

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071934.D
 Acq On : 11 Feb 2022 13:19
 Operator : VA/SY
 Sample : N1505-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 11 23:57:13 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)

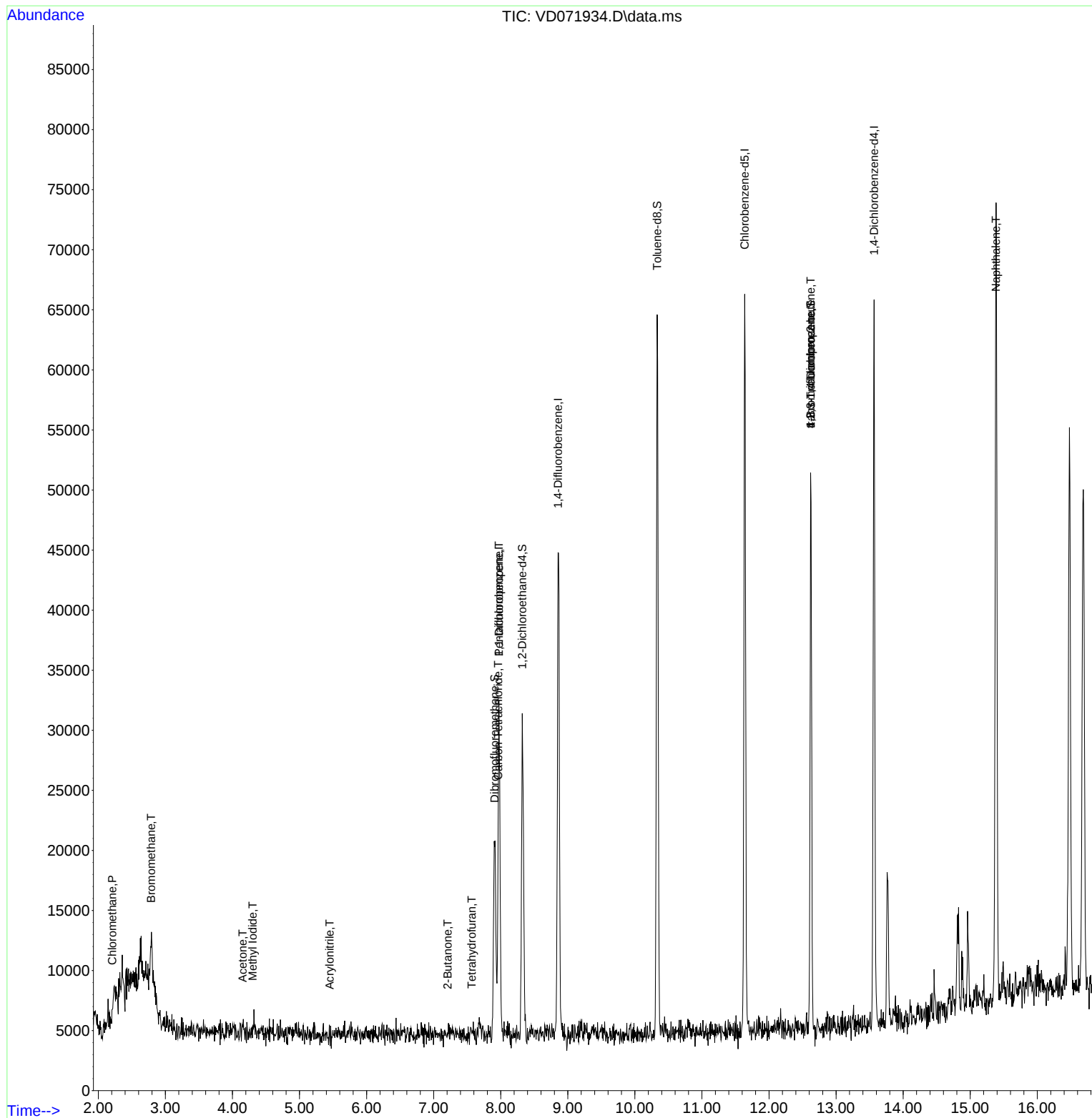
Internal Standards						
1) Pentafluorobenzene	7.973	168	17654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	32619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	33241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	14702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	19501	87.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 174.780%#	
35) Dibromofluoromethane	7.909	113	11536	53.802	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.600%	
50) Toluene-d8	10.332	98	40367	50.411	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	12.620	95	14545	52.014	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	637	2.541	ug/l	94
5) Bromomethane	2.785	94	1841	10.633	ug/l	95
10) Methyl Iodide	4.303	142	480	2.207	ug/l #	40
15) Acrylonitrile	5.450	53	54	1.071	ug/l #	17
16) Acetone	4.150	43	746	12.213	ug/l #	47
20) Methylene Chloride	4.956	84	56	Below Cal	#	2
25) 2-Butanone	7.209	43	133	1.868	ug/l #	52
29) Tetrahydrofuran	7.567	42	58	1.377	ug/l #	38
36) 1,1-Dichloropropene	7.973	75	1624	4.413	ug/l #	43
38) Carbon Tetrachloride	7.961	117	926	2.544	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	8952	57.777	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	8952	142.060	ug/l #	7
95) Naphthalene	15.385	128	55036	106.083	ug/l	97

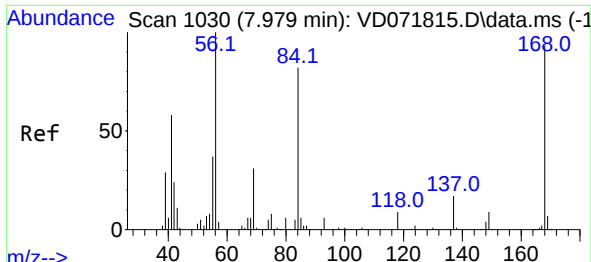
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
Data File : VD071934.D
Acq On : 11 Feb 2022 13:19
Operator : VA/SY
Sample : N1505-01
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 11 23:57:13 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

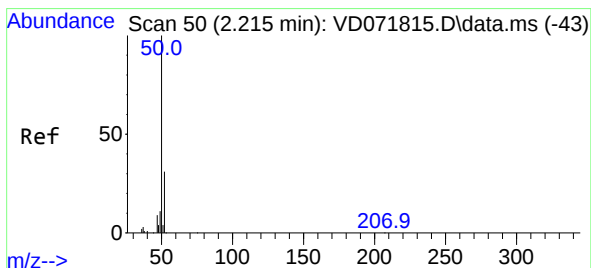
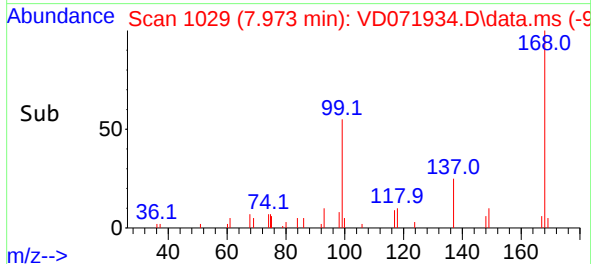
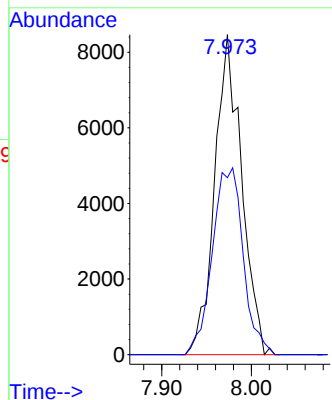
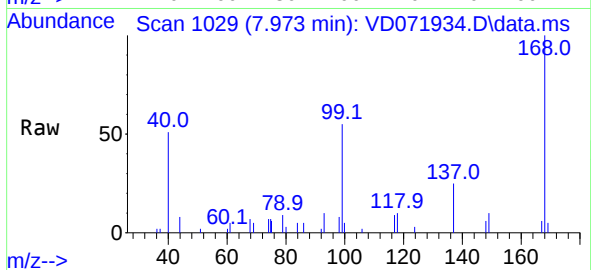




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

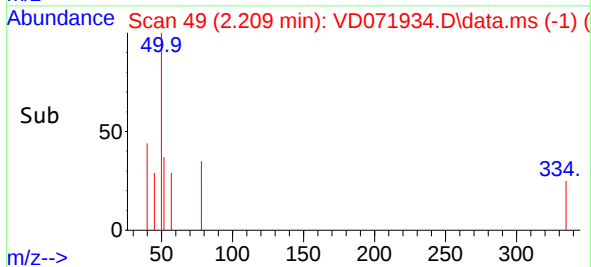
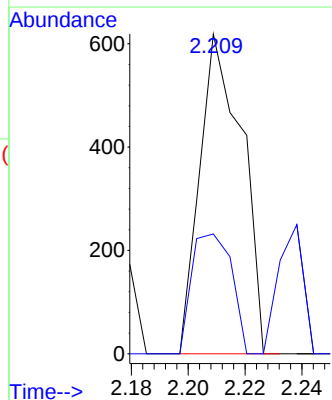
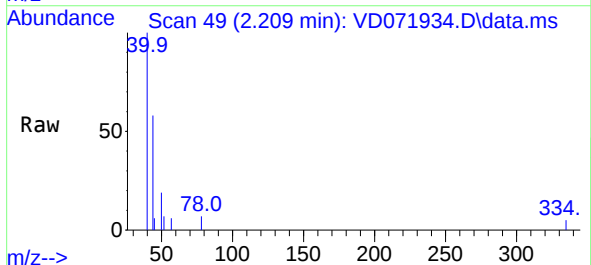
Instrument :
MSVOA_D
ClientSampleId :

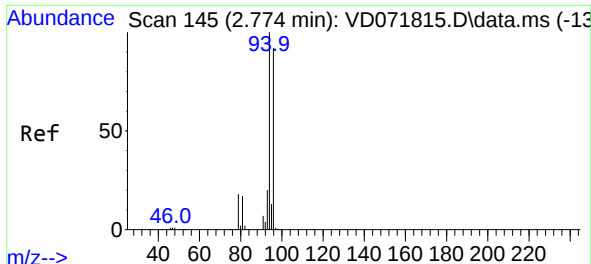
Tgt Ion:168 Resp: 17654
Ion Ratio Lower Upper
168 100
99 55.3 49.8 74.6



#3
Chloromethane
Concen: 2.541 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

Tgt Ion: 50 Resp: 637
Ion Ratio Lower Upper
50 100
52 37.5 27.4 41.0

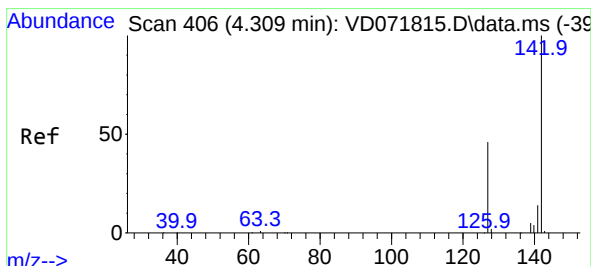
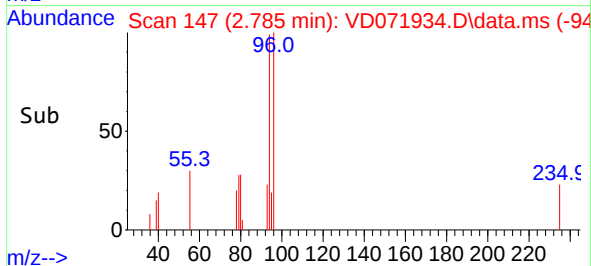
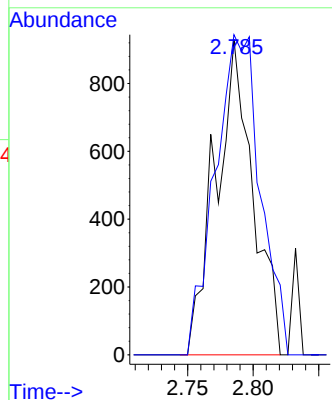
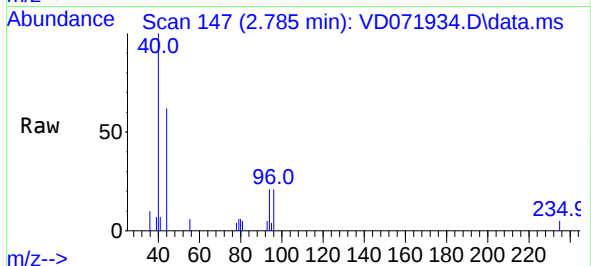




#5
Bromomethane
Concen: 10.633 ug/l
RT: 2.785 min Scan# 14
Delta R.T. 0.012 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

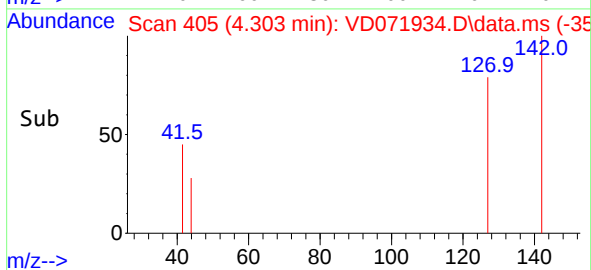
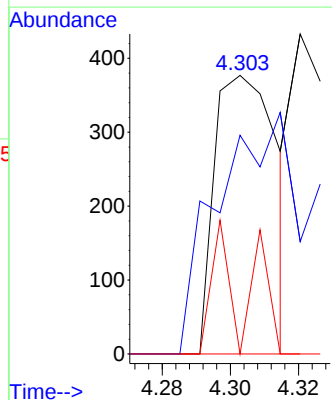
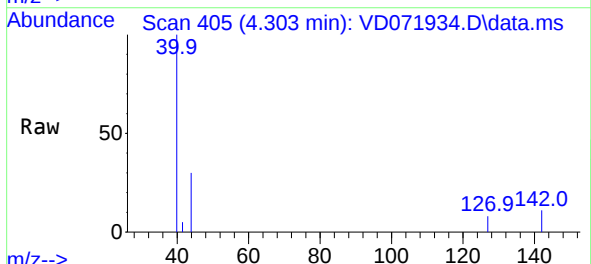
Instrument :
MSVOA_D
ClientSampleId :

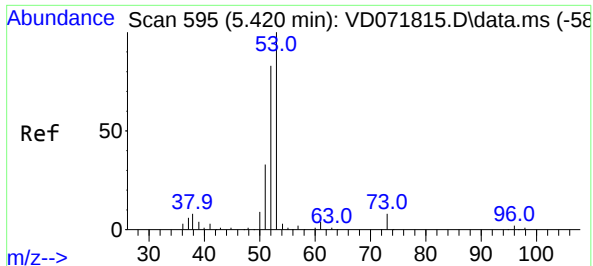
Tgt Ion: 94 Resp: 1841
Ion Ratio Lower Upper
94 100
96 101.5 77.6 116.4



#10
Methyl Iodide
Concen: 2.207 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

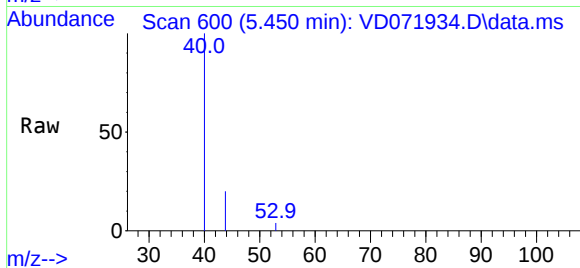
Tgt Ion: 142 Resp: 480
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 25.6 11.7 17.5#



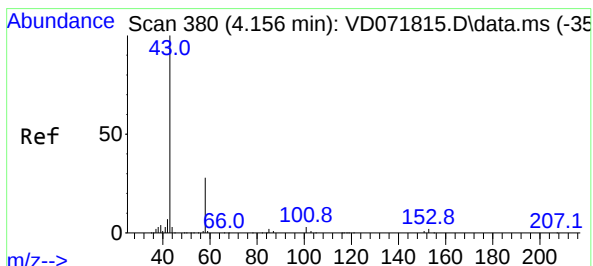
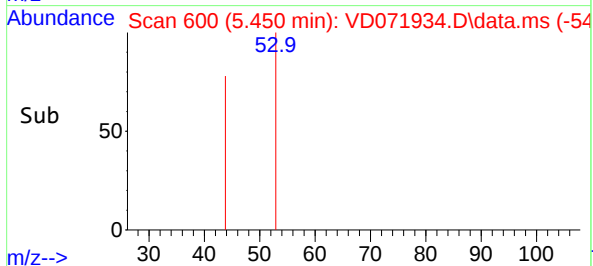
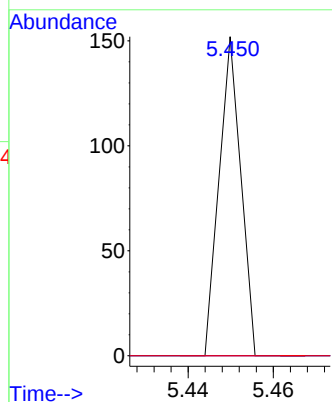


#15
Acrylonitrile
Concen: 1.071 ug/l
RT: 5.450 min Scan# 60
Delta R.T. 0.029 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

Instrument :
MSVOA_D
ClientSampleId :

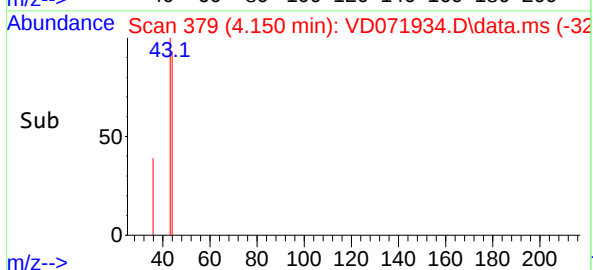
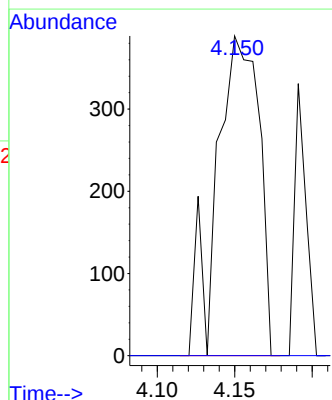
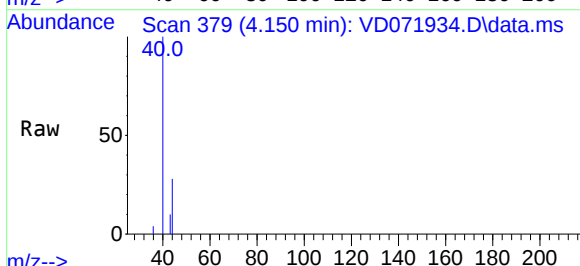


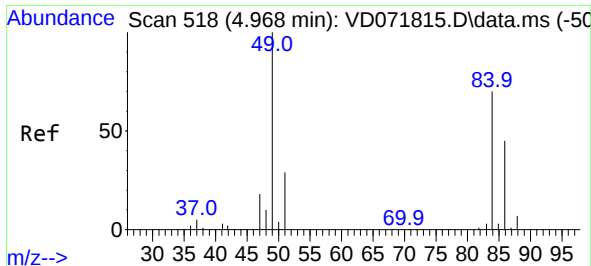
Tgt Ion: 53 Resp: 54
Ion Ratio Lower Upper
53 100
52 0.0 67.2 100.8#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 12.213 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

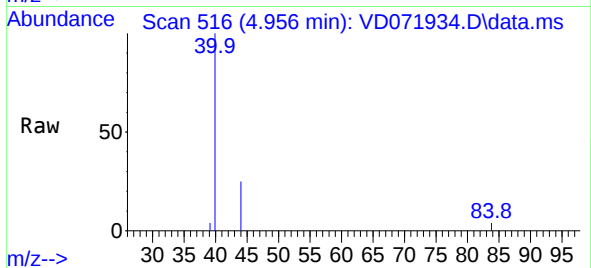
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



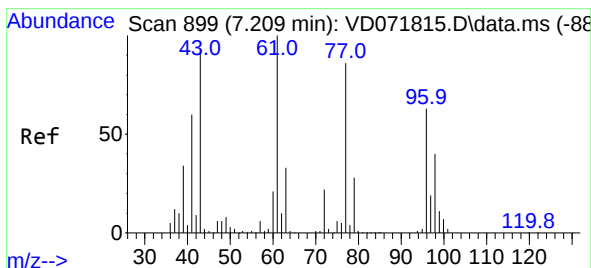
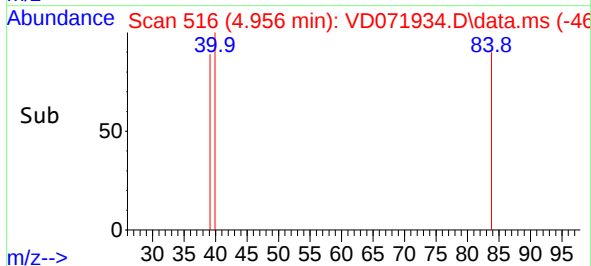
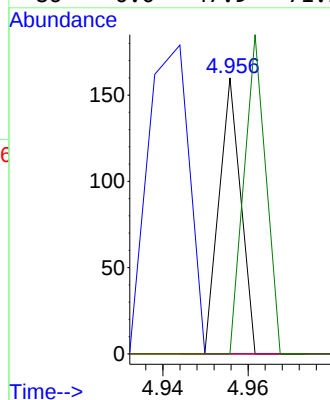


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

Instrument :
MSVOA_D
ClientSampleId :

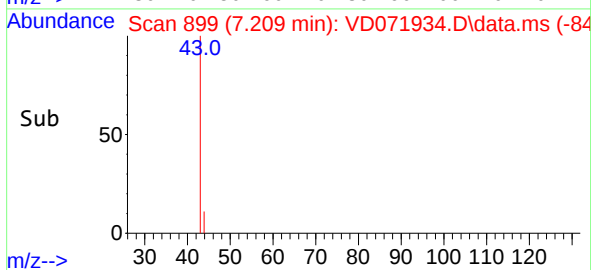
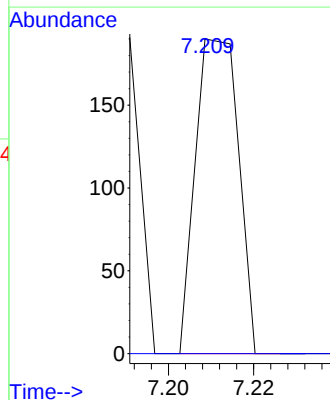
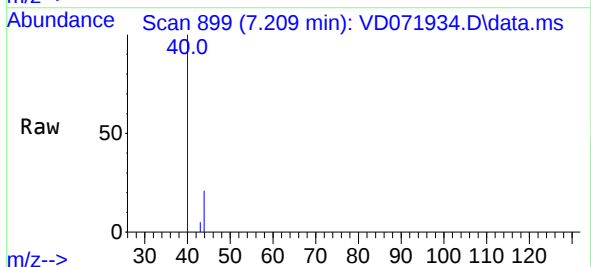


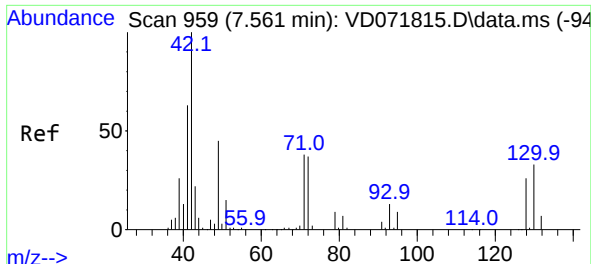
Tgt Ion:	84	Resp:	56
Ion	Ratio	Lower	Upper
84	100		
49	0.0	112.8	169.2#
51	0.0	32.6	48.8#
86	0.0	47.9	71.9#



#25
2-Butanone
Concen: 1.868 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

Tgt Ion:	43	Resp:	133
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#29

Tetrahydrofuran

Concen: 1.377 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.006 min

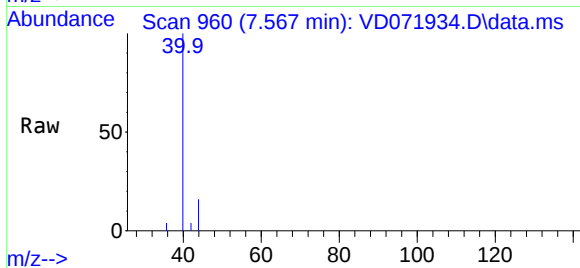
Lab File: VD071934.D

Acq: 11 Feb 2022 13:19

Instrument :

MSVOA_D

ClientSampleId :



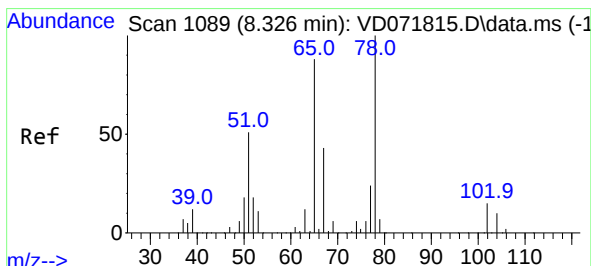
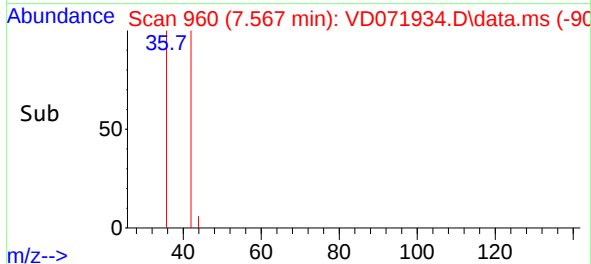
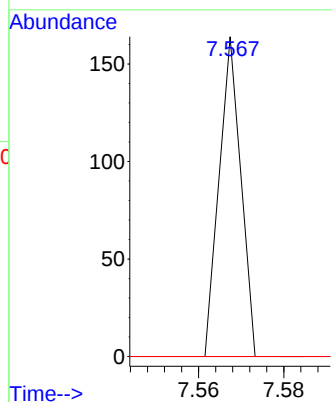
Tgt Ion: 42 Resp: 58

Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#



#33

1,2-Dichloroethane-d4

Concen: 87.395 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD071934.D

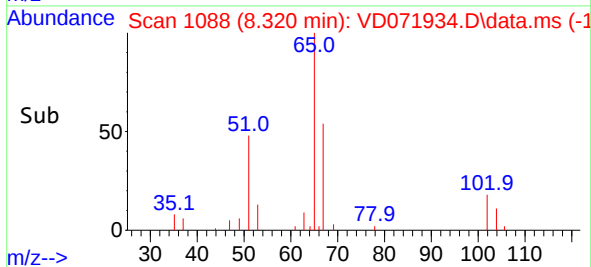
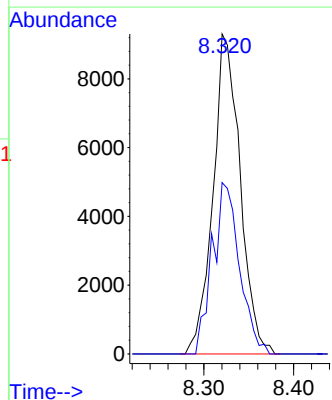
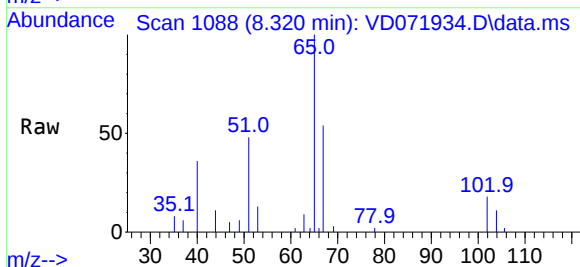
Acq: 11 Feb 2022 13:19

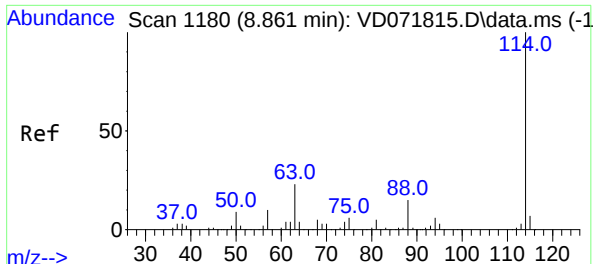
Tgt Ion: 65 Resp: 19501

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4

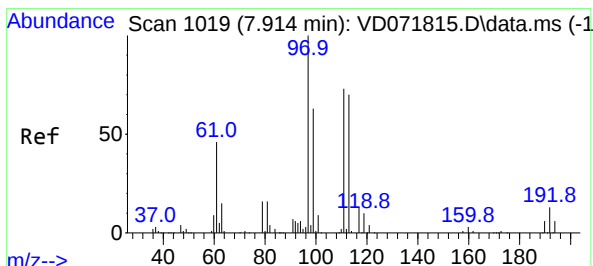
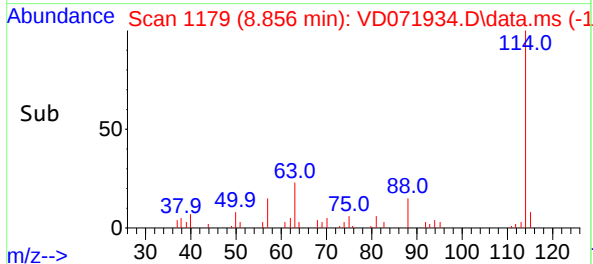
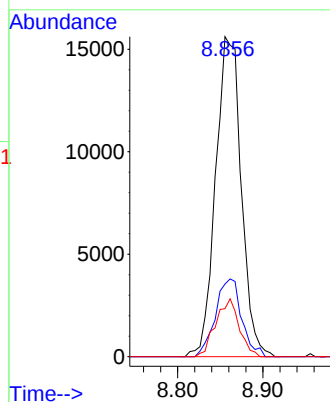
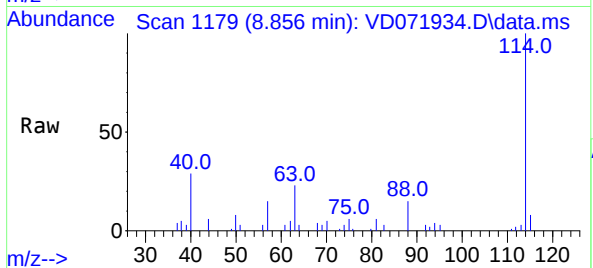




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

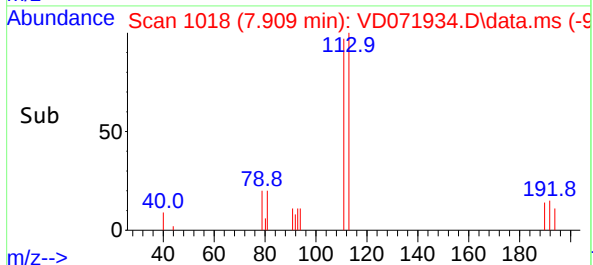
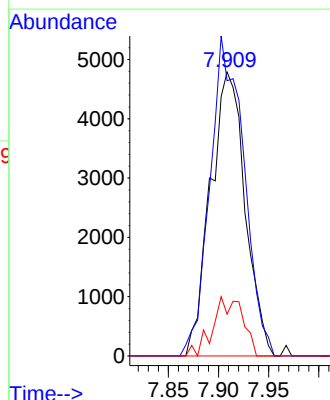
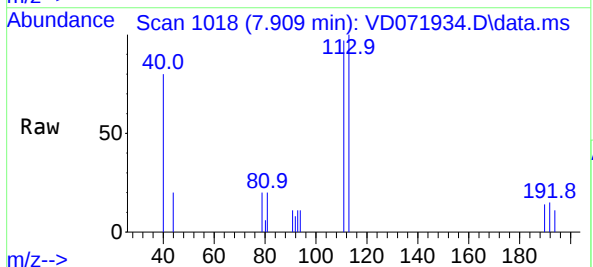
Instrument :
MSVOA_D
ClientSampleId :

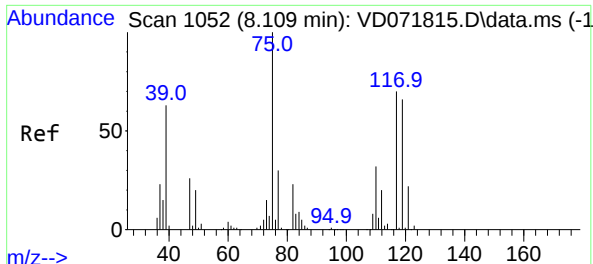
Tgt Ion:114 Resp: 32619
Ion Ratio Lower Upper
114 100
63 22.7 0.0 46.6
88 15.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 53.802 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

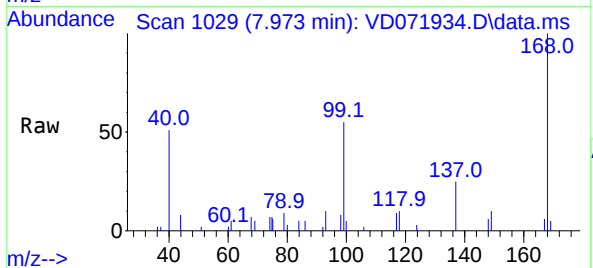
Tgt Ion:113 Resp: 11536
Ion Ratio Lower Upper
113 100
111 109.6 83.8 125.6
192 17.8 14.6 21.8



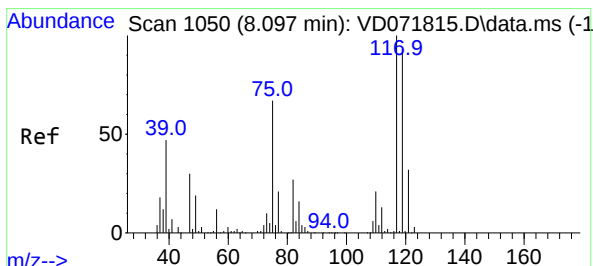
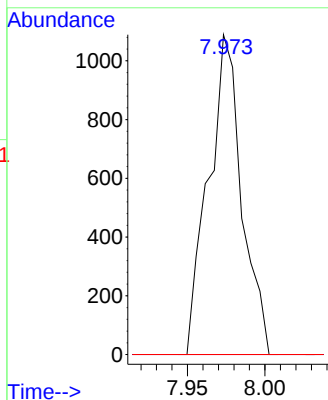
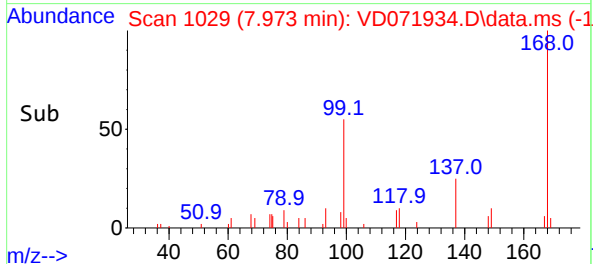


#36
1,1-Dichloropropene
Concen: 4.413 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

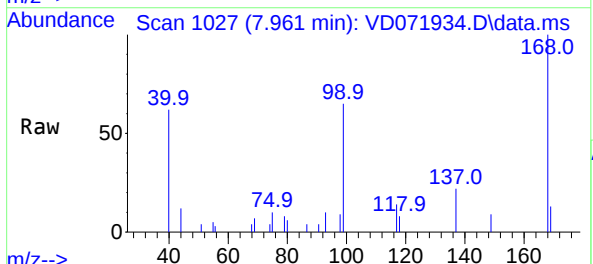
Instrument :
MSVOA_D
ClientSampleId :



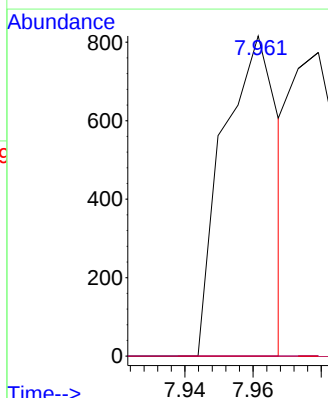
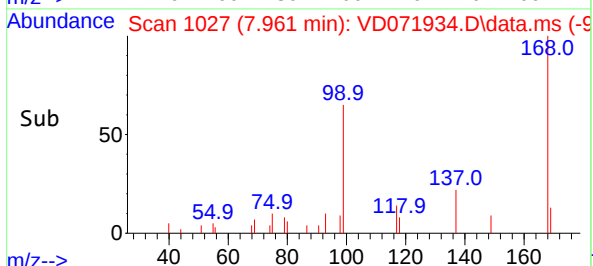
Tgt Ion: 75 Resp: 1624
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#

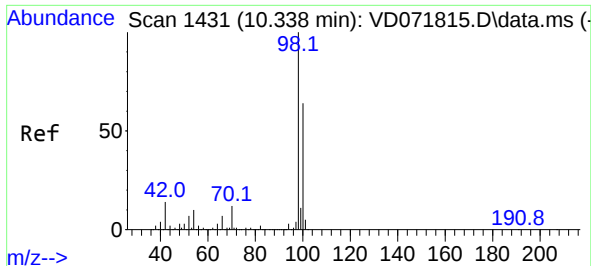


#38
Carbon Tetrachloride
Concen: 2.544 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.135 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19



Tgt Ion: 117 Resp: 926
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#

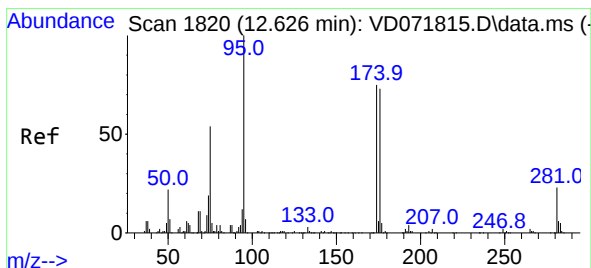
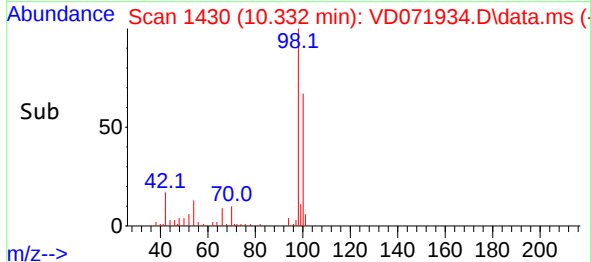
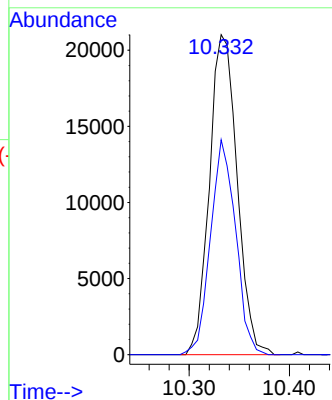
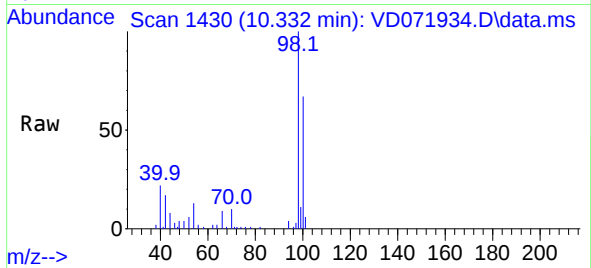




#50
Toluene-d8
Concen: 50.411 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

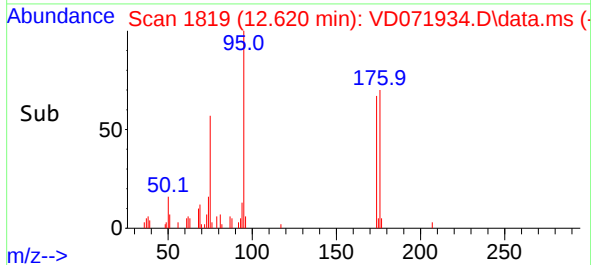
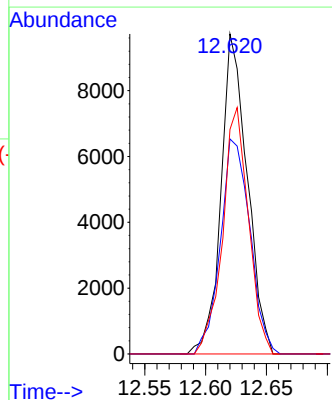
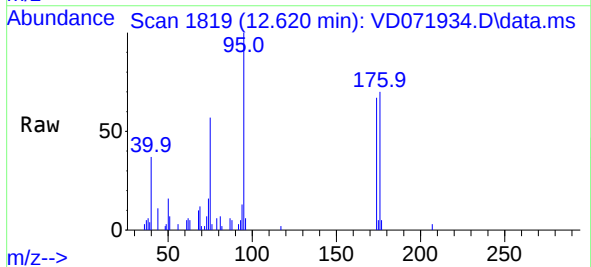
Instrument :
MSVOA_D
ClientSampleId :

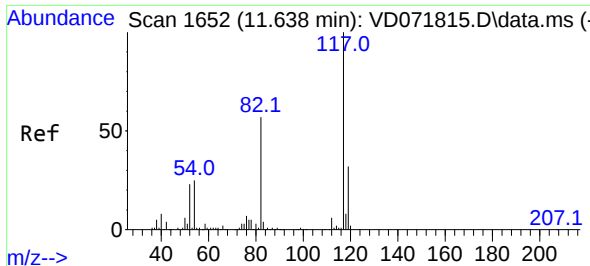
Tgt Ion: 98 Resp: 40367
Ion Ratio Lower Upper
98 100
100 60.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.014 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

Tgt Ion: 95 Resp: 14545
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 75.7 0.0 145.4

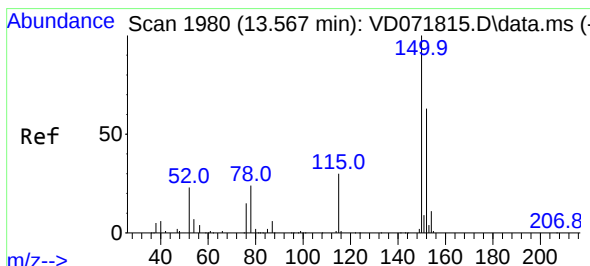
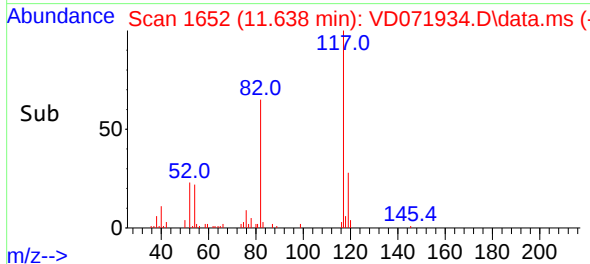
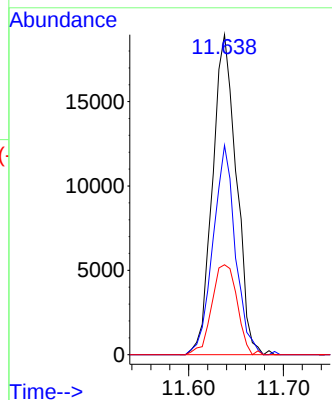
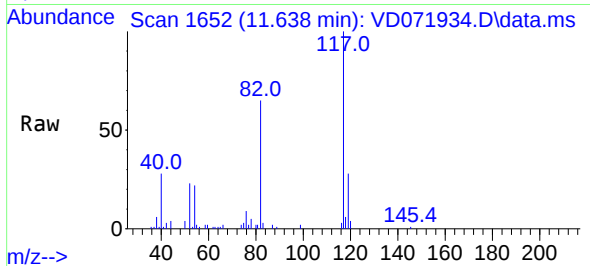




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

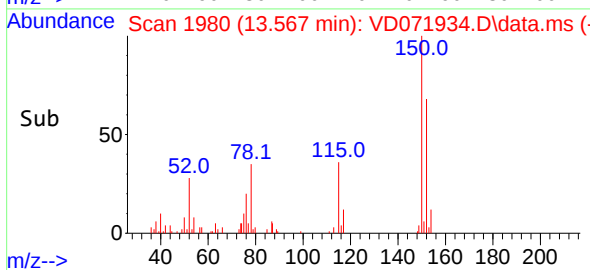
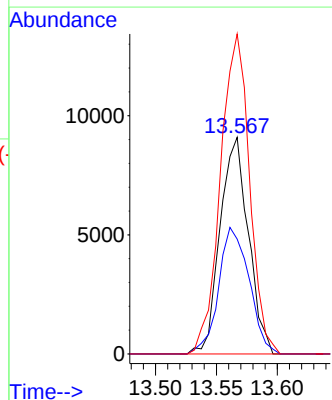
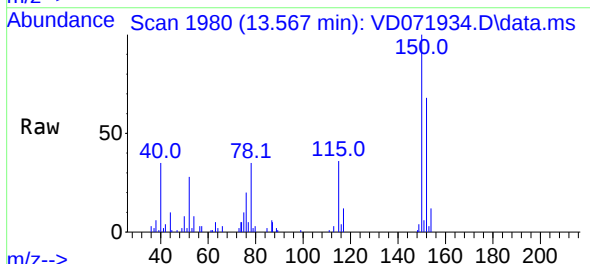
Instrument :
MSVOA_D
ClientSampleId :

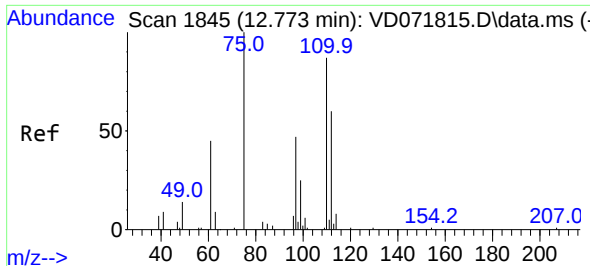
Tgt Ion:	117	Resp:	33241
Ion	Ratio	Lower	Upper
117	100		
82	65.4	45.3	67.9
119	28.1	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

Tgt Ion:	152	Resp:	14702
Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.3	93.8
150	151.9	0.0	348.6

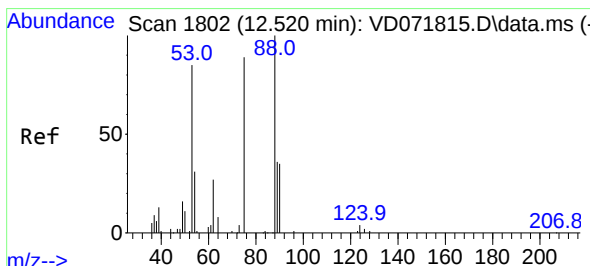
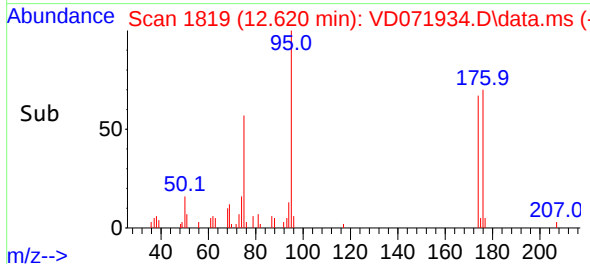
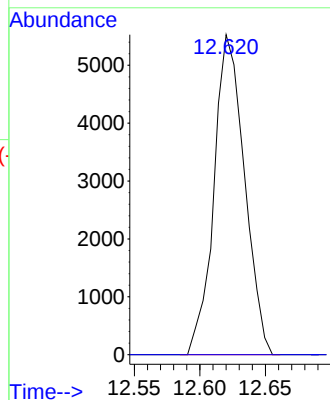
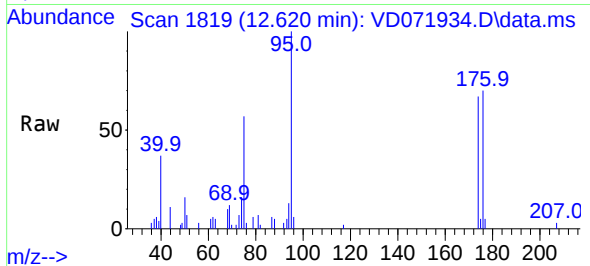




#76
1,2,3-Trichloropropane
Concen: 57.777 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

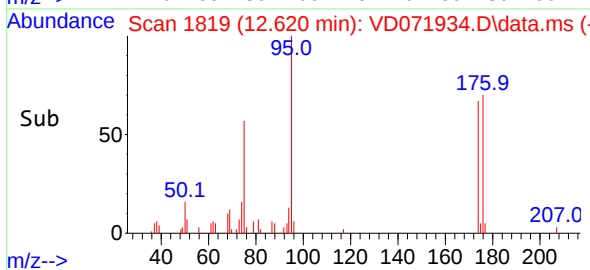
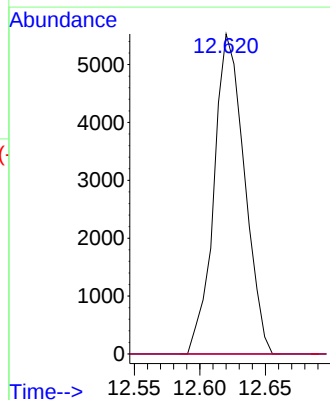
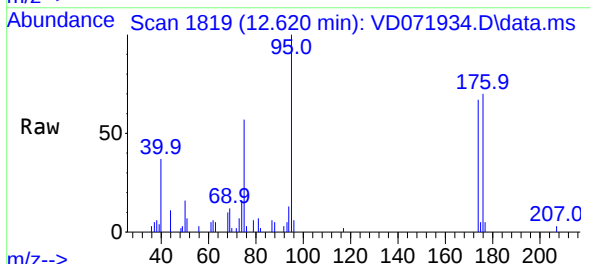
Instrument :
MSVOA_D
ClientSampleId :

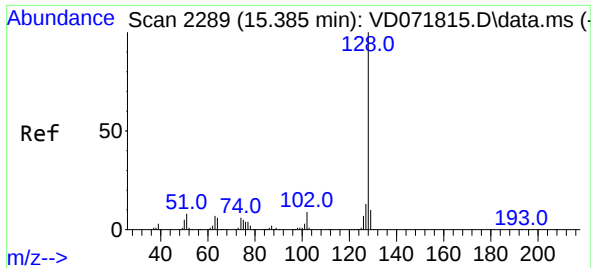
Tgt Ion: 75 Resp: 8952
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 142.060 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

Tgt Ion: 75 Resp: 8952
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 106.083 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.000 min

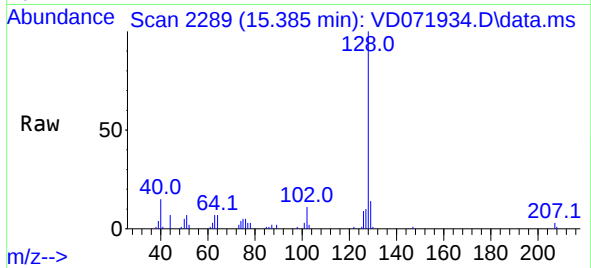
Lab File: VD071934.D

Acq: 11 Feb 2022 13:19

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:128 Resp: 55036

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

129 11.3 8.4 12.6

