

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073673.D
 Acq On : 23 Jun 2022 18:45
 Operator : VA/SY
 Sample : VD0623SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBL01

Quant Time: Jun 24 07:38:44 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)

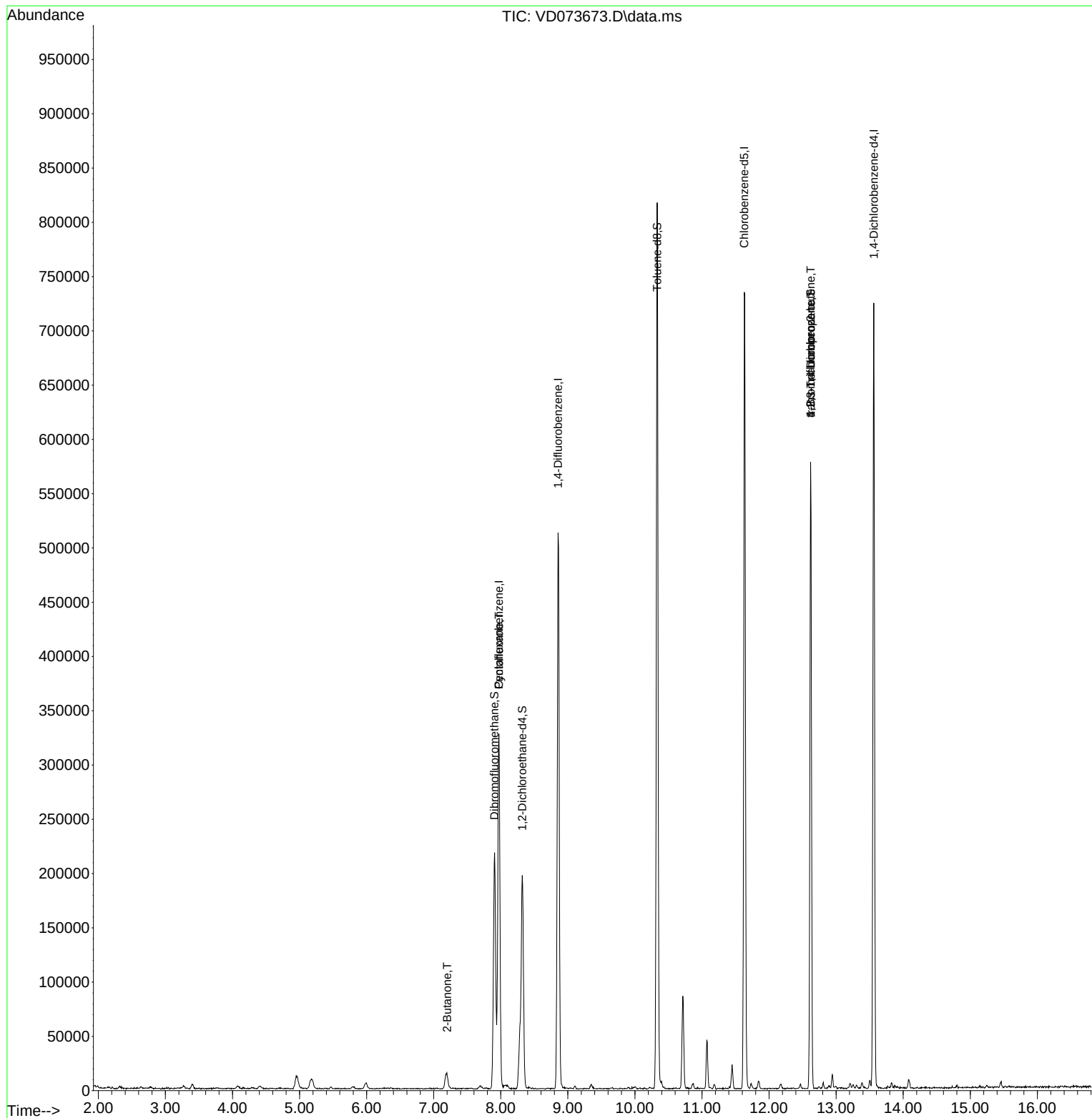
Internal Standards						
1) Pentafluorobenzene	7.973	168	235271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	447196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	437173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	196790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	156553	54.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.360%			
35) Dibromofluoromethane	7.902	113	153801	44.149	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.300%			
50) Toluene-d8	10.332	98	543313	43.437	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 86.880%			
62) 4-Bromofluorobenzene	12.620	95	181454	38.678	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	1207	Below Cal		84
3) Chloromethane	2.209	50	1222	Below Cal		88
5) Bromomethane	2.767	94	1307	Below Cal		90
11) Tert butyl alcohol	5.179	59	9085	Below Cal	#	100
16) Acetone	4.156	43	1354	Below Cal	#	43
18) Methyl Acetate	4.714	43	82	Below Cal	#	50
20) Methylene Chloride	4.956	84	9710	Below Cal	#	74
25) 2-Butanone	7.202	43	1047	1.438 ug/l	#	47
31) Cyclohexane	7.973	56	6815	1.572 ug/l	#	47
76) 1,2,3-Trichloropropane	12.620	75	94186	49.182 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.620	75	94186	100.408 ug/l	#	11

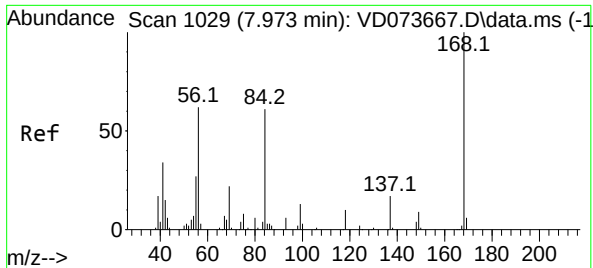
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
Data File : VD073673.D
Acq On : 23 Jun 2022 18:45
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

Quant Time: Jun 24 07:38:44 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

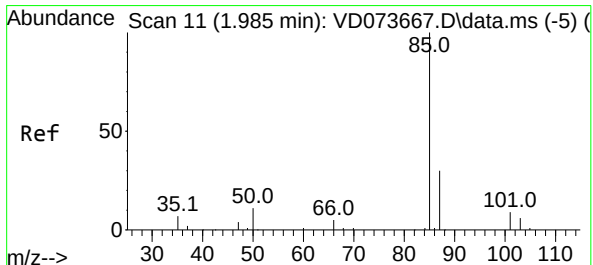
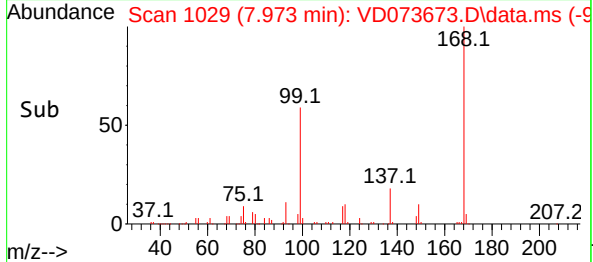
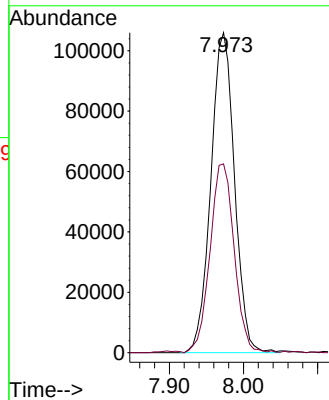
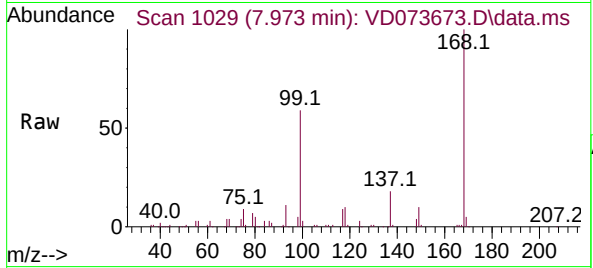




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

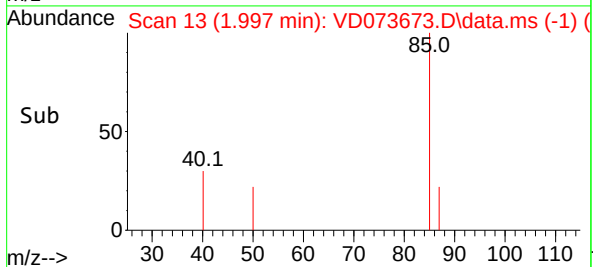
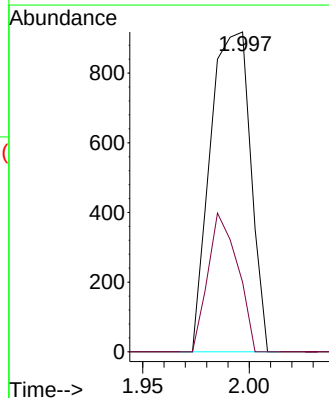
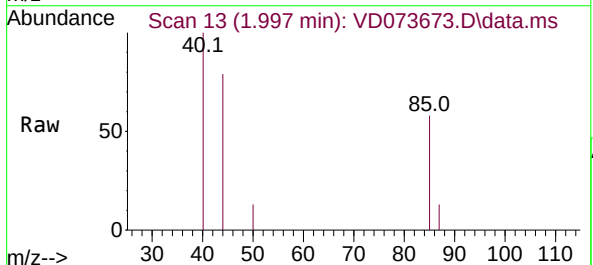
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

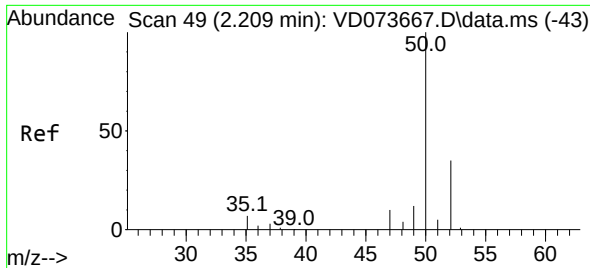
Tgt Ion:168 Resp: 235271
Ion Ratio Lower Upper
168 100
99 58.9 46.4 69.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

Tgt Ion: 85 Resp: 1207
Ion Ratio Lower Upper
85 100
87 21.8 15.2 45.5

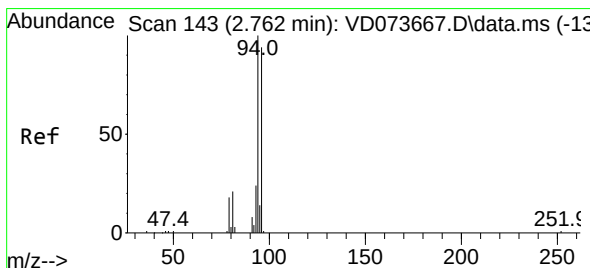
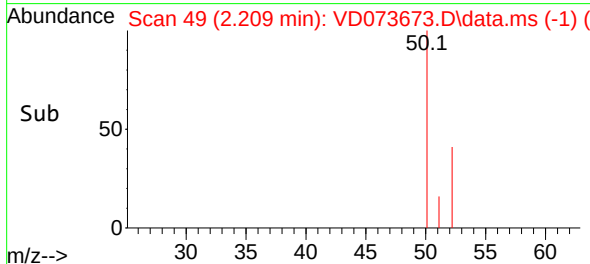
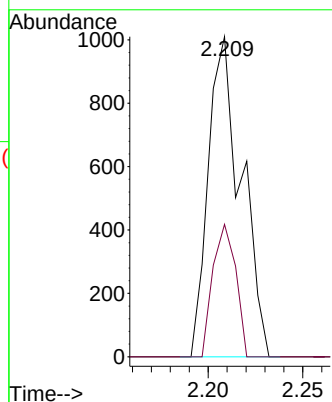
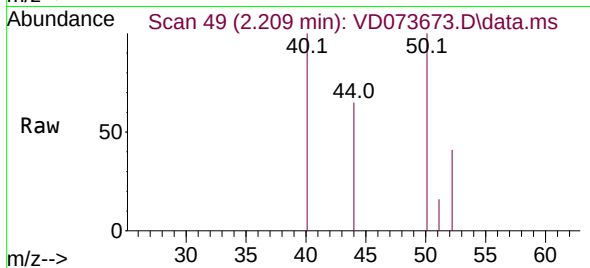




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

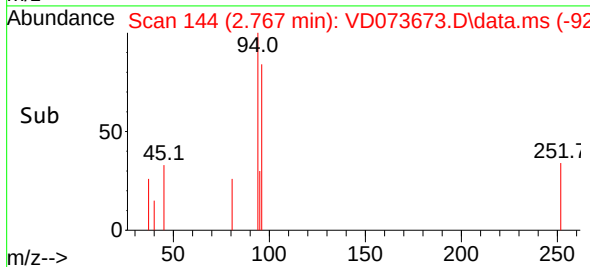
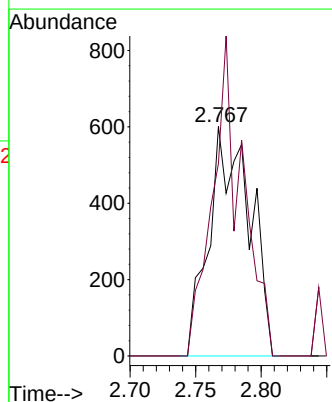
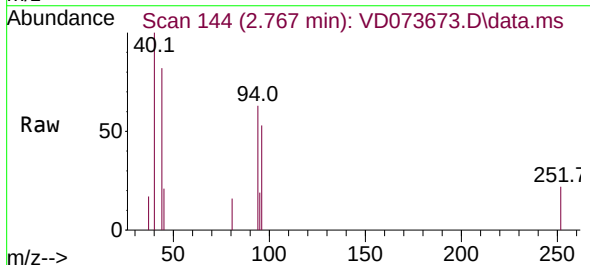
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

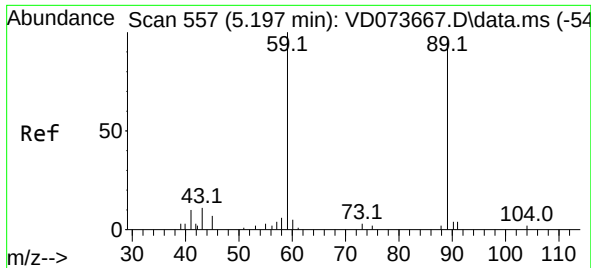
Tgt Ion: 50 Resp: 1222
Ion Ratio Lower Upper
50 100
52 41.4 27.8 41.6



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

Tgt Ion: 94 Resp: 1307
Ion Ratio Lower Upper
94 100
96 83.9 75.1 112.7

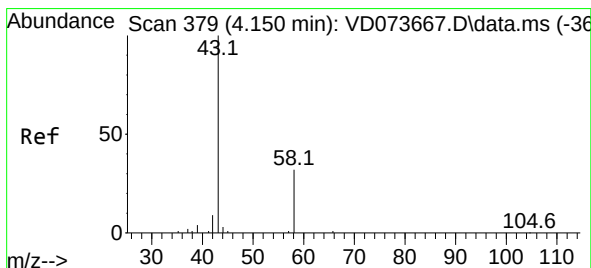
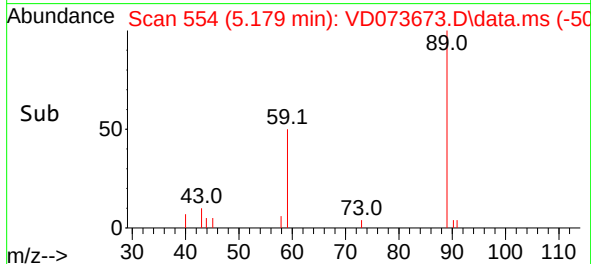
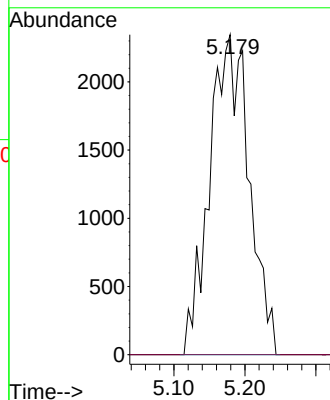
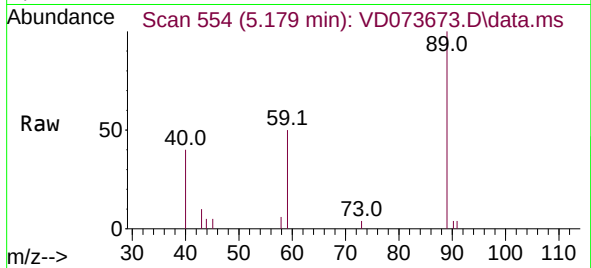




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

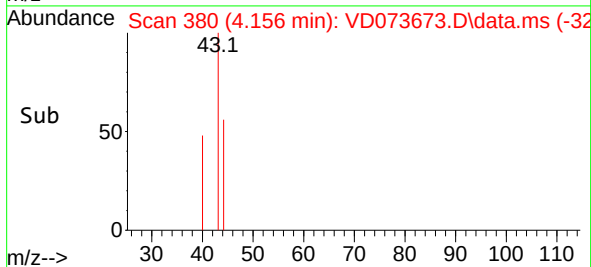
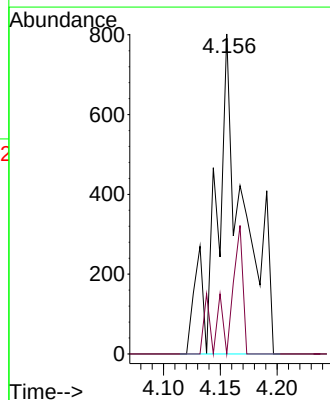
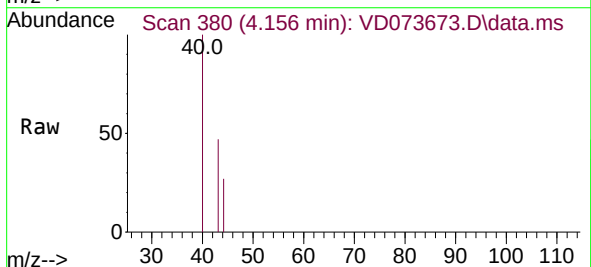
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

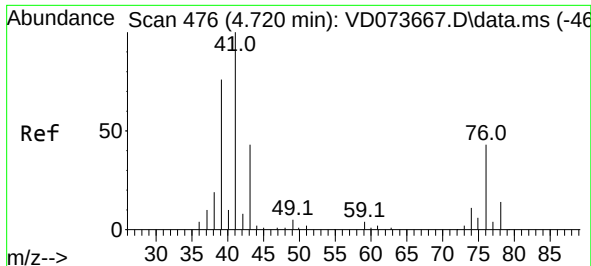
Tgt Ion: 59 Resp: 9085
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

Tgt Ion: 43 Resp: 1354
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#

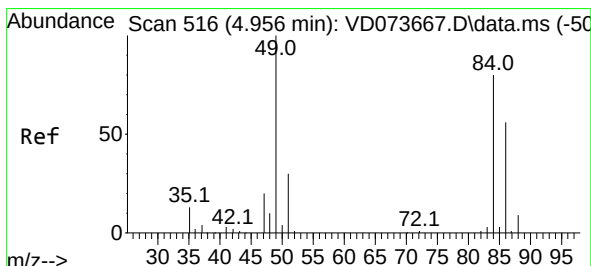
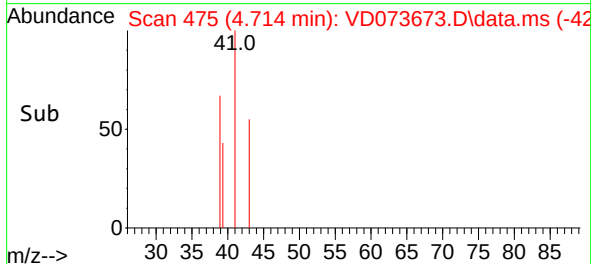
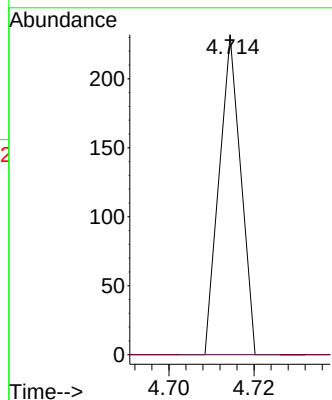
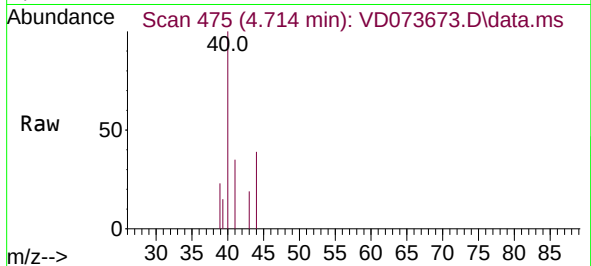




#18
Methyl Acetate
Concen: Below Cal
RT: 4.714 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

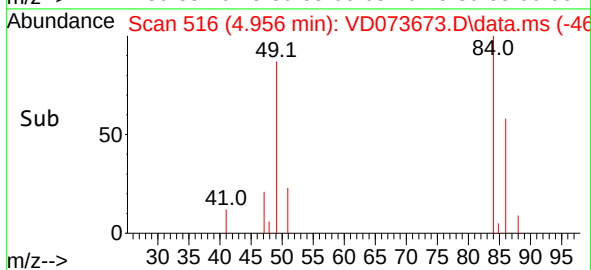
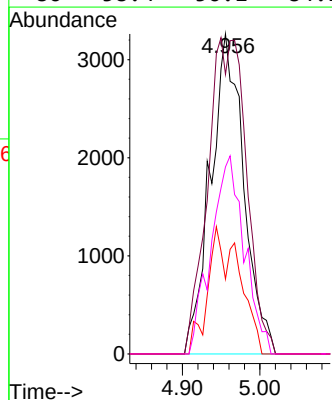
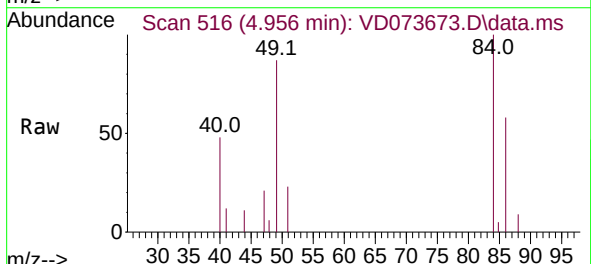
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

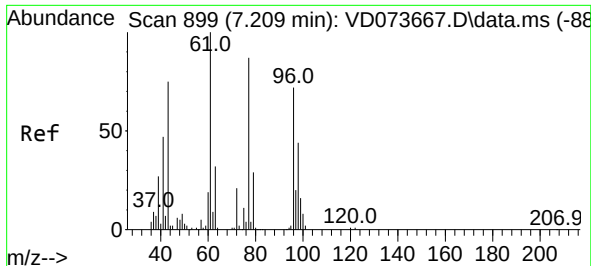
Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

Tgt Ion: 84 Resp: 9710
Ion Ratio Lower Upper
84 100
49 87.3 100.6 150.8#
51 23.4 29.8 44.6#
86 58.4 56.1 84.1

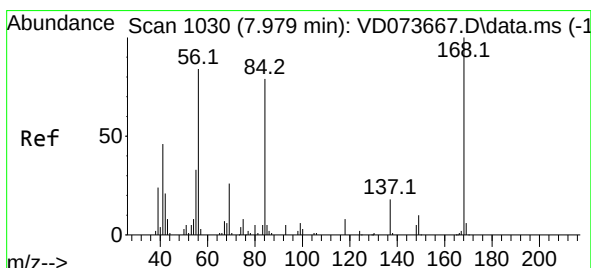
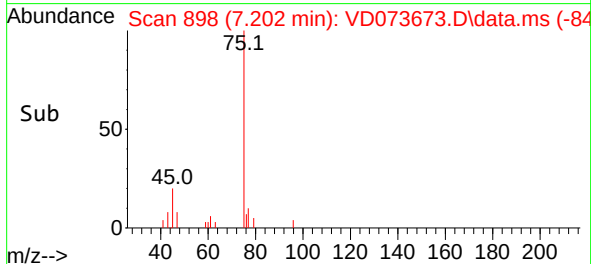
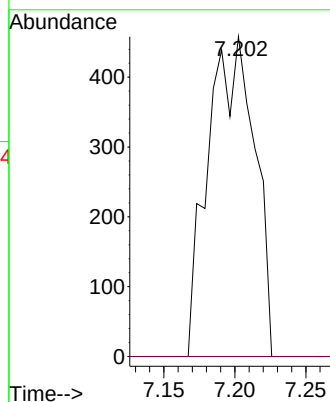
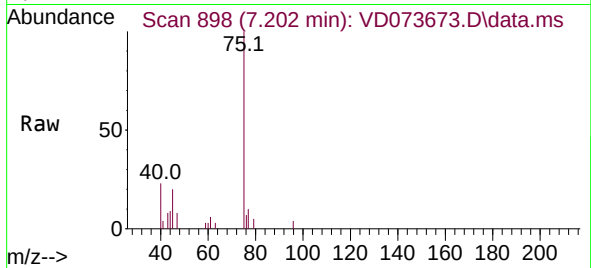




#25
2-Butanone
Concen: 1.438 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

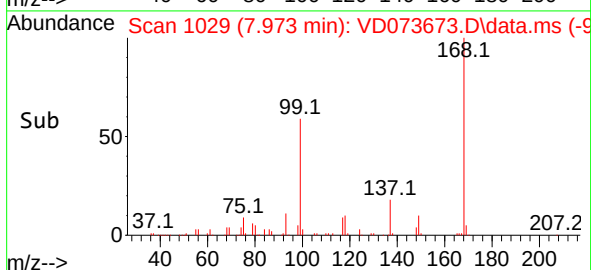
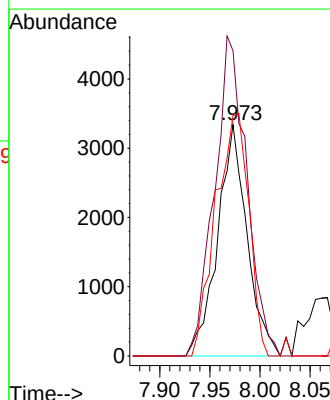
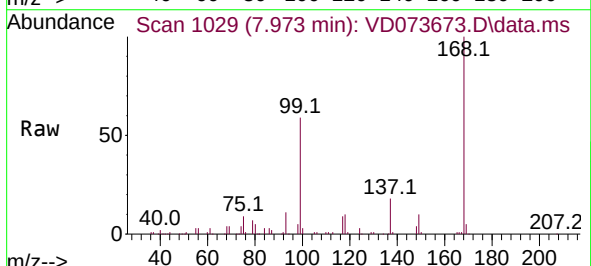
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

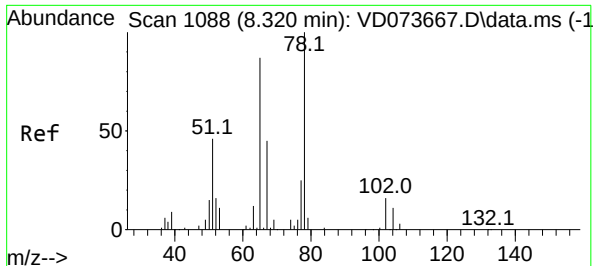
Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
72 0.0 22.6 33.8#



#31
Cyclohexane
Concen: 1.572 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

Tgt Ion: 56 Resp: 6815
Ion Ratio Lower Upper
56 100
69 132.0 25.2 37.8#
84 103.9 75.4 113.2





#33

1,2-Dichloroethane-d4

Concen: 54.177 ug/l

RT: 8.320 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073673.D

Acq: 23 Jun 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

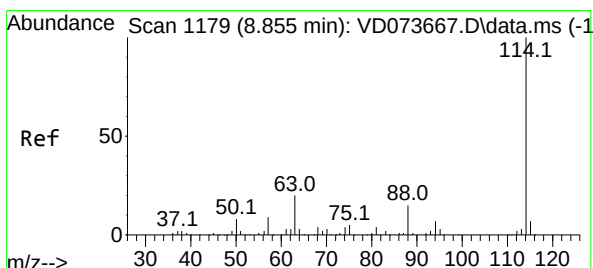
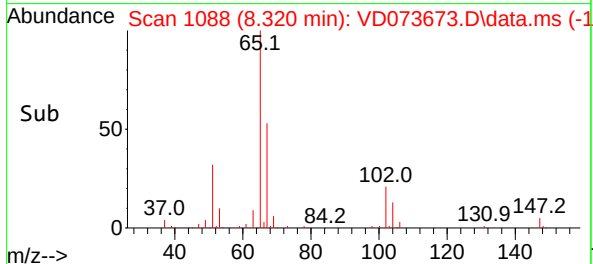
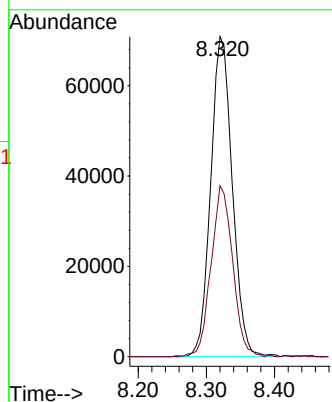
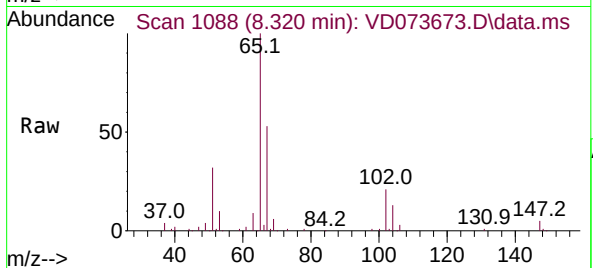
VD0623SBL01

Tgt Ion: 65 Resp: 156553

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073673.D

Acq: 23 Jun 2022 18:45

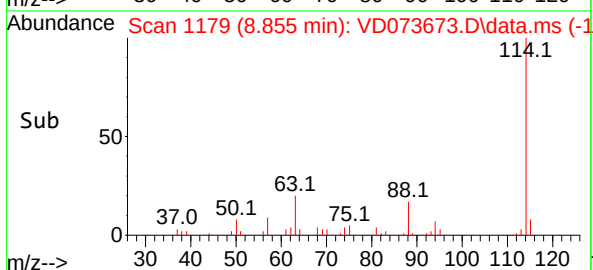
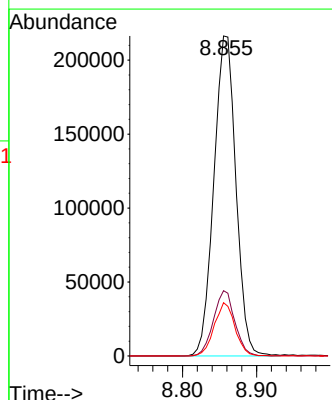
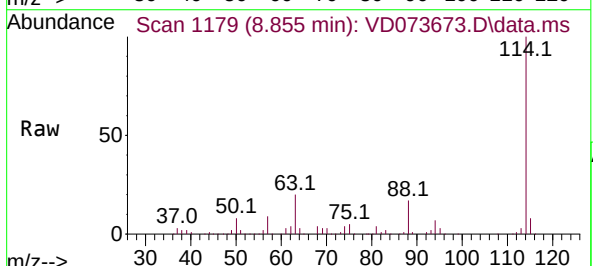
Tgt Ion: 114 Resp: 447196

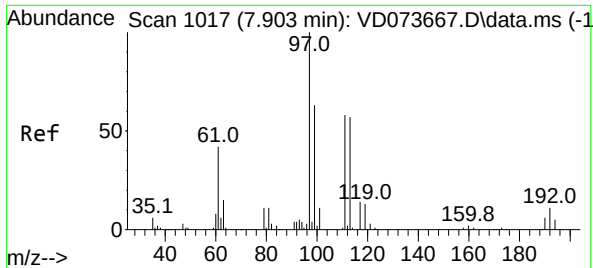
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 16.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 44.149 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD073673.D

Acq: 23 Jun 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBL01

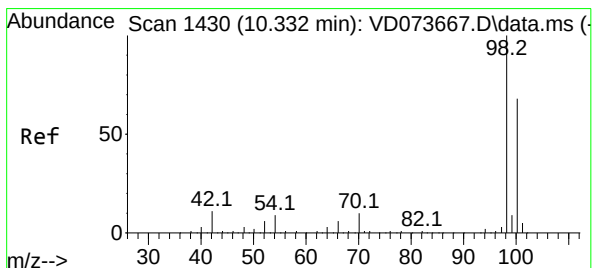
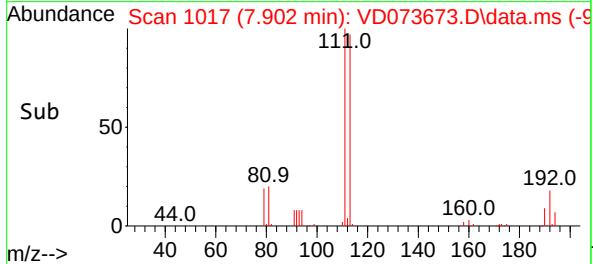
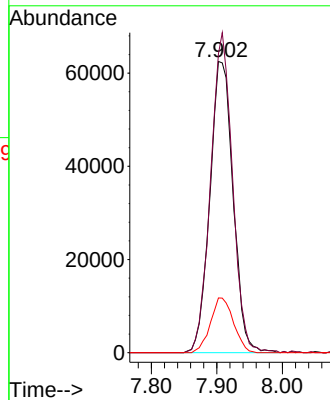
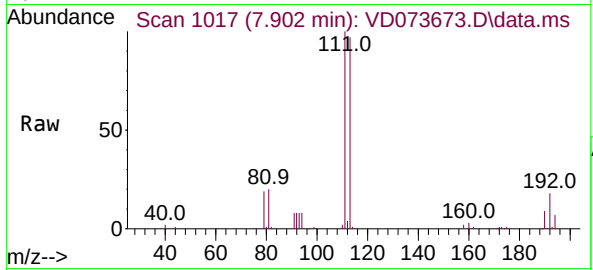
Tgt Ion:113 Resp: 153801

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.6

192 18.6 14.8 22.2



#50

Toluene-d8

Concen: 43.437 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073673.D

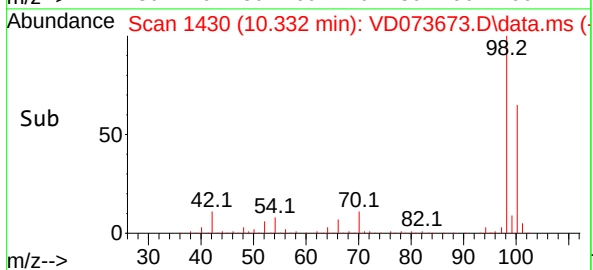
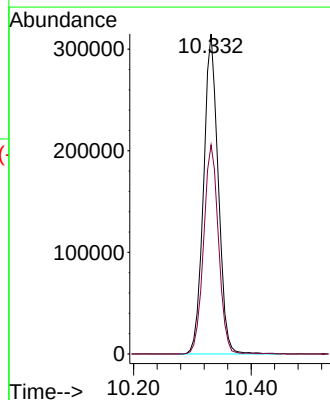
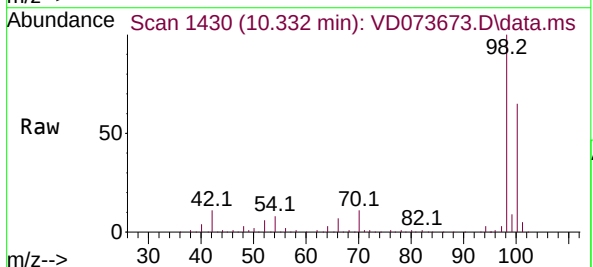
Acq: 23 Jun 2022 18:45

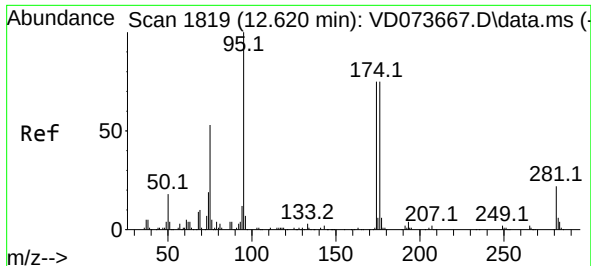
Tgt Ion: 98 Resp: 543313

Ion Ratio Lower Upper

98 100

100 66.5 54.0 81.0

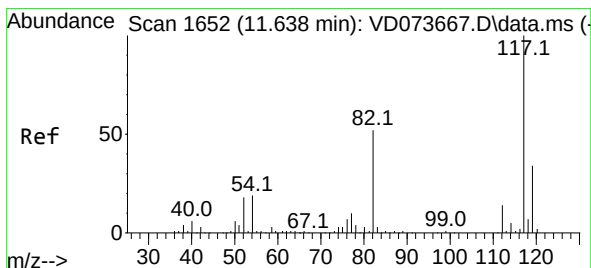
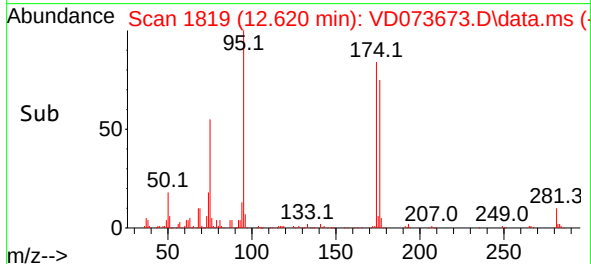
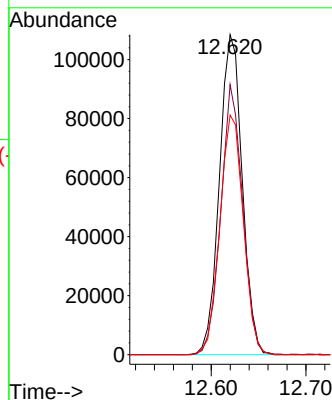
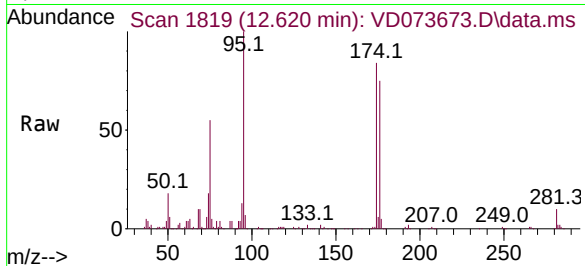




#62
4-Bromofluorobenzene
Concen: 38.678 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

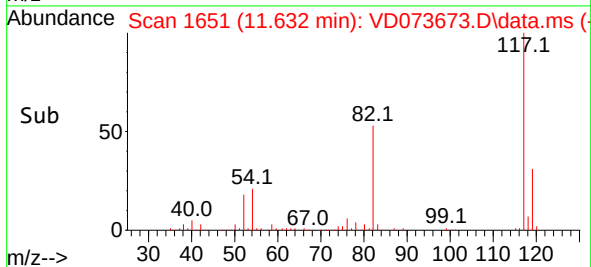
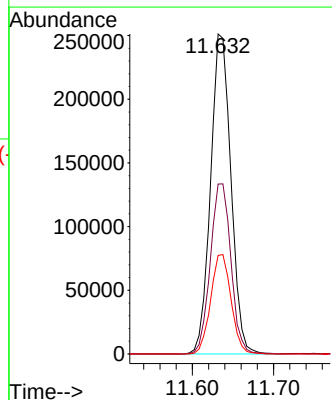
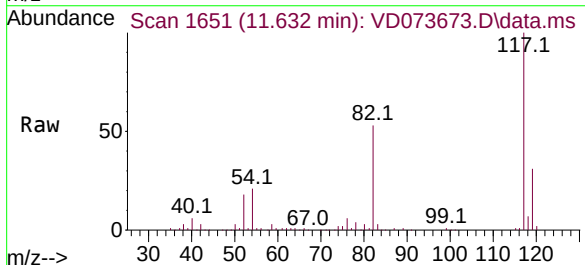
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

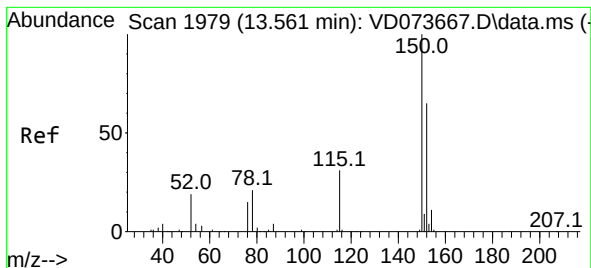
Tgt Ion: 95 Resp: 181454
Ion Ratio Lower Upper
95 100
174 80.5 0.0 158.4
176 76.9 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

Tgt Ion: 117 Resp: 437173
Ion Ratio Lower Upper
117 100
82 53.1 41.5 62.3
119 30.8 27.1 40.7

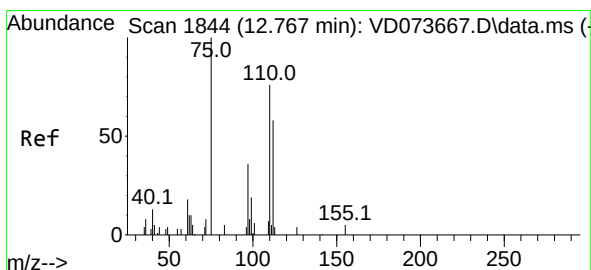
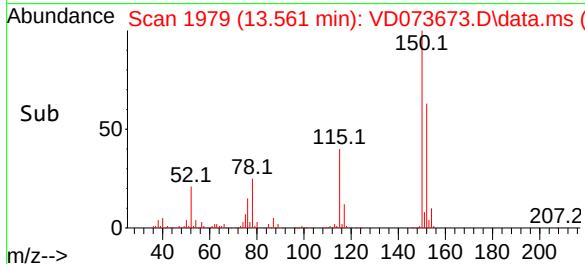
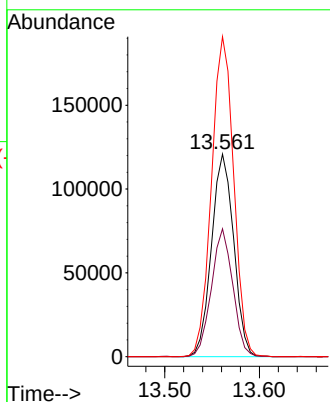
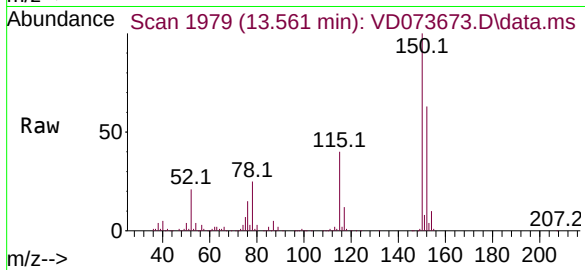




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

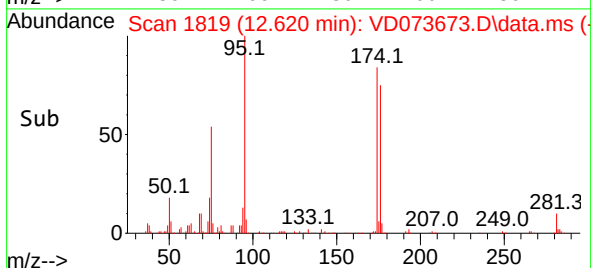
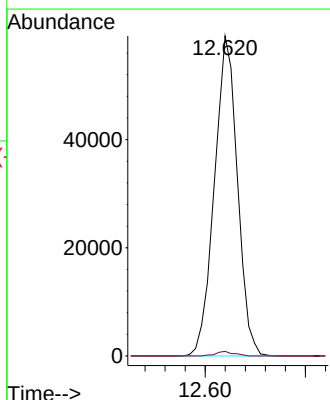
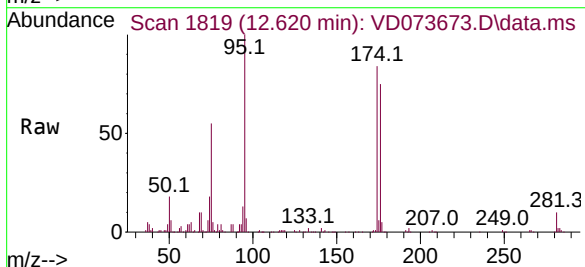
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

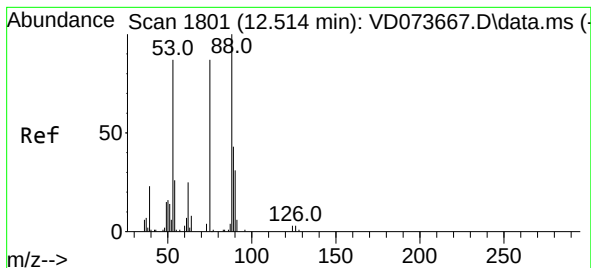
Tgt Ion:152 Resp: 196790
Ion Ratio Lower Upper
152 100
115 60.8 30.6 91.6
150 158.1 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 49.182 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

Tgt Ion: 75 Resp: 94186
Ion Ratio Lower Upper
75 100
77 1.1 195.3 586.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.408 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073673.D
 Acq: 23 Jun 2022 18:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBL01

Tgt Ion: 75 Resp: 94186
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.0 115.6#
 89 0.2 37.8 56.8#

