

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071967.D
 Acq On : 14 Feb 2022 19:57
 Operator : VA/SY
 Sample : N1526-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HE-2-021122

Quant Time: Feb 15 00:39:09 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)

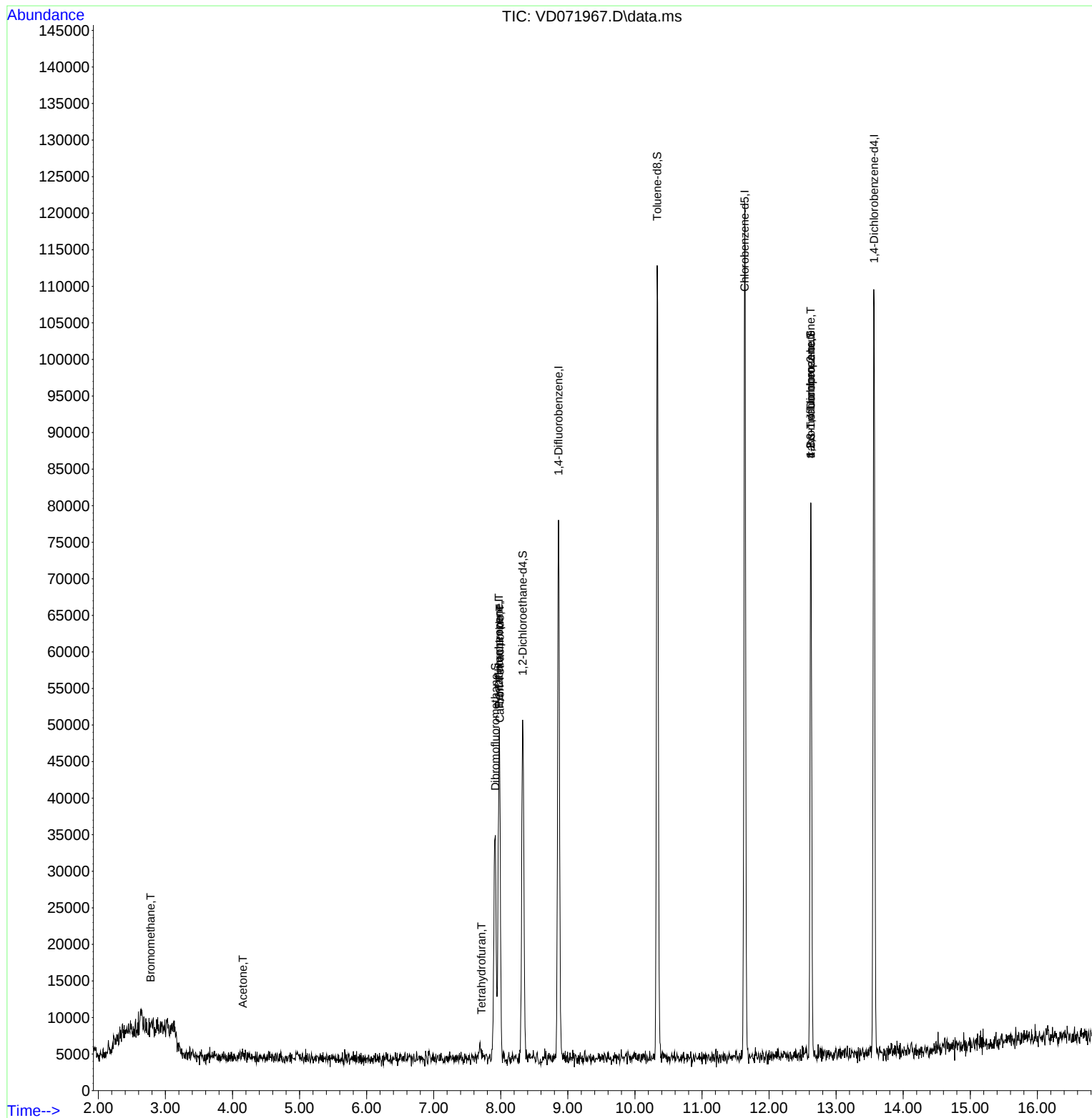
Internal Standards						
1) Pentafluorobenzene	7.973	168	30293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	56882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	62588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	27042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	38468	100.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 200.940%#	
35) Dibromofluoromethane	7.920	113	22242	59.486	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.980%	
50) Toluene-d8	10.332	98	71881	51.476	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.620	95	24839	50.937	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	515	1.733	ug/l #	79
16) Acetone	4.156	43	928	8.854	ug/l #	39
20) Methylene Chloride	4.967	84	200	Below Cal	#	24
29) Tetrahydrofuran	7.714	42	120	1.660	ug/l #	38
36) 1,1-Dichloropropene	7.973	75	3098	4.827	ug/l #	49
38) Carbon Tetrachloride	7.985	117	3258	5.134	ug/l #	23
76) 1,2,3-Trichloropropane	12.620	75	14566	51.111	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	14566	125.669	ug/l #	7

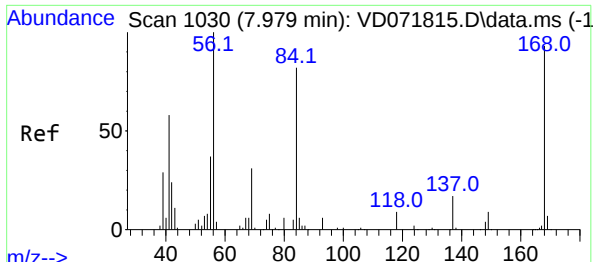
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.07G/5.00ml/MSVOA_D/SOIL
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ClientSampleId :
HE-2-021122

Quant Time: Feb 15 00:39:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
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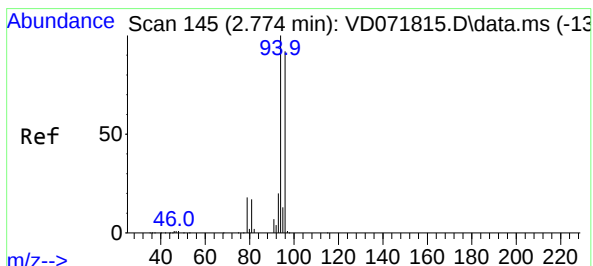
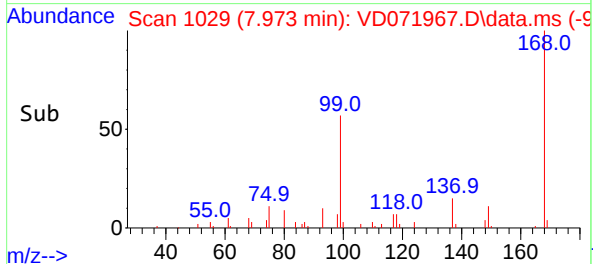
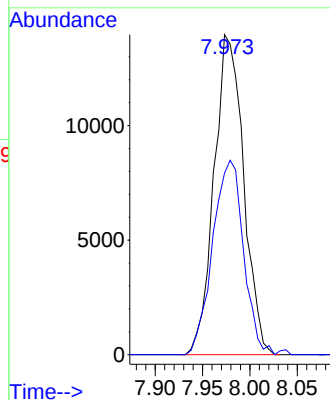
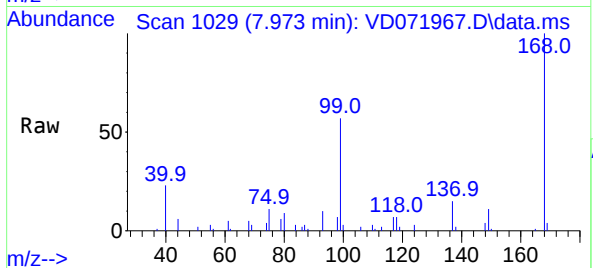




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

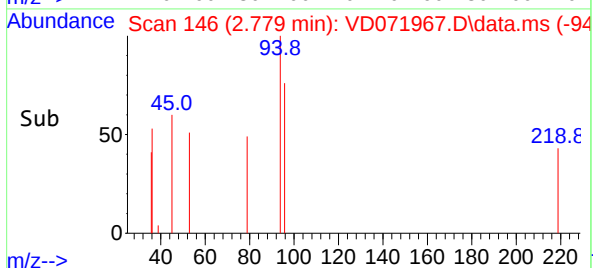
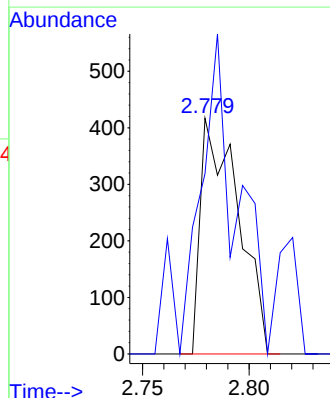
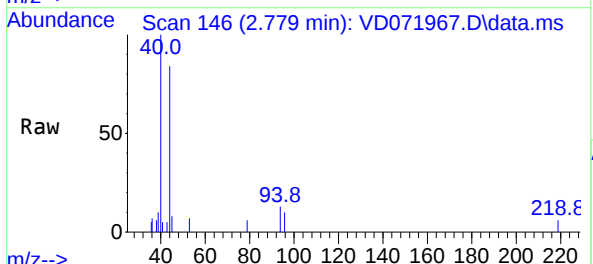
Instrument :
MSVOA_D
ClientSampleId :
HE-2-021122

Tgt Ion:168 Resp: 30293
Ion Ratio Lower Upper
168 100
99 56.7 49.8 74.6



#5
Bromomethane
Concen: 1.733 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 76.5 77.6 116.4#

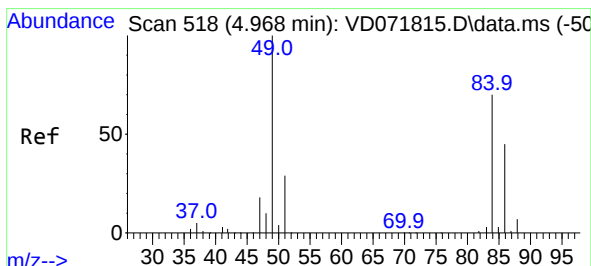
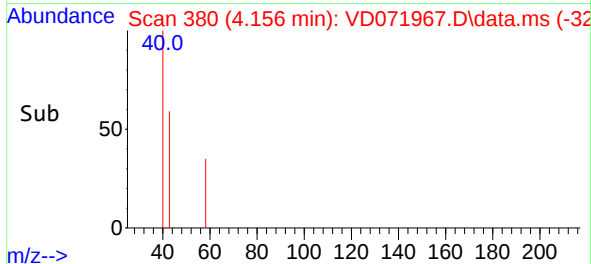
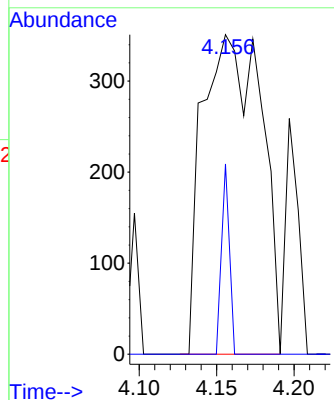
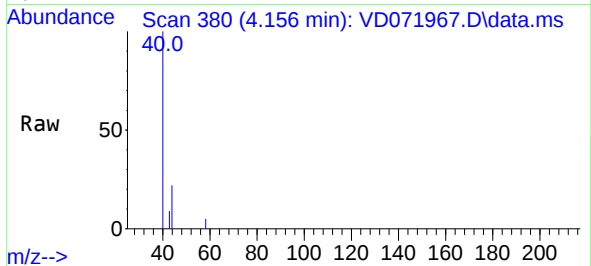




#16
Acetone
Concen: 8.854 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

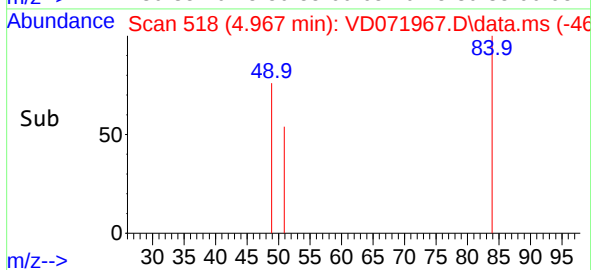
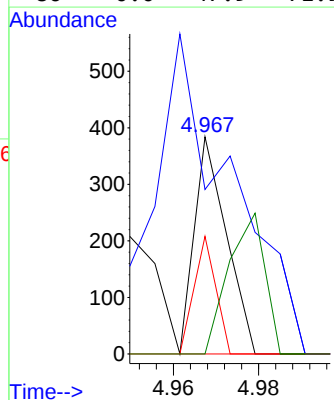
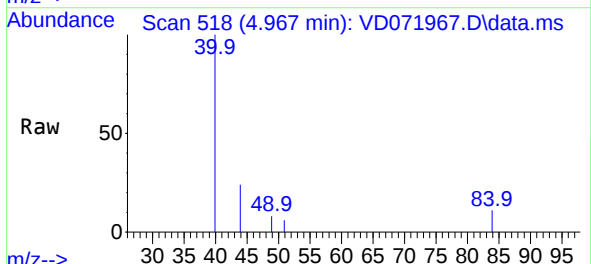
Instrument :
MSVOA_D
ClientSampleId :
HE-2-021122

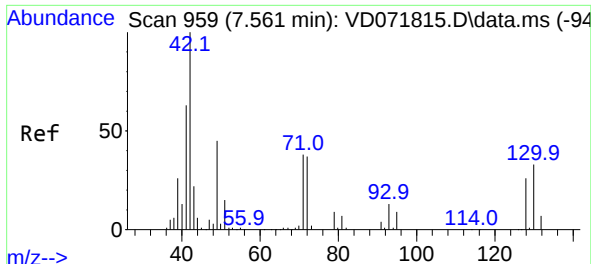
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 59.5 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

Tgt Ion: 84 Resp: 200
Ion Ratio Lower Upper
84 100
49 29.7 112.8 169.2#
51 54.2 32.6 48.8#
86 0.0 47.9 71.9#

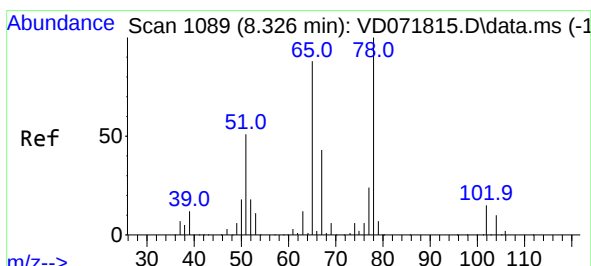
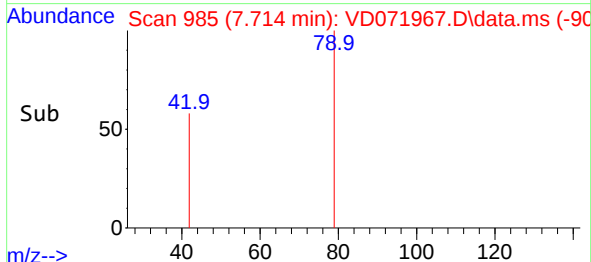
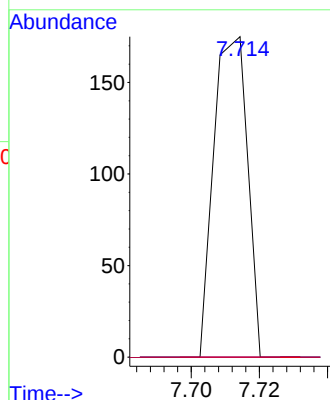
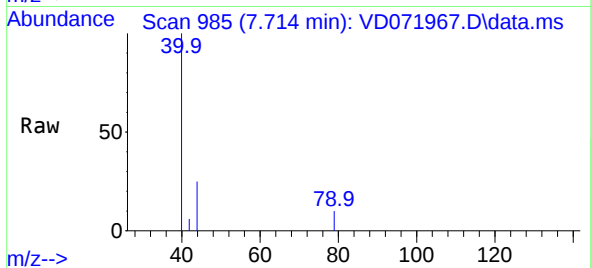




#29
Tetrahydrofuran
Concen: 1.660 ug/l
RT: 7.714 min Scan# 91
Delta R.T. 0.153 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

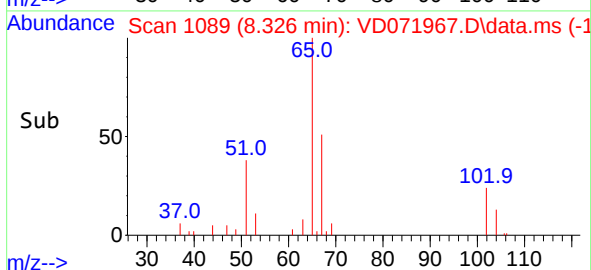
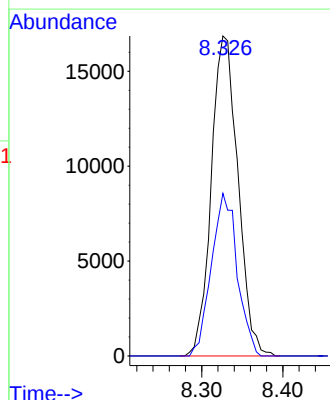
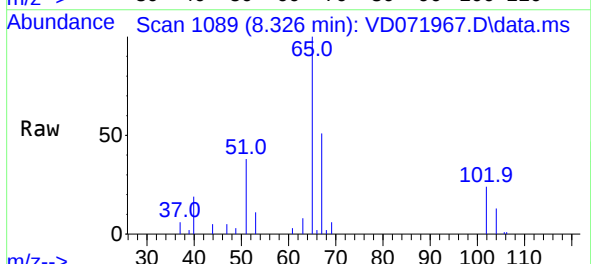
Instrument :
MSVOA_D
ClientSampleId :
HE-2-021122

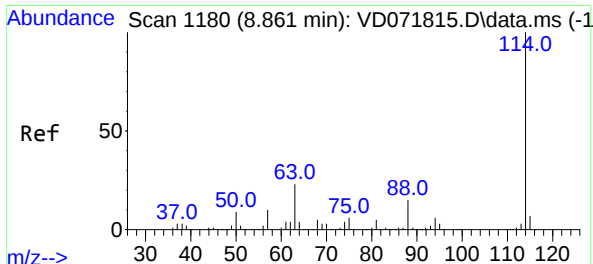
Tgt Ion: 42 Resp: 120
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#



#33
1,2-Dichloroethane-d4
Concen: 100.468 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

Tgt Ion: 65 Resp: 38468
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.4

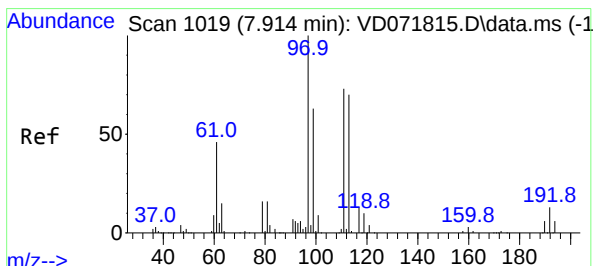
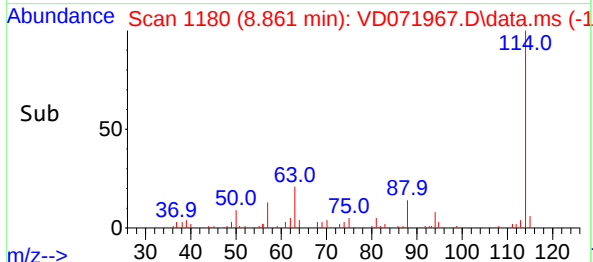
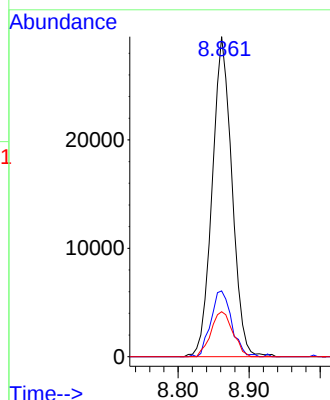
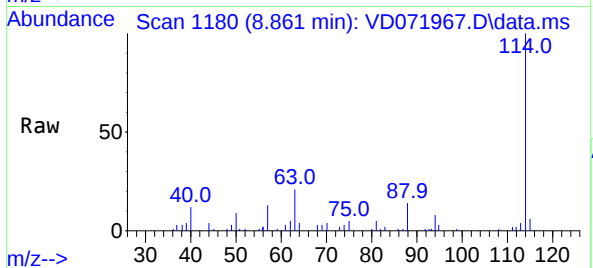




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

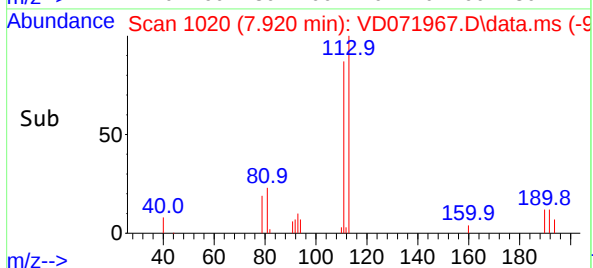
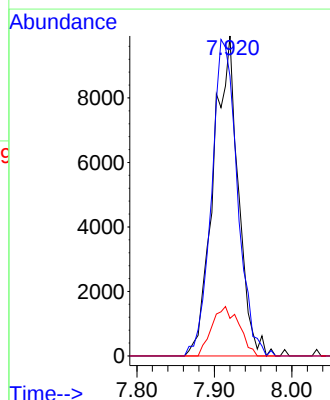
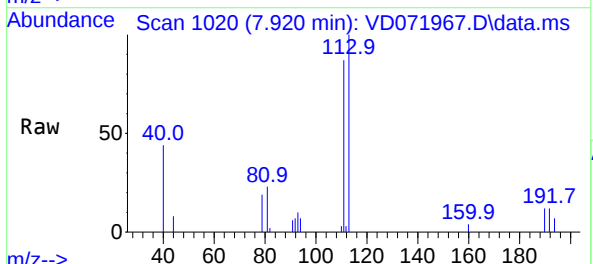
Instrument :
MSVOA_D
ClientSampleId :
HE-2-021122

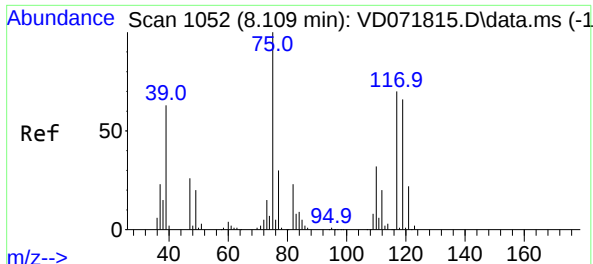
Tgt Ion:114	Resp:	56882
Ion Ratio	Lower	Upper
114	100	
63	20.6	0.0 46.6
88	14.1	0.0 33.2



#35
Dibromofluoromethane
Concen: 59.486 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

Tgt Ion:113	Resp:	22242
Ion Ratio	Lower	Upper
113	100	
111	102.4	83.8 125.6
192	16.8	14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.827 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071967.D

Acq: 14 Feb 2022 19:57

Instrument :

MSVOA_D

ClientSampleId :

HE-2-021122

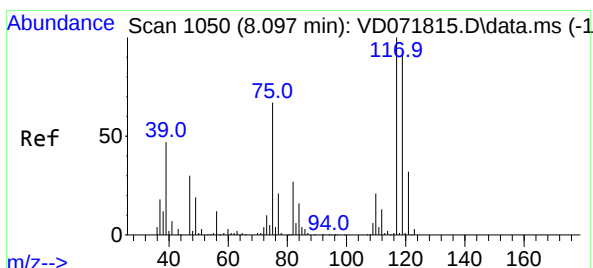
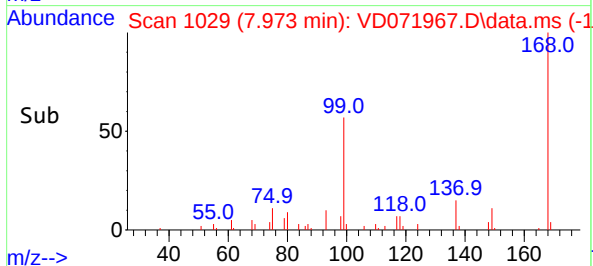
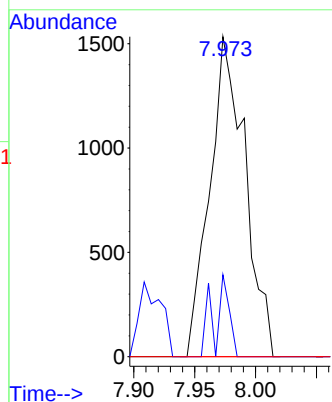
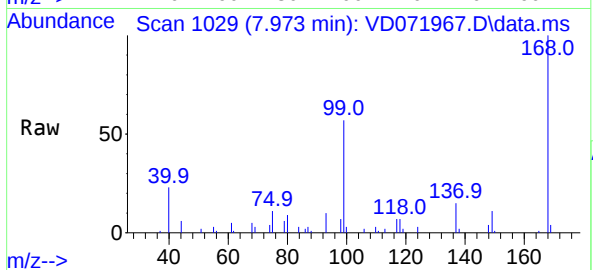
Tgt Ion: 75 Resp: 3098

Ion Ratio Lower Upper

75 100

110 6.8 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.134 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.112 min

Lab File: VD071967.D

Acq: 14 Feb 2022 19:57

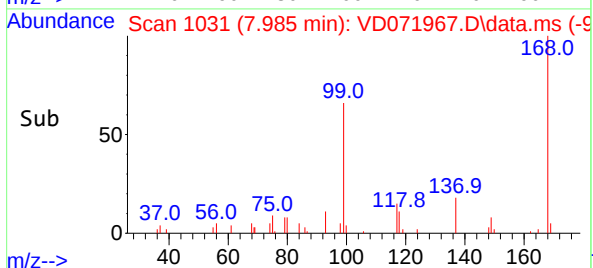
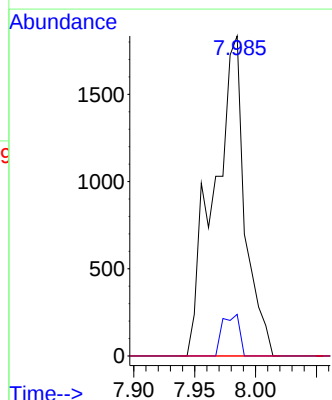
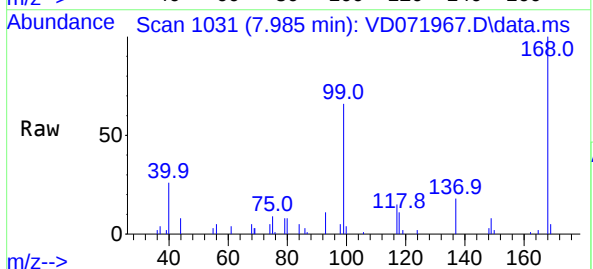
Tgt Ion: 117 Resp: 3258

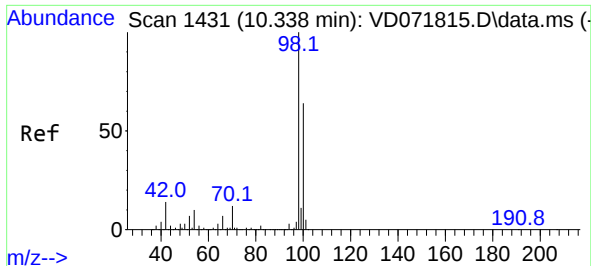
Ion Ratio Lower Upper

117 100

119 13.0 75.8 113.6#

121 0.0 24.5 36.7#

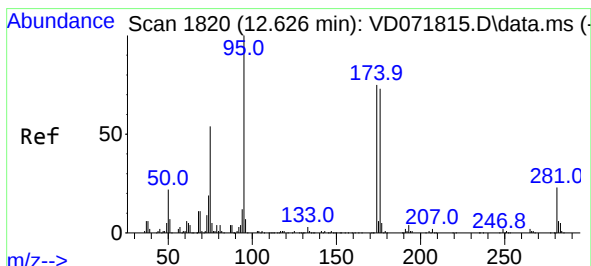
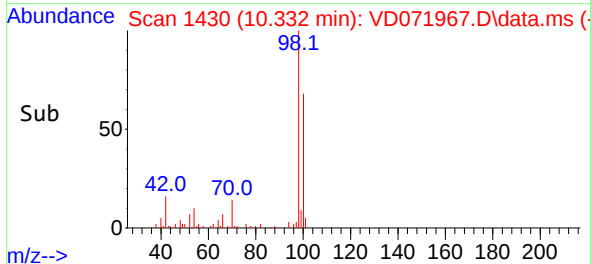
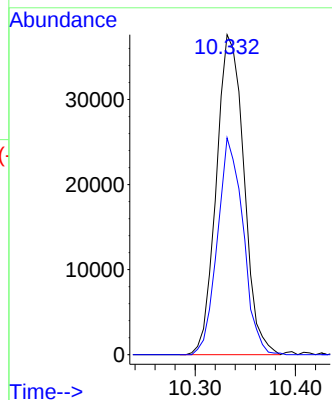
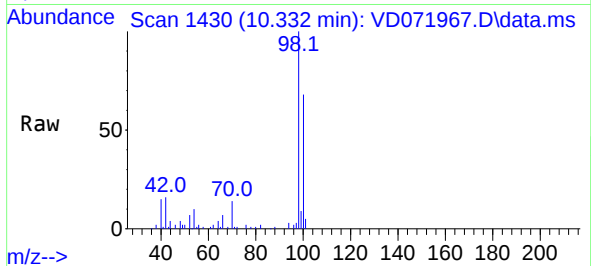




#50
Toluene-d8
Concen: 51.476 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

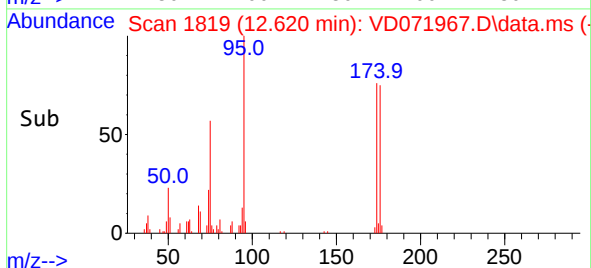
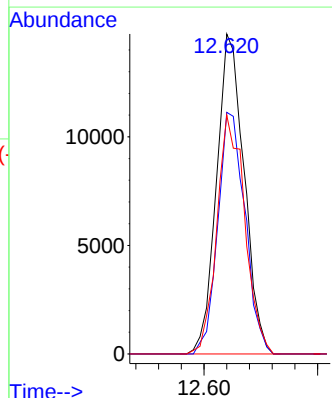
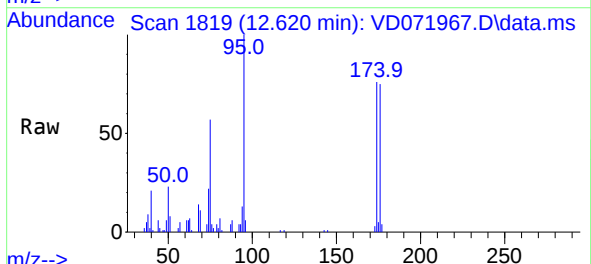
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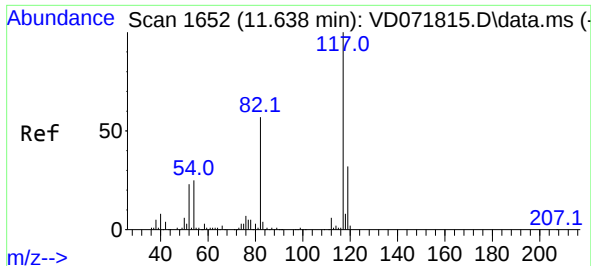
Tgt Ion: 98 Resp: 71881
Ion Ratio Lower Upper
98 100
100 63.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.937 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

Tgt Ion: 95 Resp: 24839
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 75.2 0.0 145.4

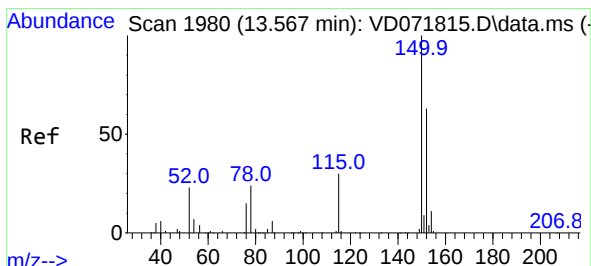
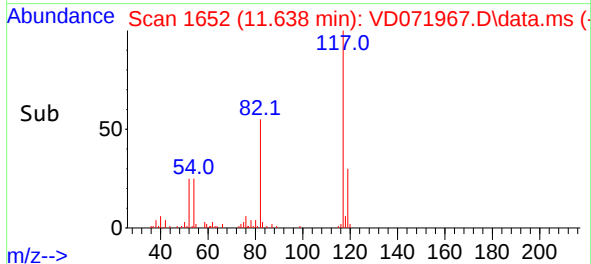
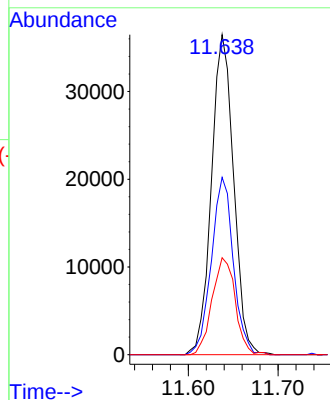
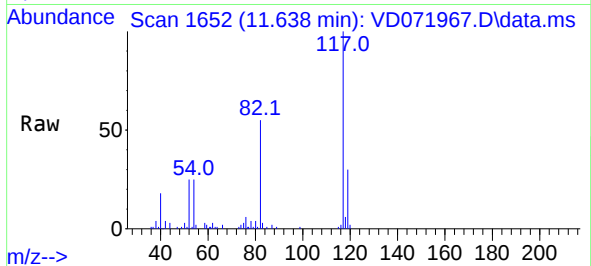




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

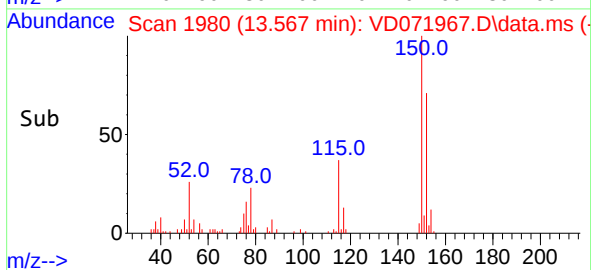
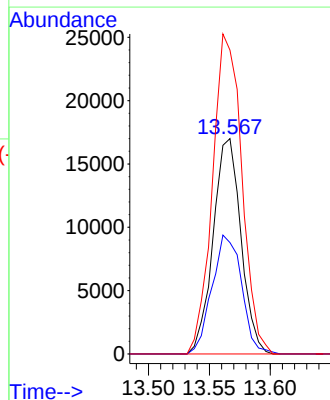
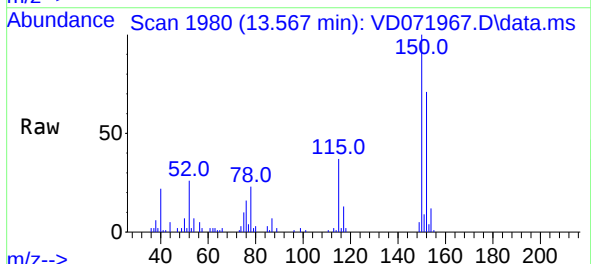
Instrument :
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ClientSampleId :
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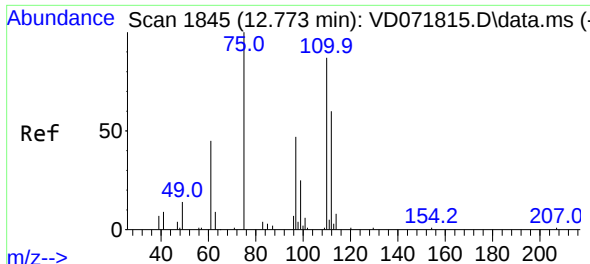
Tgt Ion:	117	Resp:	62588
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.3	67.9
119	30.3	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

Tgt Ion:	152	Resp:	27042
Ion	Ratio	Lower	Upper
152	100		
115	58.7	31.3	93.8
150	156.6	0.0	348.6

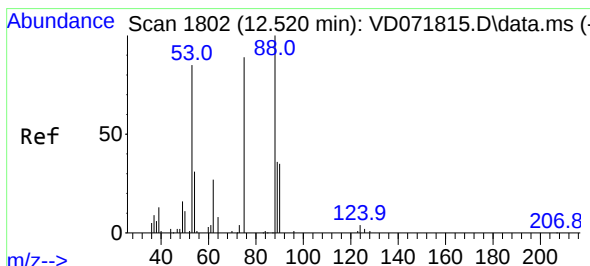
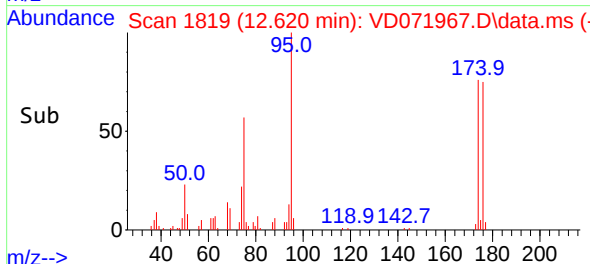
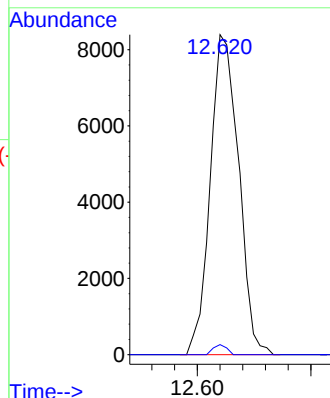
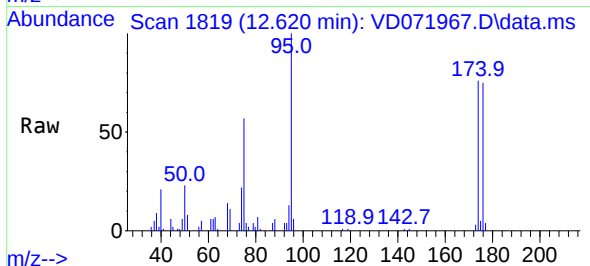




#76
1,2,3-Trichloropropane
Concen: 51.111 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

Instrument :
MSVOA_D
ClientSampleId :
HE-2-021122

Tgt Ion: 75 Resp: 14566
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.669 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

Tgt Ion: 75 Resp: 14566
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

