

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070553.D
 Acq On : 04 Oct 2021 16:12
 Operator : VA/SY
 Sample : M4037-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-100121

Quant Time: Oct 05 05:00:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

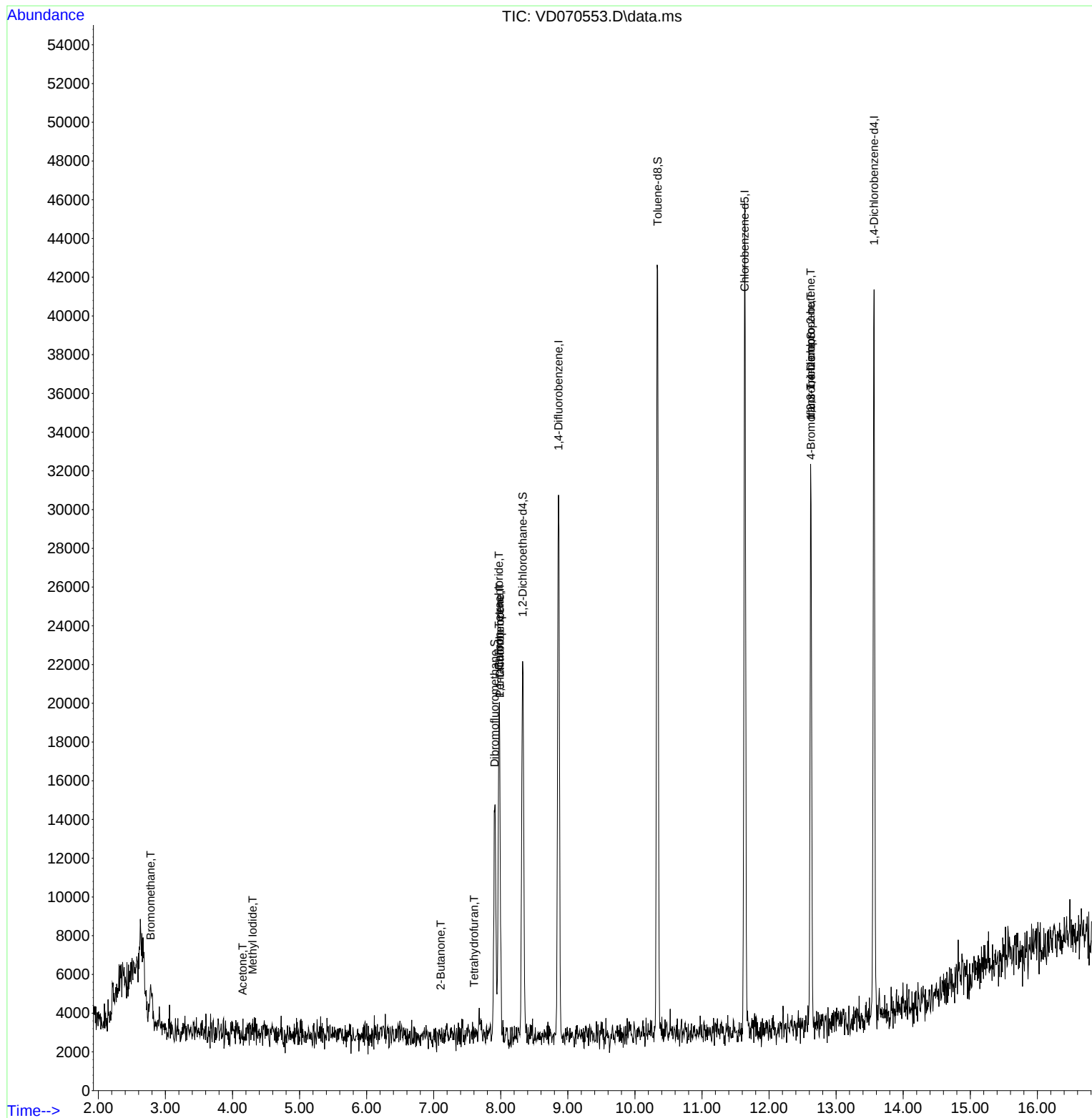
Internal Standards						
1) Pentafluorobenzene	7.985	168	13390	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	25269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	25601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	10748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	16421	95.509	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 191.020%#			
35) Dibromofluoromethane	7.908	113	8810	48.980	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.960%			
50) Toluene-d8	10.338	98	30242	46.308	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.620%			
62) 4-Bromofluorobenzene	12.626	95	11189	49.024	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.040%			
Target Compounds						Qvalue
3) Chloromethane	2.209	50	656	Below Cal		95
5) Bromomethane	2.779	94	1359	6.047 ug/l		99
10) Methyl Iodide	4.303	142	843	6.012 ug/l	#	43
16) Acetone	4.150	43	131	4.268 ug/l	#	36
20) Methylene Chloride	4.967	84	73	Below Cal	#	59
25) 2-Butanone	7.103	43	82	2.007 ug/l	#	47
29) Tetrahydrofuran	7.603	42	63	2.402 ug/l	#	29
36) 1,1-Dichloropropene	7.985	75	1108	4.102 ug/l	#	41
38) Carbon Tetrachloride	7.973	117	1359	5.088 ug/l	#	12
76) 1,2,3-Trichloropropane	12.620	75	4956	45.586 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.620	75	4956	114.220 ug/l	#	17

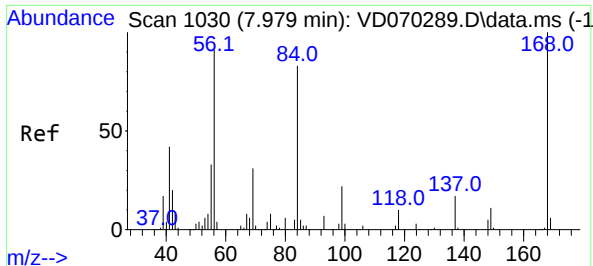
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
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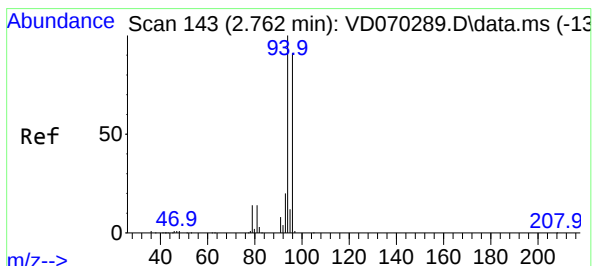
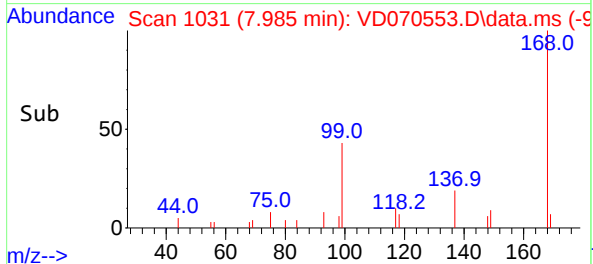
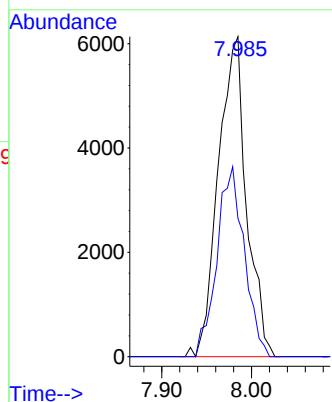
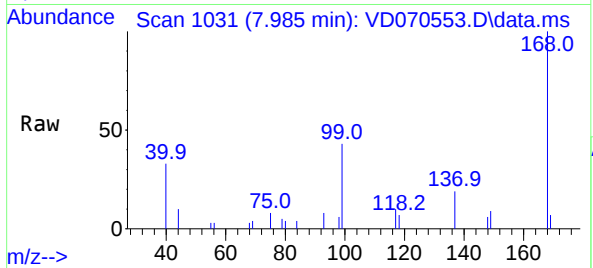




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

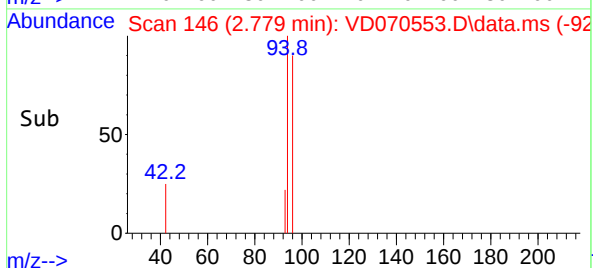
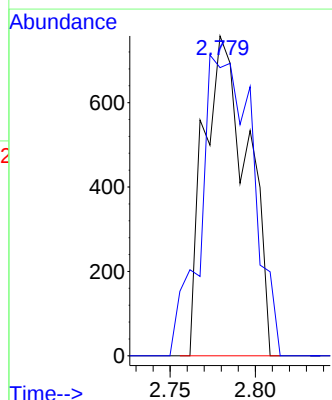
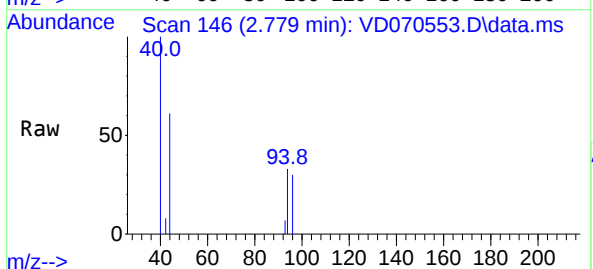
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121

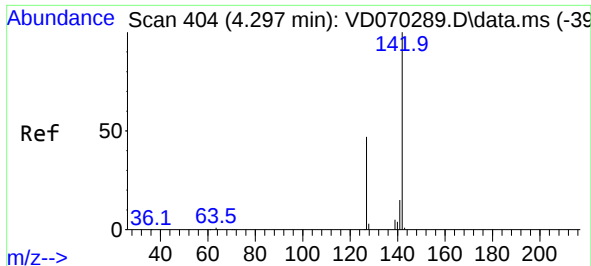
Tgt Ion:168 Resp: 13390
Ion Ratio Lower Upper
168 100
99 43.2 50.8 76.2#



#5
Bromomethane
Concen: 6.047 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

Tgt Ion: 94 Resp: 1359
Ion Ratio Lower Upper
94 100
96 90.1 73.0 109.6

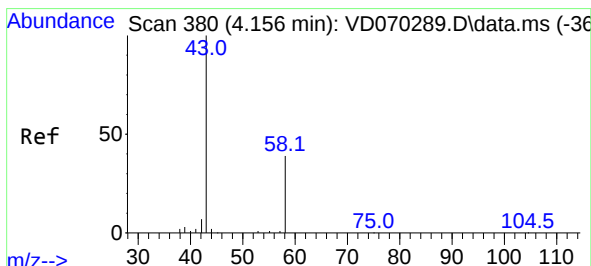
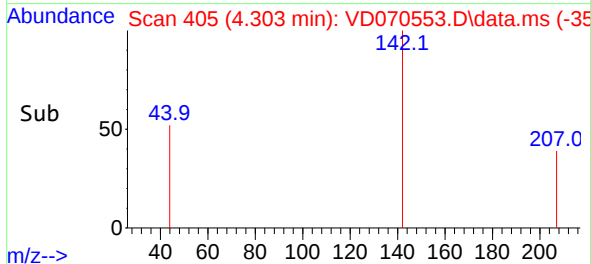
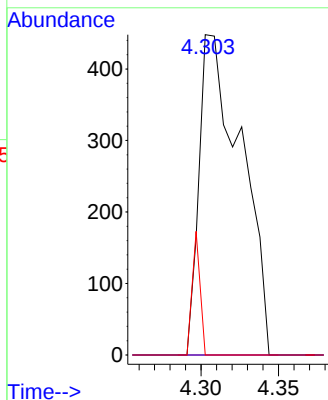
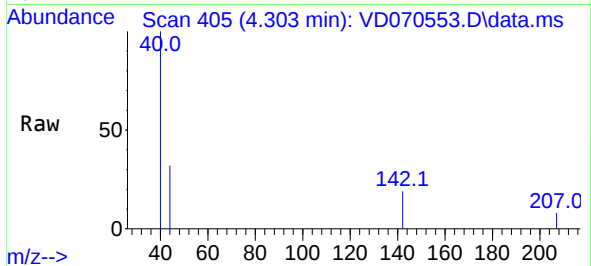




#10
Methyl Iodide
Concen: 6.012 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

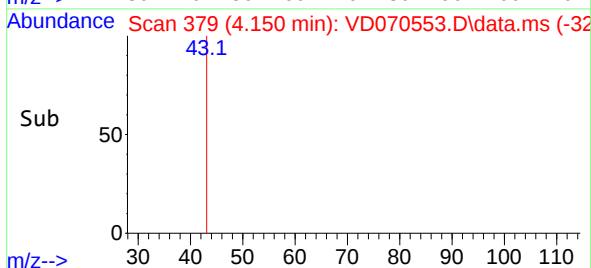
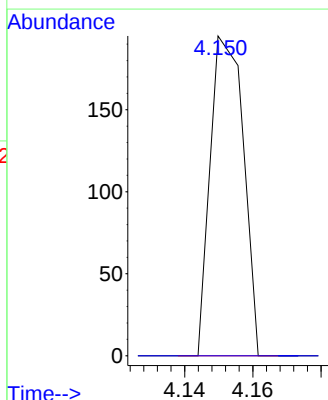
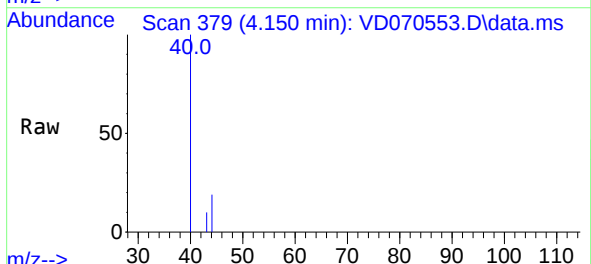
Instrument :
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ClientSampleId :
HD-01-100121

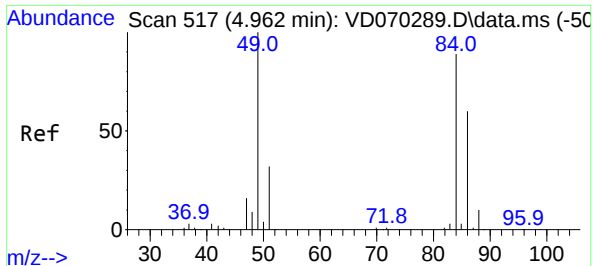
Tgt Ion:142 Resp: 843
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 7.2 11.8 17.6#



#16
Acetone
Concen: 4.268 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#

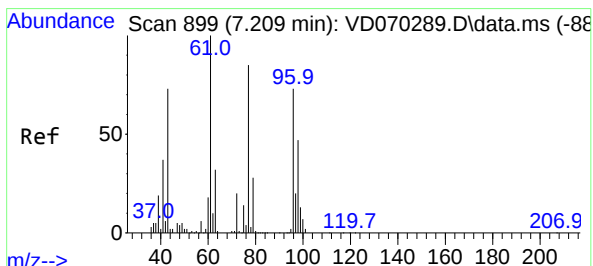
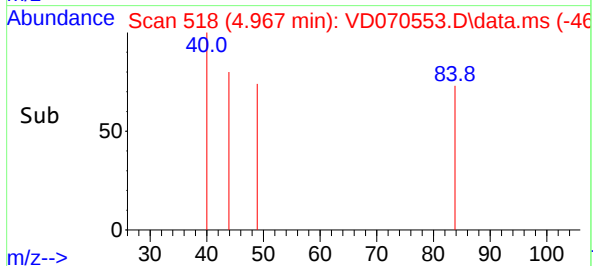
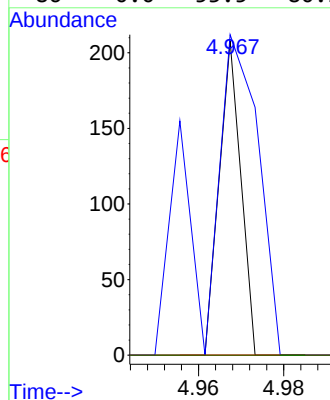
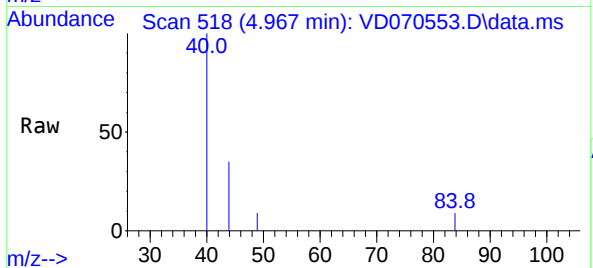




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

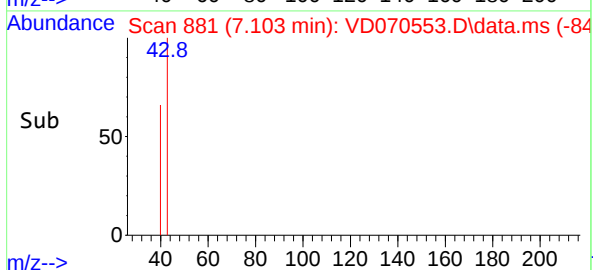
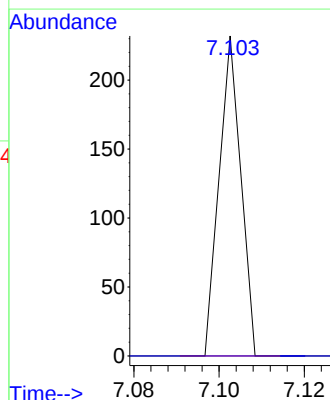
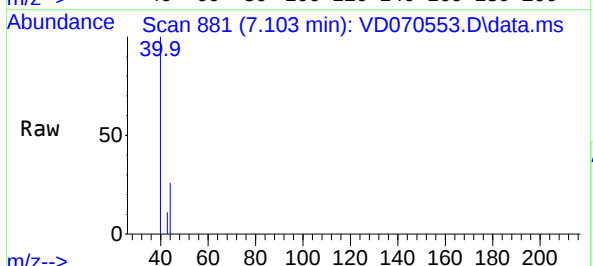
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121

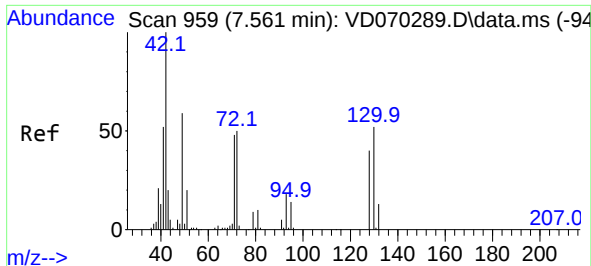
Tgt Ion:	84	Resp:	73
Ion	Ratio	Lower	Upper
84	100		
49	101.9	89.6	134.4
51	0.0	28.6	43.0#
86	0.0	53.5	80.3#



#25
2-Butanone
Concen: 2.007 ug/l
RT: 7.103 min Scan# 881
Delta R.T. -0.106 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

Tgt Ion:	43	Resp:	82
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.4#





#29

Tetrahydrofuran

Concen: 2.402 ug/l

RT: 7.603 min Scan# 966

Delta R.T. 0.041 min

Lab File: VD070553.D

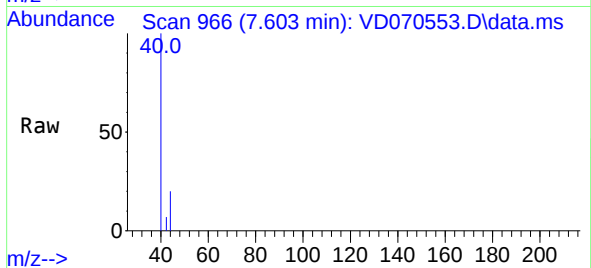
Acq: 04 Oct 2021 16:12

Instrument :

MSVOA_D

ClientSampleId :

HD-01-100121



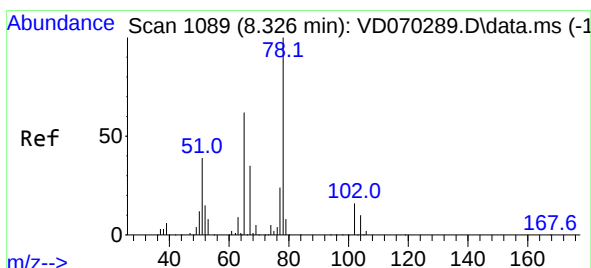
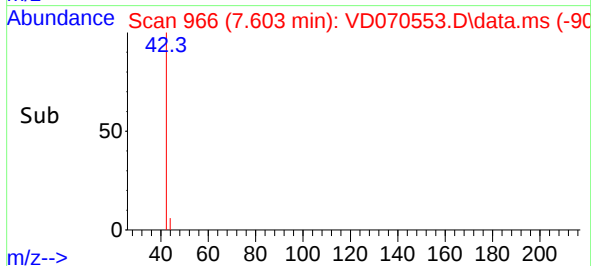
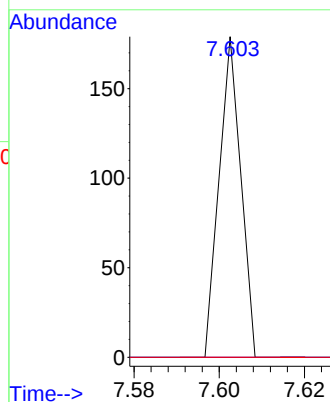
Tgt Ion: 42 Resp: 63

Ion Ratio Lower Upper

42 100

72 0.0 38.8 58.2#

71 0.0 37.8 56.6#



#33

1,2-Dichloroethane-d4

Concen: 95.509 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD070553.D

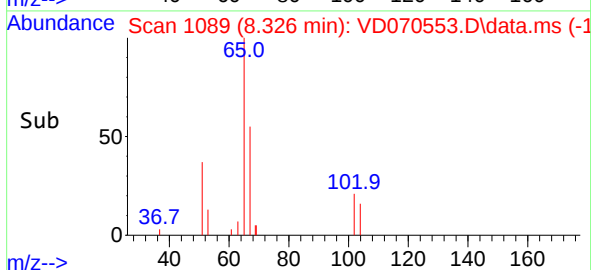
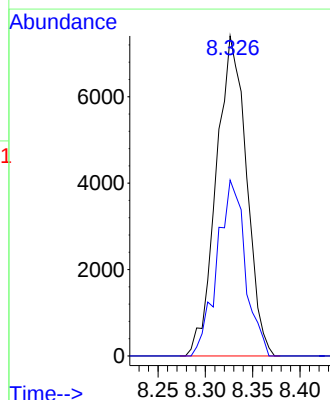
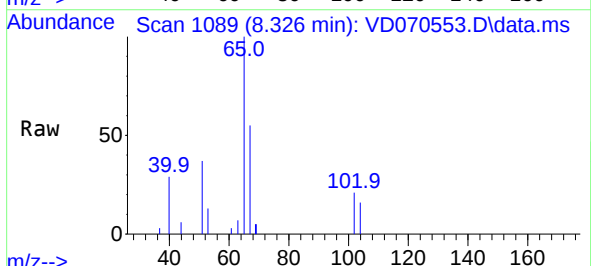
Acq: 04 Oct 2021 16:12

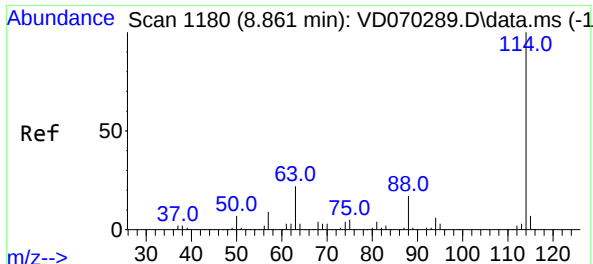
Tgt Ion: 65 Resp: 16421

Ion Ratio Lower Upper

65 100

67 51.3 0.0 111.4

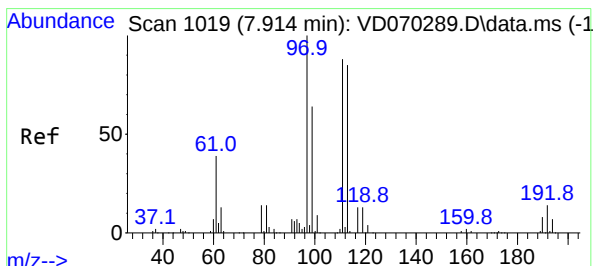
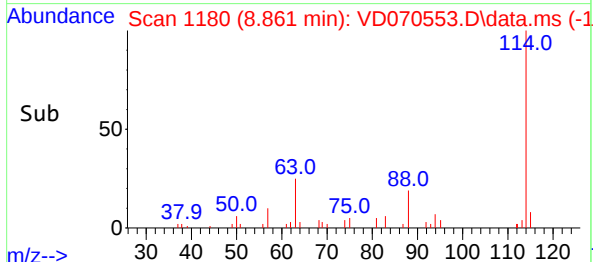
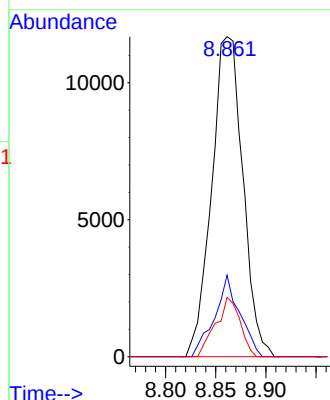
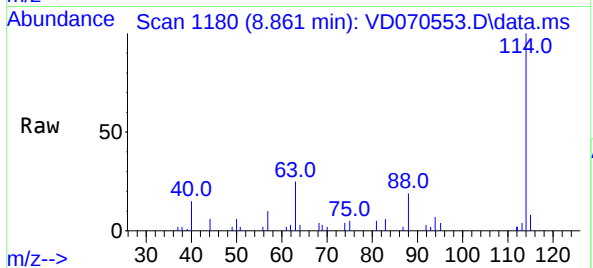




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

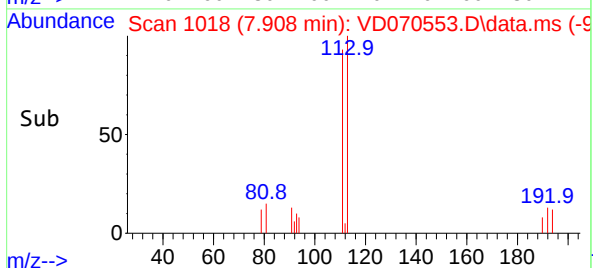
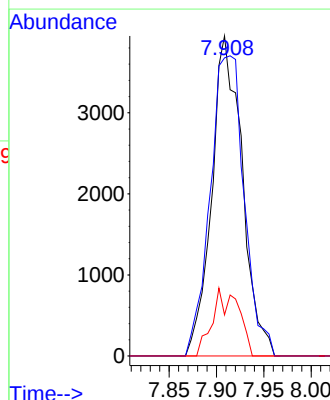
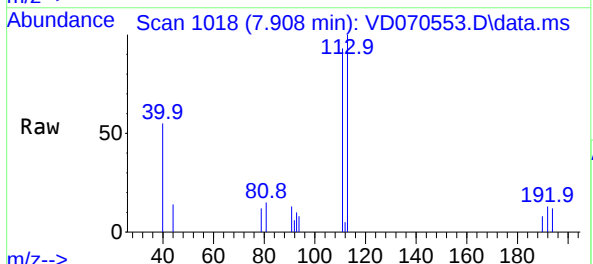
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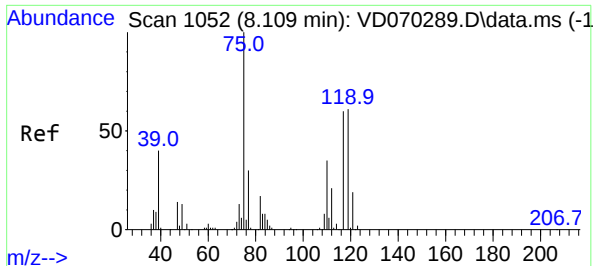
Tgt Ion:	114	Resp:	25269
Ion Ratio	Lower	Upper	
114	100		
63	25.4	0.0	43.4
88	18.5	0.0	33.4



#35
Dibromofluoromethane
Concen: 48.980 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

Tgt Ion:	113	Resp:	8810
Ion Ratio	Lower	Upper	
113	100		
111	105.2	81.4	122.2
192	9.1	13.0	19.6#

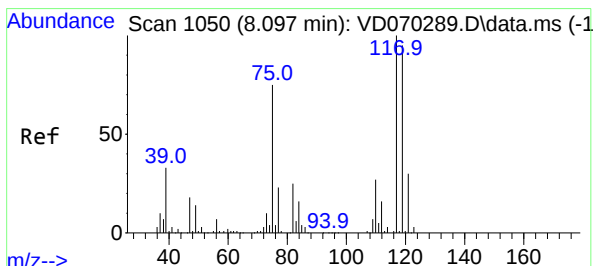
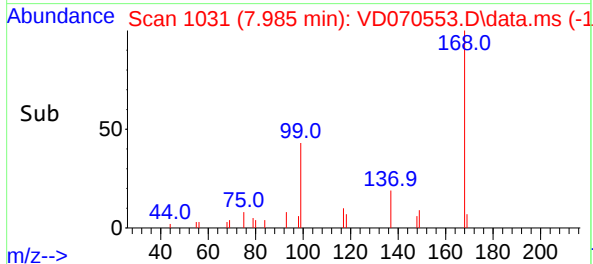
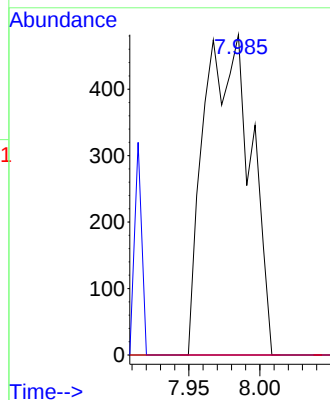
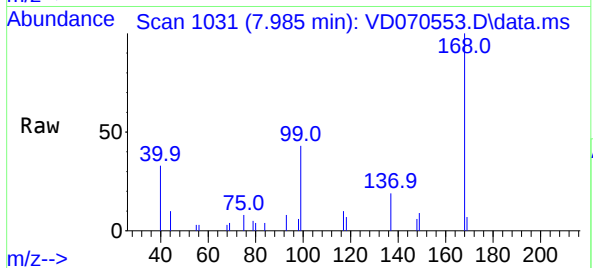




#36
1,1-Dichloropropene
Concen: 4.102 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.124 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

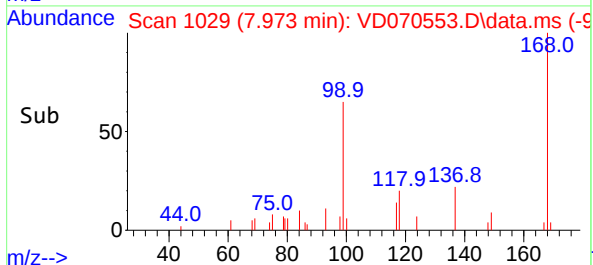
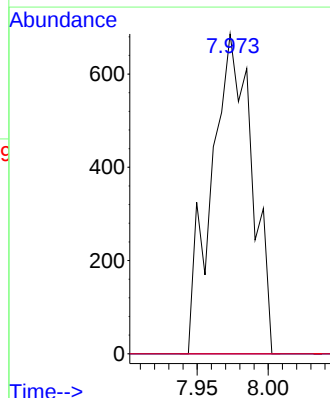
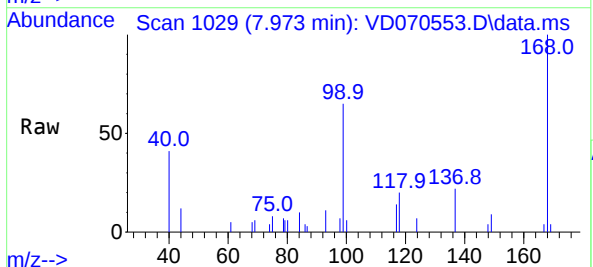
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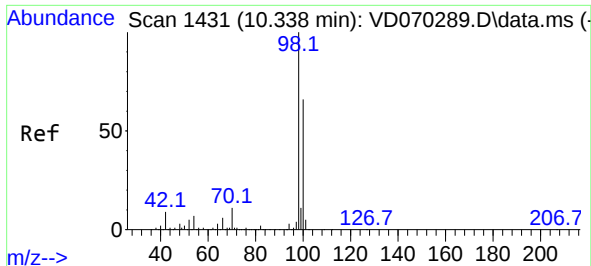
Tgt Ion: 75 Resp: 1108
Ion Ratio Lower Upper
75 100
110 0.0 17.9 53.7#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.088 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

Tgt Ion: 117 Resp: 1359
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 23.8 35.6#

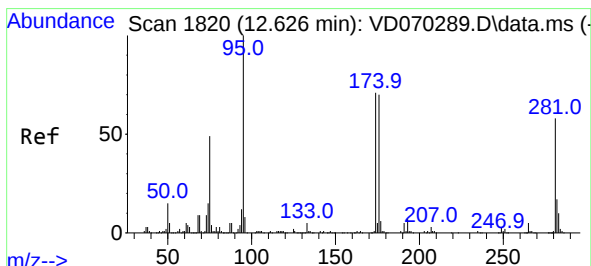
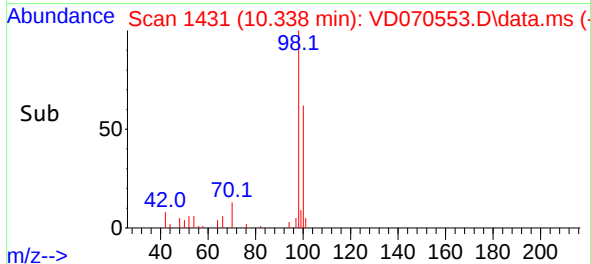
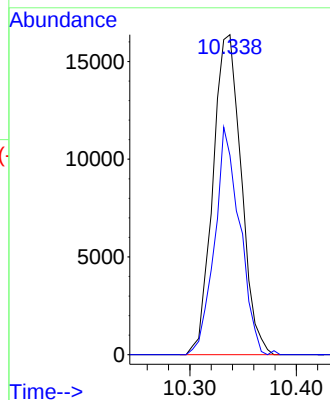
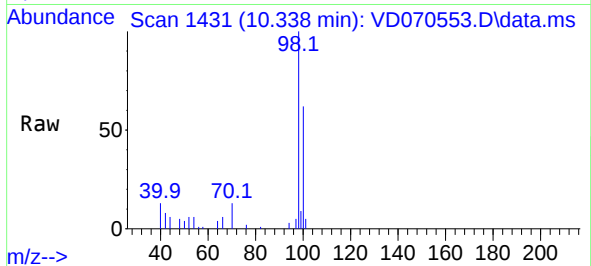




#50
Toluene-d8
Concen: 46.308 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

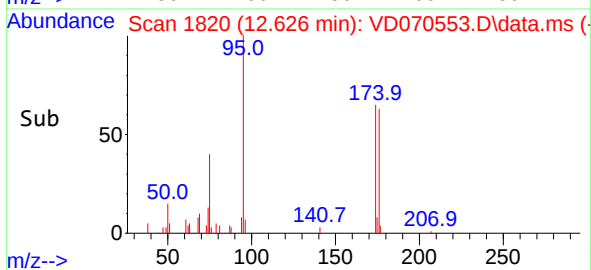
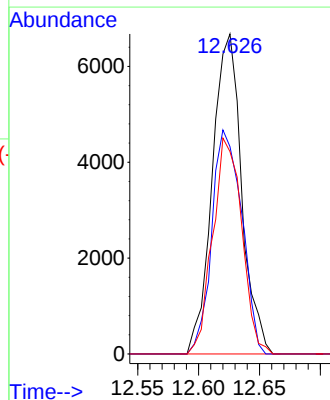
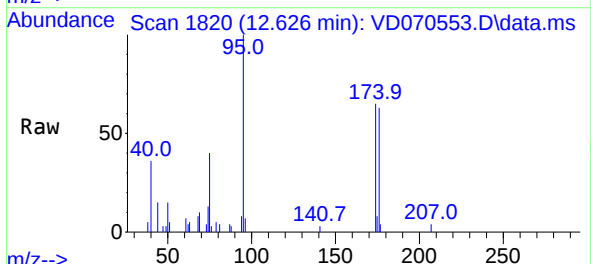
Instrument :
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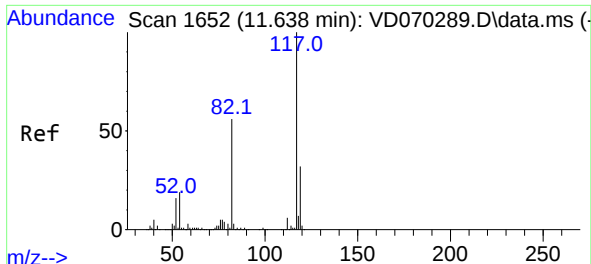
Tgt Ion: 98 Resp: 30242
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.024 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

Tgt Ion: 95 Resp: 11189
Ion Ratio Lower Upper
95 100
174 71.6 0.0 140.6
176 67.0 0.0 137.4

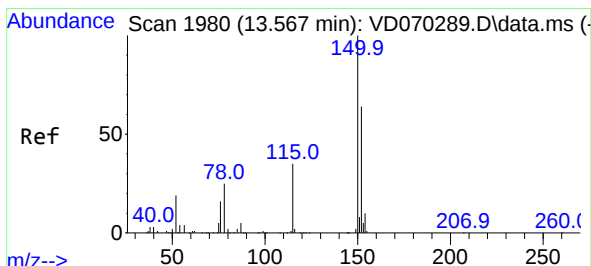
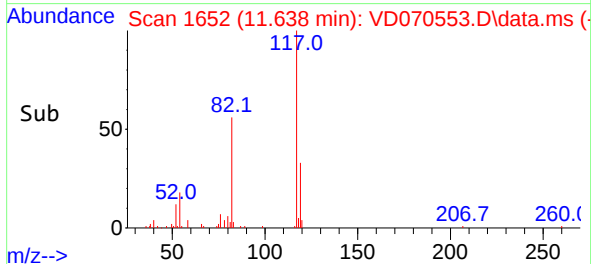
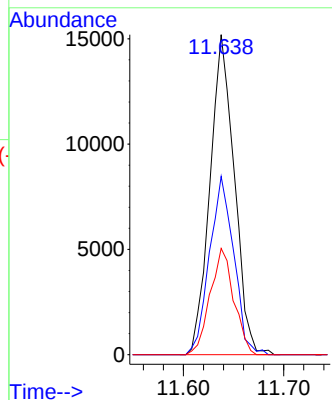
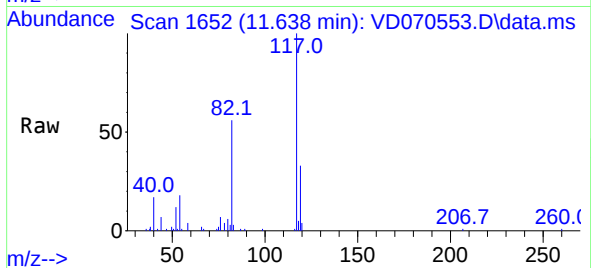




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

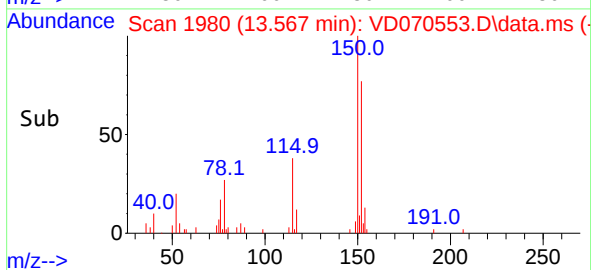
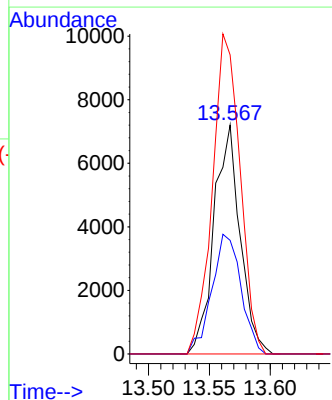
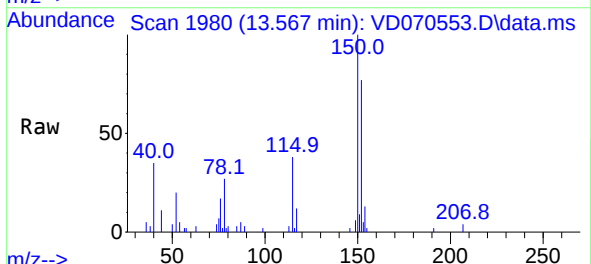
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121

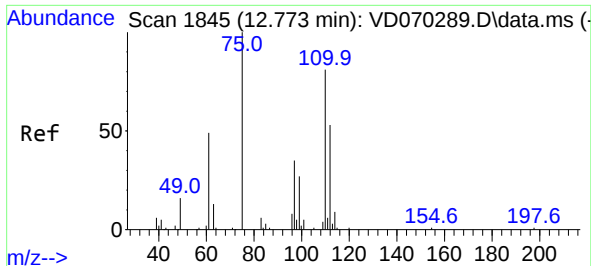
Tgt Ion:	117	Resp:	25601
Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.0	67.4
119	33.2	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

Tgt Ion:	152	Resp:	10748
Ion	Ratio	Lower	Upper
152	100		
115	58.4	32.1	96.3
150	148.0	0.0	350.6

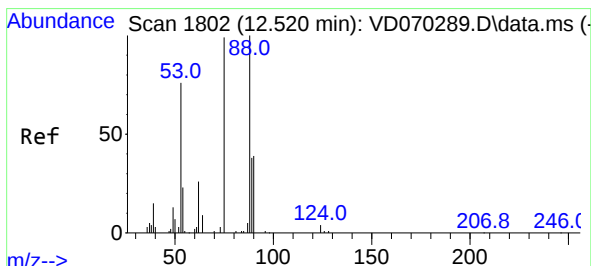
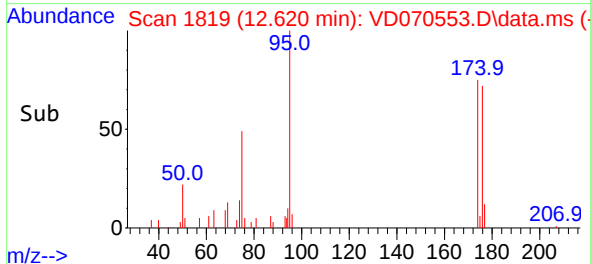
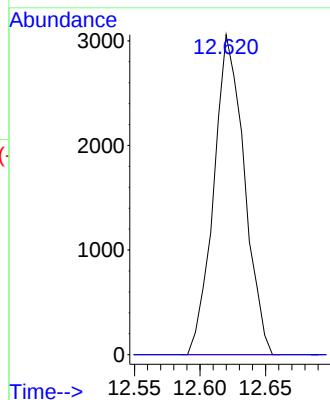
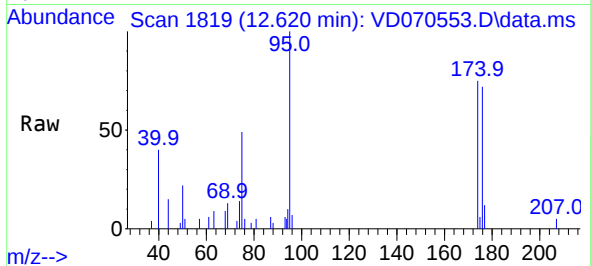




#76
1,2,3-Trichloropropane
Concen: 45.586 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121

Tgt Ion: 75 Resp: 4956
Ion Ratio Lower Upper
75 100
77 0.0 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.220 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070553.D
Acq: 04 Oct 2021 16:12

Tgt Ion: 75 Resp: 4956
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#

