

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074933.D
 Acq On : 14 Nov 2022 14:34
 Operator : VA/SY
 Sample : N5607-07
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-38RE

Quant Time: Nov 15 00:16:37 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)

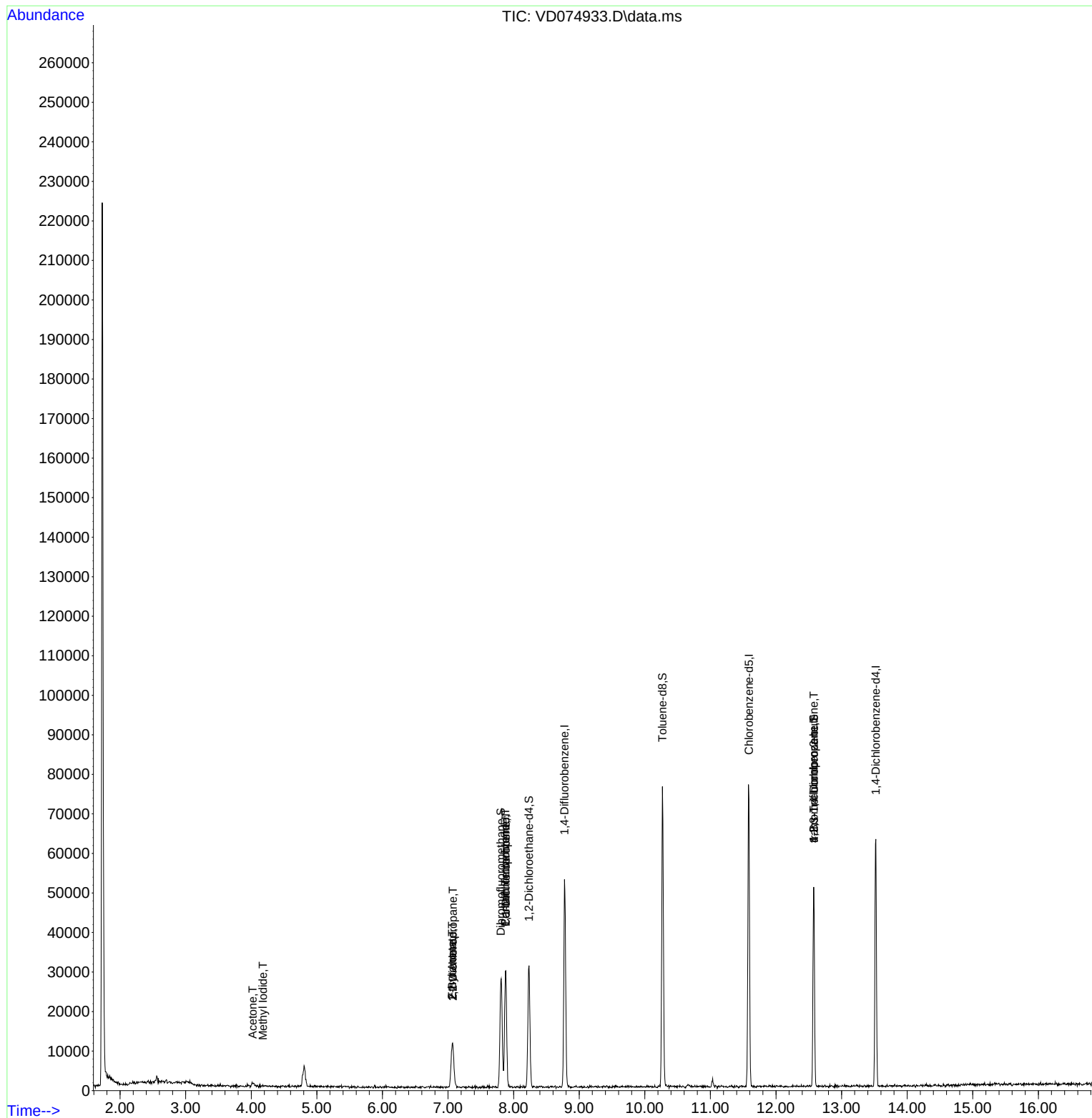
Internal Standards						
1) Pentafluorobenzene	7.875	168	25924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	50567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	49452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	18795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	24204	152.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 305.360%#	
35) Dibromofluoromethane	7.805	113	21357	68.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.040%	
50) Toluene-d8	10.269	98	55452	54.005	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.020%	
62) 4-Bromofluorobenzene	12.575	95	16726	53.049	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	238	Below Cal	#	37
10) Methyl Iodide	4.175	142	54	4.924	ug/l #	43
16) Acetone	4.022	43	1592	37.200	ug/l	98
20) Methylene Chloride	4.805	84	4285	Below Cal	#	87
25) 2-Butanone	7.063	43	371	6.629	ug/l #	42
26) 2,2-Dichloropropane	7.075	77	822	1.908	ug/l #	50
36) 1,1-Dichloropropene	7.881	75	1807	3.944	ug/l #	39
37) Ethyl Acetate	7.063	43	371	2.413	ug/l #	1
38) Carbon Tetrachloride	7.875	117	2092	4.851	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	8136	51.755	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	8136	127.319	ug/l #	17

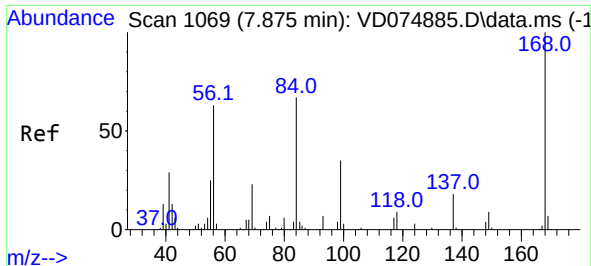
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 14 Nov 2022 14:34
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Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-38RE

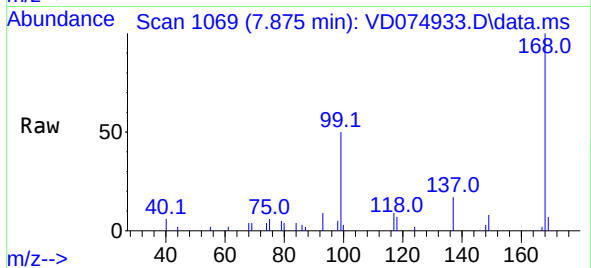
Quant Time: Nov 15 00:16:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
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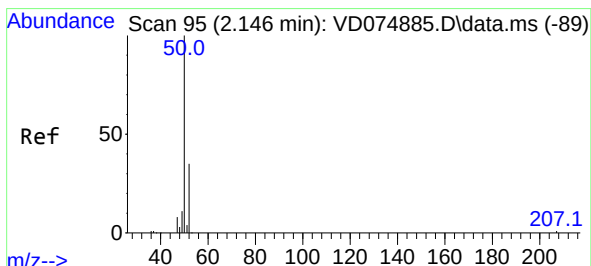
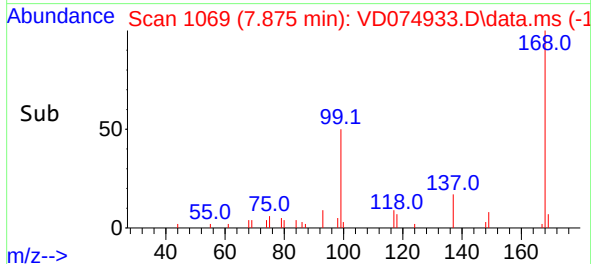
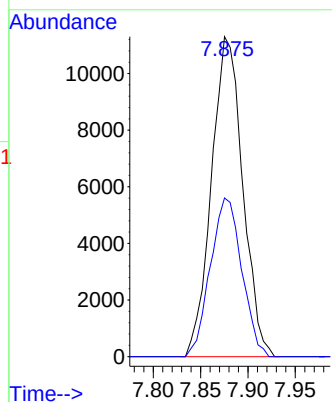


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

Instrument :
MSVOA_D
ClientSampleId :
SB-38RE

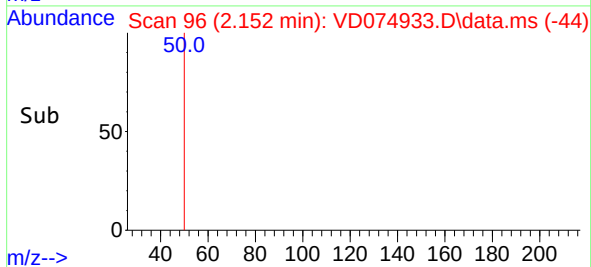
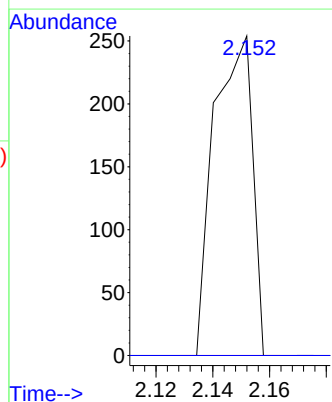
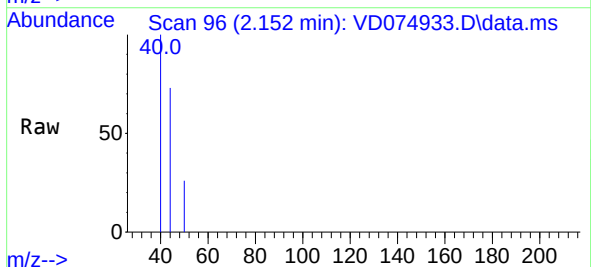


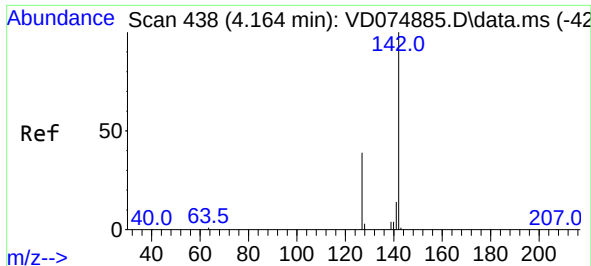
Tgt Ion:168 Resp: 25924
Ion Ratio Lower Upper
168 100
99 49.6 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

Tgt Ion: 50 Resp: 238
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

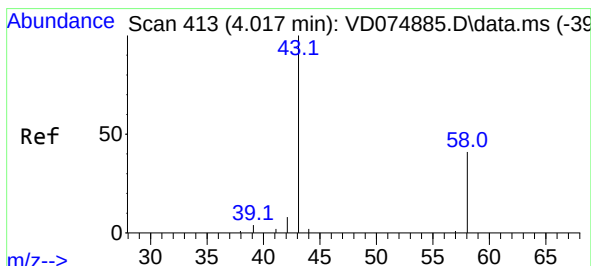
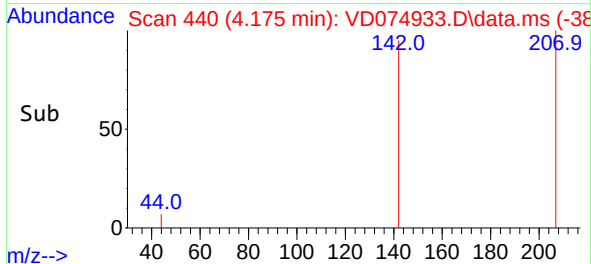
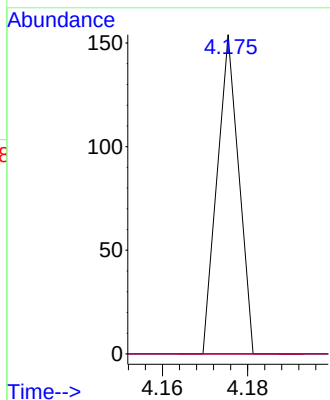
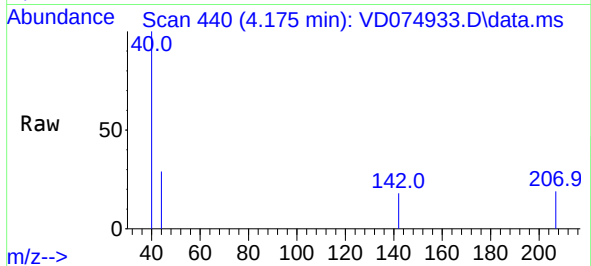




#10
Methyl Iodide
Concen: 4.924 ug/l
RT: 4.175 min Scan# 44
Delta R.T. 0.011 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

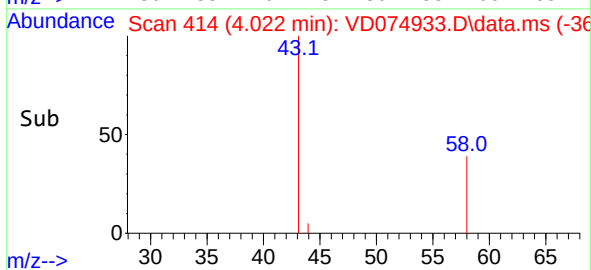
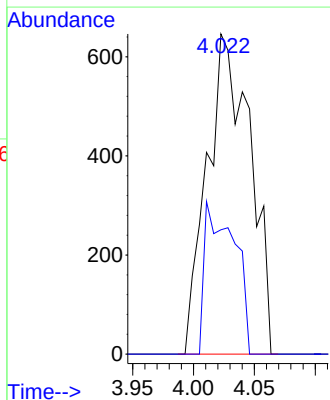
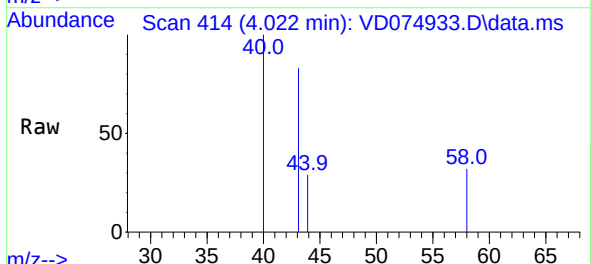
Instrument :
MSVOA_D
ClientSampleId :
SB-38RE

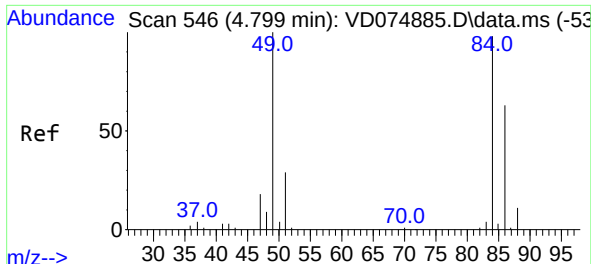
Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 37.200 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
58 38.9 30.2 45.2



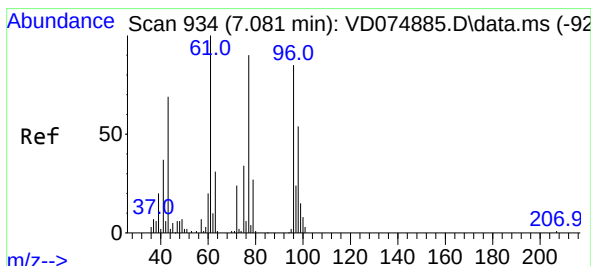
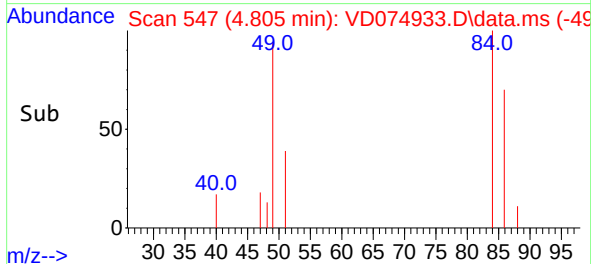
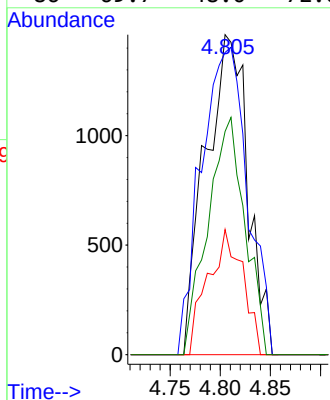
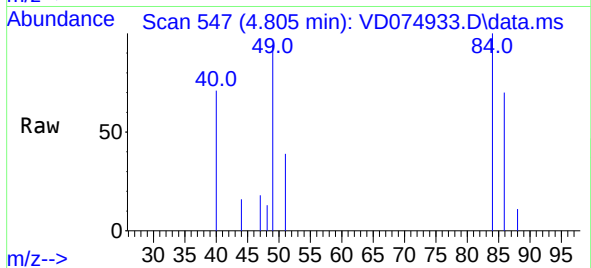


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

Instrument :
MSVOA_D
ClientSampleId :
SB-38RE

Tgt Ion: 84 Resp: 4285

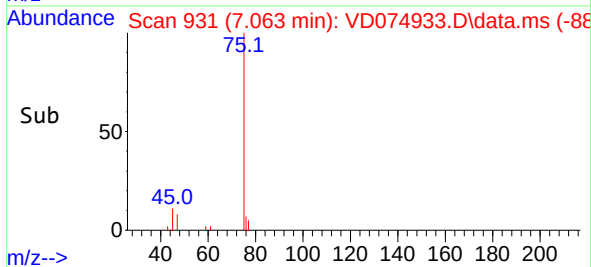
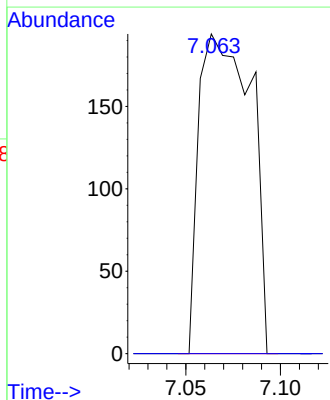
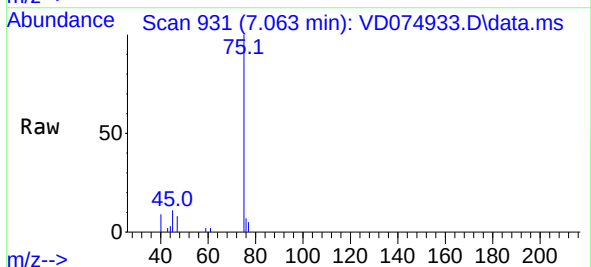
Ion	Ratio	Lower	Upper
84	100		
49	94.5	68.0	102.0
51	39.1	23.2	34.8
86	69.7	48.0	72.0

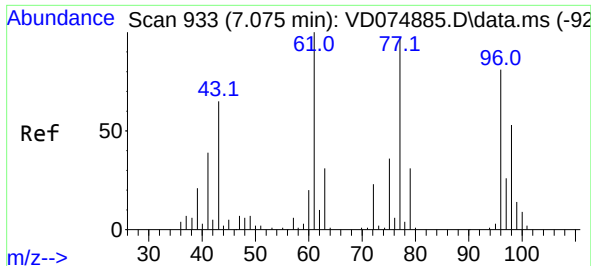


#25
2-Butanone
Concen: 6.629 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

Tgt Ion: 43 Resp: 371

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8

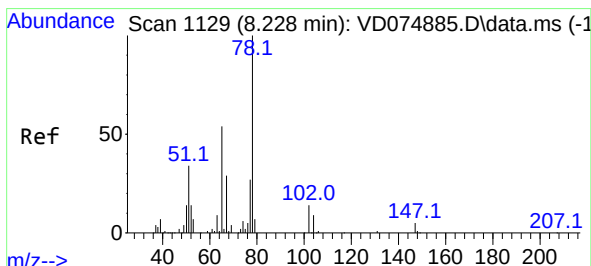
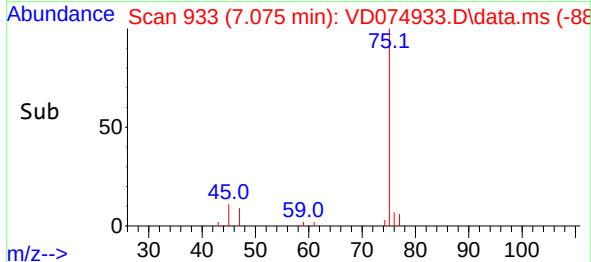
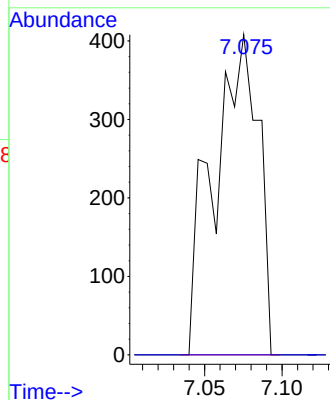
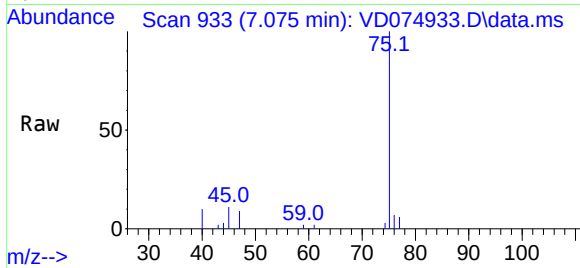




#26
2,2-Dichloropropane
Concen: 1.908 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

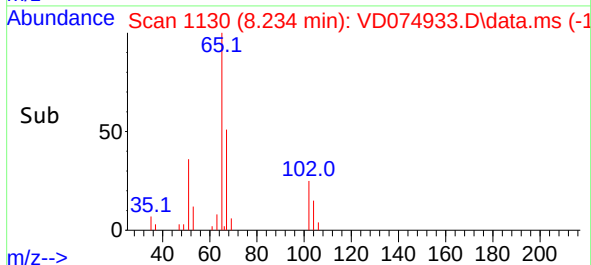
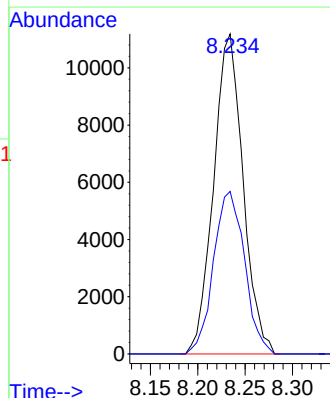
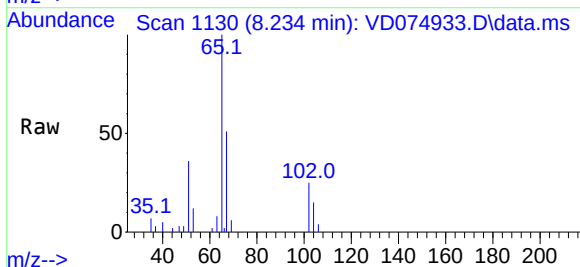
Instrument :
MSVOA_D
ClientSampleId :
SB-38RE

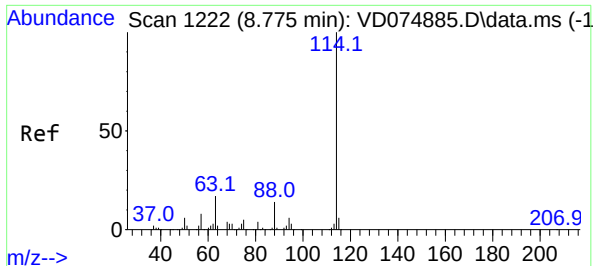
Tgt Ion: 77 Resp: 822
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#33
1,2-Dichloroethane-d4
Concen: 152.679 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

Tgt Ion: 65 Resp: 24204
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074933.D

Acq: 14 Nov 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

SB-38RE

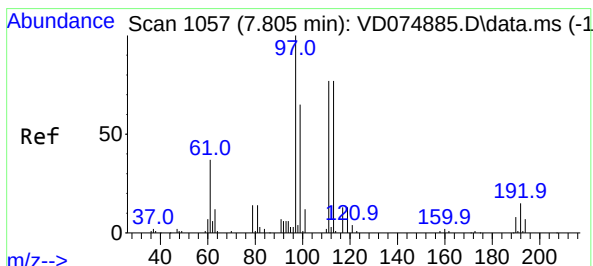
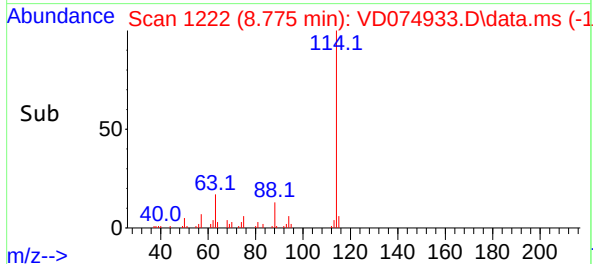
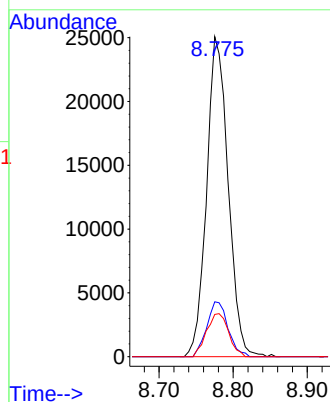
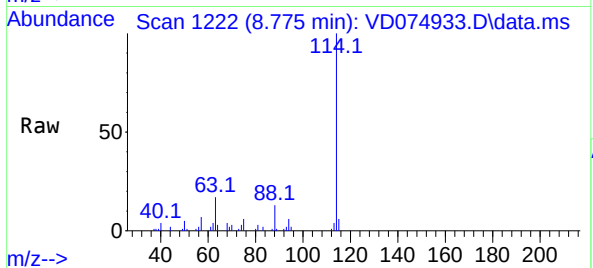
Tgt Ion:114 Resp: 50567

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 68.516 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074933.D

Acq: 14 Nov 2022 14:34

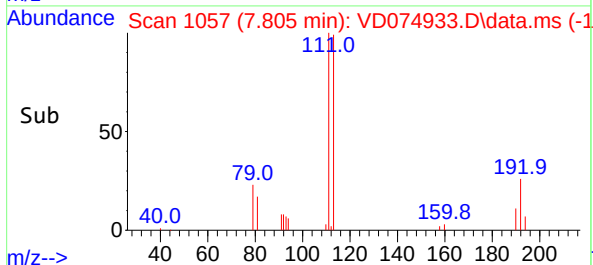
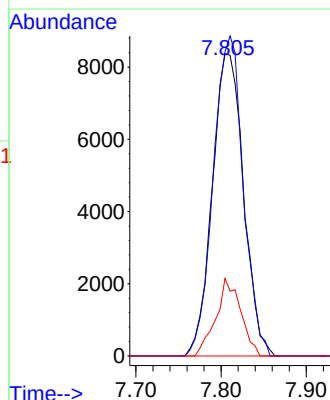
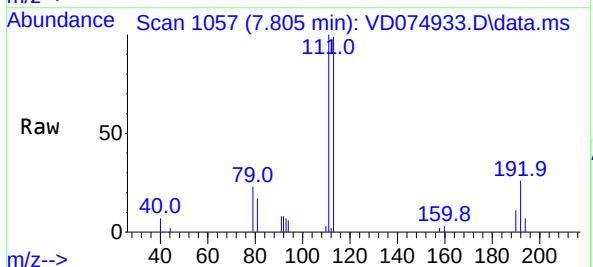
Tgt Ion:113 Resp: 21357

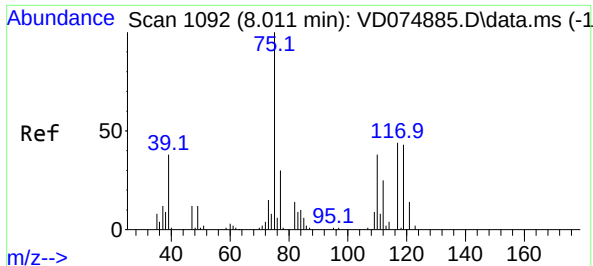
Ion Ratio Lower Upper

113 100

111 101.2 82.3 123.5

192 20.3 16.4 24.6





#36

1,1-Dichloropropene

Concen: 3.944 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.130 min

Lab File: VD074933.D

Acq: 14 Nov 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

SB-38RE

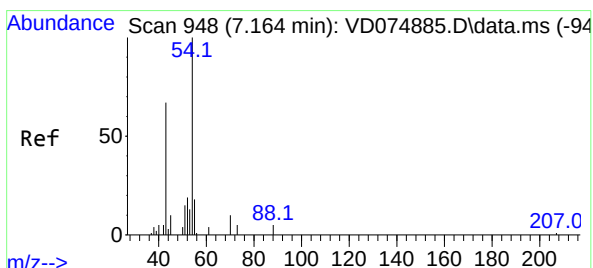
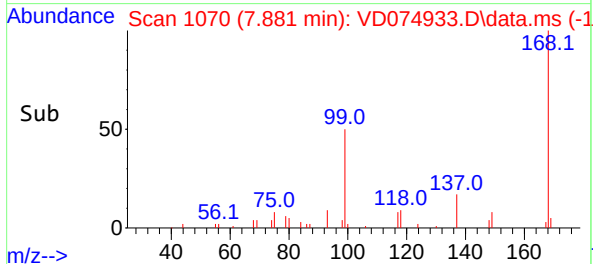
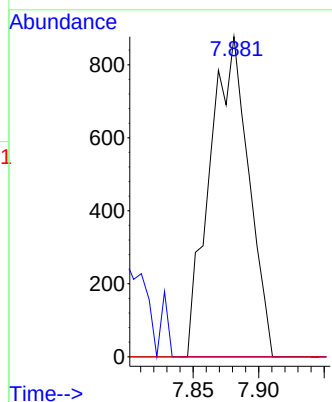
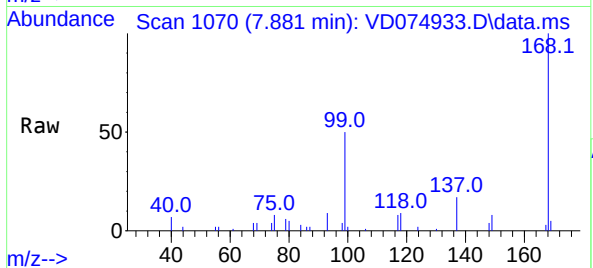
Tgt Ion: 75 Resp: 1807

Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 2.413 ug/l

RT: 7.063 min Scan# 931

Delta R.T. -0.101 min

Lab File: VD074933.D

Acq: 14 Nov 2022 14:34

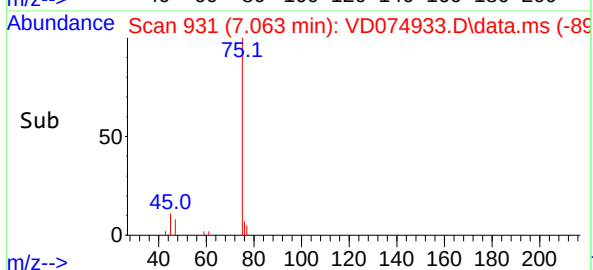
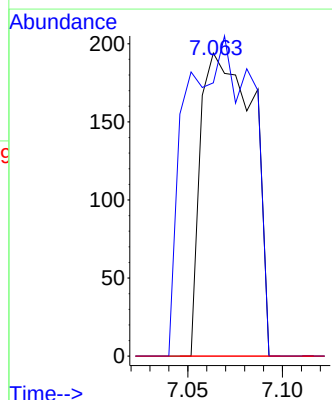
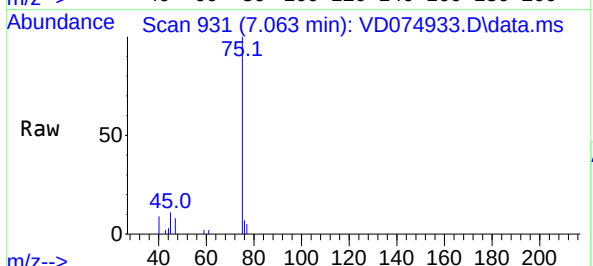
Tgt Ion: 43 Resp: 371

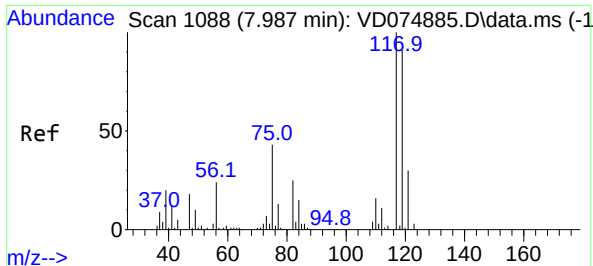
Ion Ratio Lower Upper

43 100

61 133.7 12.2 18.4#

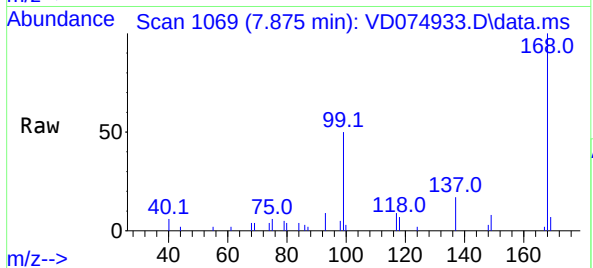
70 0.0 9.6 14.4#



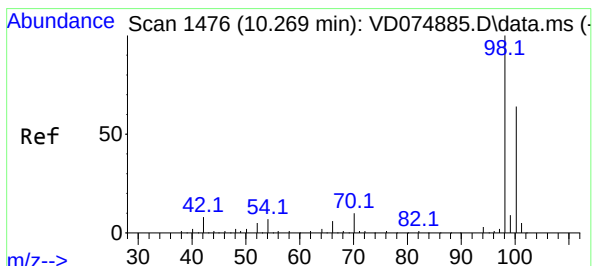
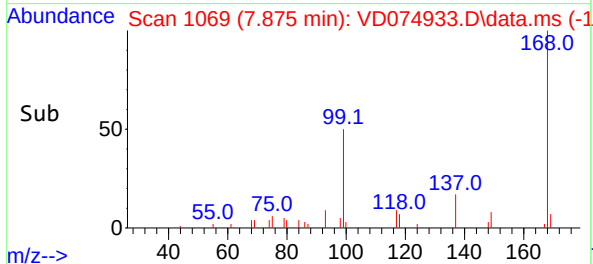
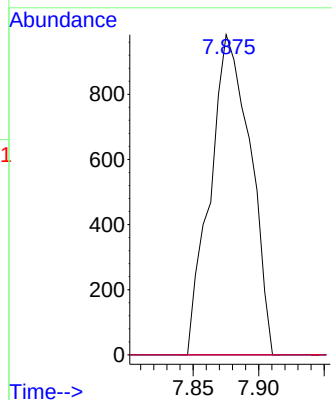


#38
Carbon Tetrachloride
Concen: 4.851 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

Instrument :
MSVOA_D
ClientSampleId :
SB-38RE

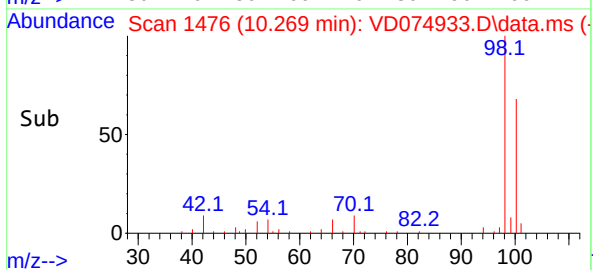
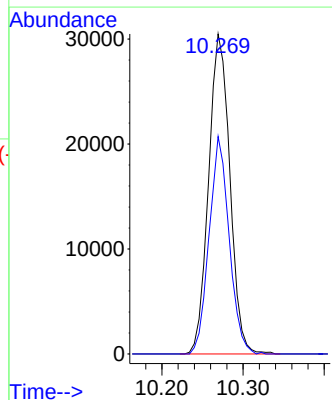
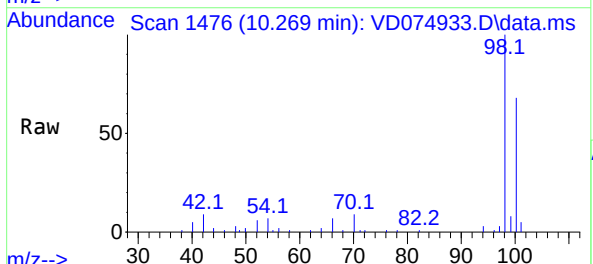


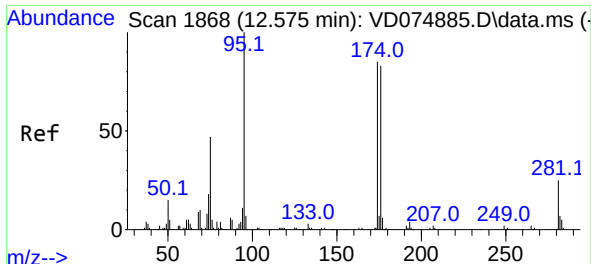
Tgt Ion:117 Resp: 2092
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 54.005 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

Tgt Ion: 98 Resp: 55452
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0

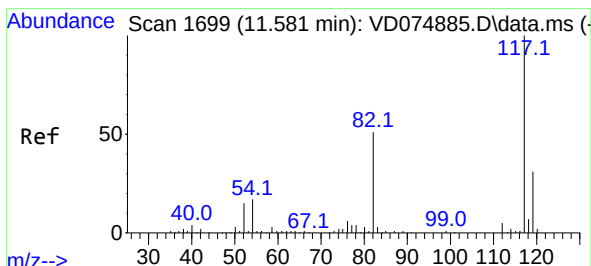
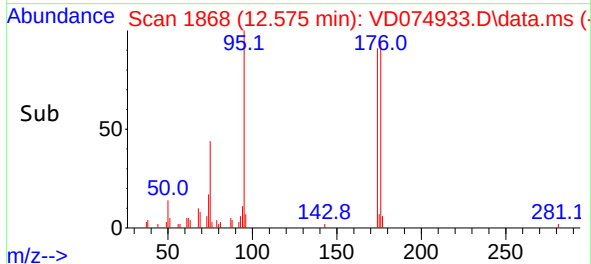
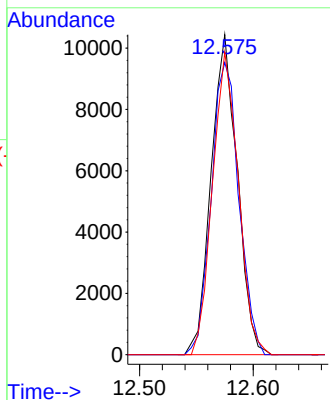
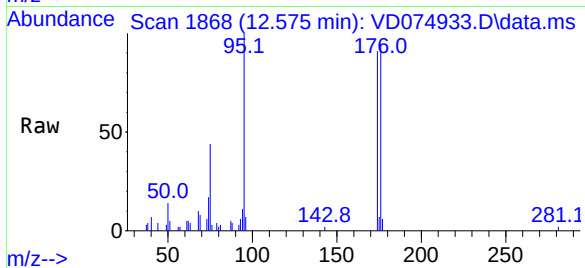




#62
4-Bromofluorobenzene
Concen: 53.049 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

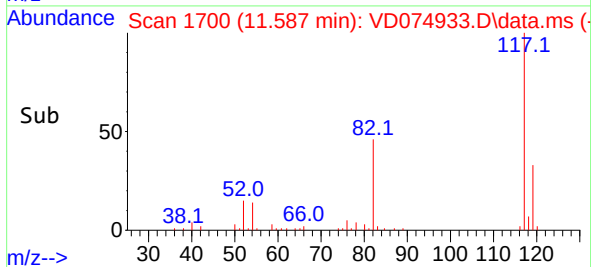
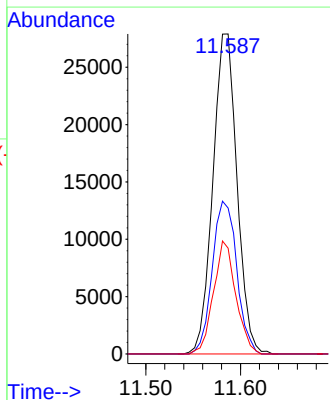
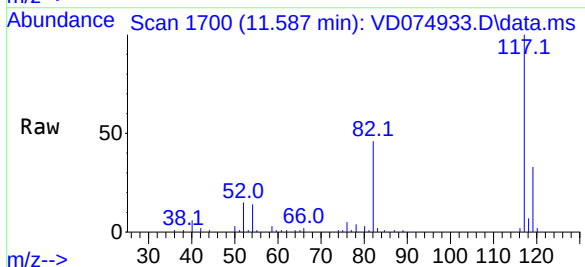
Instrument :
MSVOA_D
ClientSampleId :
SB-38RE

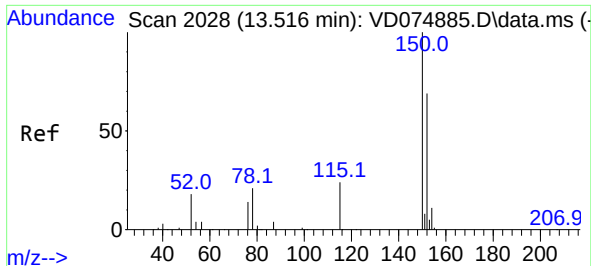
Tgt Ion: 95 Resp: 16726
Ion Ratio Lower Upper
95 100
174 96.5 0.0 197.0
176 93.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

Tgt Ion: 117 Resp: 49452
Ion Ratio Lower Upper
117 100
82 45.6 41.6 62.4
119 33.0 25.2 37.8

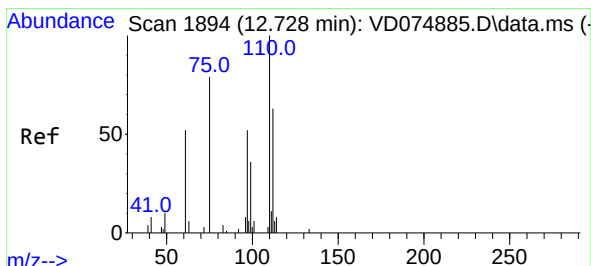
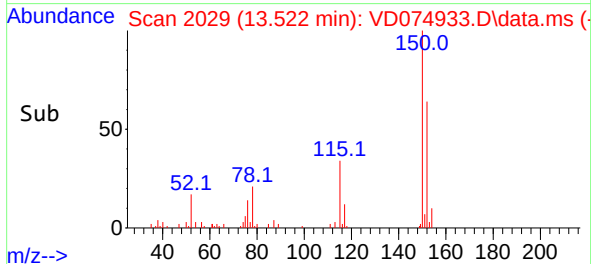
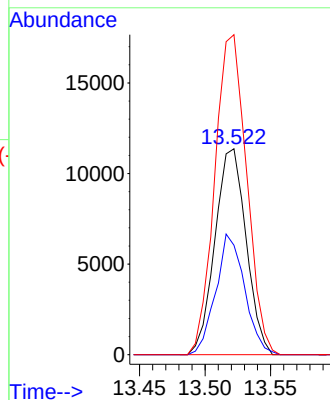
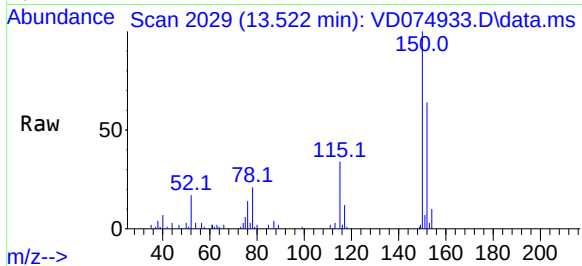




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: VD074933.D
 Acq: 14 Nov 2022 14:34

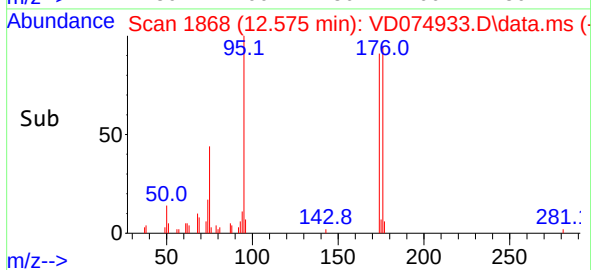
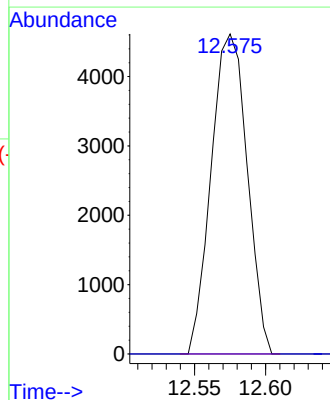
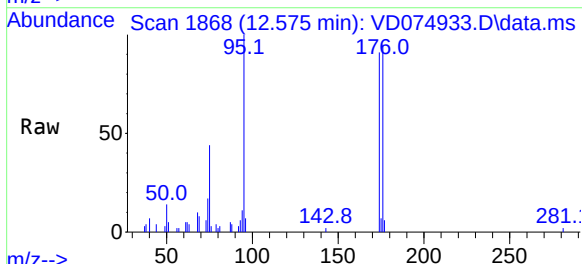
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-38RE

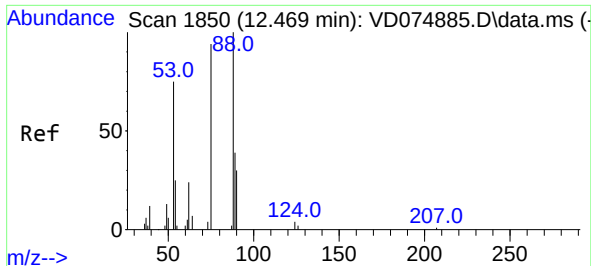
Tgt Ion:152 Resp: 18795
 Ion Ratio Lower Upper
 152 100
 115 54.2 26.8 80.4
 150 158.9 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 51.755 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD074933.D
 Acq: 14 Nov 2022 14:34

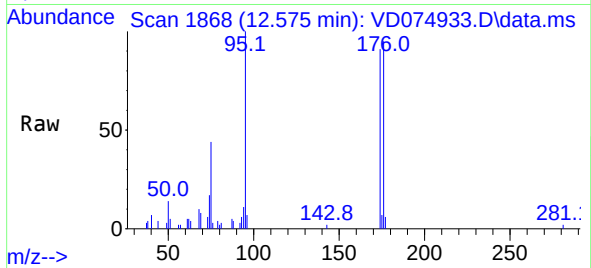
Tgt Ion: 75 Resp: 8136
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.319 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074933.D
 Acq: 14 Nov 2022 14:34

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-38RE



Tgt Ion:	75	Resp:	8136
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

