

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072025.D
 Acq On : 21 Feb 2022 10:28
 Operator : VA/SY
 Sample : VD0221SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBL01

Quant Time: Feb 22 00:32:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

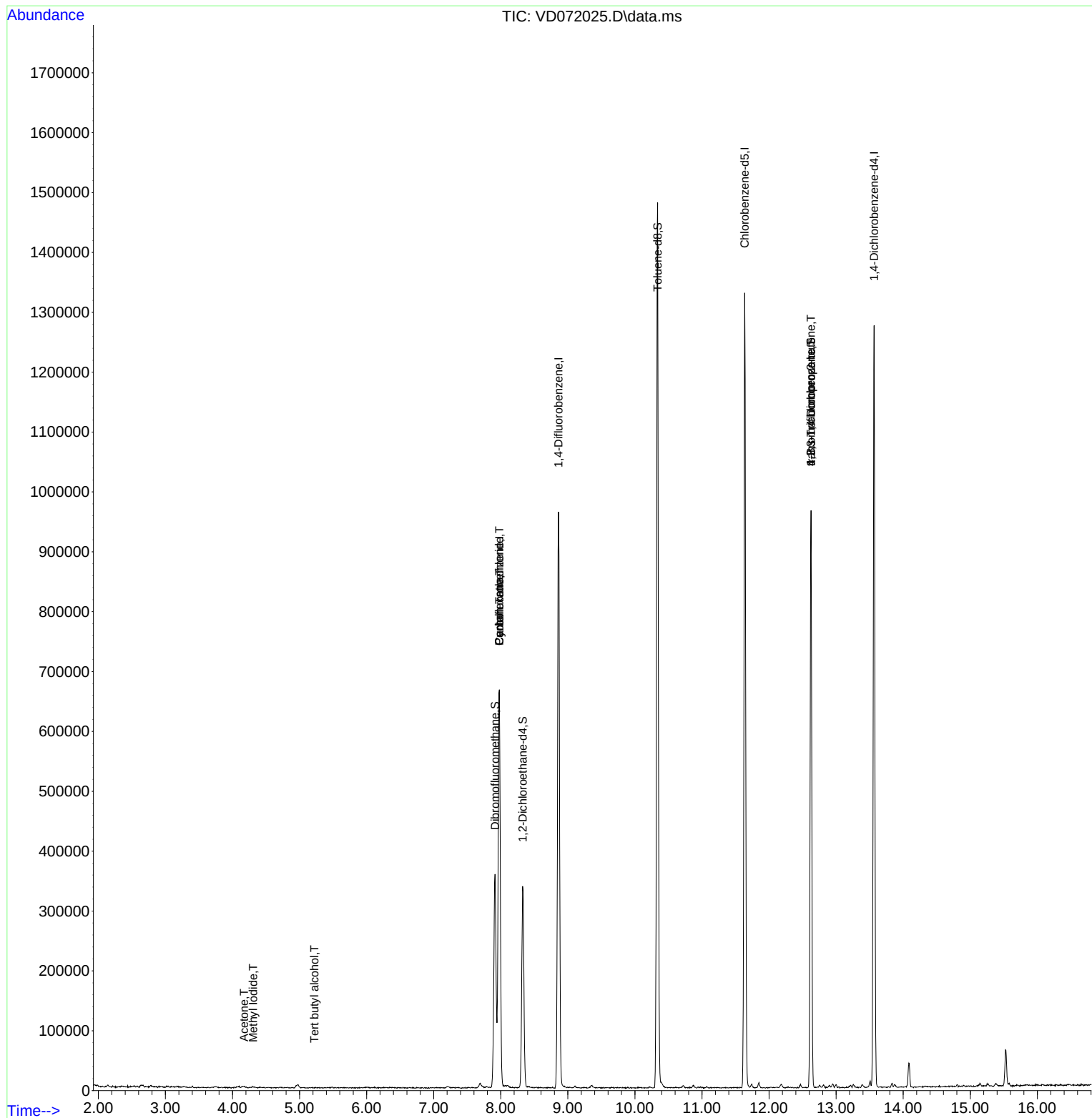
Internal Standards						
1) Pentafluorobenzene	7.979	168	497329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	836912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	755933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	338376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267245	51.804	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.600%	
35) Dibromofluoromethane	7.914	113	259508	51.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.360%	
50) Toluene-d8	10.338	98	988889	52.590	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.180%	
62) 4-Bromofluorobenzene	12.626	95	323874	46.889	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.780%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	1668	Below Cal	#	51
10) Methyl Iodide	4.309	142	1987	3.255	ug/l #	73
11) Tert butyl alcohol	5.220	59	369	1.254	ug/l #	80
16) Acetone	4.173	43	4306	3.862	ug/l	89
18) Methyl Acetate	4.720	43	162	Below Cal	#	52
31) Cyclohexane	7.979	56	11847	1.300	ug/l #	31
38) Carbon Tetrachloride	7.979	117	52060	6.613	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	162751	50.777	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	162751	127.158	ug/l #	10

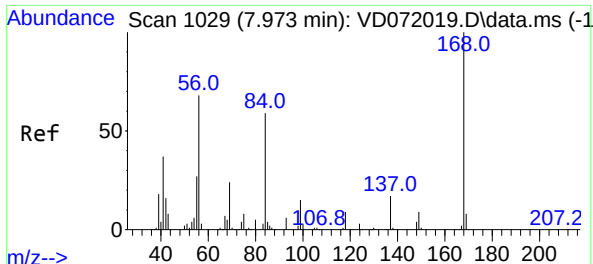
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

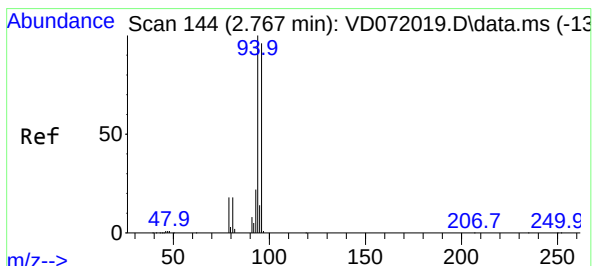
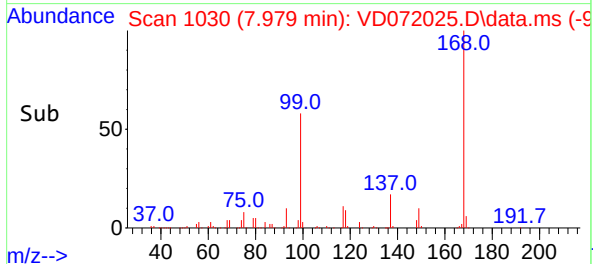
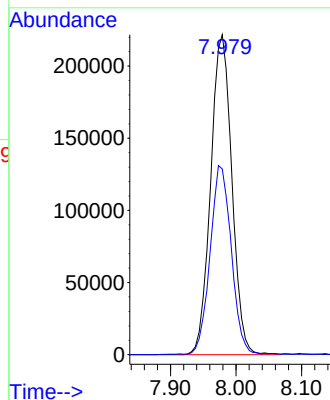
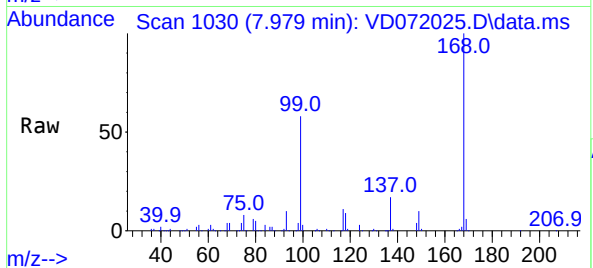




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

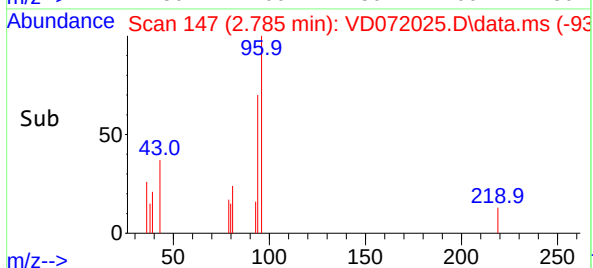
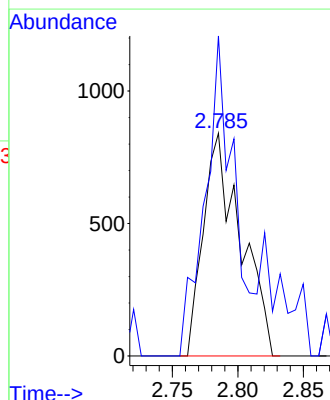
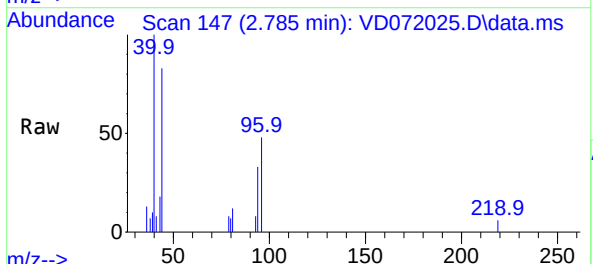
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

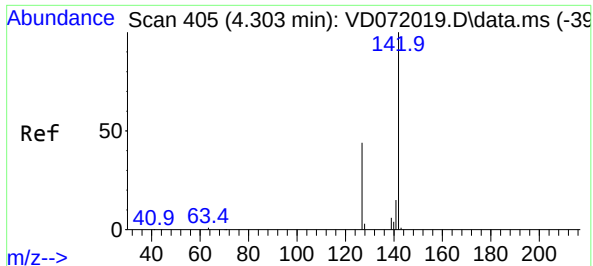
Tgt Ion:168 Resp: 497329
Ion Ratio Lower Upper
168 100
99 57.8 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

Tgt Ion: 94 Resp: 1668
Ion Ratio Lower Upper
94 100
96 143.6 76.8 115.2#

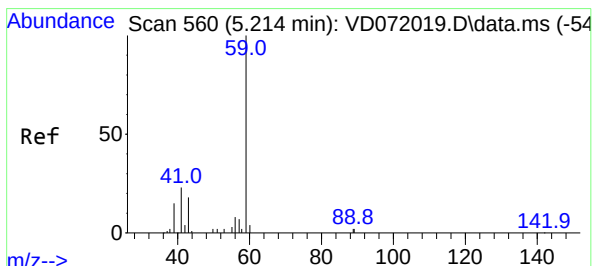
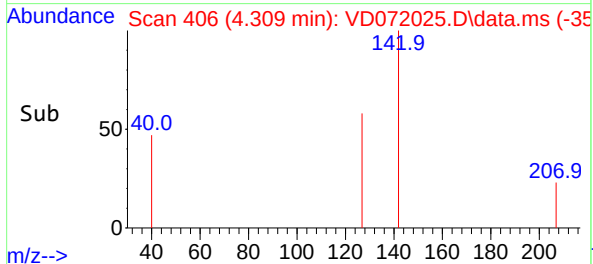
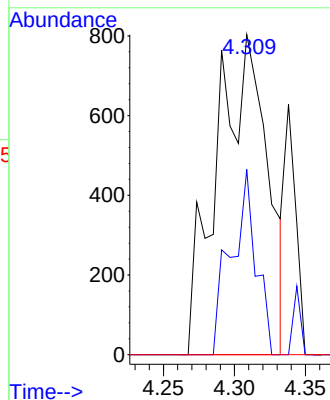
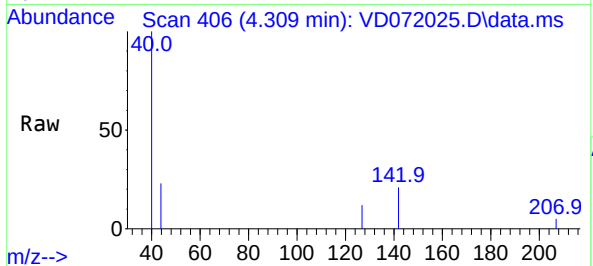




#10
Methyl Iodide
Concen: 3.255 ug/l
RT: 4.309 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

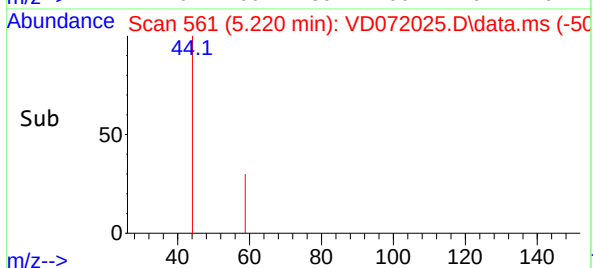
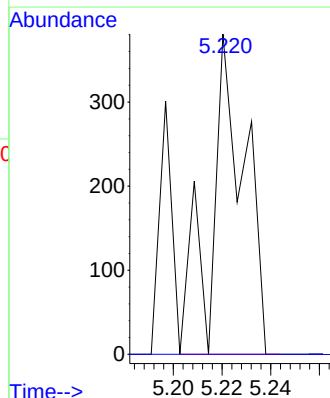
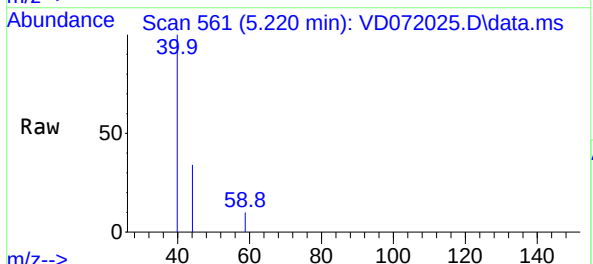
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

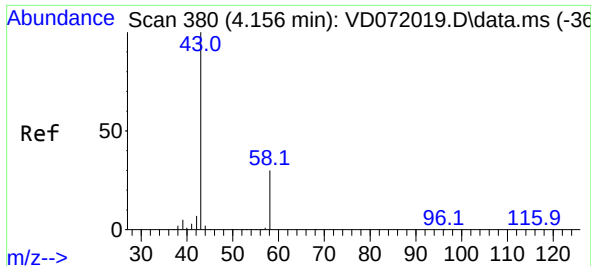
Tgt Ion:142 Resp: 1987
Ion Ratio Lower Upper
142 100
127 28.7 35.8 53.8#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.254 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.006 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

Tgt Ion: 59 Resp: 369
Ion Ratio Lower Upper
59 100
57 0.0 5.4 8.2#

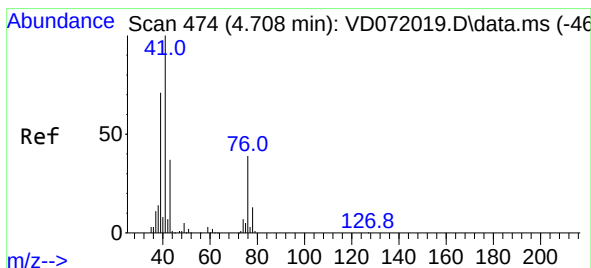
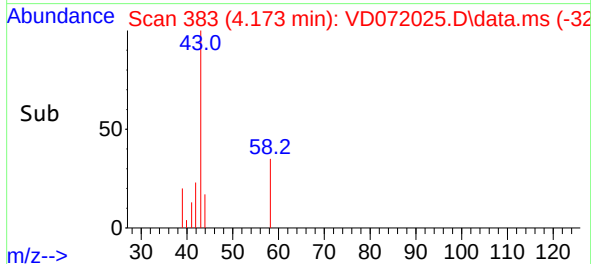
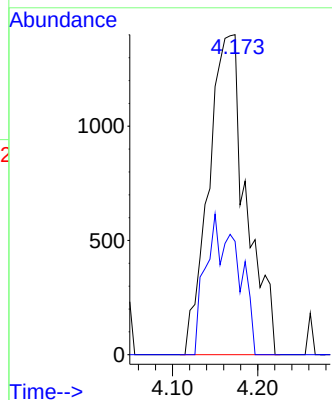
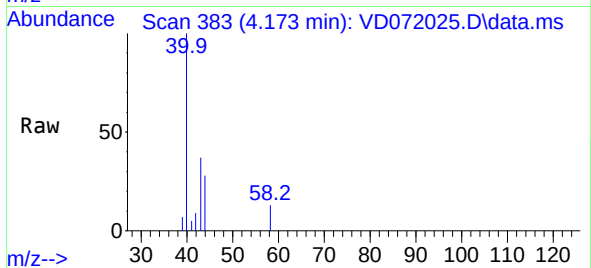




#16
Acetone
Concen: 3.862 ug/l
RT: 4.173 min Scan# 31
Delta R.T. 0.017 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

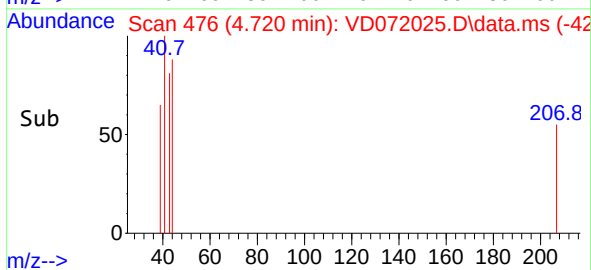
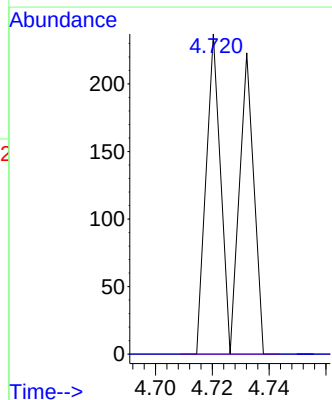
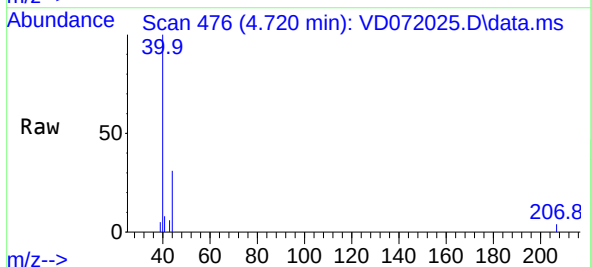
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

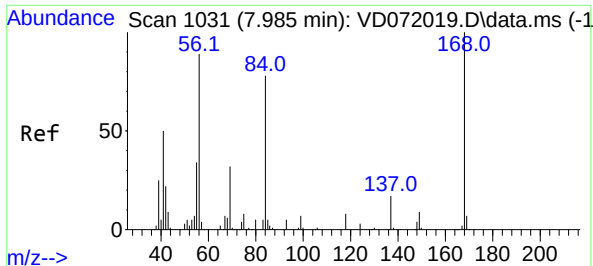
Tgt Ion: 43 Resp: 4306
Ion Ratio Lower Upper
43 100
58 35.4 23.8 35.6



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.012 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

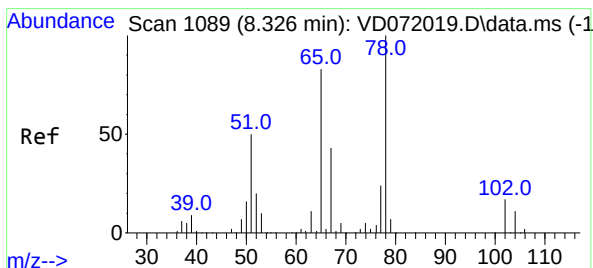
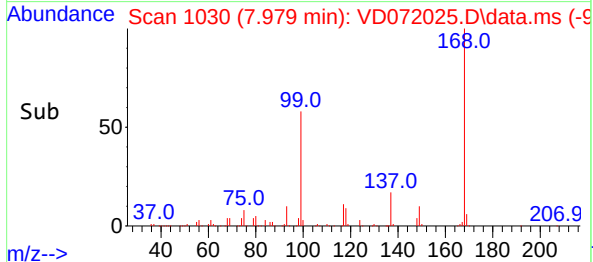
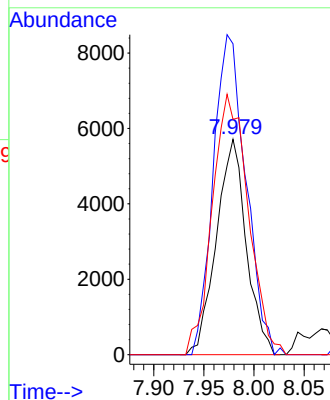
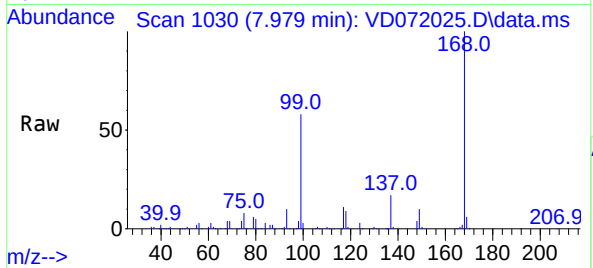




#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

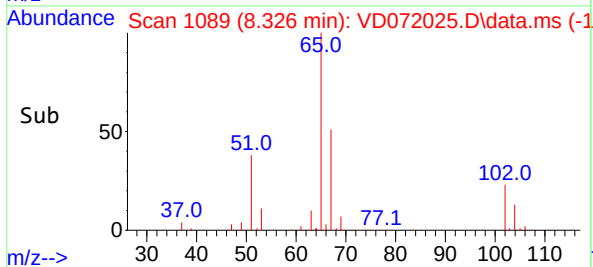
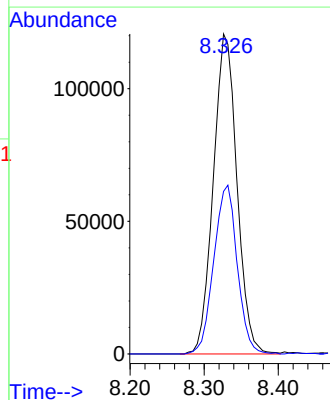
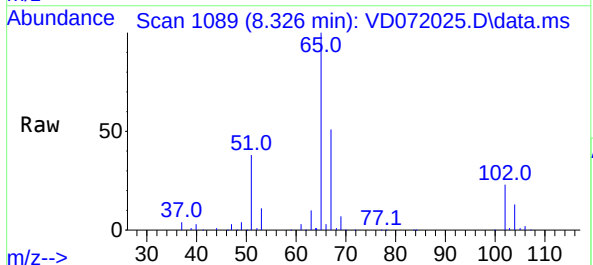
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

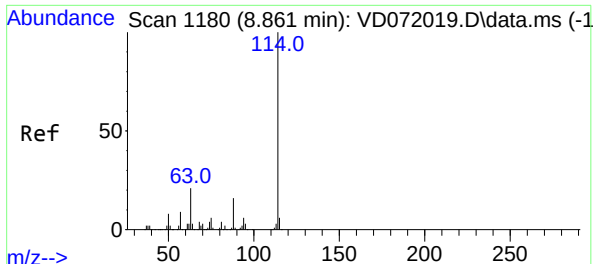
Tgt Ion: 56 Resp: 11847
Ion Ratio Lower Upper
56 100
69 144.3 28.9 43.3#
84 109.2 70.6 105.8#



#33
1,2-Dichloroethane-d4
Concen: 51.804 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

Tgt Ion: 65 Resp: 267245
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.6



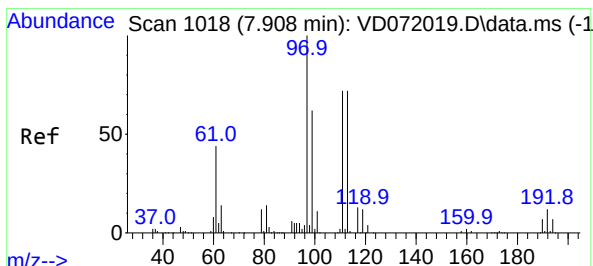
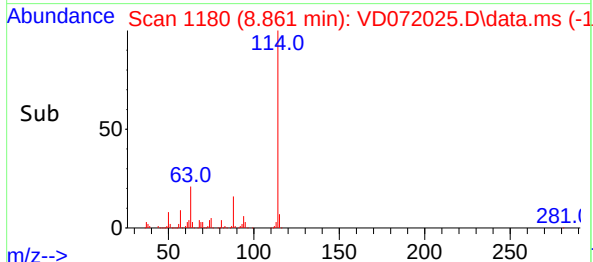
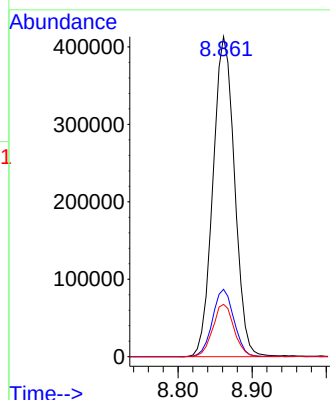
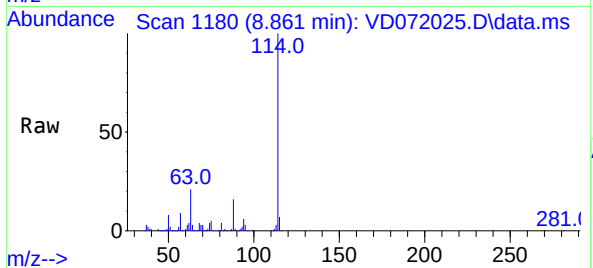


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

Tgt Ion:114 Resp: 836912

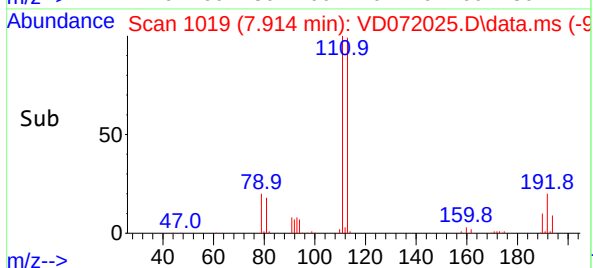
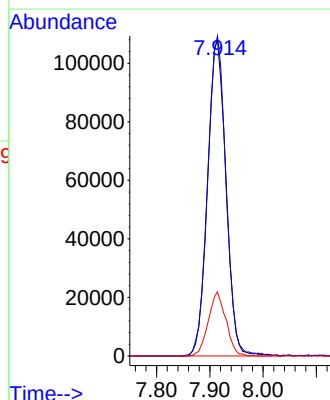
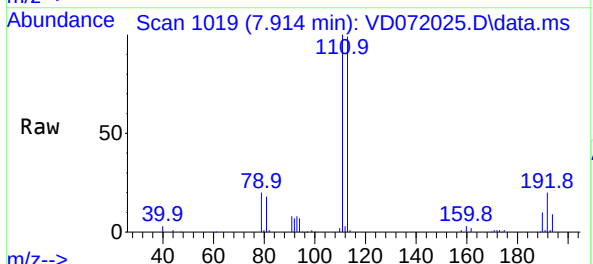
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.2
88	16.3	0.0	31.2

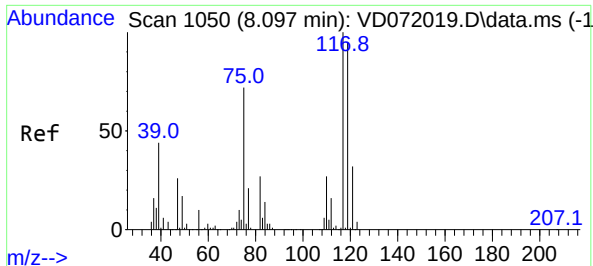


#35
Dibromofluoromethane
Concen: 51.179 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

Tgt Ion:113 Resp: 259508

Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.0	124.4
192	19.4	15.3	22.9

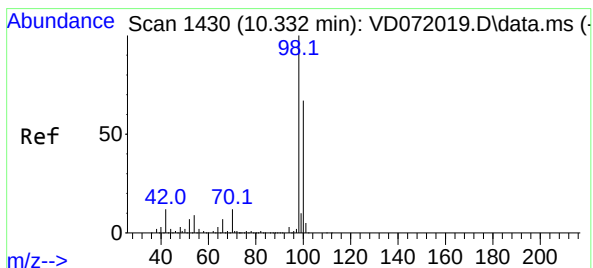
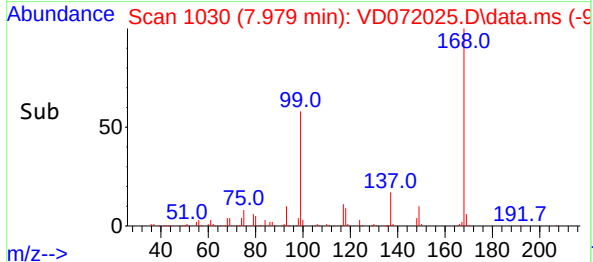
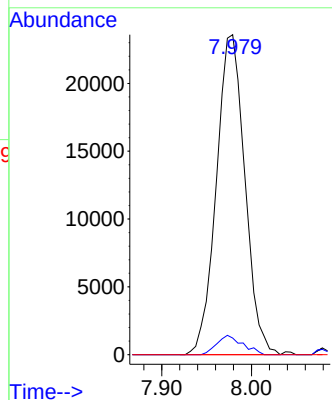
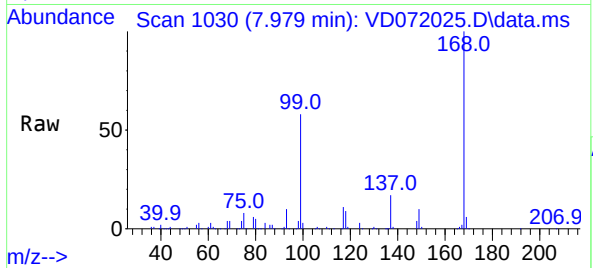




#38
Carbon Tetrachloride
Concen: 6.613 ug/l
RT: 7.979 min Scan# 11
Delta R.T. -0.118 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

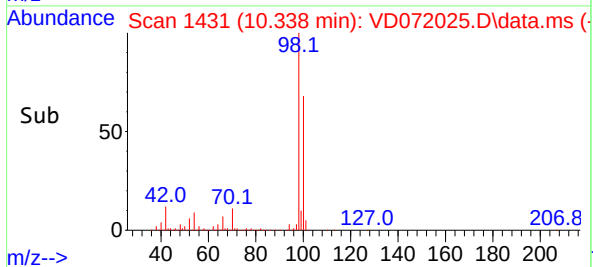
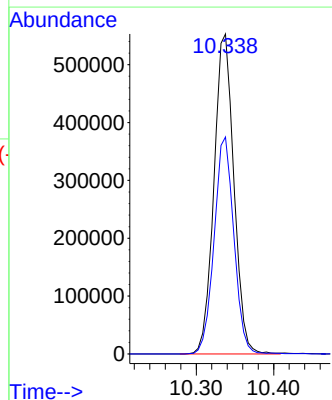
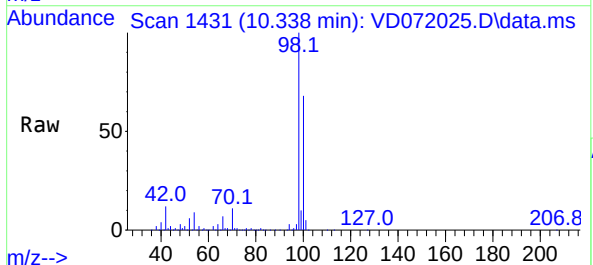
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

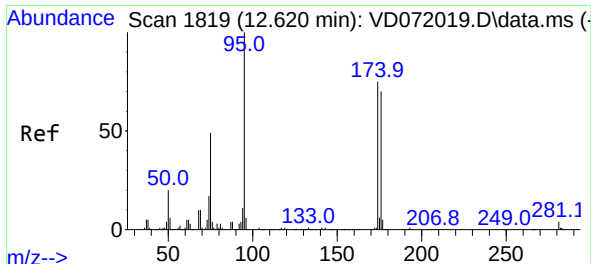
Tgt Ion:117 Resp: 52060
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 52.590 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

Tgt Ion: 98 Resp: 988889
Ion Ratio Lower Upper
98 100
100 67.2 53.8 80.6

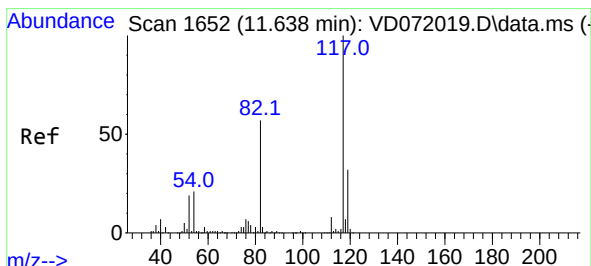
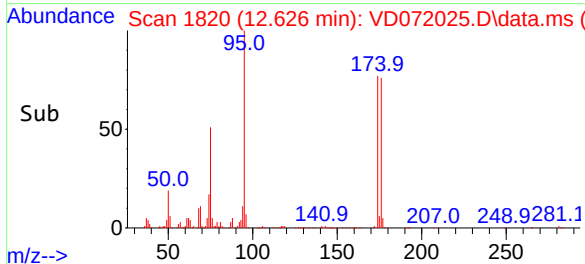
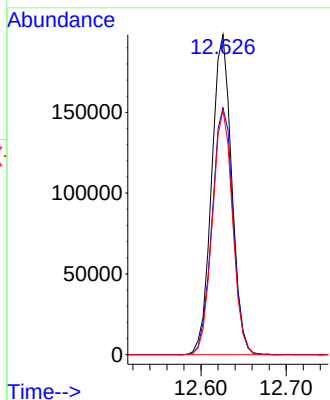
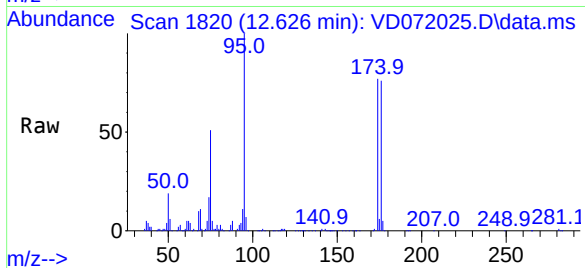




#62
4-Bromofluorobenzene
Concen: 46.889 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

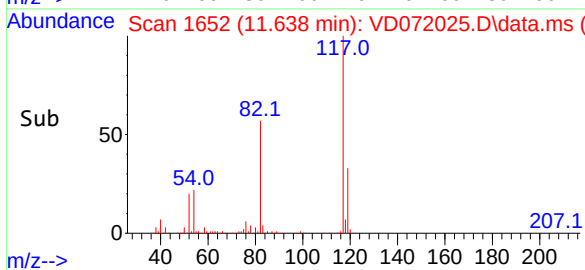
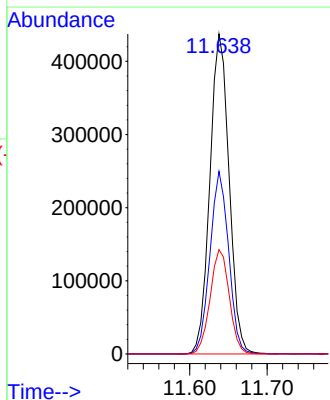
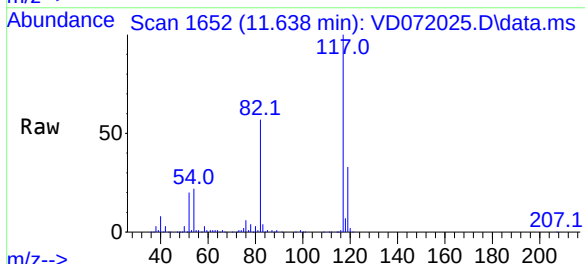
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

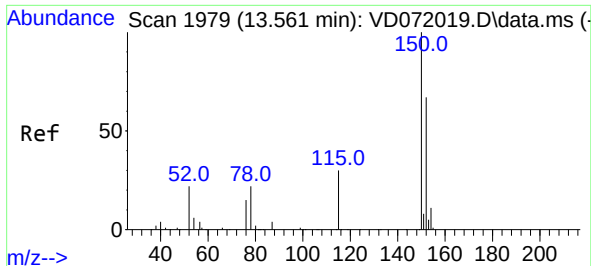
Tgt Ion: 95 Resp: 323874
Ion Ratio Lower Upper
95 100
174 80.8 0.0 155.0
176 77.0 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

Tgt Ion: 117 Resp: 755933
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 32.6 25.4 38.2

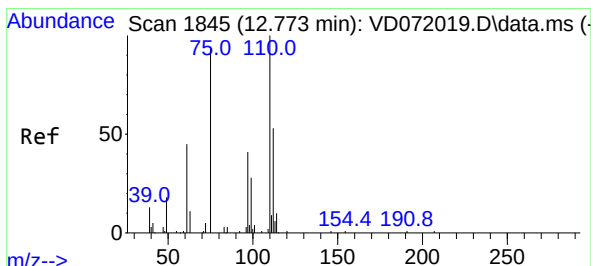
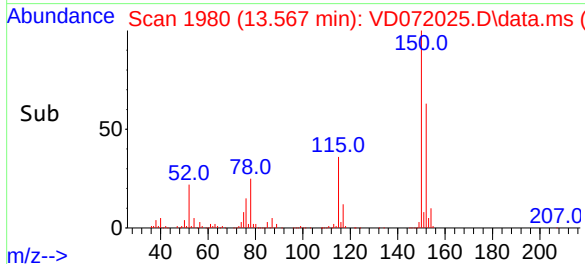
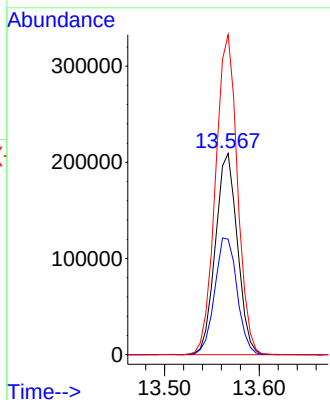
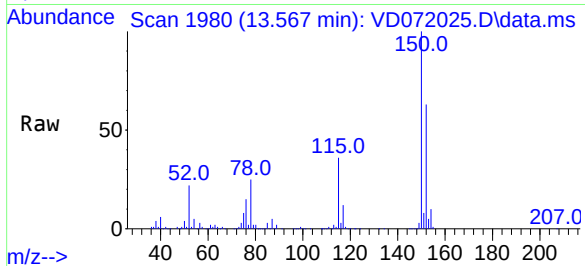




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

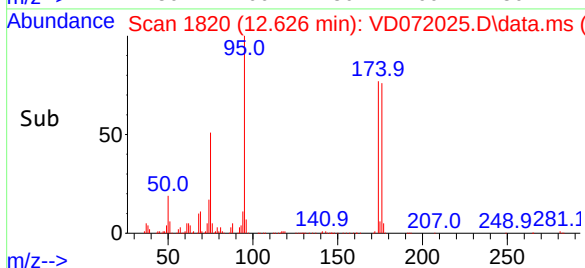
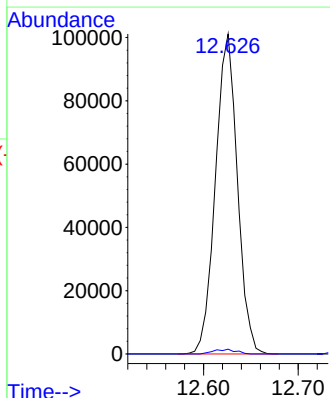
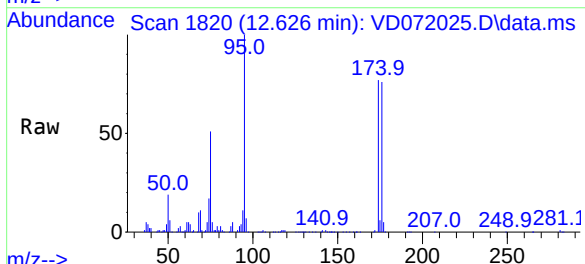
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

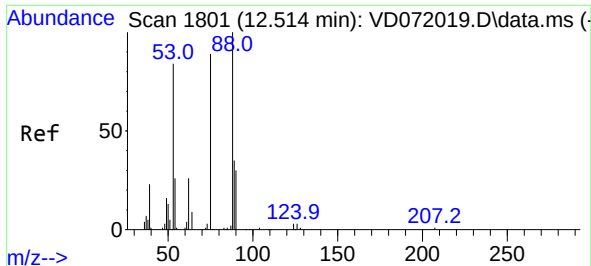
Tgt Ion:152 Resp: 338376
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.7
150 158.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 50.777 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

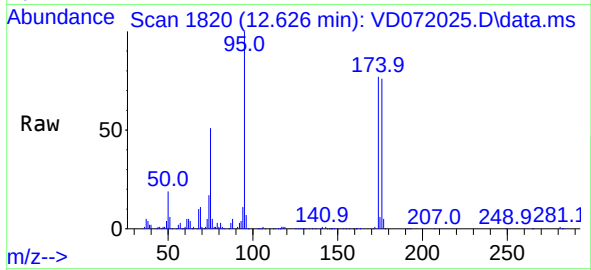
Tgt Ion: 75 Resp: 162751
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 127.158 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.112 min
Lab File: VD072025.D
Acq: 21 Feb 2022 10:28

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01



Tgt Ion: 75 Resp: 162751
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.0 36.4 54.6#

