

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074468.D
 Acq On : 06 Oct 2022 16:08
 Operator : VA/SY
 Sample : N5014-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-0-2.0

Quant Time: Oct 07 01:26:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

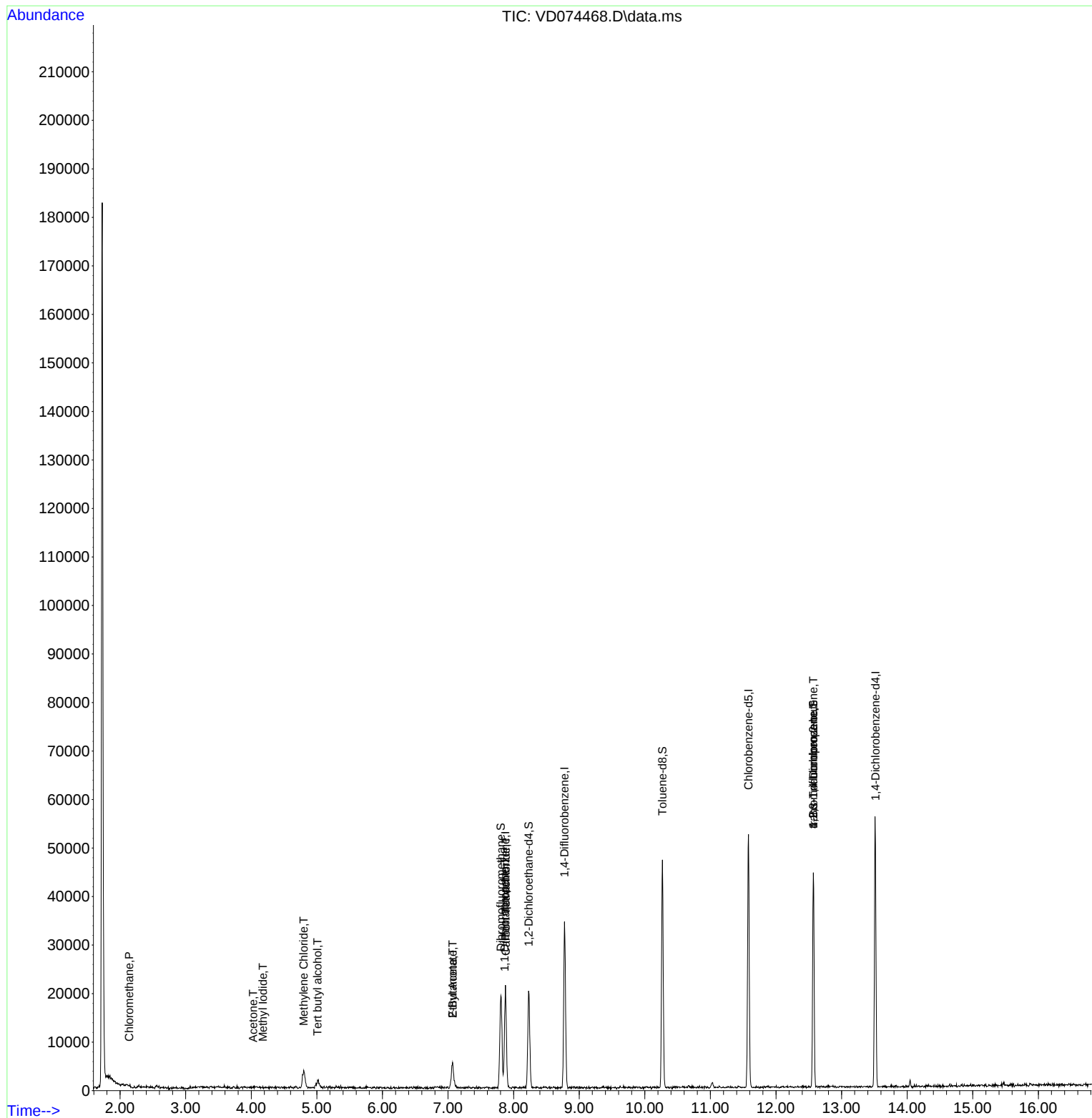
Internal Standards						
1) Pentafluorobenzene	7.875	168	17039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	32837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	33138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	15221	100.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 201.080%#	
35) Dibromofluoromethane	7.805	113	14493	66.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.860%	
50) Toluene-d8	10.269	98	34685	44.078	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.160%	
62) 4-Bromofluorobenzene	12.569	95	14003	58.322	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	329	1.586	ug/l #	37
10) Methyl Iodide	4.175	142	53	5.996	ug/l #	43
11) Tert butyl alcohol	5.011	59	1268	12.018	ug/l #	84
16) Acetone	4.028	43	60	13.340	ug/l #	37
20) Methylene Chloride	4.799	84	3024	8.662	ug/l #	81
25) 2-Butanone	7.069	43	110	2.533	ug/l #	42
36) 1,1-Dichloropropene	7.863	75	1179	3.879	ug/l #	39
37) Ethyl Acetate	7.069	43	110	1.102	ug/l #	66
38) Carbon Tetrachloride	7.881	117	1615	5.996	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	6921	58.443	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	6921	130.393	ug/l #	17

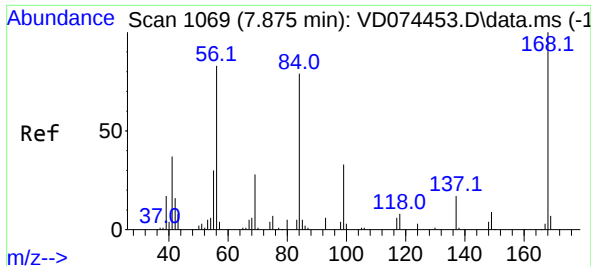
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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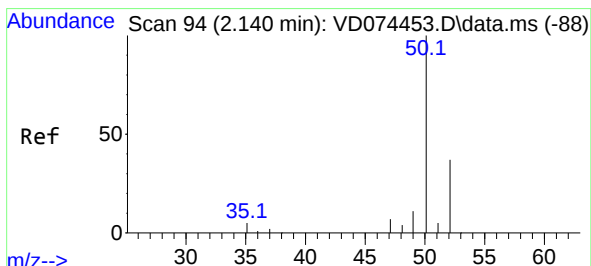
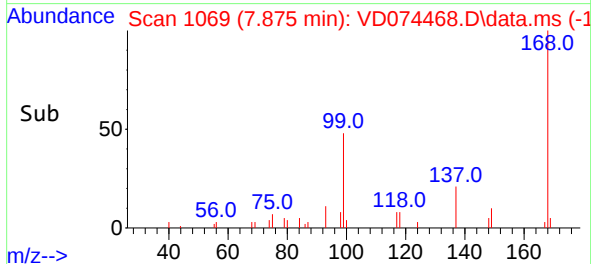
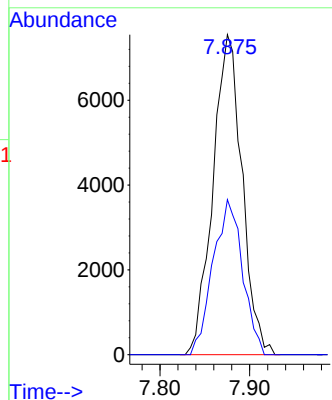
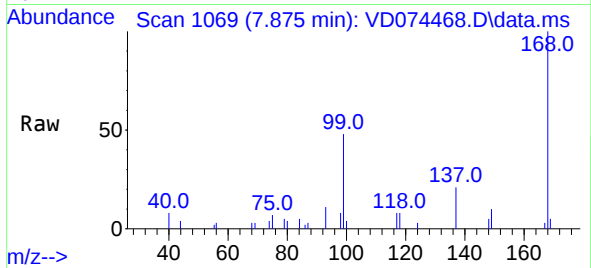




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

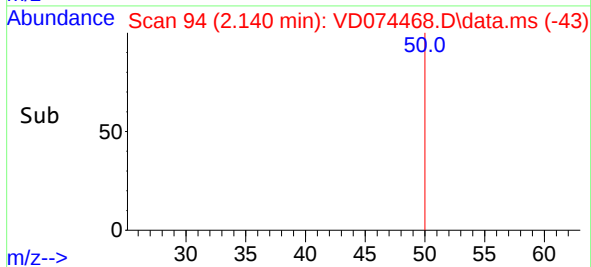
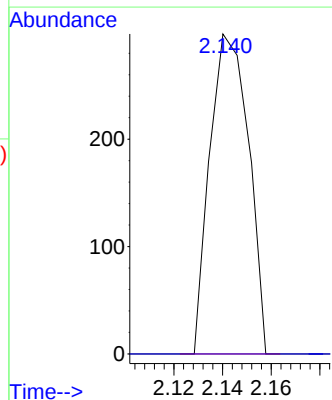
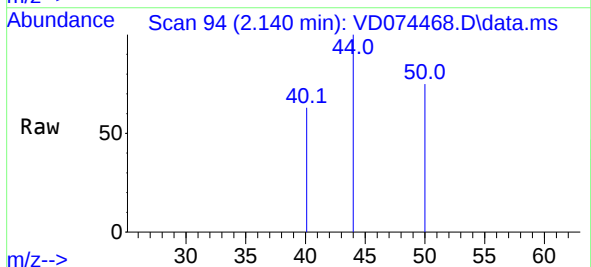
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0

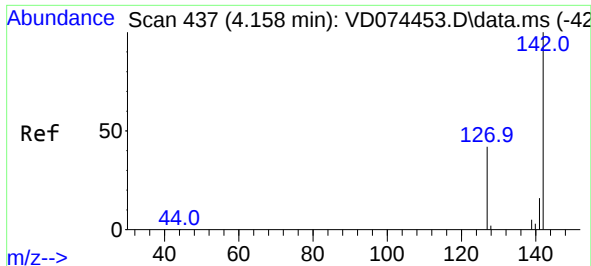
Tgt Ion:168 Resp: 17039
Ion Ratio Lower Upper
168 100
99 48.5 40.9 61.3



#3
Chloromethane
Concen: 1.586 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

Tgt Ion: 50 Resp: 329
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

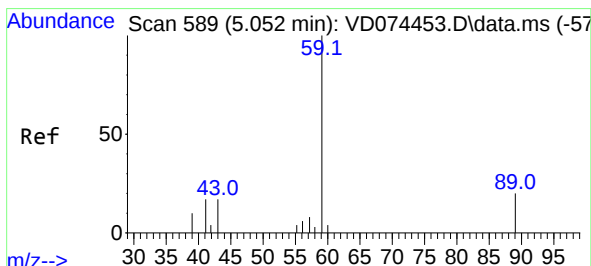
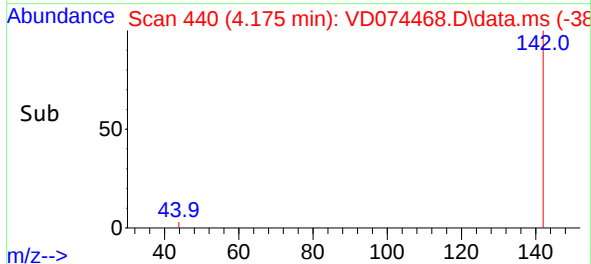
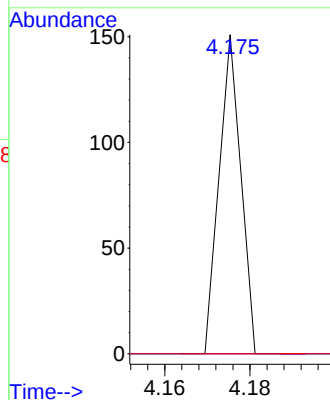
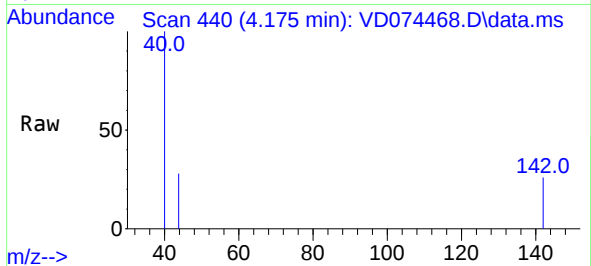




#10
Methyl Iodide
Concen: 5.996 ug/l
RT: 4.175 min Scan# 44
Delta R.T. 0.017 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

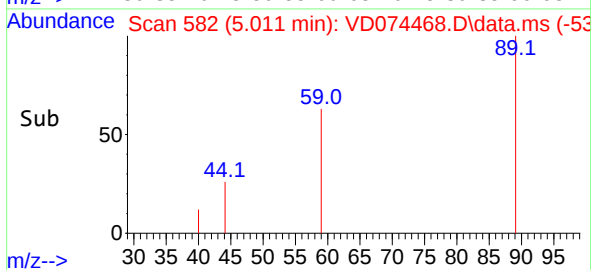
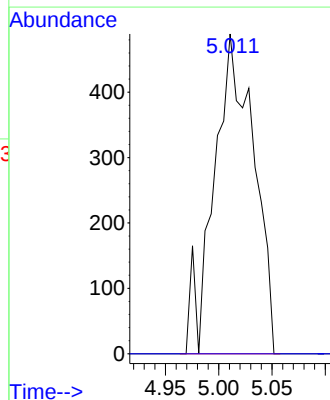
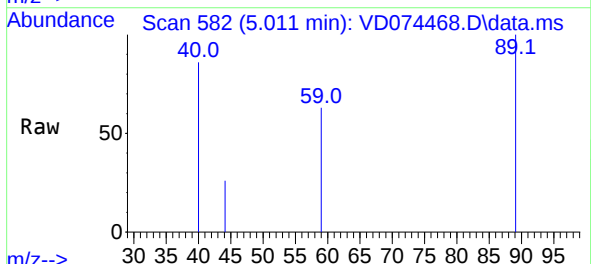
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0

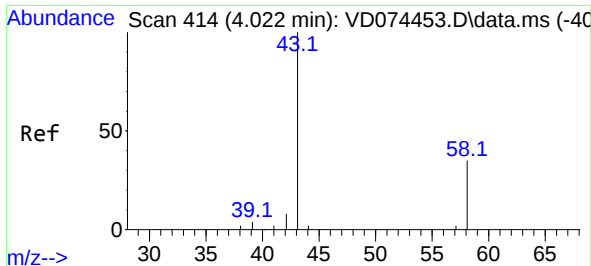
Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 12.018 ug/l
RT: 5.011 min Scan# 582
Delta R.T. -0.041 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

Tgt Ion: 59 Resp: 1268
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

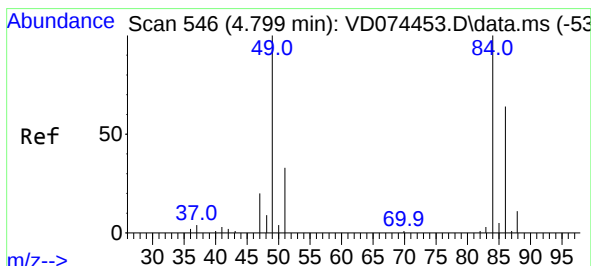
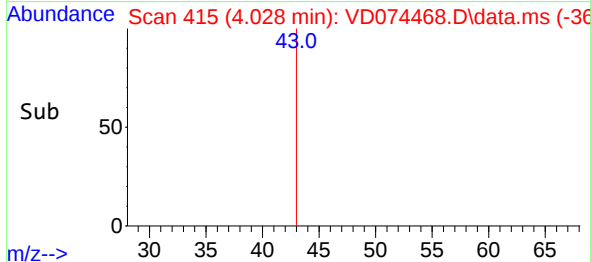
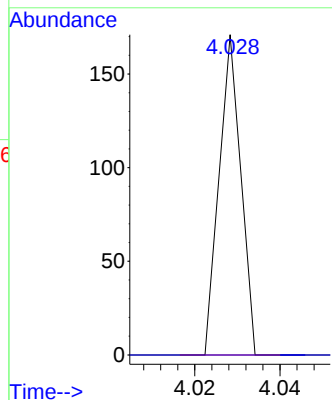
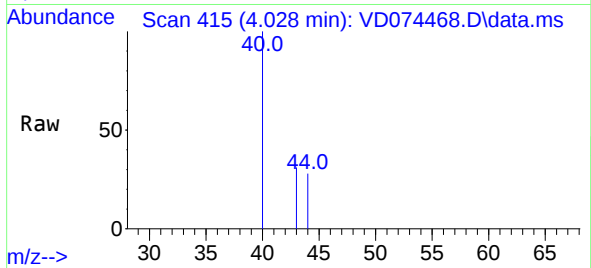




#16
Acetone
Concen: 13.340 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

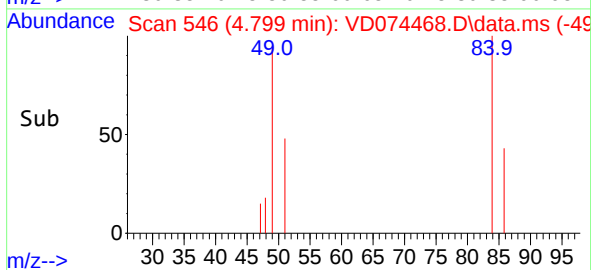
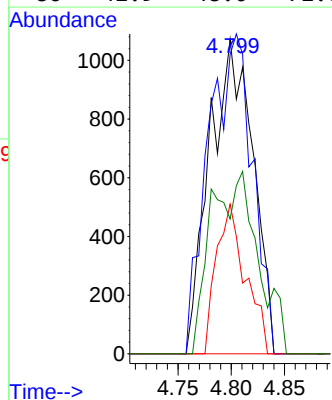
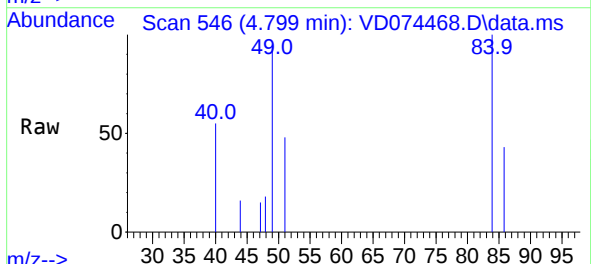
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0

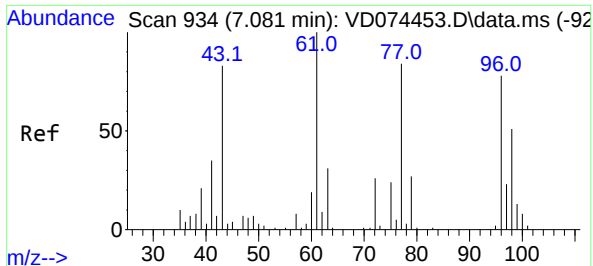
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: 8.662 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

Tgt Ion: 84 Resp: 3024
Ion Ratio Lower Upper
84 100
49 95.1 68.0 102.0
51 47.6 23.2 34.8#
86 42.9 48.0 72.0#

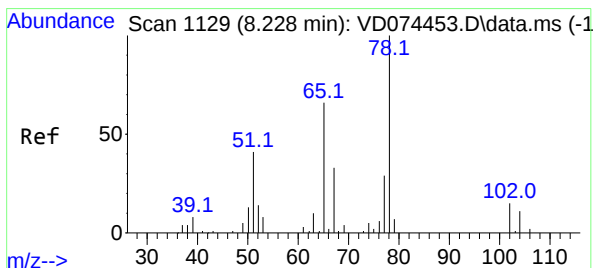
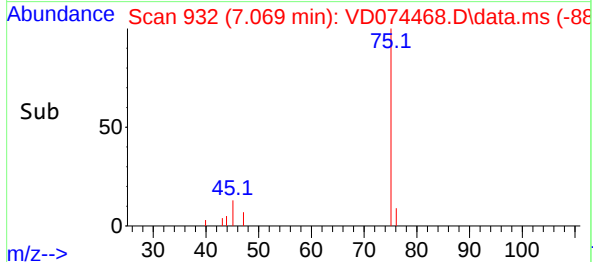
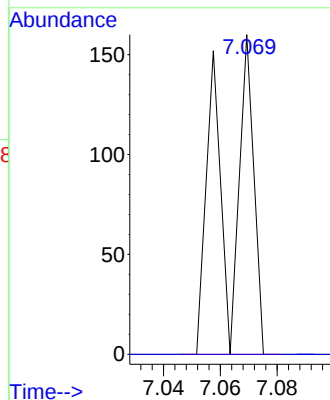
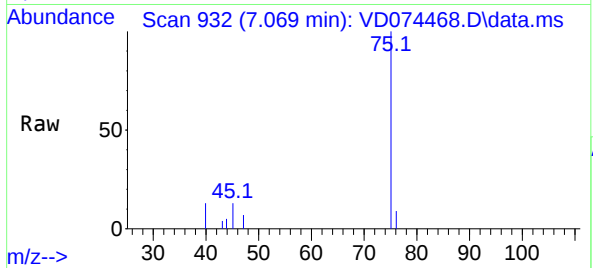




#25
2-Butanone
Concen: 2.533 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

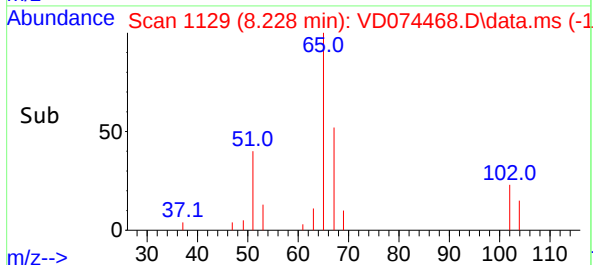
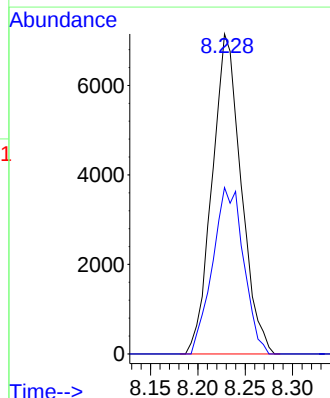
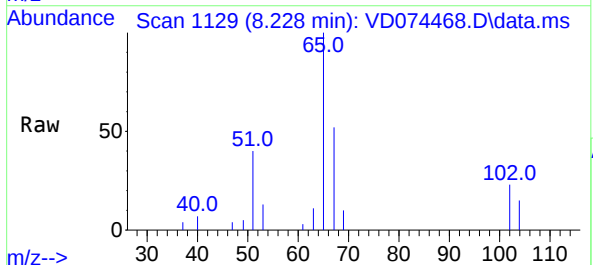
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0

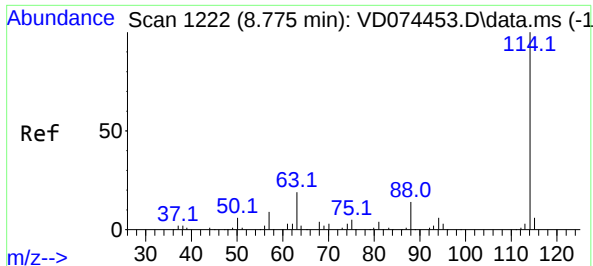
Tgt Ion: 43 Resp: 110
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#33
1,2-Dichloroethane-d4
Concen: 100.544 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

Tgt Ion: 65 Resp: 15221
Ion Ratio Lower Upper
65 100
67 55.8 0.0 110.2

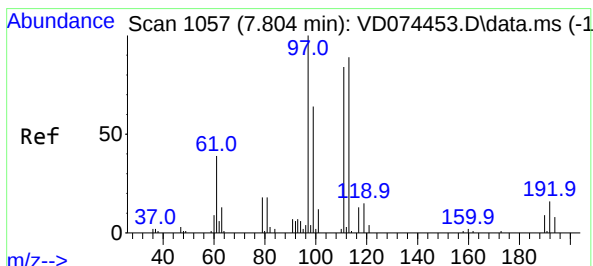
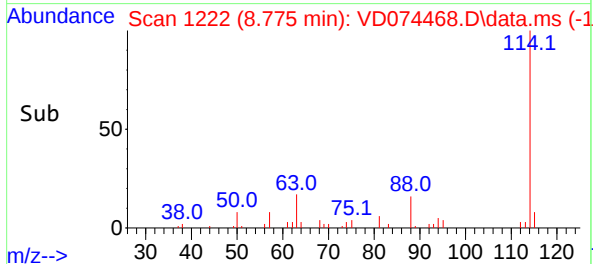
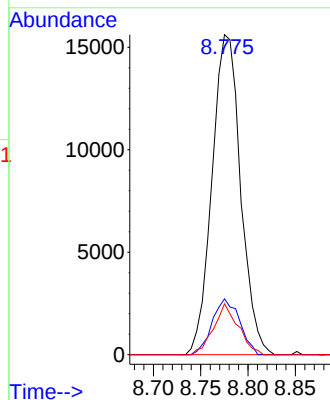
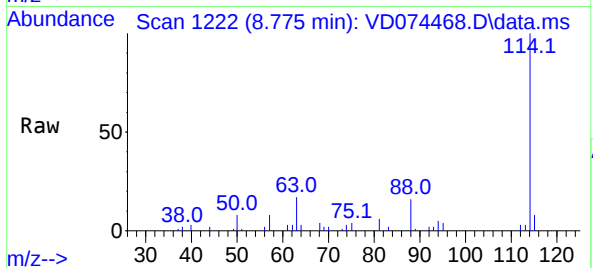




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

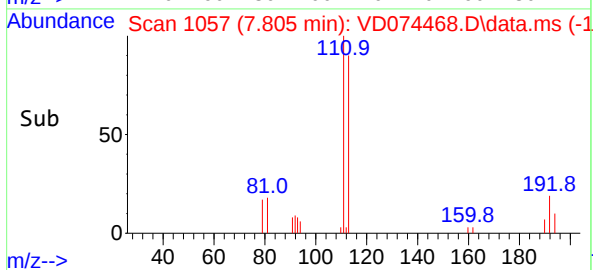
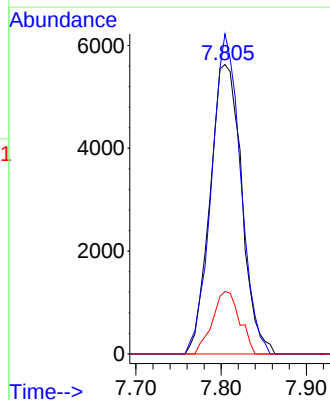
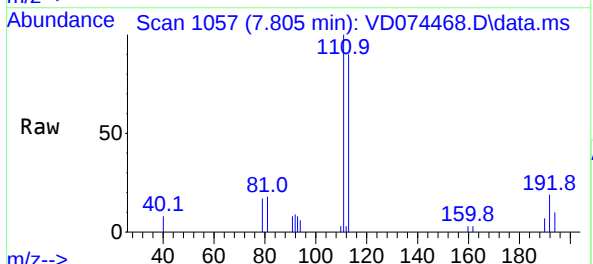
Instrument :
MSVOA_D
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SB-06-0-2.0

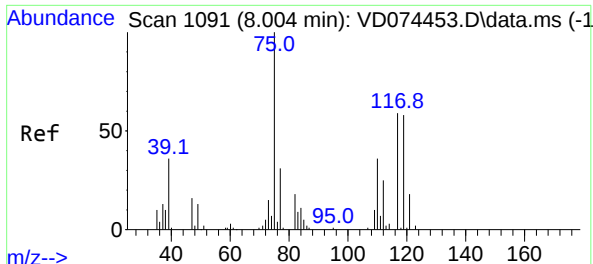
Tgt Ion:114 Resp: 32837
Ion Ratio Lower Upper
114 100
63 17.5 0.0 33.2
88 15.9 0.0 28.2



#35
Dibromofluoromethane
Concen: 66.933 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

Tgt Ion:113 Resp: 14493
Ion Ratio Lower Upper
113 100
111 101.9 82.3 123.5
192 18.5 16.4 24.6





#36

1,1-Dichloropropene

Concen: 3.879 ug/l

RT: 7.863 min Scan# 1091

Delta R.T. -0.141 min

Lab File: VD074468.D

Acq: 06 Oct 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

SB-06-0-2.0

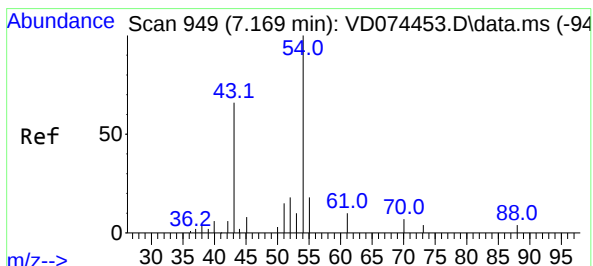
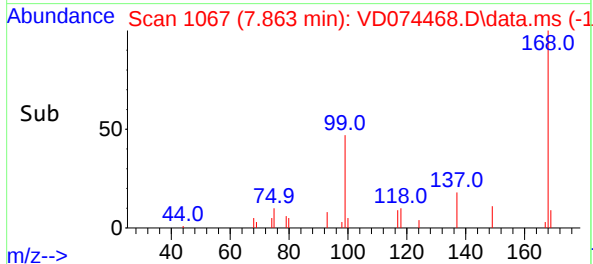
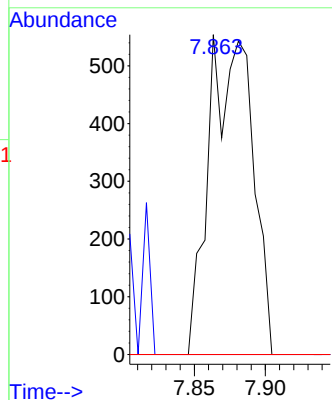
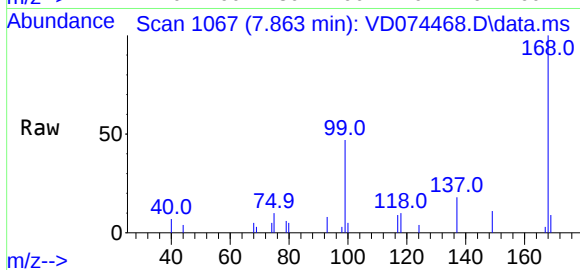
Tgt Ion: 75 Resp: 1179

Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 1.102 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.100 min

Lab File: VD074468.D

Acq: 06 Oct 2022 16:08

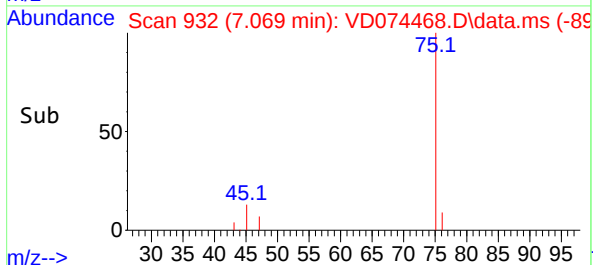
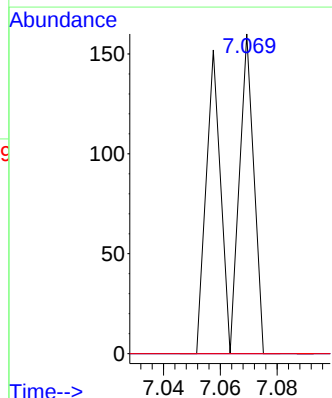
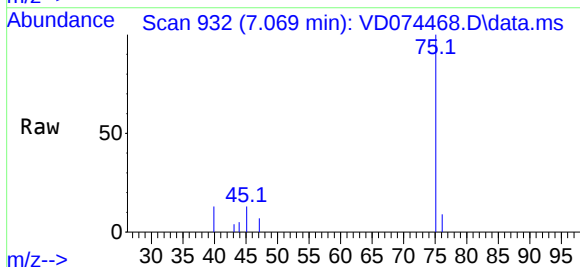
Tgt Ion: 43 Resp: 110

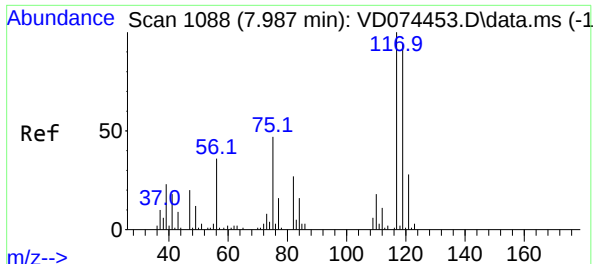
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

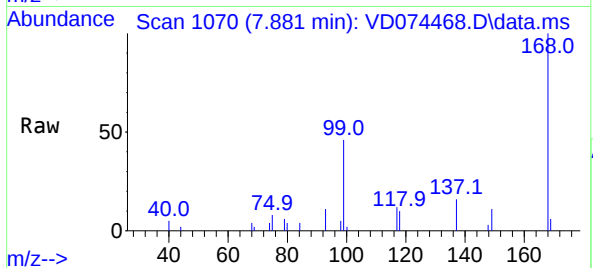
70 0.0 9.6 14.4#



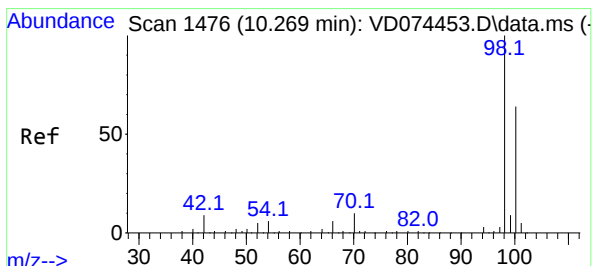
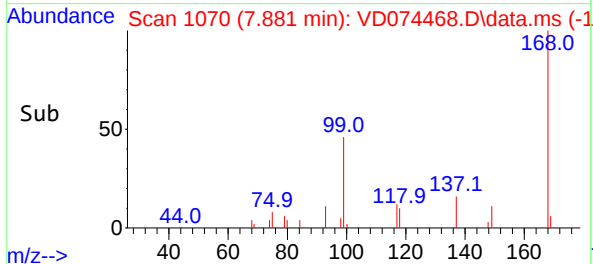
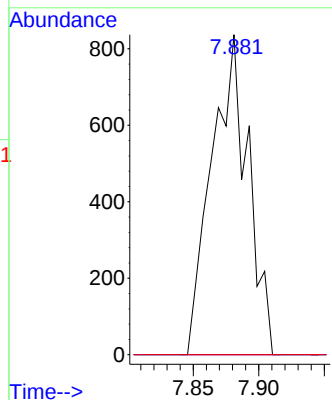


#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0

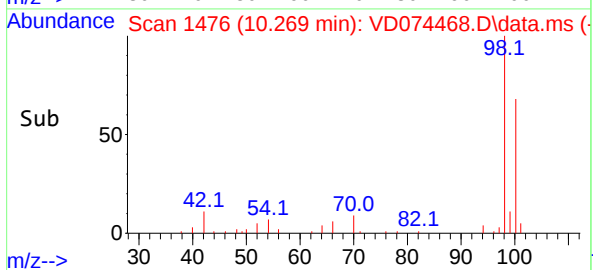
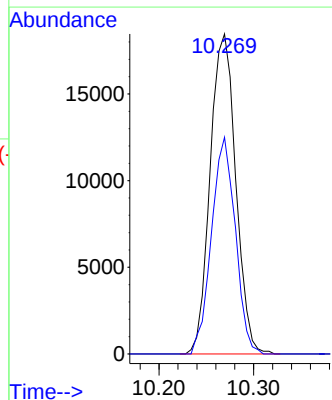
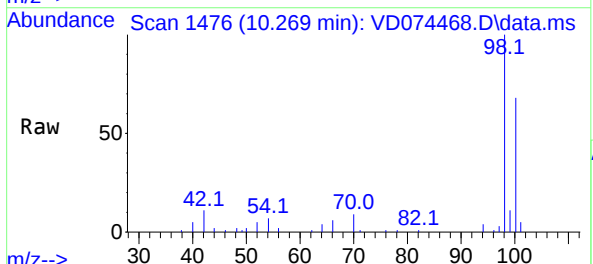


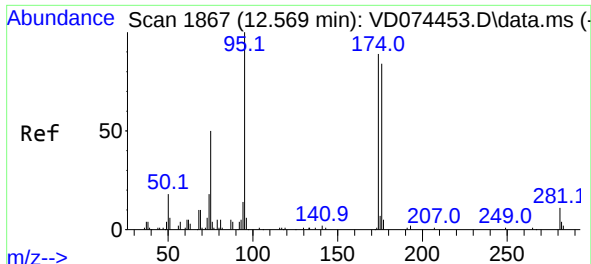
Tgt Ion:117 Resp: 1615
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 44.078 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

Tgt Ion: 98 Resp: 34685
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0

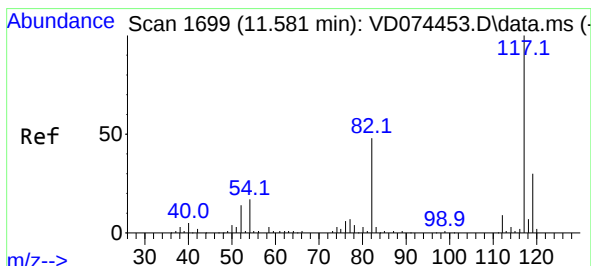
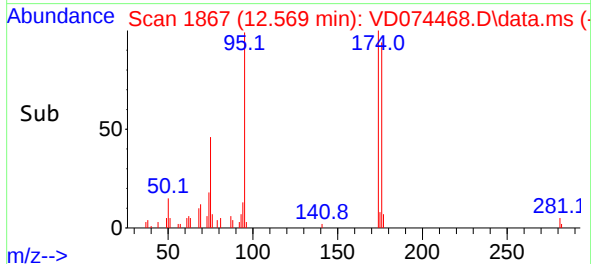
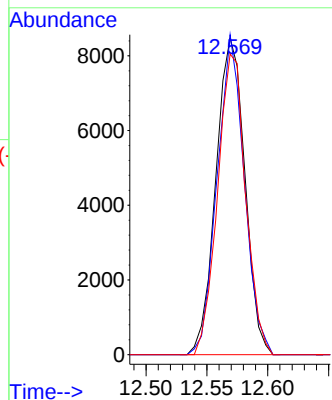
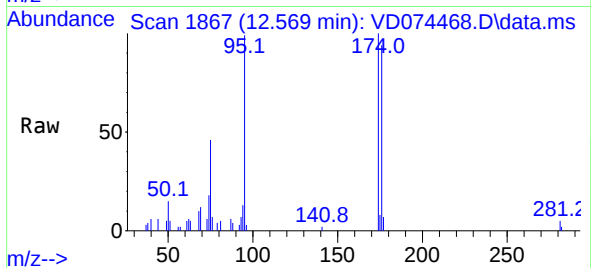




#62
4-Bromofluorobenzene
Concen: 58.322 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

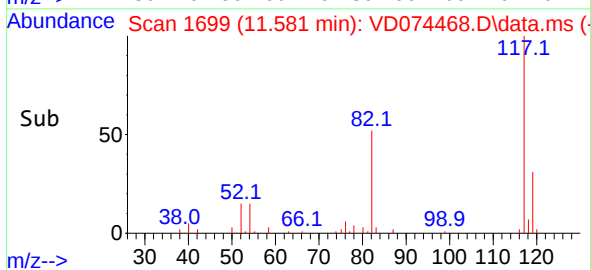
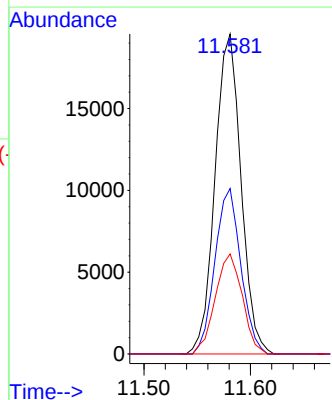
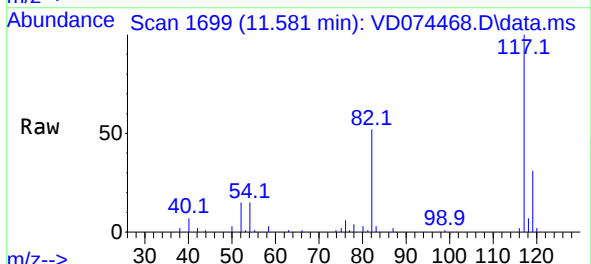
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0

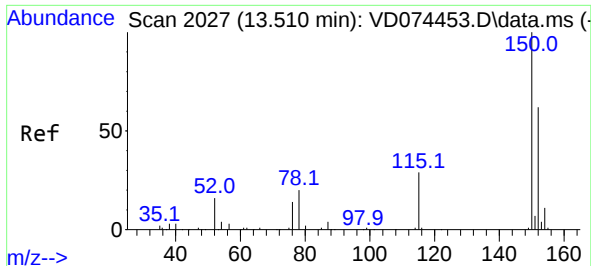
Tgt Ion:	95	Resp:	14003
Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	197.0
176	92.1	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

Tgt Ion:	117	Resp:	33138
Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.6	62.4
119	31.2	25.2	37.8

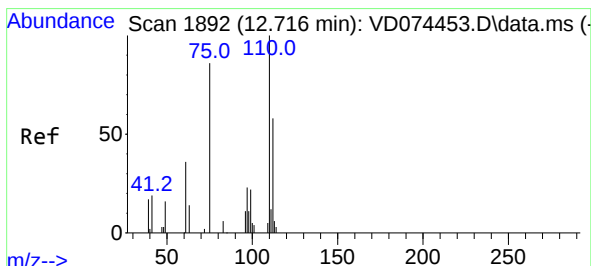
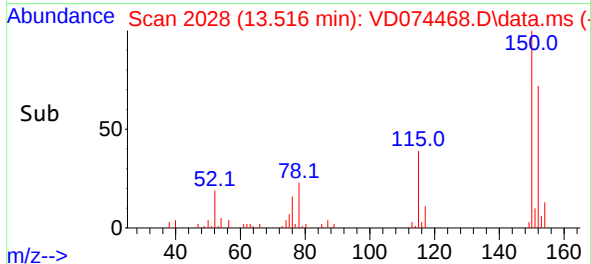
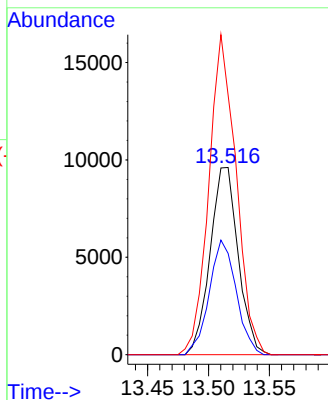
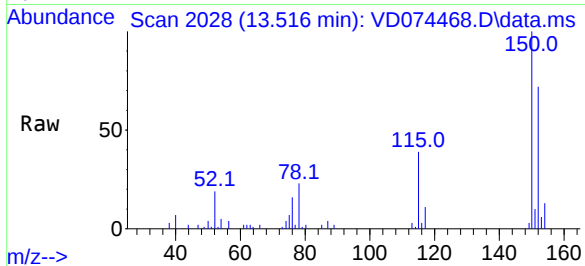




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074468.D
 Acq: 06 Oct 2022 16:08

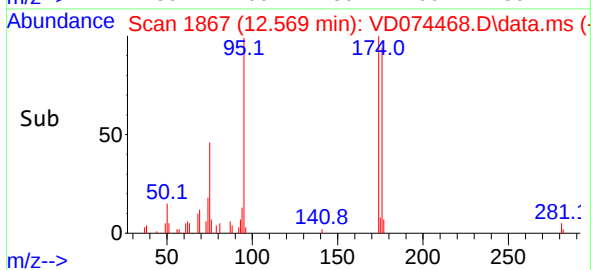
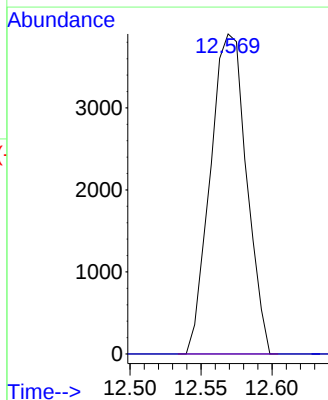
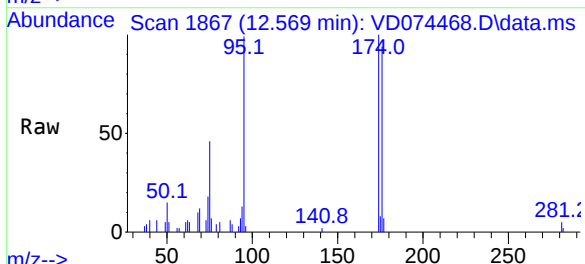
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-0-2.0

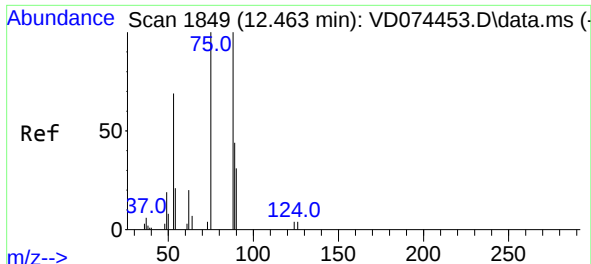
Tgt Ion:152 Resp: 15427
 Ion Ratio Lower Upper
 152 100
 115 58.8 26.8 80.4
 150 165.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 58.443 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.147 min
 Lab File: VD074468.D
 Acq: 06 Oct 2022 16:08

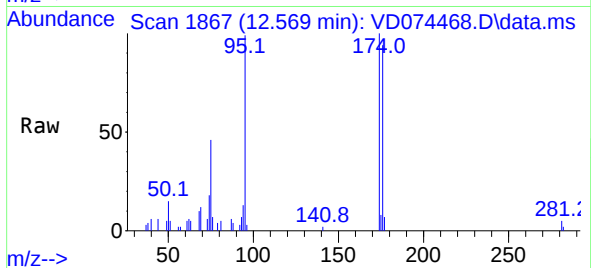
Tgt Ion: 75 Resp: 6921
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.393 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074468.D
 Acq: 06 Oct 2022 16:08

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-0-2.0



Tgt Ion: 75 Resp: 6921

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

