

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071954.D
 Acq On : 14 Feb 2022 13:54
 Operator : VA/SY
 Sample : N1521-01
 Misc : 6.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-A

Quant Time: Feb 15 00:35:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

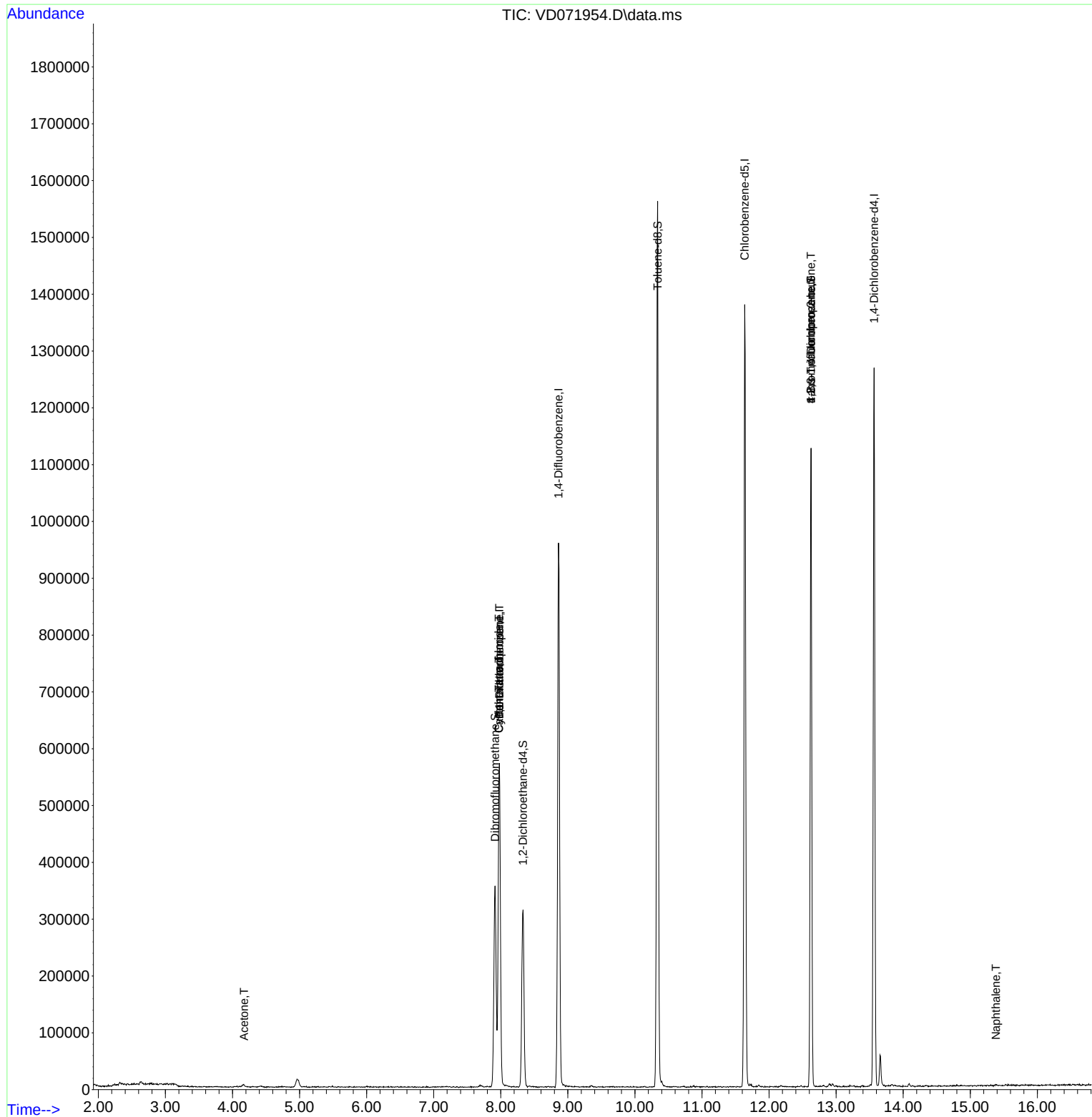
Internal Standards						
1) Pentafluorobenzene	7.979	168	395159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	764024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	734056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	313085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	258392	51.734	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 103.460%		
35) Dibromofluoromethane	7.914	113	252643	50.306	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 100.620%		
50) Toluene-d8	10.338	98	995284	53.065	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 106.120%		
62) 4-Bromofluorobenzene	12.626	95	321518	49.088	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 98.180%		
Target Compounds						
11) Tert butyl alcohol	5.220	59	63	Below Cal	#	74
16) Acetone	4.173	43	7474	5.467	ug/l #	81
20) Methylene Chloride	4.962	84	10201	Below Cal		87
31) Cyclohexane	7.973	56	11561	1.212	ug/l #	25
36) 1,1-Dichloropropene	7.979	75	37868	4.393	ug/l #	52
38) Carbon Tetrachloride	7.973	117	43599	5.115	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	181712	55.072	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	181712	135.410	ug/l #	7
95) Naphthalene	15.384	128	1495	1.587	ug/l #	83

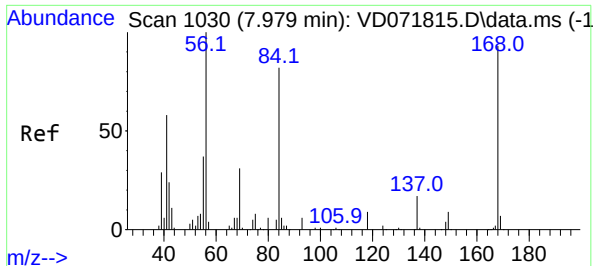
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_D
ClientSampleId :
TP1-A

Quant Time: Feb 15 00:35:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

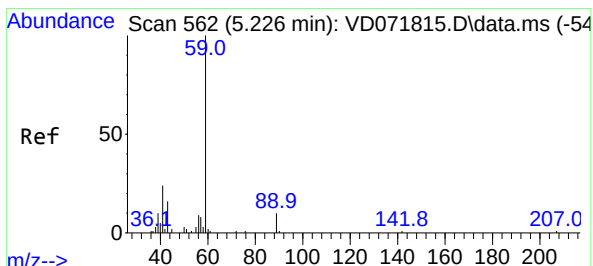
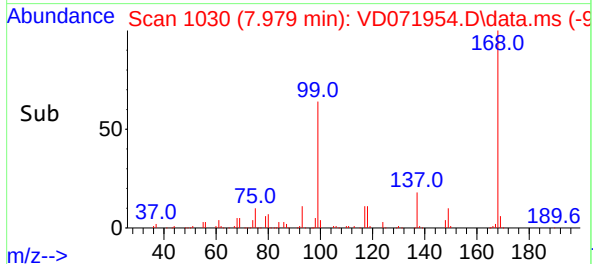
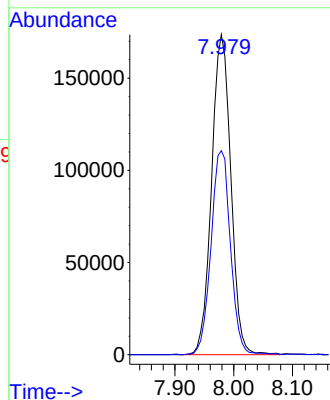
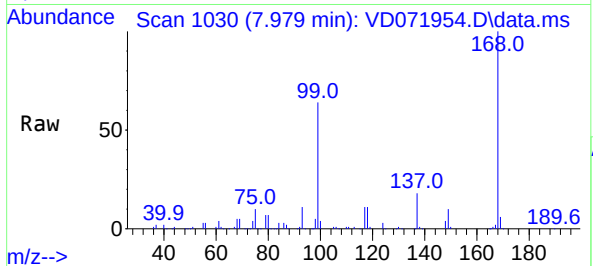




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

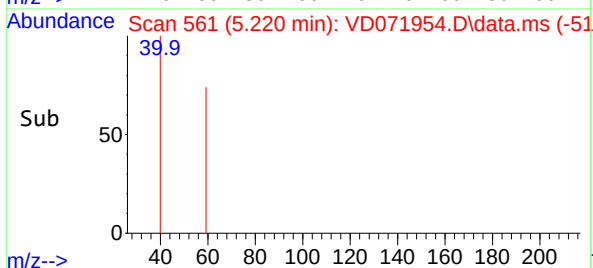
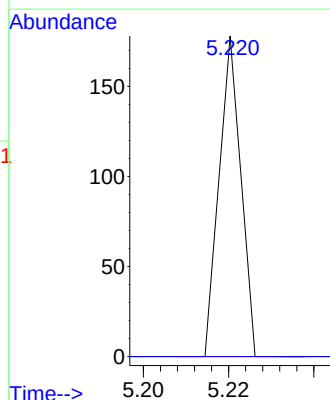
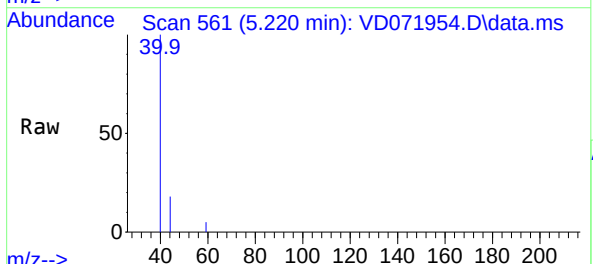
Instrument :
MSVOA_D
ClientSampleId :
TP1-A

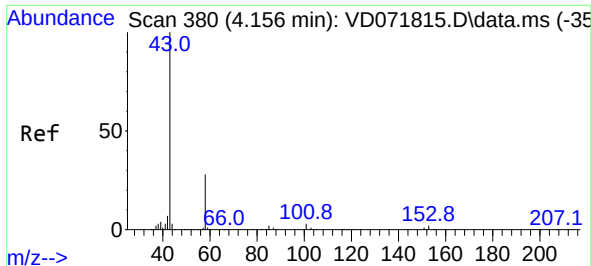
Tgt Ion:168 Resp: 395159
Ion Ratio Lower Upper
168 100
99 63.7 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.000 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

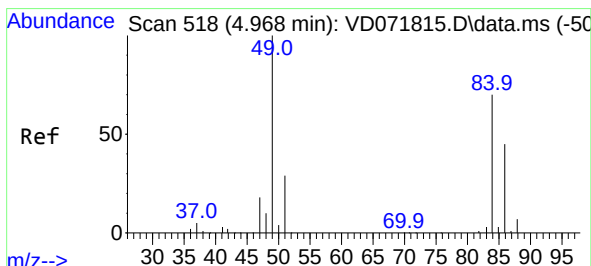
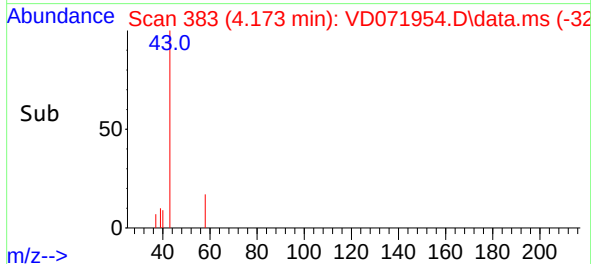
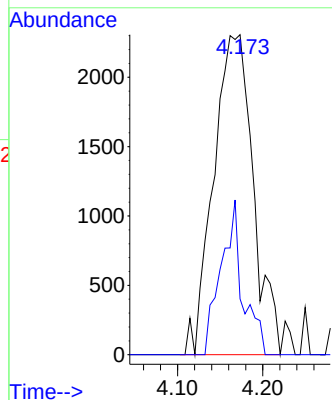
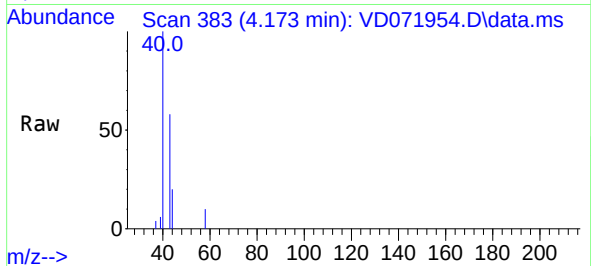




#16
Acetone
Concen: 5.467 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

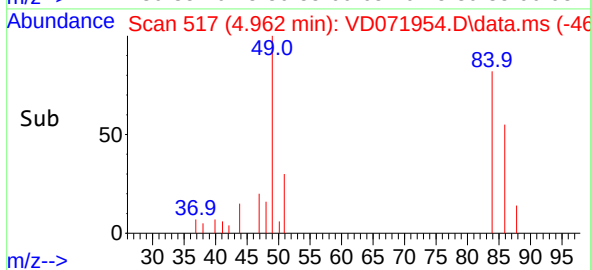
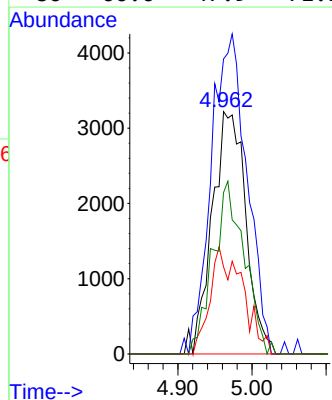
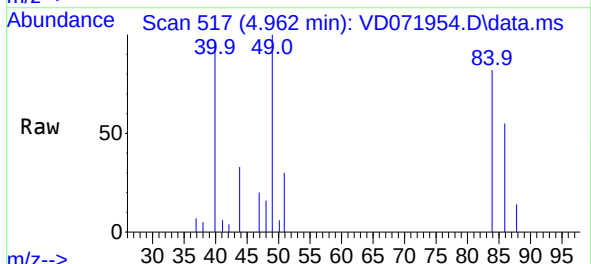
Instrument :
MSVOA_D
ClientSampleId :
TP1-A

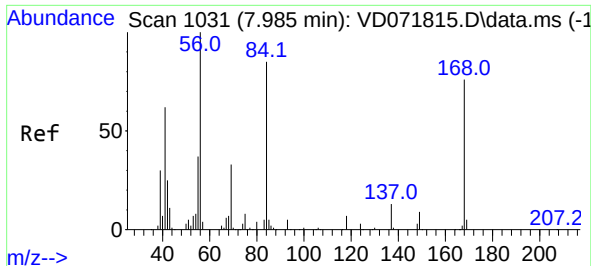
Tgt Ion: 43 Resp: 7474
Ion Ratio Lower Upper
43 100
58 17.5 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

Tgt Ion: 84 Resp: 10201
Ion Ratio Lower Upper
84 100
49 121.7 112.8 169.2
51 35.9 32.6 48.8
86 66.6 47.9 71.9

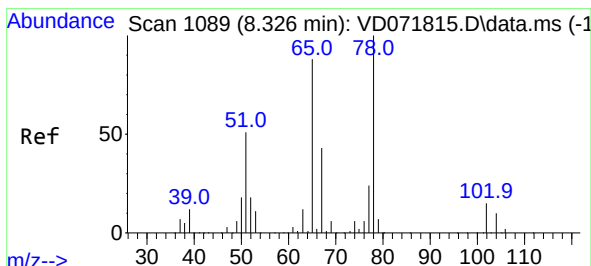
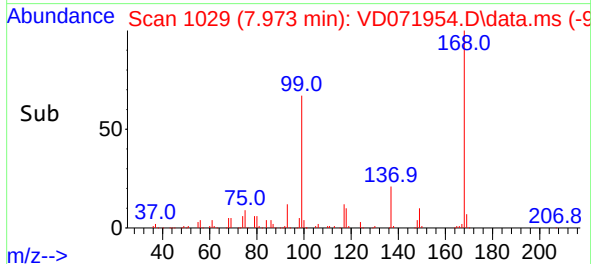
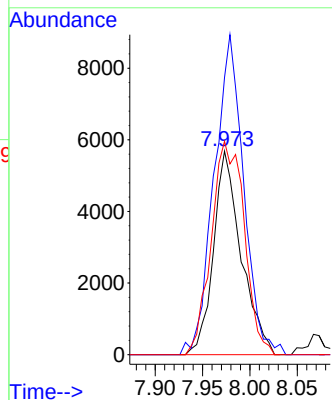
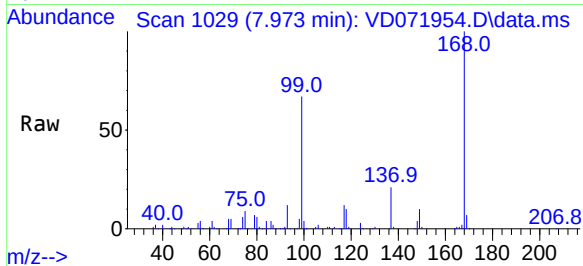




#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

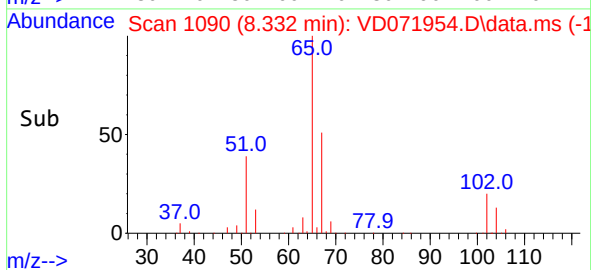
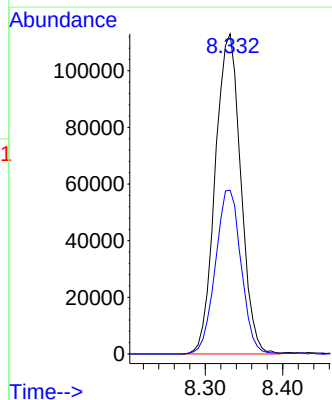
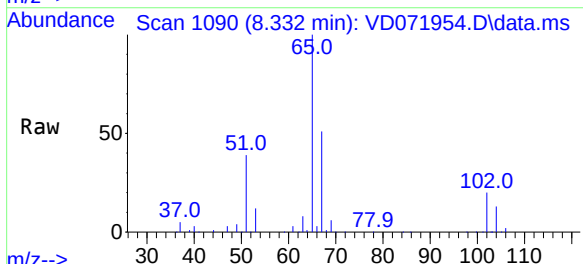
Instrument :
MSVOA_D
ClientSampleId :
TP1-A

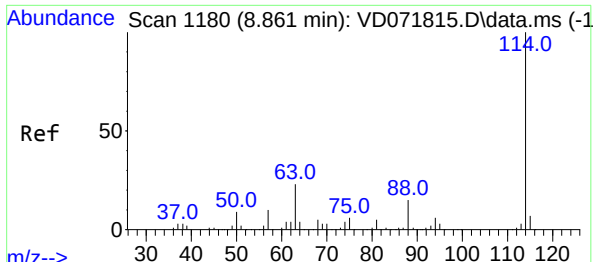
Tgt Ion: 56 Resp: 11561
Ion Ratio Lower Upper
56 100
69 136.1 25.4 38.2#
84 104.9 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 51.734 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

Tgt Ion: 65 Resp: 258392
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4



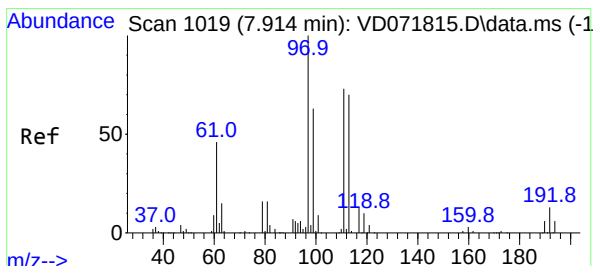
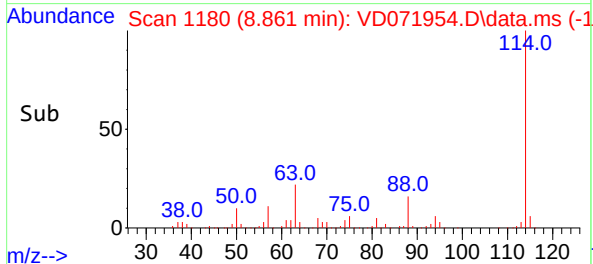
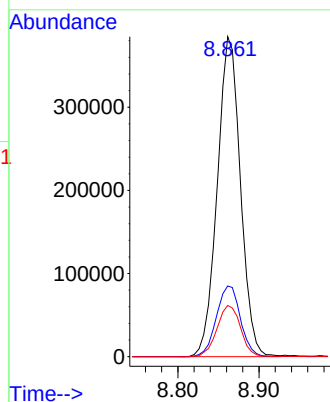
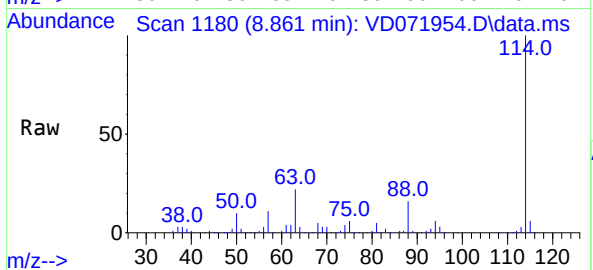


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

Instrument :
MSVOA_D
ClientSampleId :
TP1-A

Tgt Ion:114 Resp: 764024

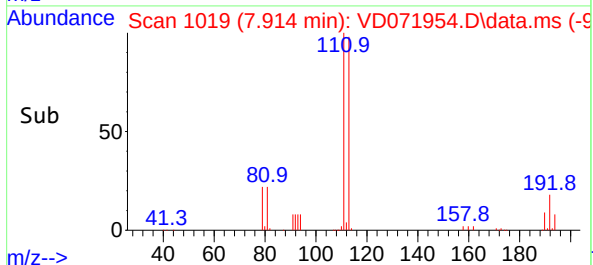
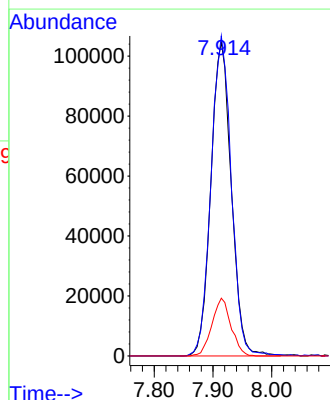
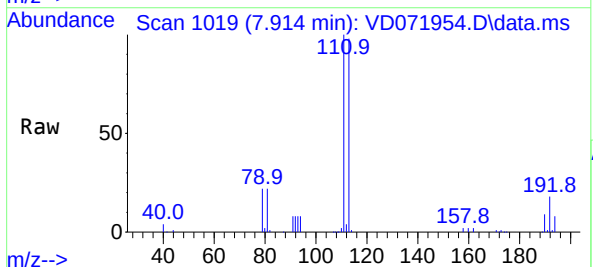
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	46.6
88	16.0	0.0	33.2

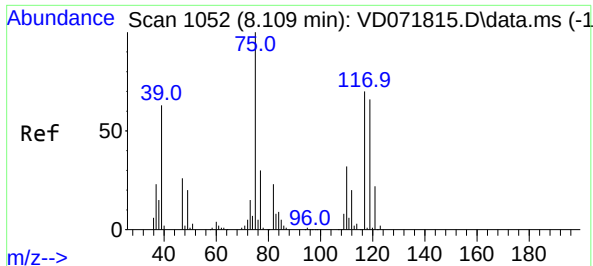


#35
Dibromofluoromethane
Concen: 50.306 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

Tgt Ion:113 Resp: 252643

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.8	125.6
192	17.2	14.6	21.8

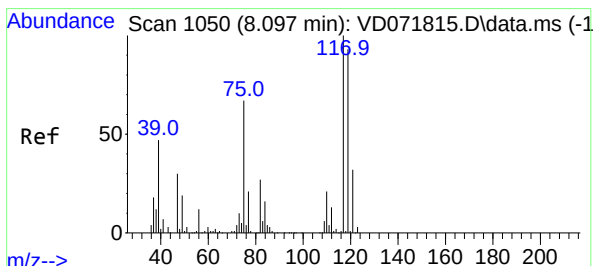
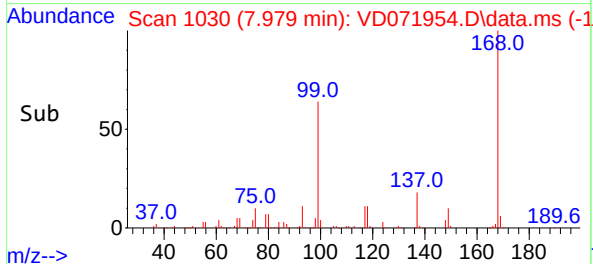
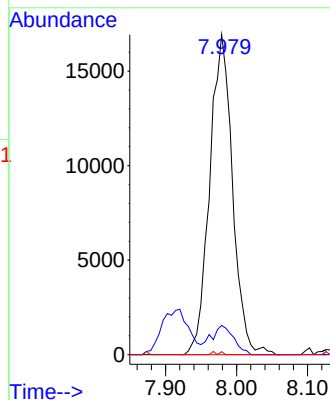
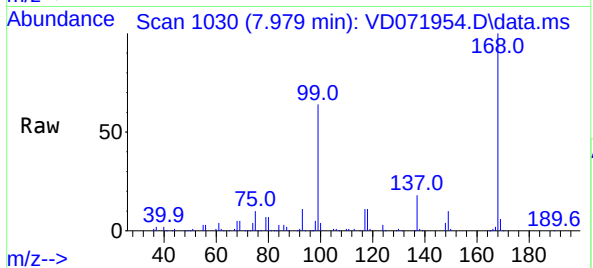




#36
1,1-Dichloropropene
Concen: 4.393 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

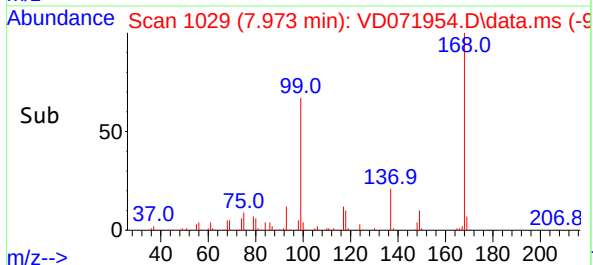
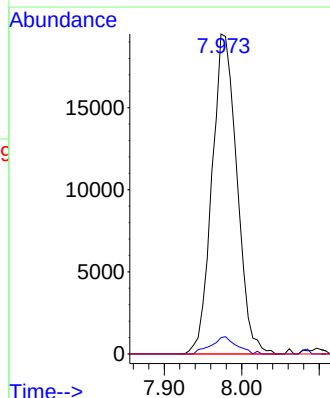
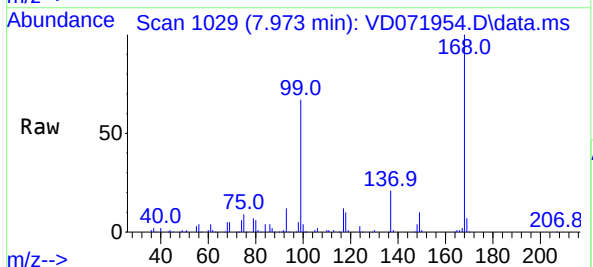
Instrument :
MSVOA_D
ClientSampleId :
TP1-A

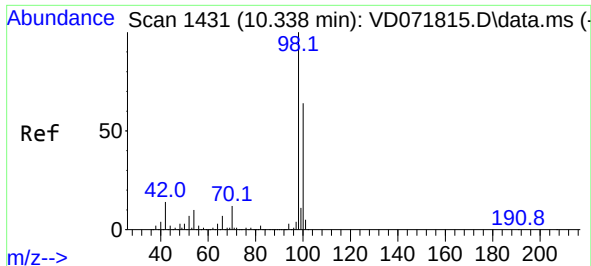
Tgt Ion: 75 Resp: 37868
Ion Ratio Lower Upper
75 100
110 9.1 16.4 49.1#
77 0.3 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.115 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

Tgt Ion: 117 Resp: 43599
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.5 36.7#

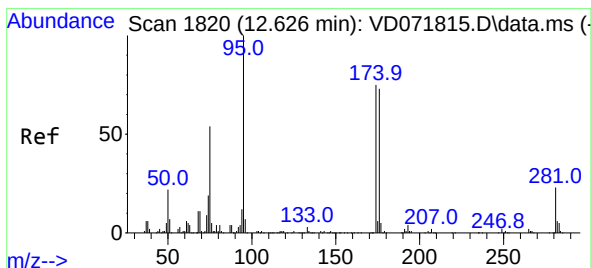
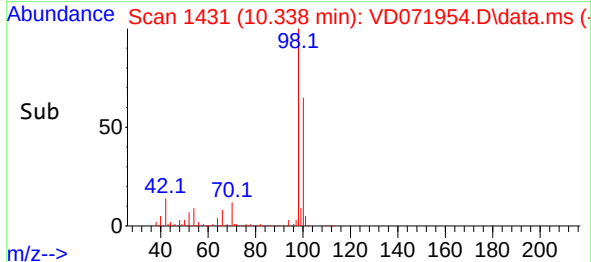
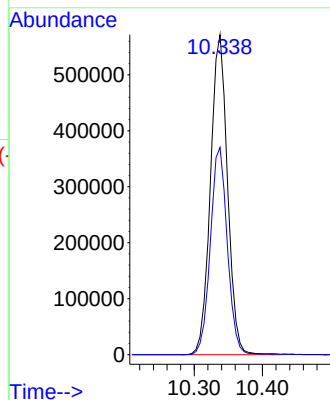
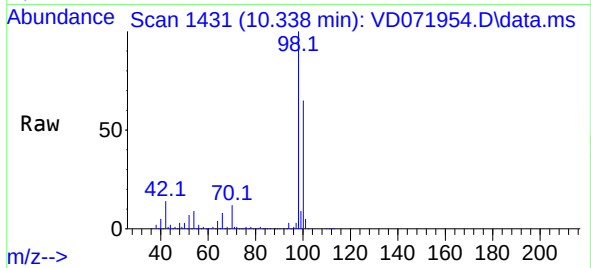




#50
Toluene-d8
Concen: 53.065 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

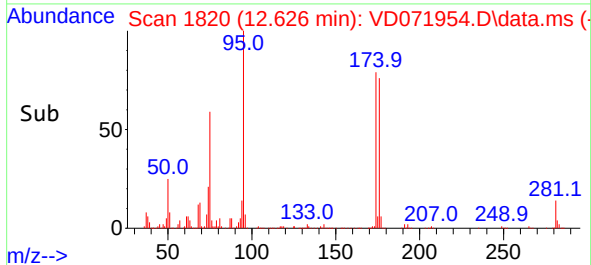
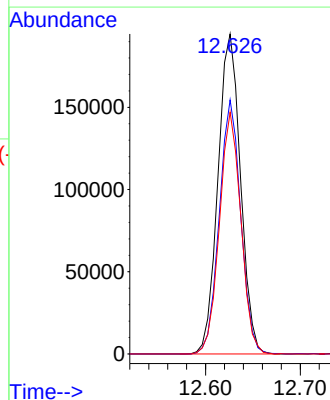
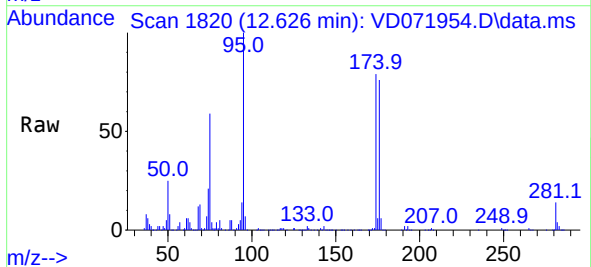
Instrument :
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ClientSampleId :
TP1-A

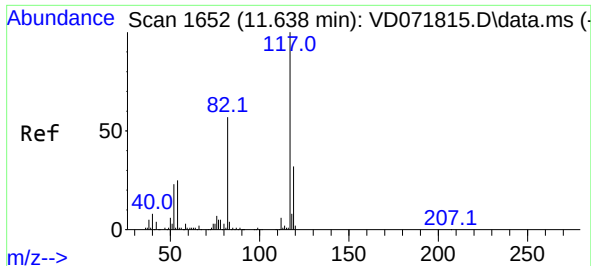
Tgt Ion: 98 Resp: 995284
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.088 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

Tgt Ion: 95 Resp: 321518
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 71.9 0.0 145.4

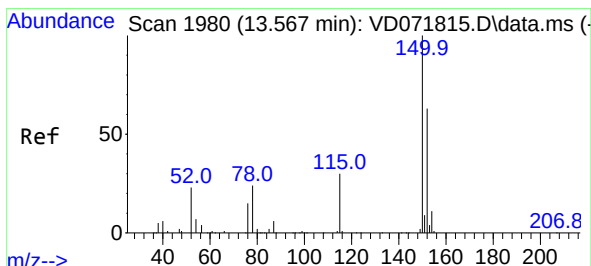
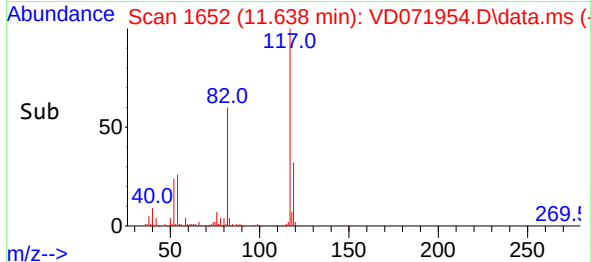
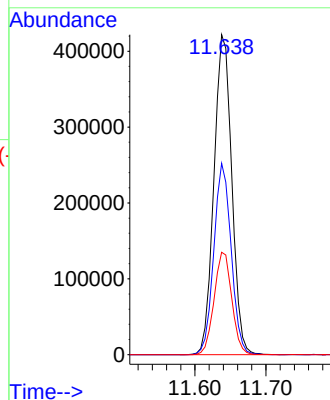
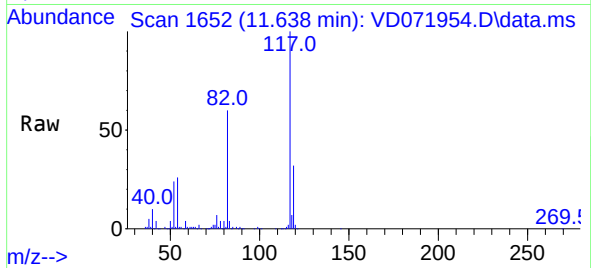




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

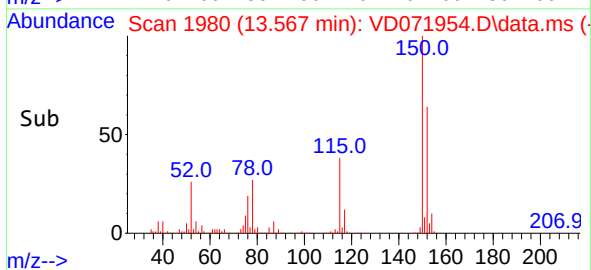
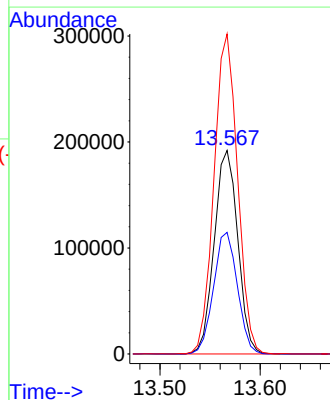
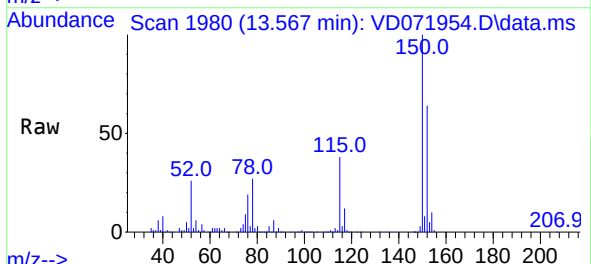
Instrument :
MSVOA_D
ClientSampleId :
TP1-A

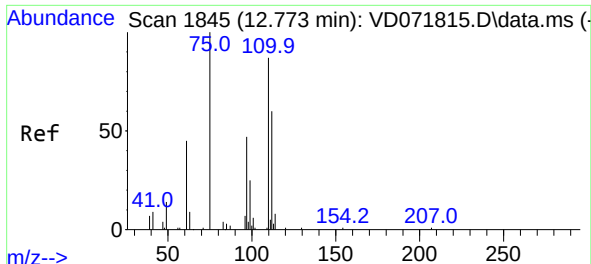
Tgt Ion:117 Resp: 734056
Ion Ratio Lower Upper
117 100
82 59.8 45.3 67.9
119 32.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

Tgt Ion:152 Resp: 313085
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.3 0.0 348.6

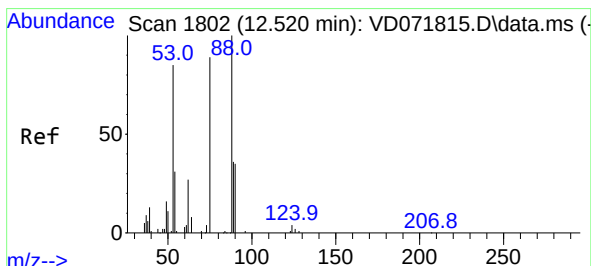
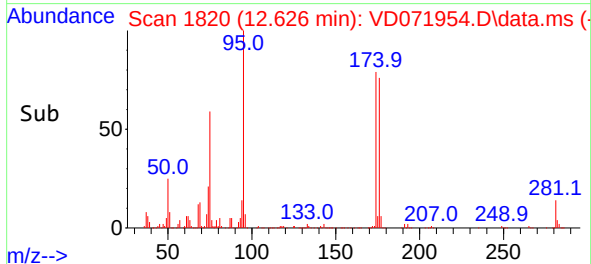
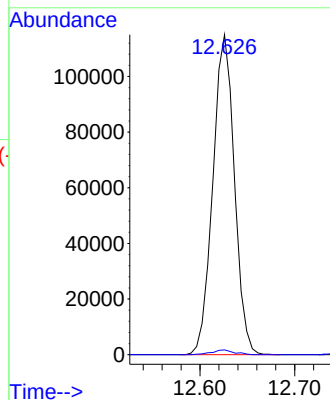
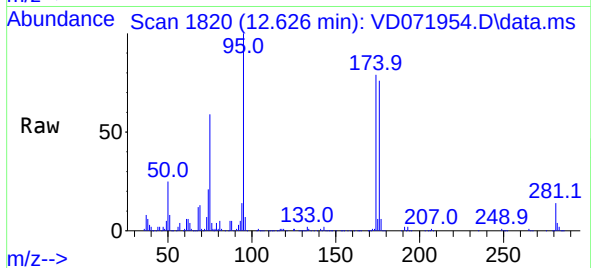




#76
1,2,3-Trichloropropane
Concen: 55.072 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

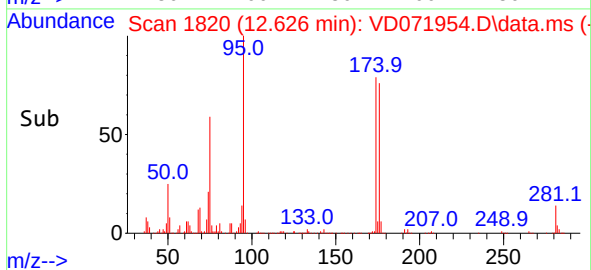
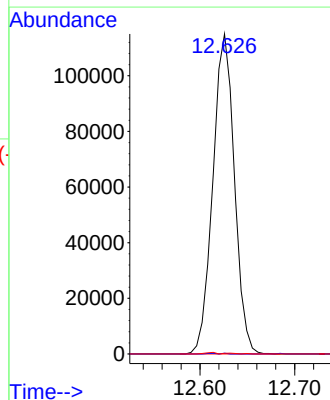
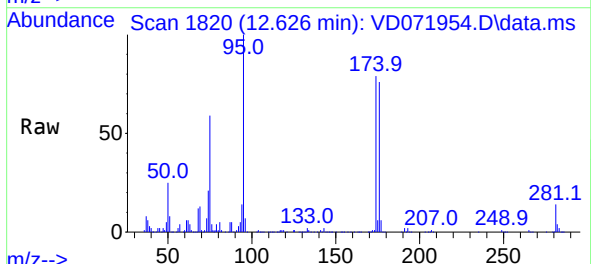
Instrument :
MSVOA_D
ClientSampleId :
TP1-A

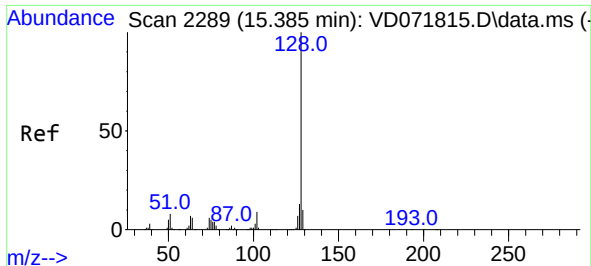
Tgt Ion: 75 Resp: 181712
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.410 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

Tgt Ion: 75 Resp: 181712
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#





#95
Naphthalene
Concen: 1.587 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071954.D
Acq: 14 Feb 2022 13:54

Instrument :
MSVOA_D
ClientSampleId :
TP1-A

Tgt Ion:128 Resp: 1495
Ion Ratio Lower Upper
128 100
127 4.6 10.3 15.5#
129 14.7 8.4 12.6#

