

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073702.D
 Acq On : 25 Jun 2022 11:36
 Operator : VA/SY
 Sample : VD0625SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBL01

Quant Time: Jun 27 09:34:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

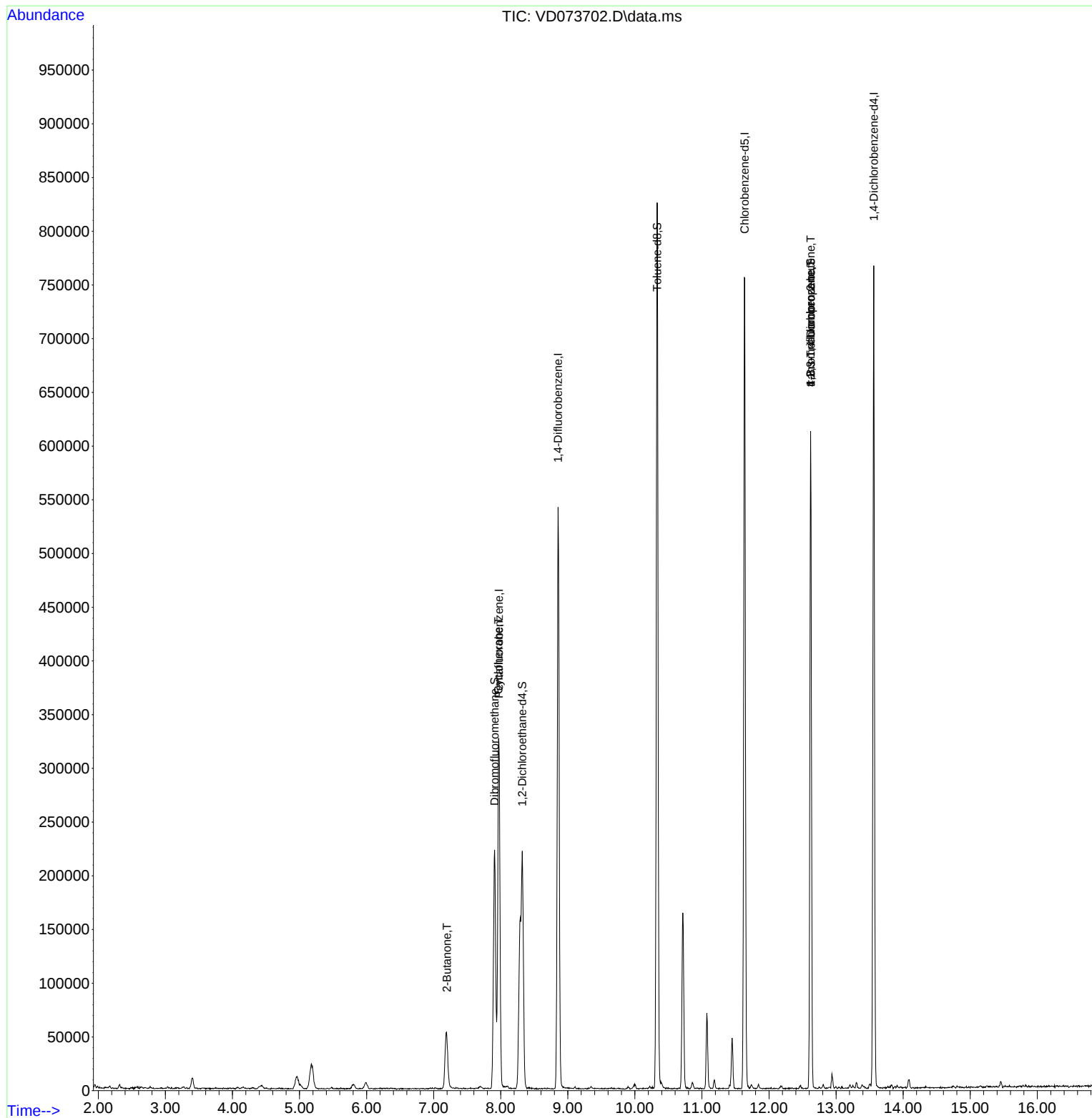
Internal Standards						
1) Pentafluorobenzene	7.973	168	240118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	467890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	452271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	199327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	158873	53.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.740%	
35) Dibromofluoromethane	7.909	113	158272	43.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.840%	
50) Toluene-d8	10.332	98	561508	42.906	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.820%	
62) 4-Bromofluorobenzene	12.620	95	187258	38.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	803	Below Cal		89
3) Chloromethane	2.209	50	613	Below Cal	#	40
5) Bromomethane	2.773	94	987	Below Cal	#	76
11) Tert butyl alcohol	5.179	59	20945	Below Cal	#	100
16) Acetone	4.156	43	2355	Below Cal		93
18) Methyl Acetate	4.938	43	760	Below Cal	#	50
20) Methylene Chloride	4.962	84	8296	Below Cal	#	81
25) 2-Butanone	7.197	43	2886	3.883 ug/l	#	87
31) Cyclohexane	7.967	56	6129	1.385 ug/l	#	19
76) 1,2,3-Trichloropropane	12.620	75	94886	48.916 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.620	75	94886	99.866 ug/l	#	11

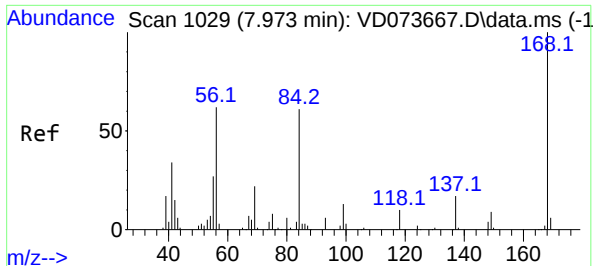
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD073702.D
Acq On : 25 Jun 2022 11:36
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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QLast Update : Fri Jun 24 07:36:47 2022
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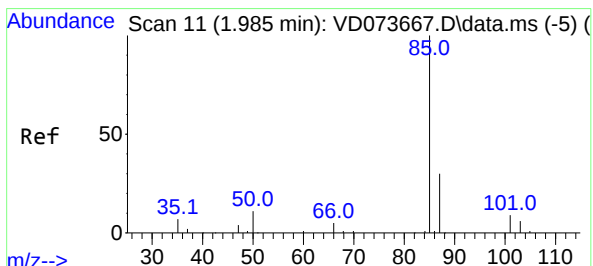
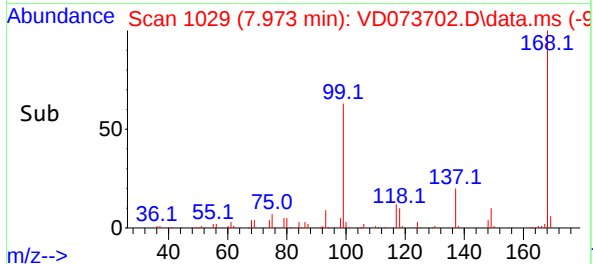
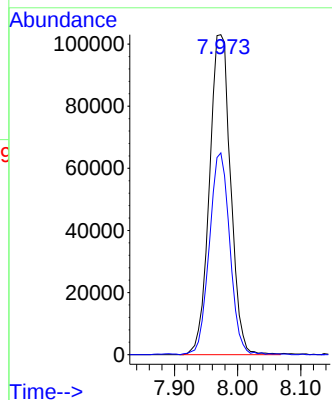
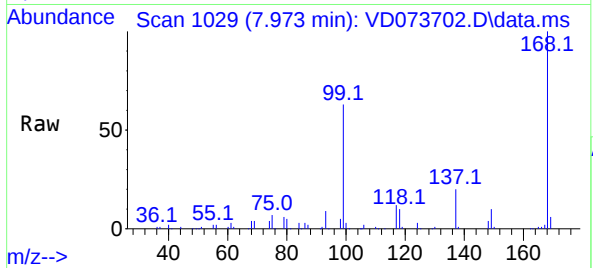




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

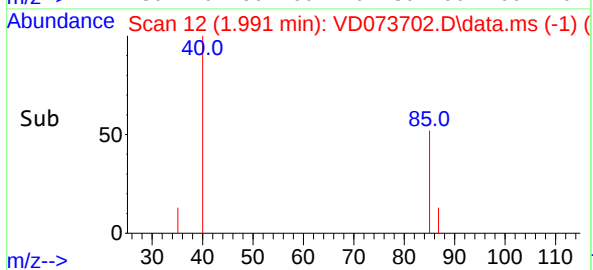
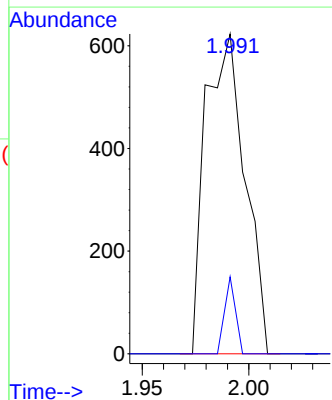
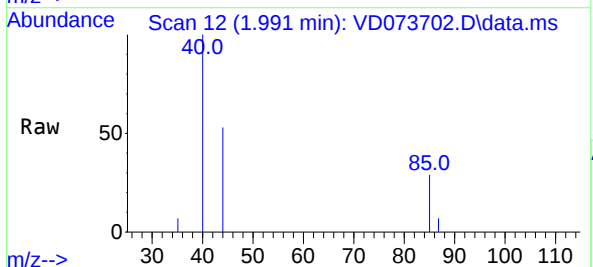
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

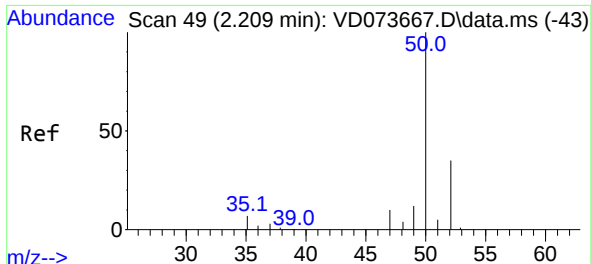
Tgt Ion:168 Resp: 240118
Ion Ratio Lower Upper
168 100
99 63.1 46.4 69.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

Tgt Ion: 85 Resp: 803
Ion Ratio Lower Upper
85 100
87 24.1 15.2 45.5

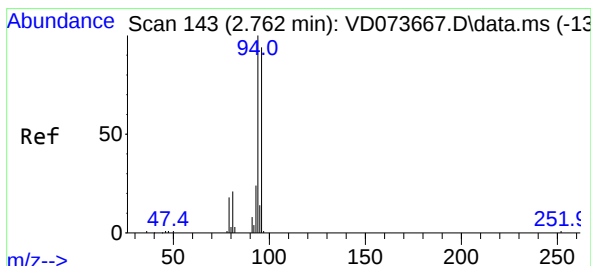
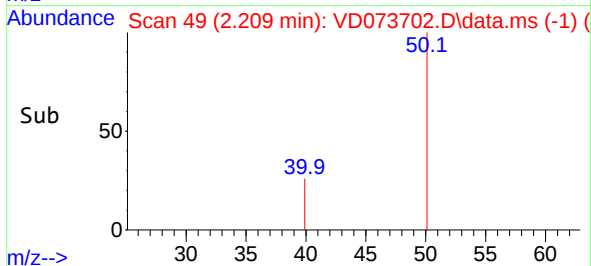
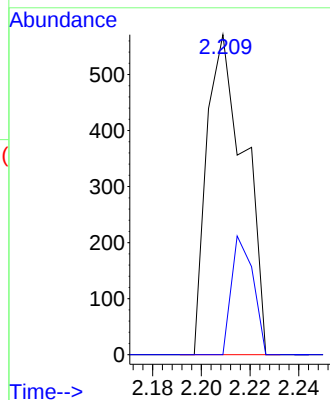
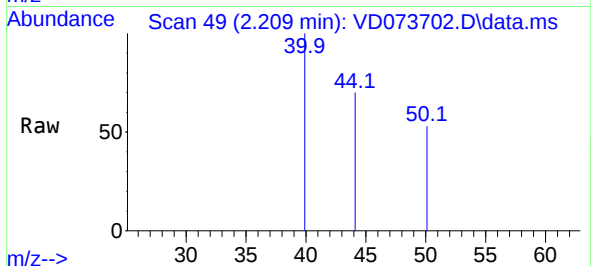




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

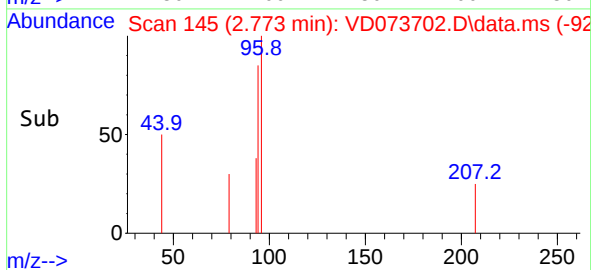
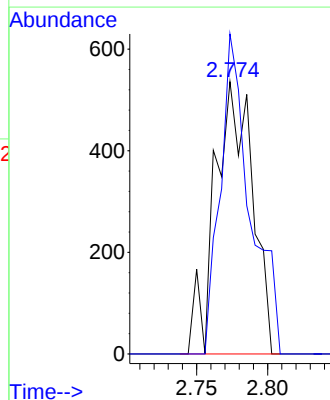
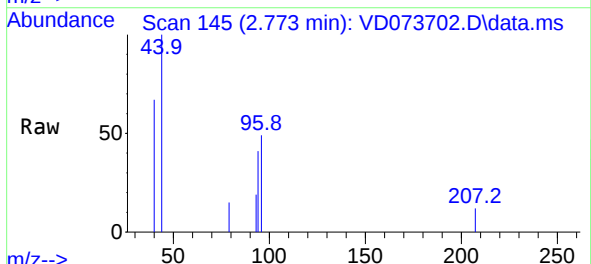
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

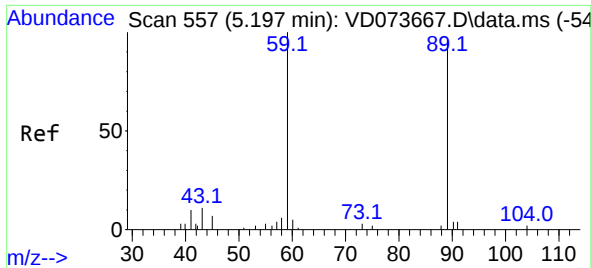
Tgt Ion: 50 Resp: 613
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.6#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

Tgt Ion: 94 Resp: 987
Ion Ratio Lower Upper
94 100
96 117.5 75.1 112.7#

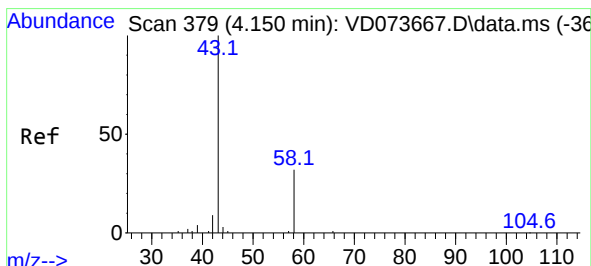
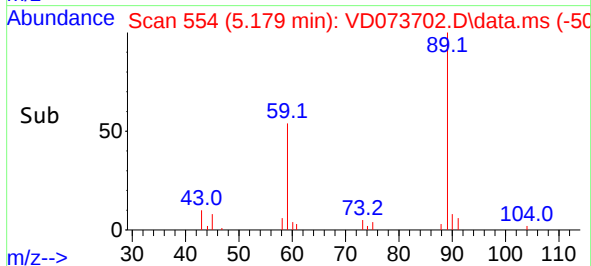
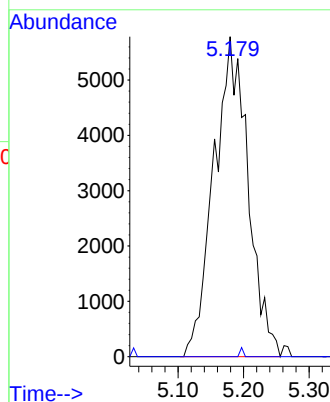
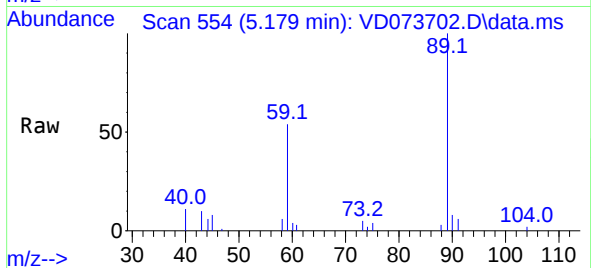




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

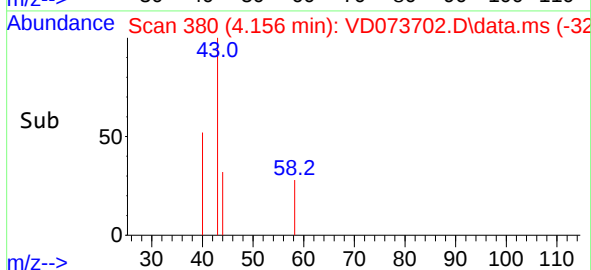
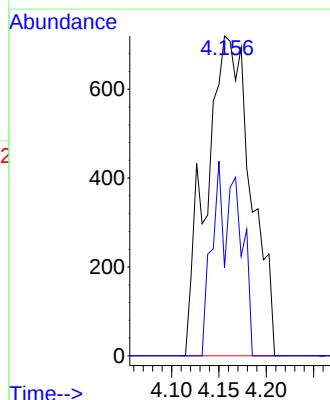
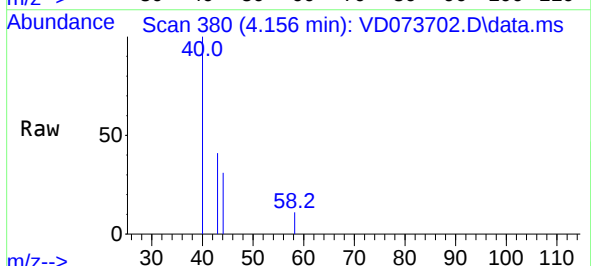
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

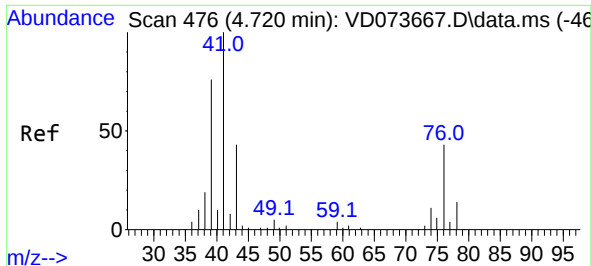
Tgt Ion: 59 Resp: 20945
Ion Ratio Lower Upper
59 100
57 0.3 0.0 0.0#



#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

Tgt Ion: 43 Resp: 2355
Ion Ratio Lower Upper
43 100
58 27.5 25.2 37.8





#18

Methyl Acetate

Concen: Below Cal

RT: 4.938 min Scan# 513

Delta R.T. 0.218 min

Lab File: VD073702.D

Acq: 25 Jun 2022 11:36

Instrument :

MSVOA_D

ClientSampleId :

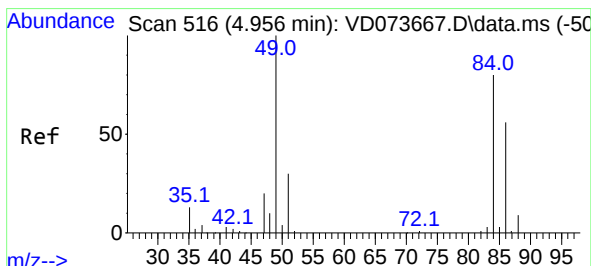
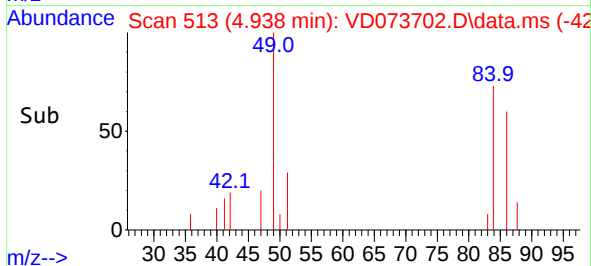
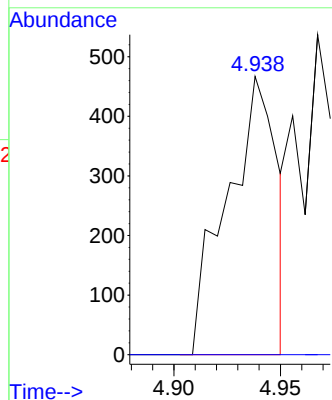
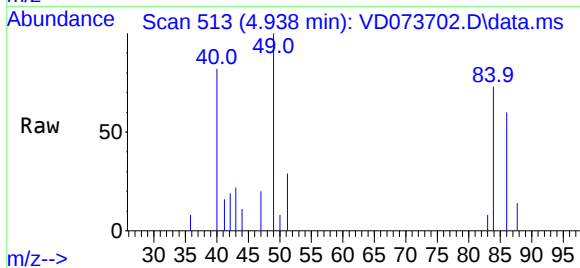
VD0625SBL01

Tgt Ion: 43 Resp: 760

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.962 min Scan# 517

Delta R.T. 0.006 min

Lab File: VD073702.D

Acq: 25 Jun 2022 11:36

Tgt Ion: 84 Resp: 8296

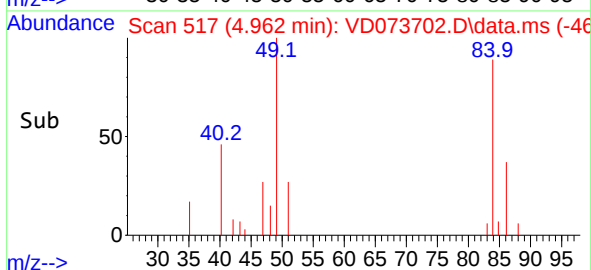
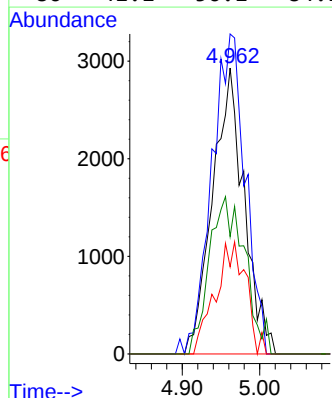
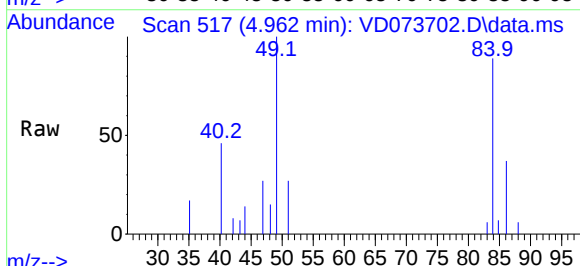
Ion Ratio Lower Upper

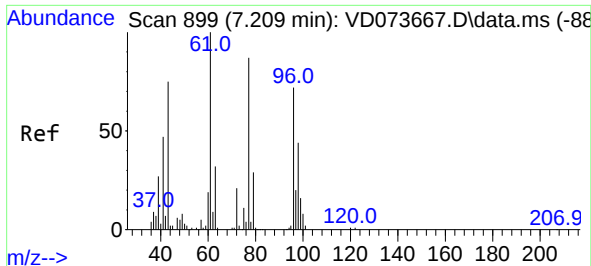
84 100

49 111.9 100.6 150.8

51 30.5 29.8 44.6

86 41.1 56.1 84.1#

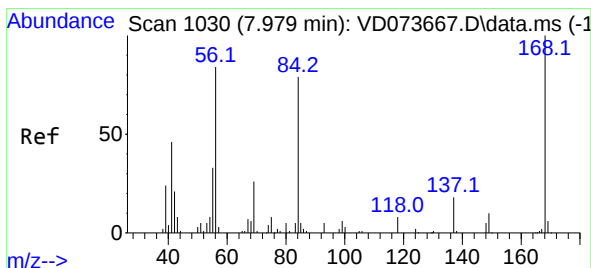
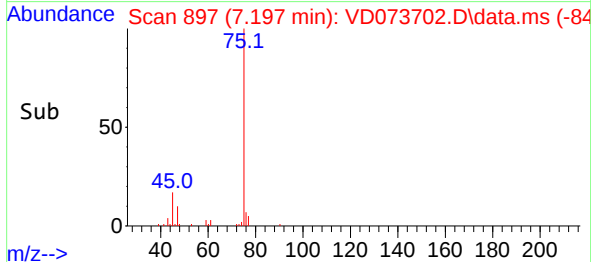
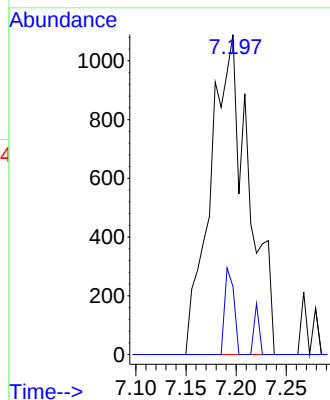
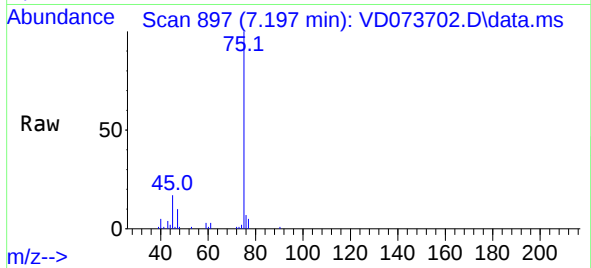




#25
2-Butanone
Concen: 3.883 ug/l
RT: 7.197 min Scan# 89
Delta R.T. -0.012 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

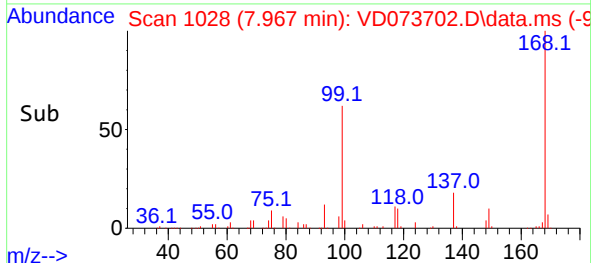
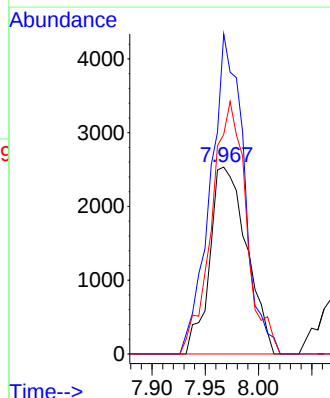
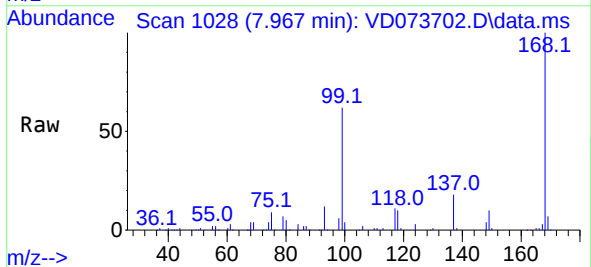
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

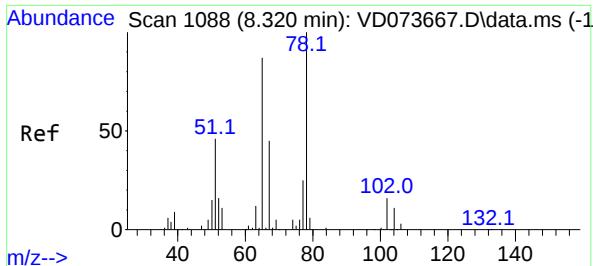
Tgt Ion: 43 Resp: 2886
Ion Ratio Lower Upper
43 100
72 21.2 22.6 33.8#



#31
Cyclohexane
Concen: 1.385 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

Tgt Ion: 56 Resp: 6129
Ion Ratio Lower Upper
56 100
69 171.3 25.2 37.8#
84 117.6 75.4 113.2#

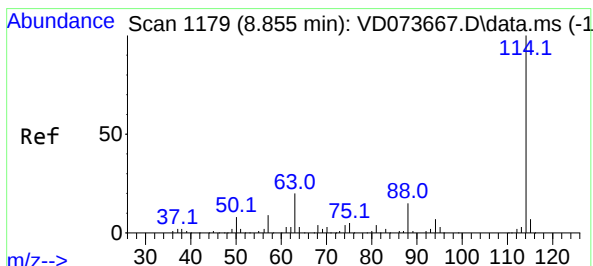
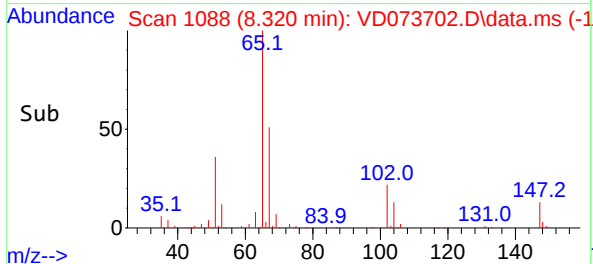
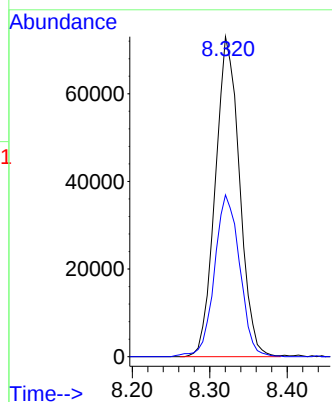
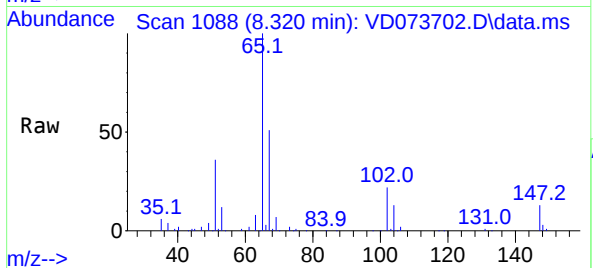




#33
1,2-Dichloroethane-d4
Concen: 53.870 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

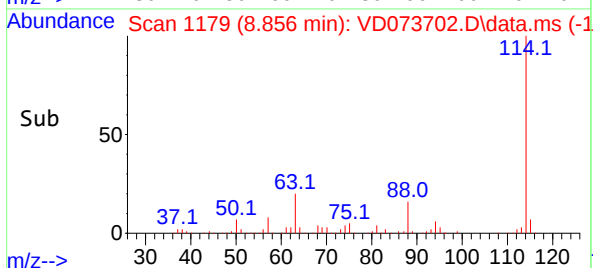
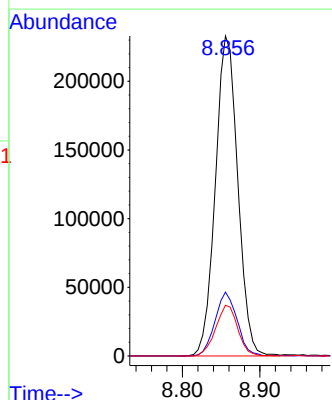
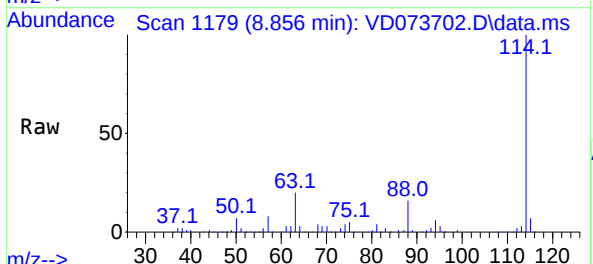
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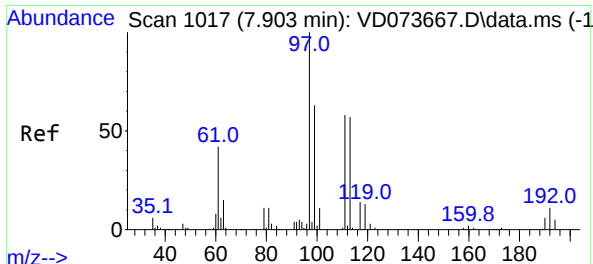
Tgt Ion: 65 Resp: 158873
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

Tgt Ion: 114 Resp: 467890
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 15.9 0.0 29.4

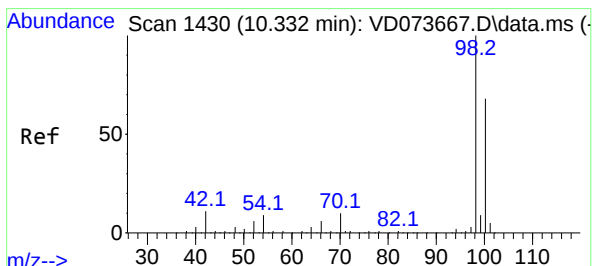
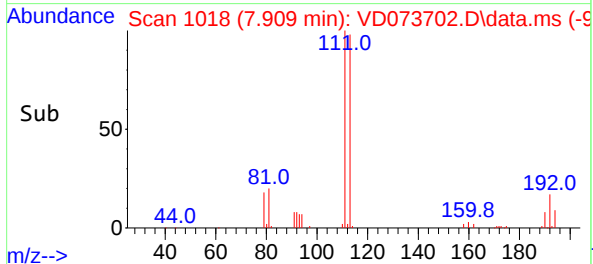
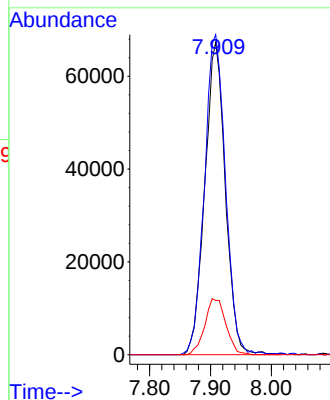
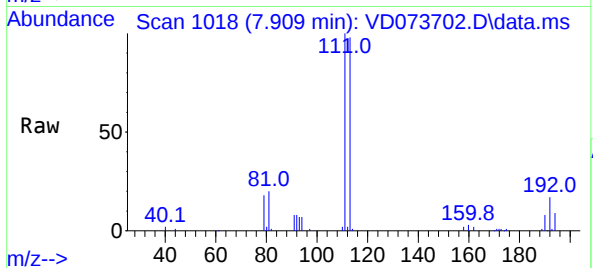




#35
Dibromofluoromethane
Concen: 43.423 ug/l
RT: 7.909 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

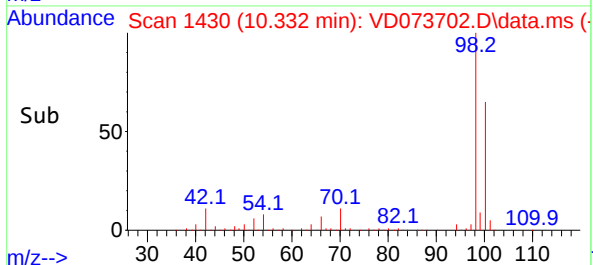
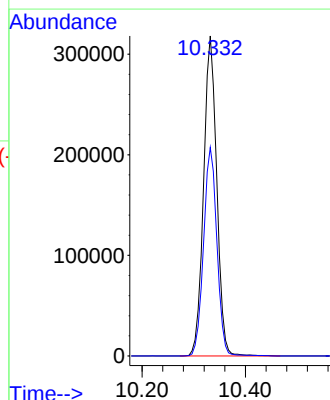
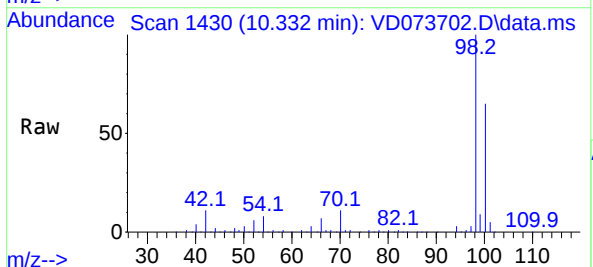
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

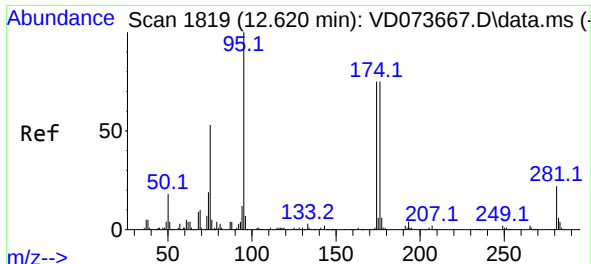
Tgt Ion:113 Resp: 158272
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.6
192 18.3 14.8 22.2



#50
Toluene-d8
Concen: 42.906 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

Tgt Ion: 98 Resp: 561508
Ion Ratio Lower Upper
98 100
100 66.1 54.0 81.0

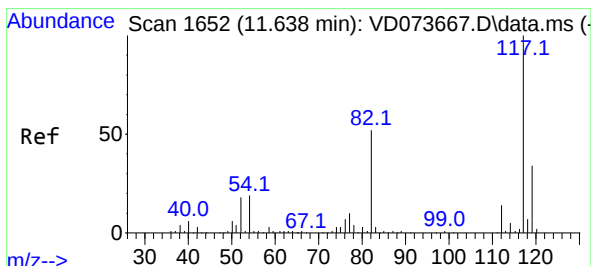
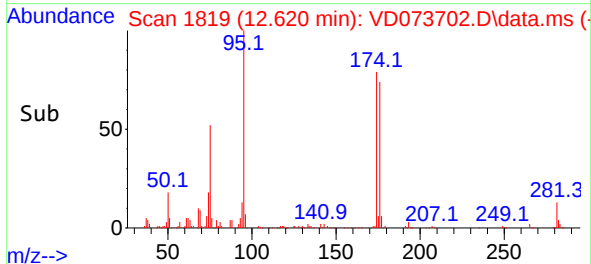
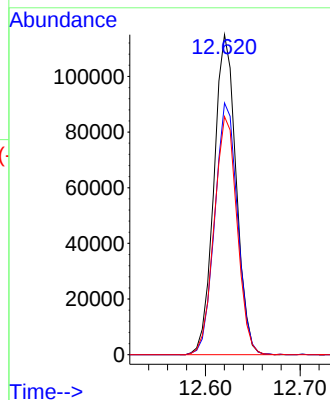
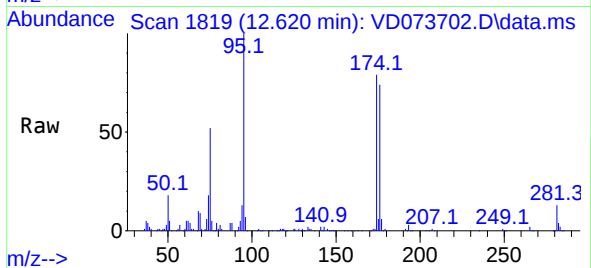




#62
4-Bromofluorobenzene
Concen: 38.150 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

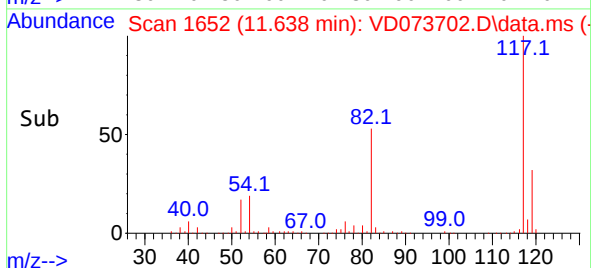
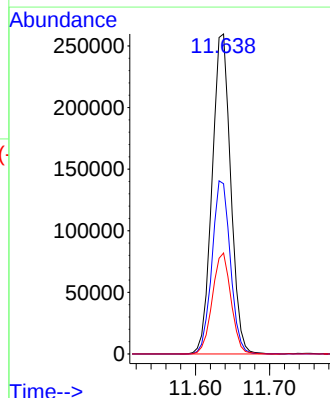
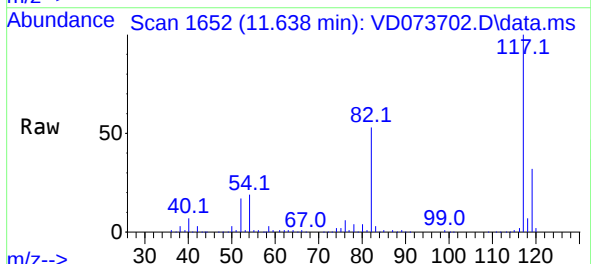
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

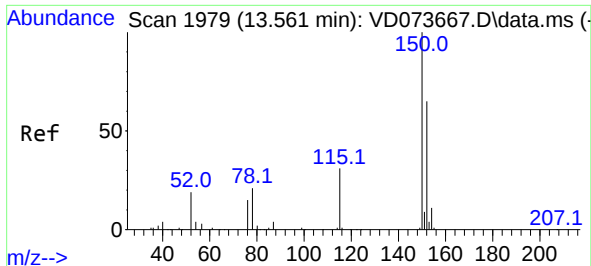
Tgt Ion: 95 Resp: 187258
Ion Ratio Lower Upper
95 100
174 80.3 0.0 158.4
176 76.7 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

Tgt Ion: 117 Resp: 452271
Ion Ratio Lower Upper
117 100
82 53.2 41.5 62.3
119 31.6 27.1 40.7

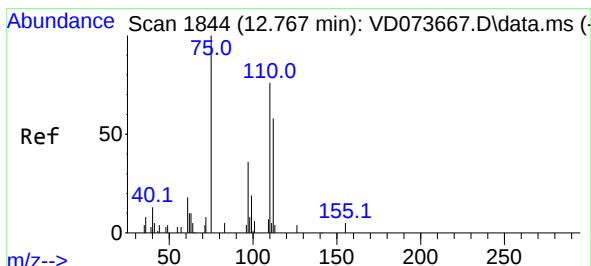
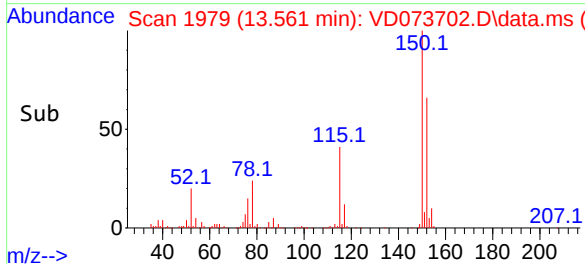
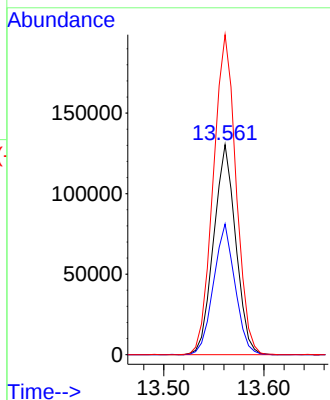
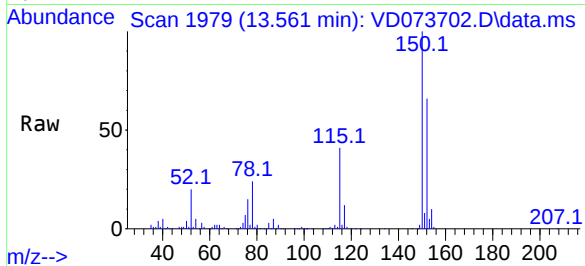




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

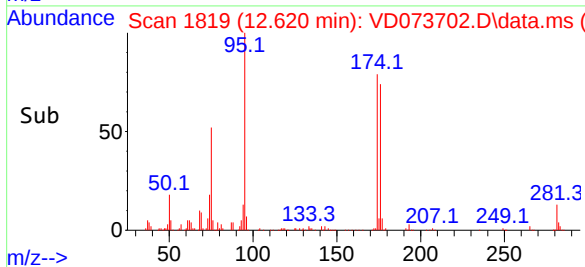
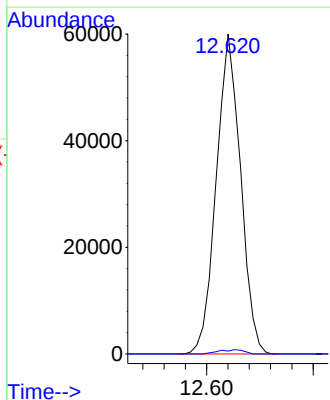
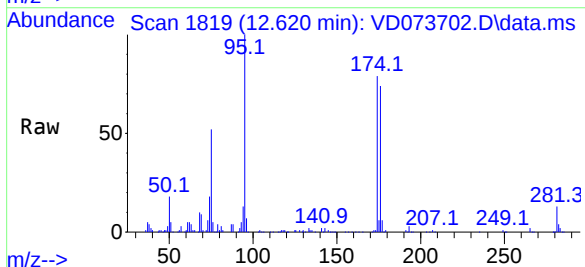
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

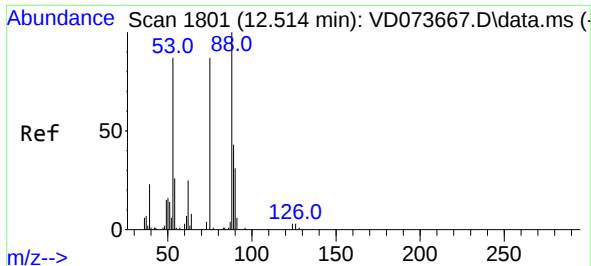
Tgt Ion:152 Resp: 199327
Ion Ratio Lower Upper
152 100
115 60.6 30.6 91.6
150 157.3 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 48.916 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073702.D
Acq: 25 Jun 2022 11:36

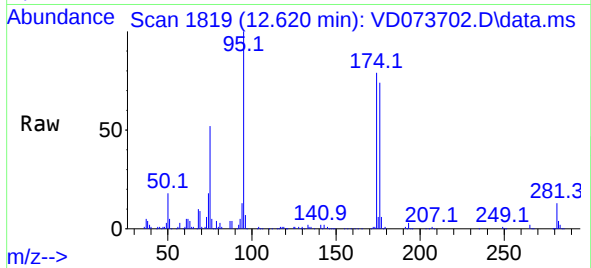
Tgt Ion: 75 Resp: 94886
Ion Ratio Lower Upper
75 100
77 1.4 195.3 586.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.866 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073702.D
 Acq: 25 Jun 2022 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBL01



Tgt Ion: 75 Resp: 94886
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.0 115.6#
 89 0.1 37.8 56.8#

