

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071650.D
 Acq On : 10 Jan 2022 10:34
 Operator : VA/SY
 Sample : VD0110SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 11 04:05:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

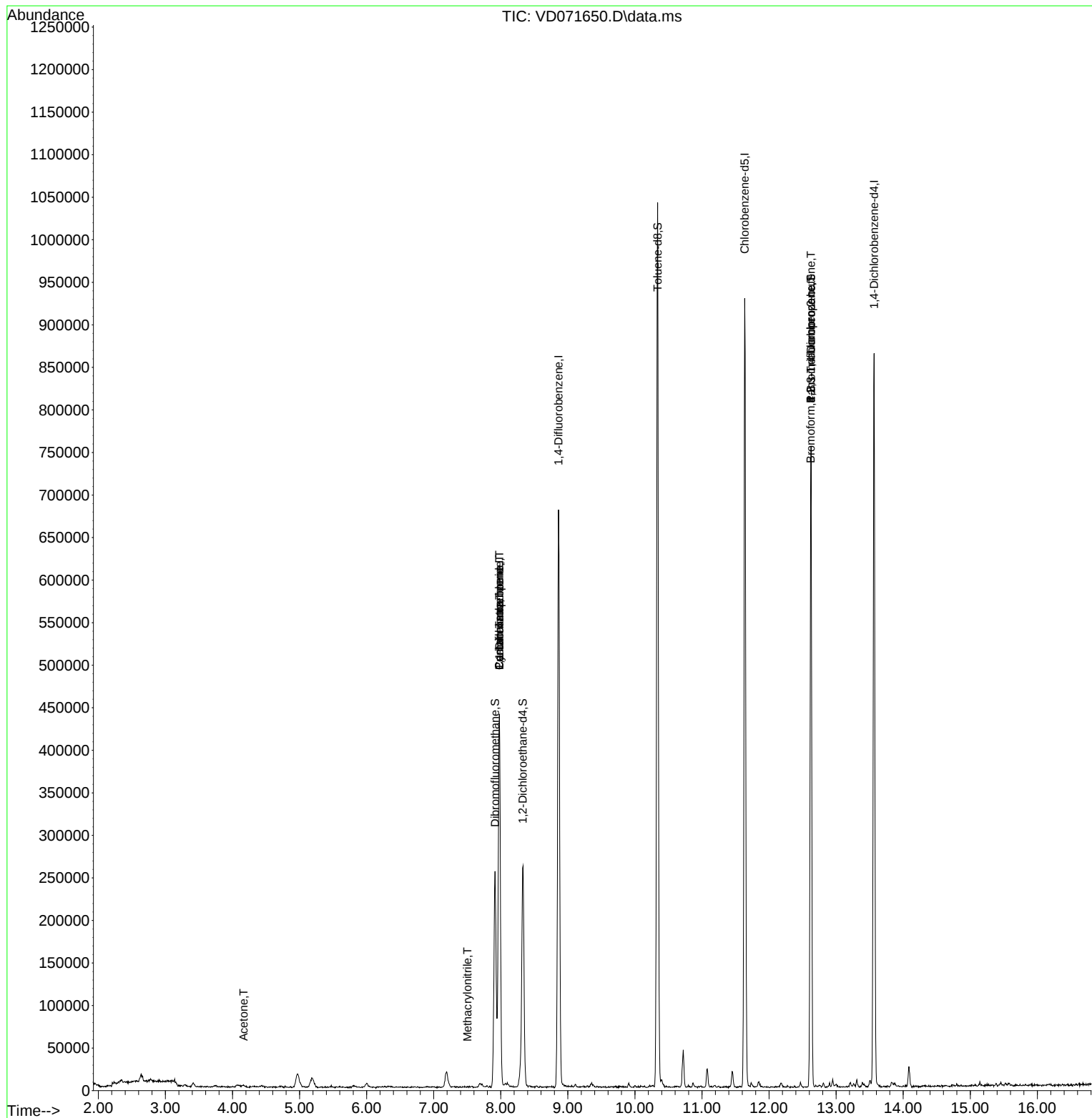
Internal Standards						
1) Pentafluorobenzene	7.979	168	296988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	535340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	473802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	204426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	211372	55.313	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.620%			
35) Dibromofluoromethane	7.914	113	173292	48.981	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.960%			
50) Toluene-d8	10.338	98	657353	49.635	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.626	95	208304	44.636	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	819	Below Cal	#	66
3) Chloromethane	2.209	50	1614	Below Cal		93
11) Tert butyl alcohol	5.197	59	10779	Below Cal	#	77
16) Acetone	4.167	43	3893	4.413	ug/l	96
18) Methyl Acetate	4.703	43	196	Below Cal	#	56
20) Methylene Chloride	4.962	84	5229	Below Cal		90
31) Cyclohexane	7.979	56	10389	2.272	ug/l #	31
36) 1,1-Dichloropropene	7.979	75	29539	5.853	ug/l #	53
38) Carbon Tetrachloride	7.979	117	32370	6.334	ug/l #	19
41) Methacrylonitrile	7.503	41	136	1.222	ug/l #	48
71) Bromoform	12.620	173	2063	1.229	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	123004	62.270	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	123004	173.602	ug/l #	3

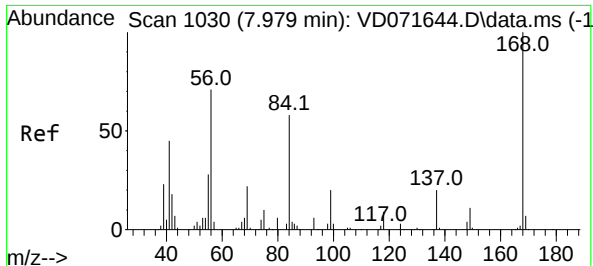
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 11 04:05:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration

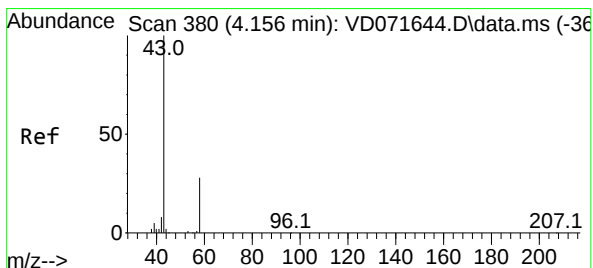
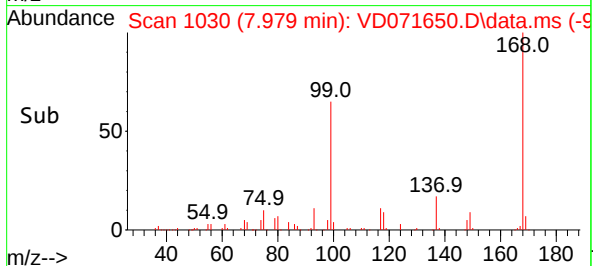
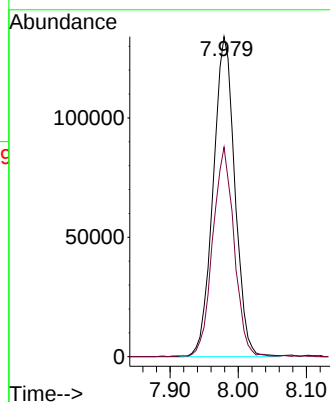
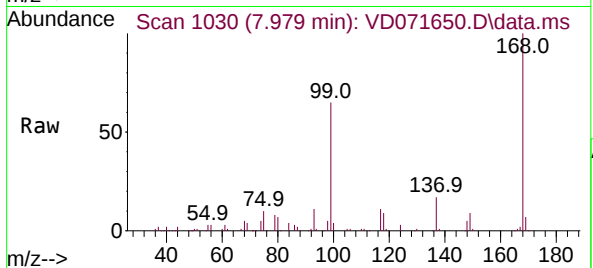




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071650.D
Acq: 10 Jan 2022 10:34

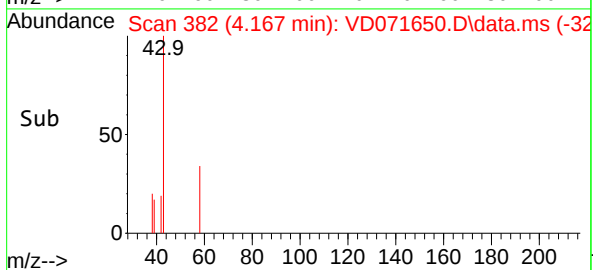
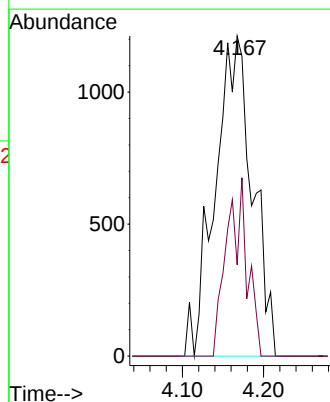
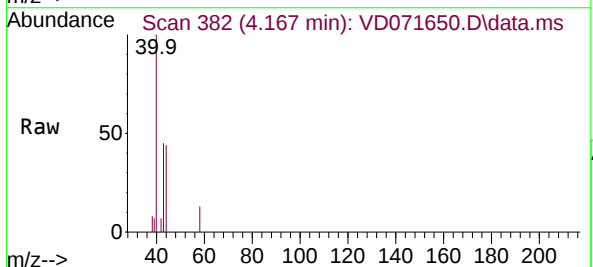
Instrument :
MSVOA_D
ClientSampleId :

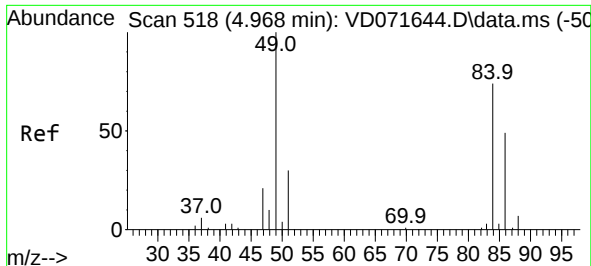
Tgt Ion:168 Resp: 296988
Ion Ratio Lower Upper
168 100
99 65.2 51.8 77.6



#16
Acetone
Concen: 4.413 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071650.D
Acq: 10 Jan 2022 10:34

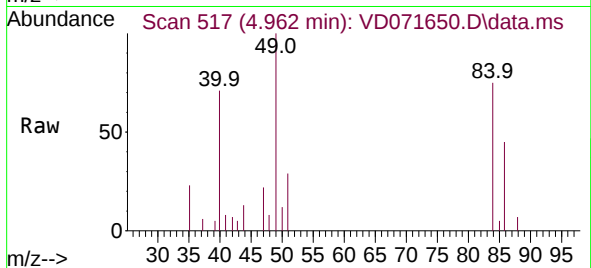
Tgt Ion: 43 Resp: 3893
Ion Ratio Lower Upper
43 100
58 28.5 21.0 31.6





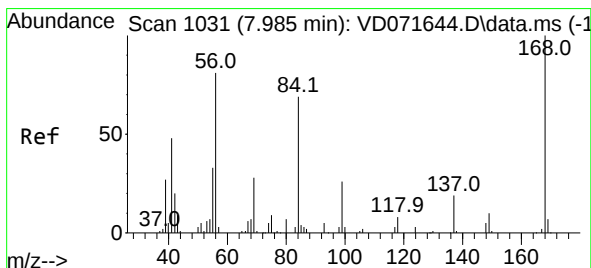
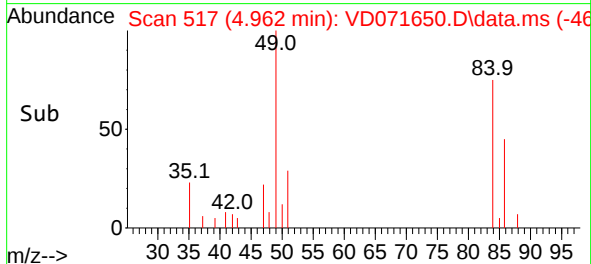
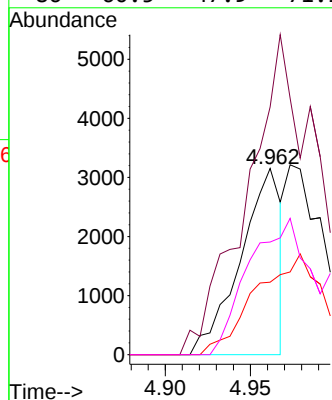
#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD071650.D
Acq: 10 Jan 2022 10:34

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 5229

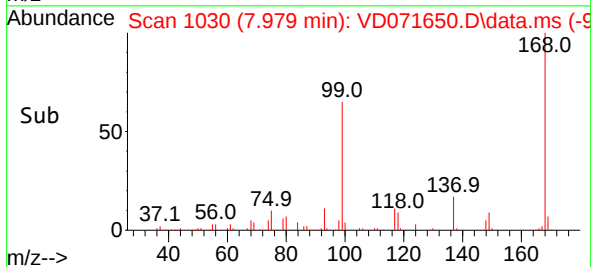
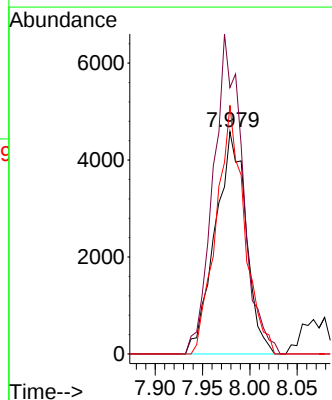
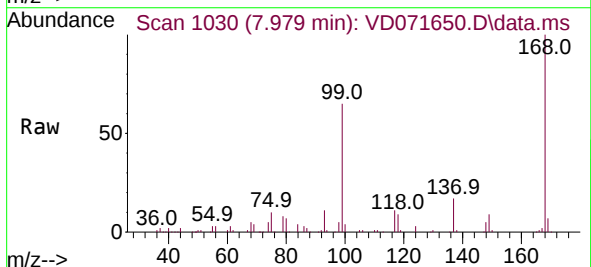
Ion	Ratio	Lower	Upper
84	100		
49	133.0	118.6	178.0
51	38.9	37.8	56.6
86	60.5	47.9	71.9

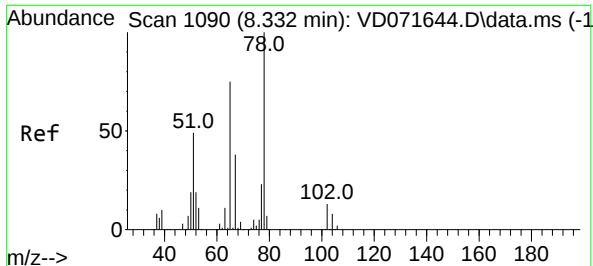


#31
Cyclohexane
Concen: 2.272 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD071650.D
Acq: 10 Jan 2022 10:34

Tgt Ion: 56 Resp: 10389

Ion	Ratio	Lower	Upper
56	100		
69	119.9	21.7	32.5#
84	111.9	65.7	98.5#





#33

1,2-Dichloroethane-d4

Concen: 55.313 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071650.D

Acq: 10 Jan 2022 10:34

Instrument :

MSVOA_D

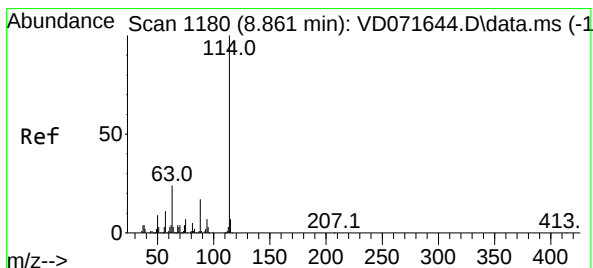
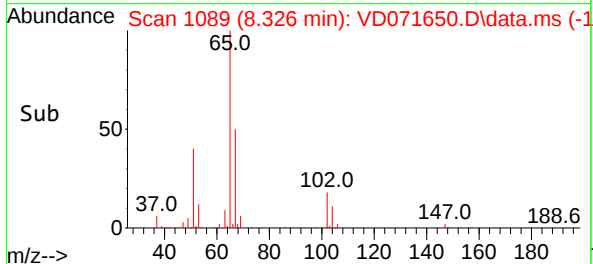
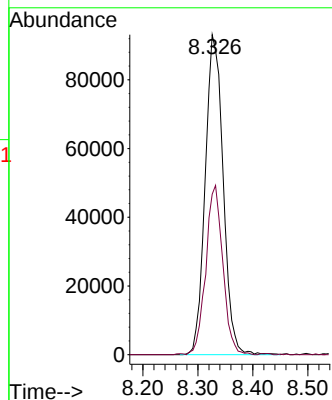
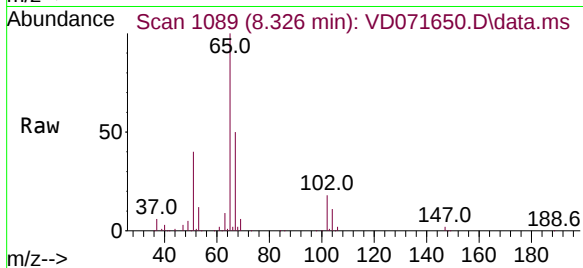
ClientSampleId :

Tgt Ion: 65 Resp: 211372

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071650.D

Acq: 10 Jan 2022 10:34

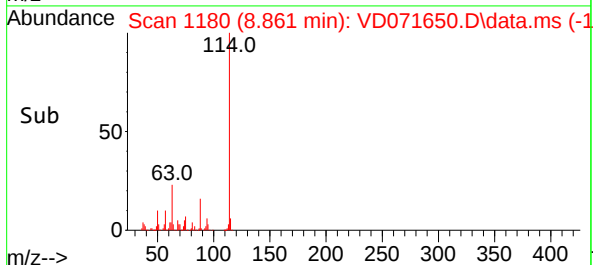
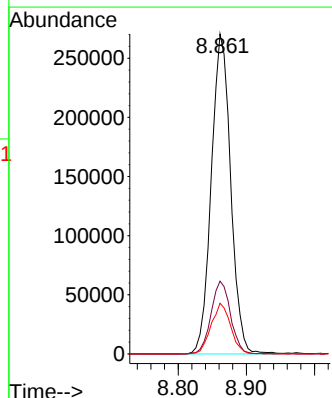
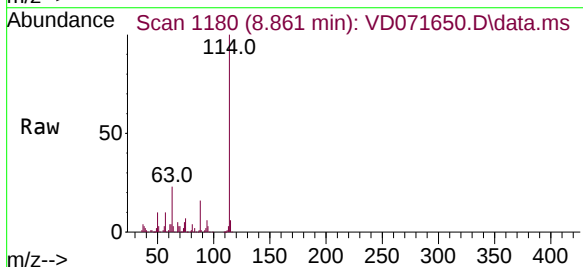
Tgt Ion: 114 Resp: 535340

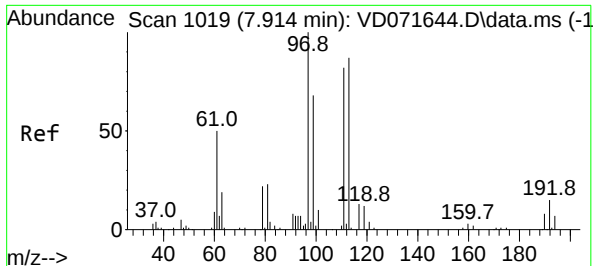
Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.2

88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.981 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071650.D

Acq: 10 Jan 2022 10:34

Instrument :

MSVOA_D

ClientSampleId :

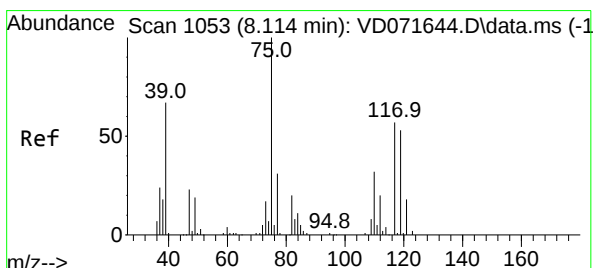
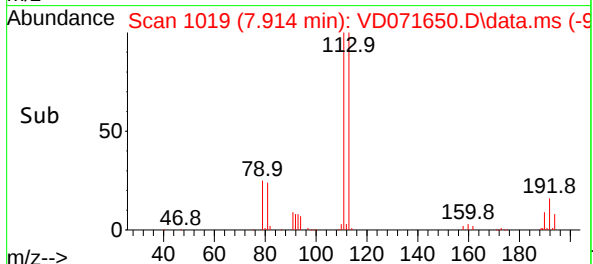
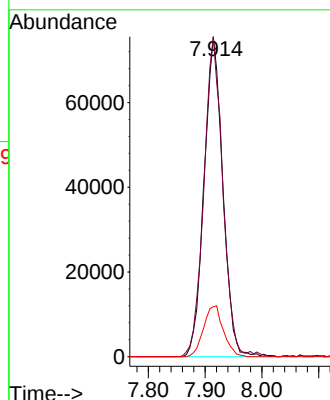
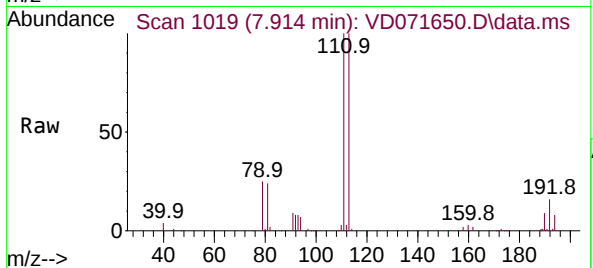
Tgt Ion:113 Resp: 173292

Ion Ratio Lower Upper

113 100

111 100.0 82.2 123.4

192 16.7 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.853 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071650.D

Acq: 10 Jan 2022 10:34

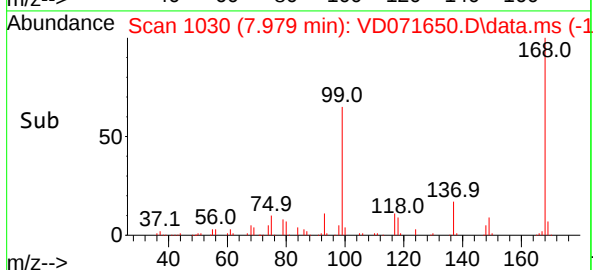
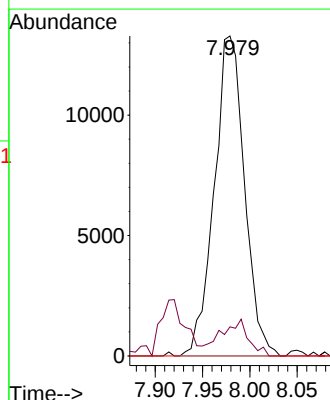
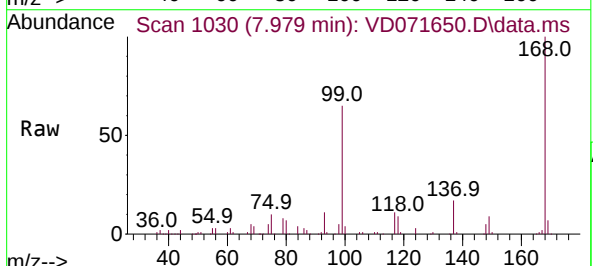
Tgt Ion: 75 Resp: 29539

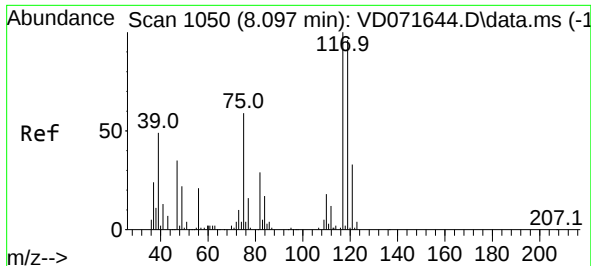
Ion Ratio Lower Upper

75 100

110 10.5 16.0 48.0#

77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.334 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.117 min

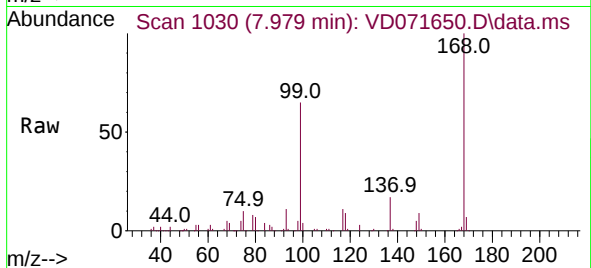
Lab File: VD071650.D

Acq: 10 Jan 2022 10:34

Instrument :

MSVOA_D

ClientSampleId :



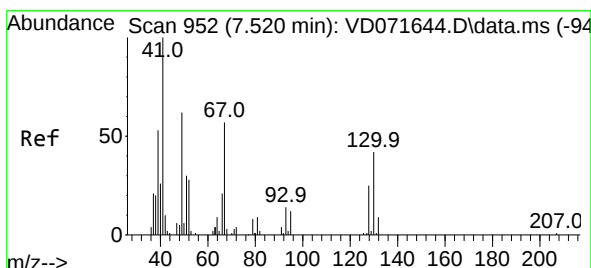
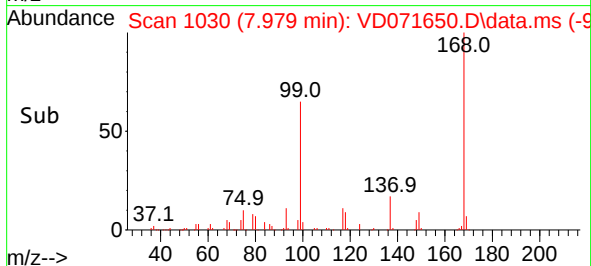
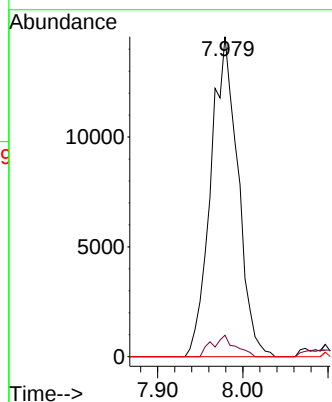
Tgt Ion:117 Resp: 32370

Ion Ratio Lower Upper

117 100

119 6.7 73.4 110.2#

121 0.0 23.9 35.9#



#41

Methacrylonitrile

Concen: 1.222 ug/l

RT: 7.503 min Scan# 949

Delta R.T. -0.017 min

Lab File: VD071650.D

Acq: 10 Jan 2022 10:34

Tgt Ion: 41 Resp: 136

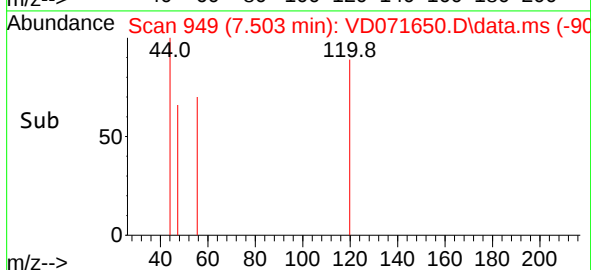
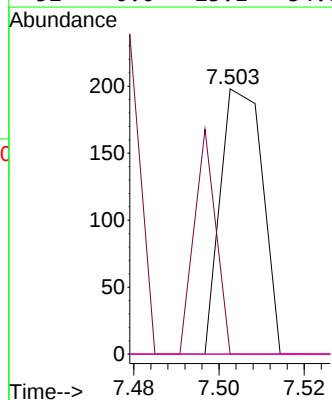
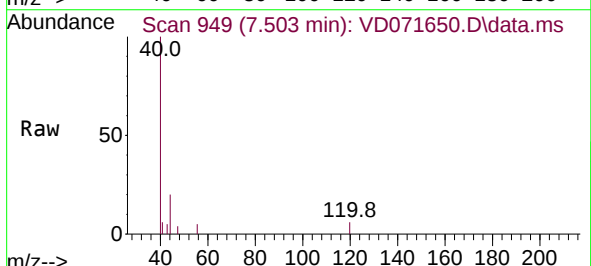
Ion Ratio Lower Upper

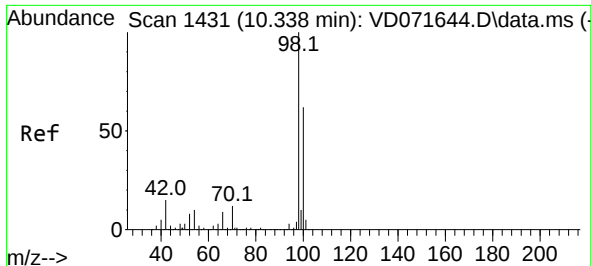
41 100

39 43.4 46.9 70.3#

67 0.0 49.3 73.9#

52 0.0 23.1 34.7#

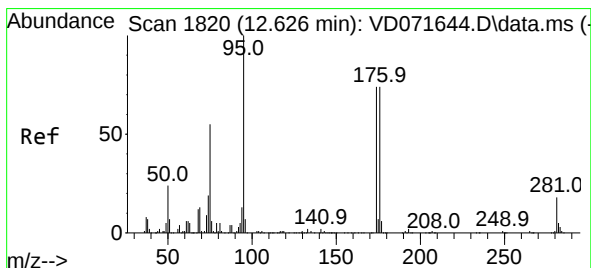
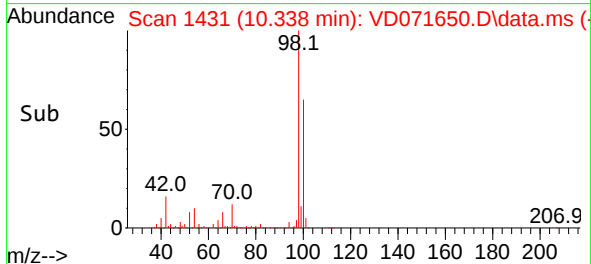
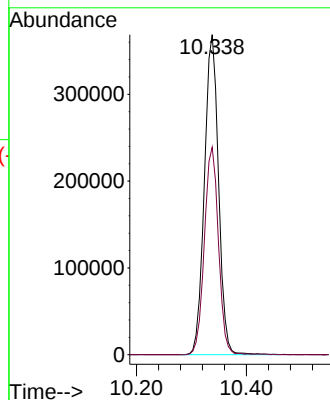
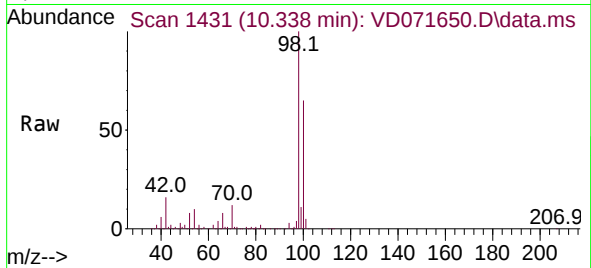




#50
Toluene-d8
Concen: 49.635 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071650.D
Acq: 10 Jan 2022 10:34

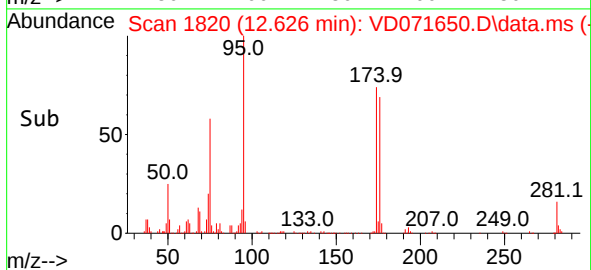
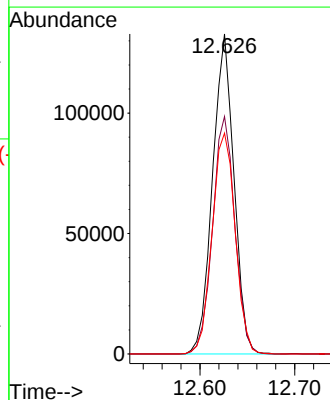
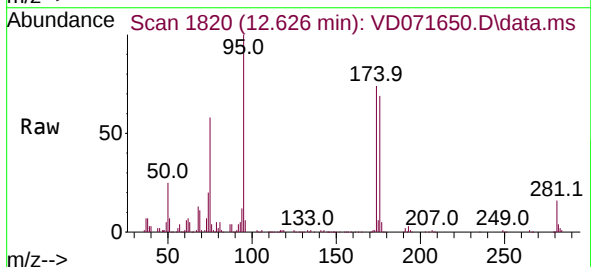
Instrument :
MSVOA_D
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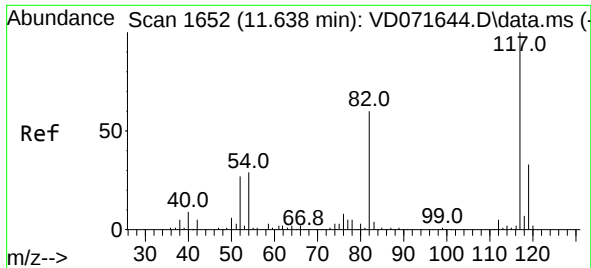
Tgt Ion: 98 Resp: 657353
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.636 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071650.D
Acq: 10 Jan 2022 10:34

Tgt Ion: 95 Resp: 208304
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.0
176 74.6 0.0 146.4

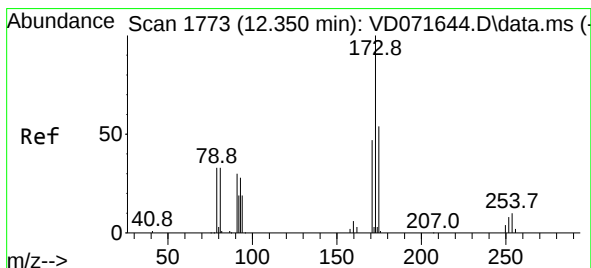
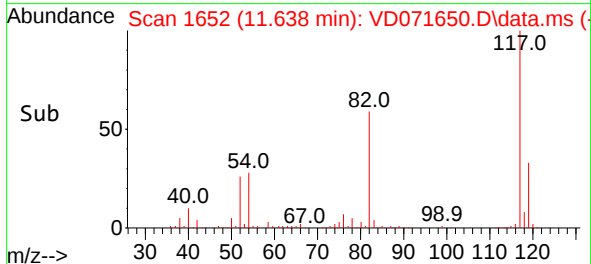
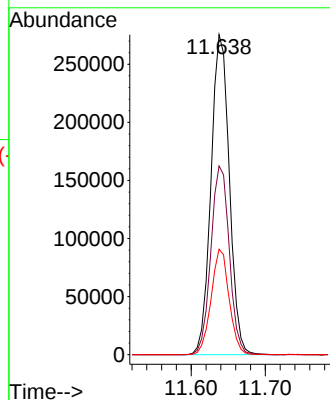
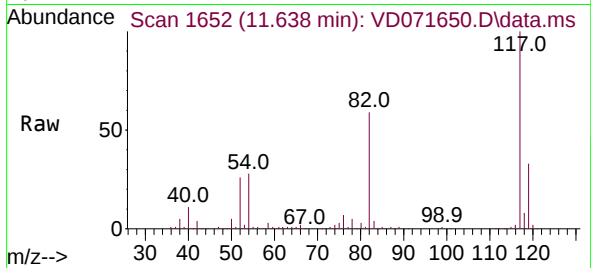




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071650.D
Acq: 10 Jan 2022 10:34

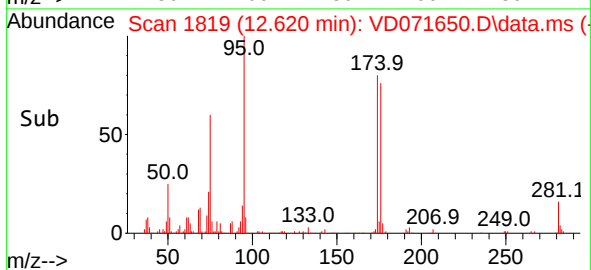
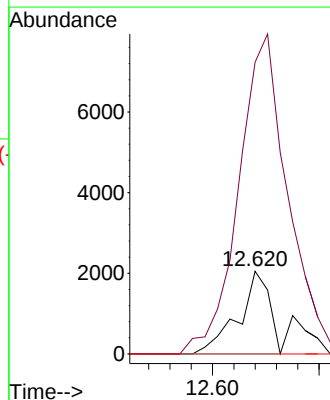
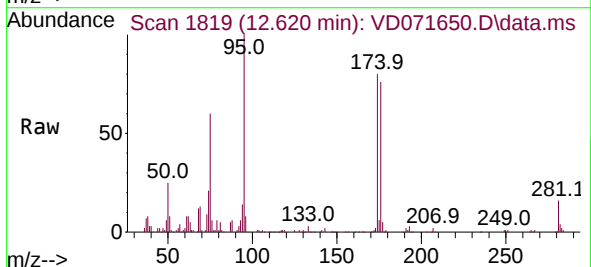
Instrument :
MSVOA_D
ClientSampleId :

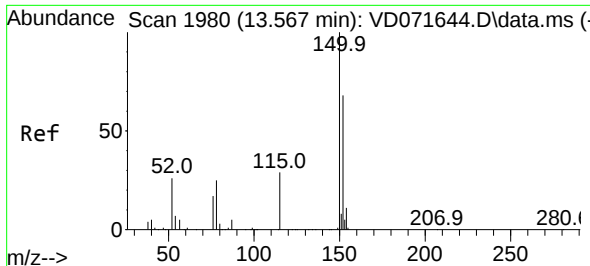
Tgt Ion:117 Resp: 473802
Ion Ratio Lower Upper
117 100
82 59.0 46.9 70.3
119 33.0 26.6 39.8



#71
Bromoform
Concen: 1.229 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071650.D
Acq: 10 Jan 2022 10:34

Tgt Ion:173 Resp: 2063
Ion Ratio Lower Upper
173 100
175 503.9 24.4 73.2#
254 0.0 0.1 0.1#

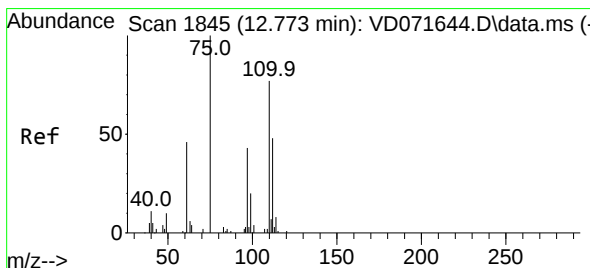
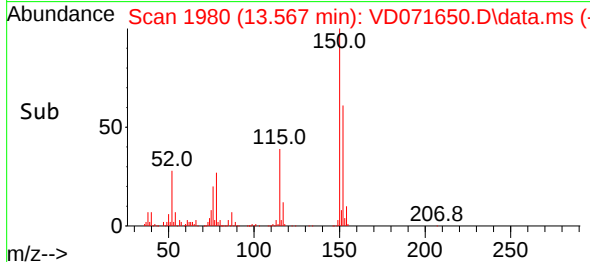
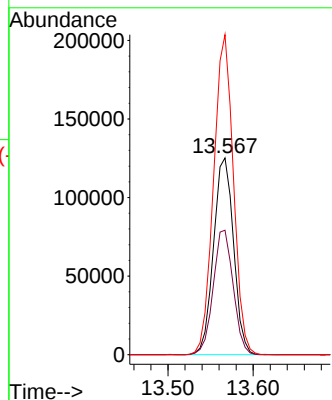
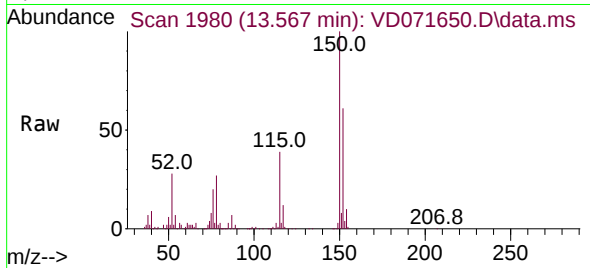




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071650.D
 Acq: 10 Jan 2022 10:34

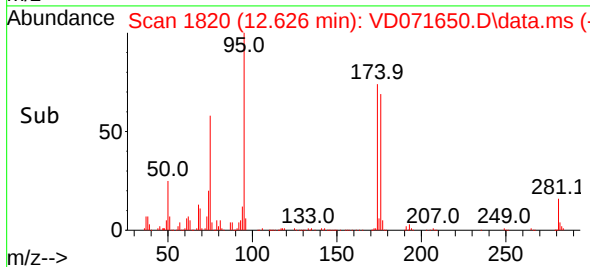
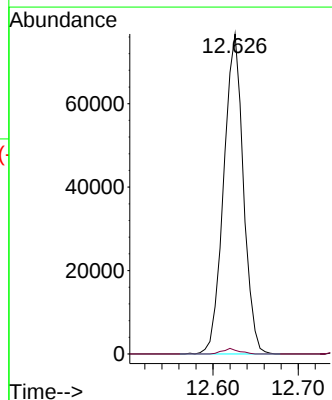
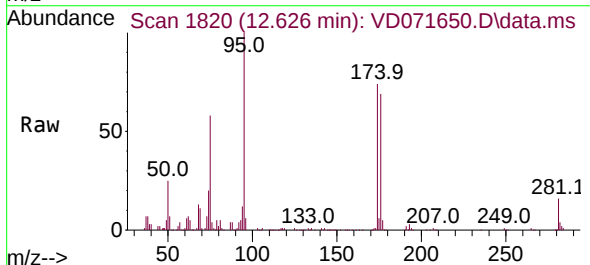
Instrument :
 MSVOA_D
 ClientSampleId :

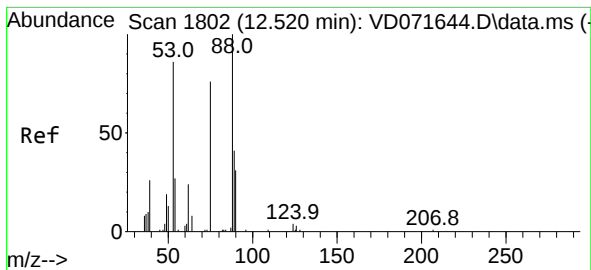
Tgt Ion:152 Resp: 204426
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.5 94.5
 150 160.5 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 62.270 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071650.D
 Acq: 10 Jan 2022 10:34

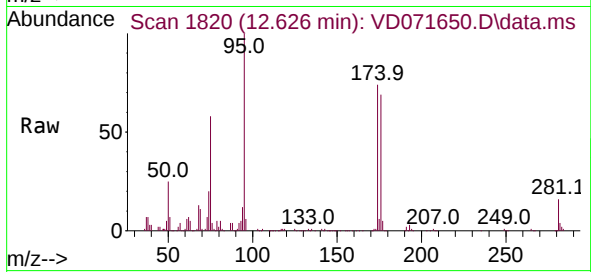
Tgt Ion: 75 Resp: 123004
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 173.602 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071650.D
 Acq: 10 Jan 2022 10:34

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 123004
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.4 143.0#
 89 0.2 37.2 55.8#

