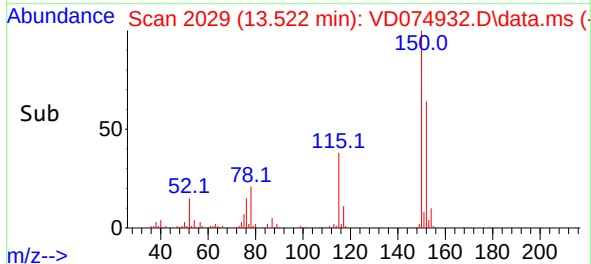
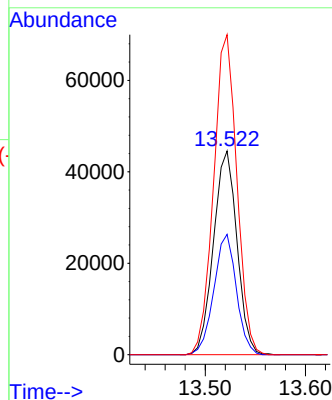
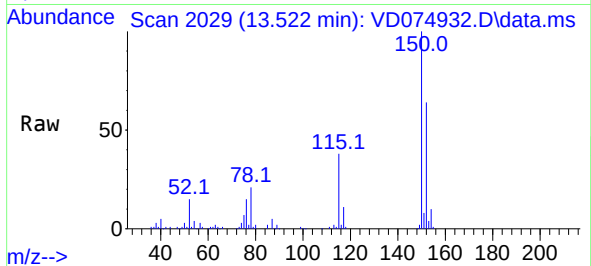




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

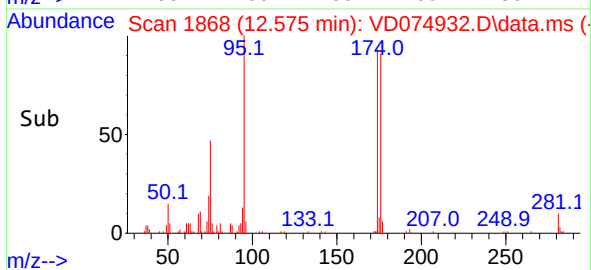
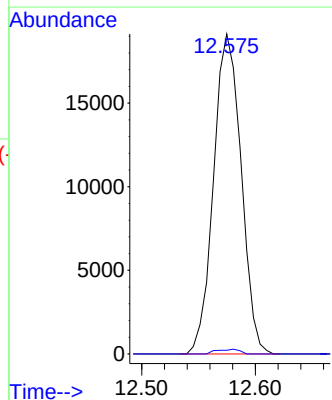
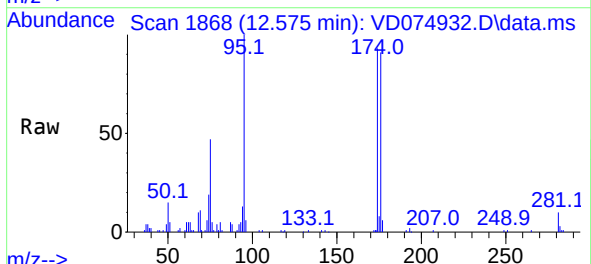
Instrument :
MSVOA_D
ClientSampleId :
SB-37

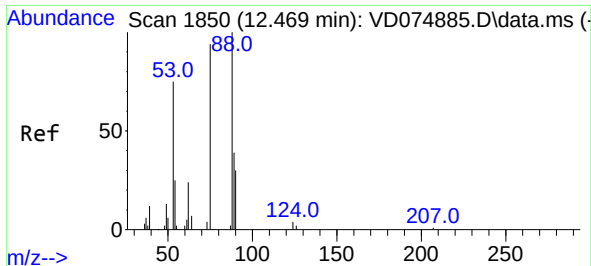
Tgt Ion:152 Resp: 72357
Ion Ratio Lower Upper
152 100
115 56.8 26.8 80.4
150 155.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 53.308 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074932.D
Acq: 14 Nov 2022 14:07

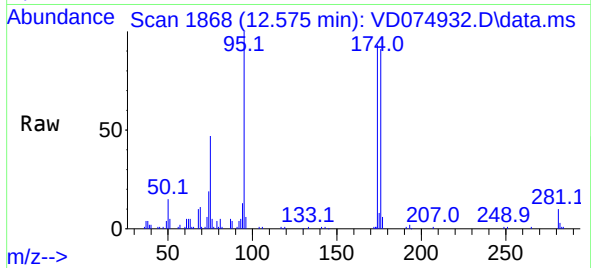
Tgt Ion: 75 Resp: 32262
Ion Ratio Lower Upper
75 100
77 1.2 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.140 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074932.D
 Acq: 14 Nov 2022 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-37



Tgt Ion: 75 Resp: 32262

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

