

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072071.D
 Acq On : 23 Feb 2022 12:44
 Operator : VA/SY
 Sample : N1628-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-3

Quant Time: Feb 24 06:46:27 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)

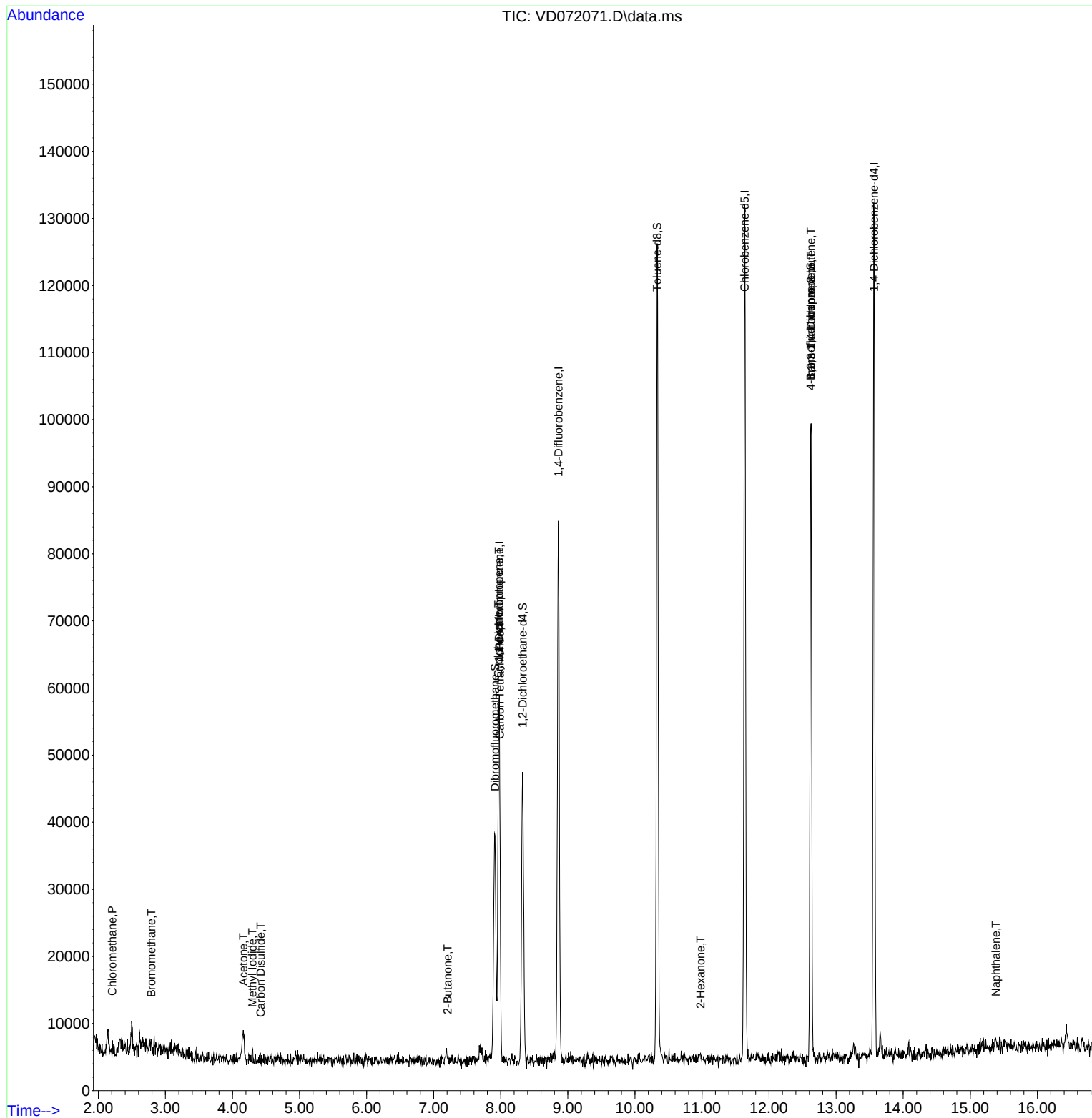
Internal Standards						
1) Pentafluorobenzene	7.979	168	40419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	66173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	73319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	35256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	33609	80.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.320%	
35) Dibromofluoromethane	7.914	113	24483	61.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.140%	
50) Toluene-d8	10.331	98	79688	53.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.200%	
62) 4-Bromofluorobenzene	12.620	95	32661	59.803	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.600%	
Target Compounds						Qvalue
3) Chloromethane	2.208	50	738	2.404	ug/l #	70
5) Bromomethane	2.791	94	767	1.473	ug/l #	74
10) Methyl Iodide	4.296	142	750	4.463	ug/l #	77
16) Acetone	4.161	43	6827	75.344	ug/l #	75
17) Carbon Disulfide	4.420	76	540	1.179	ug/l #	76
18) Methyl Acetate	4.755	43	55	Below Cal	#	52
25) 2-Butanone	7.208	43	973	7.769	ug/l #	50
31) Cyclohexane	7.967	56	1184	1.599	ug/l #	13
36) 1,1-Dichloropropene	7.973	75	3464	5.704	ug/l #	49
38) Carbon Tetrachloride	7.984	117	4554	7.316	ug/l #	22
59) 2-Hexanone	10.978	43	278	1.466	ug/l #	25
76) 1,2,3-Trichloropropane	12.625	75	16160	48.390	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.625	75	16160	121.179	ug/l #	10
95) Naphthalene	15.384	128	1826	1.630	ug/l #	80

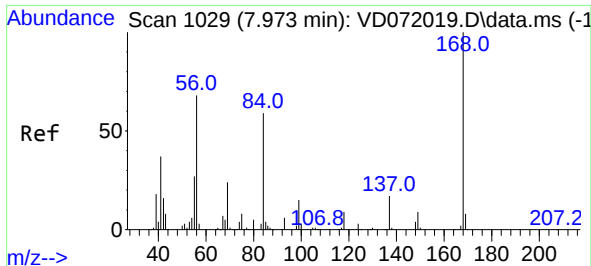
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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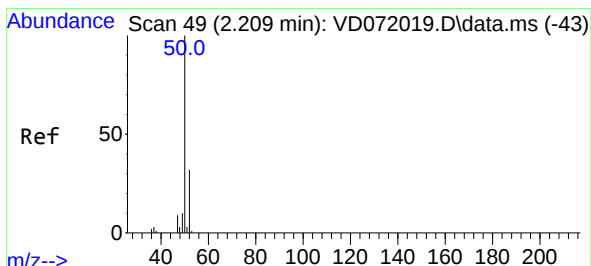
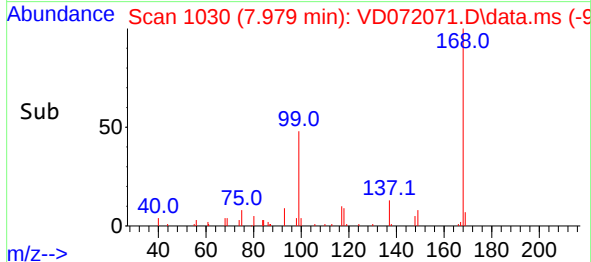
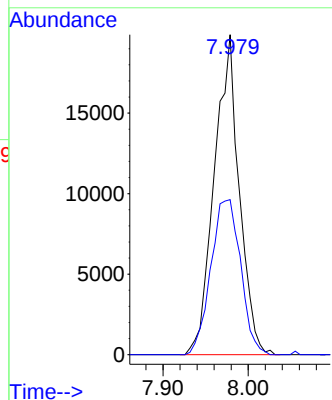
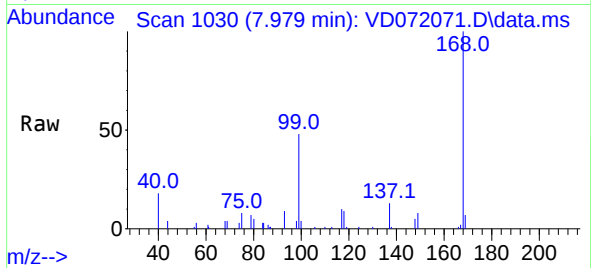




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

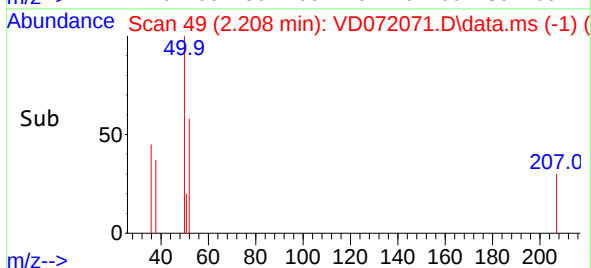
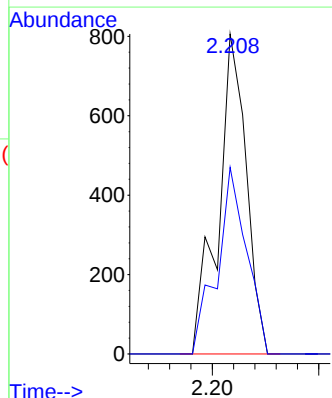
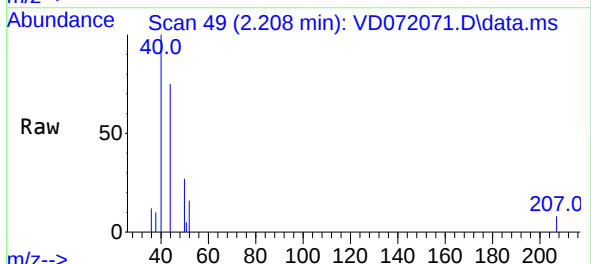
Instrument :
MSVOA_D
ClientSampleId :
BP-3

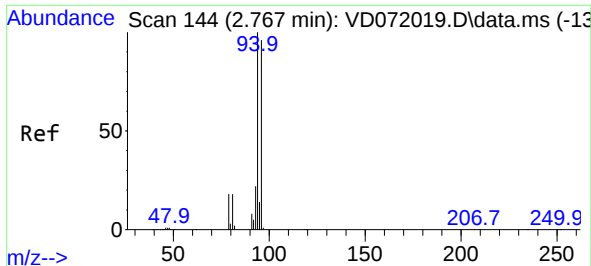
Tgt Ion:168 Resp: 40419
Ion Ratio Lower Upper
168 100
99 48.5 47.1 70.7



#3
Chloromethane
Concen: 2.404 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

Tgt Ion: 50 Resp: 738
Ion Ratio Lower Upper
50 100
52 48.6 25.5 38.3#

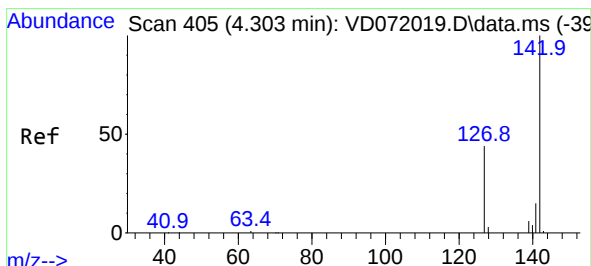
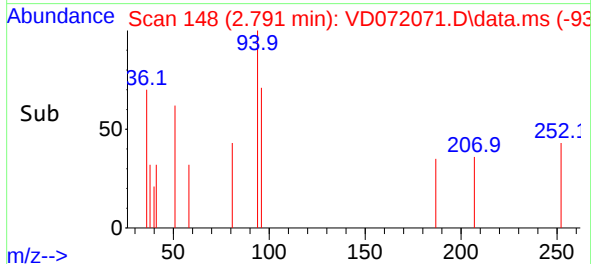
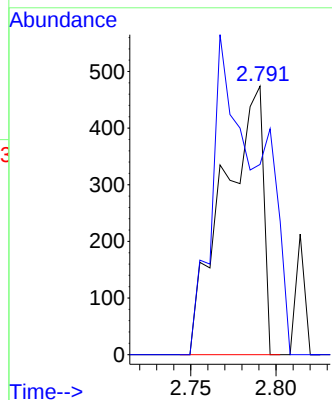
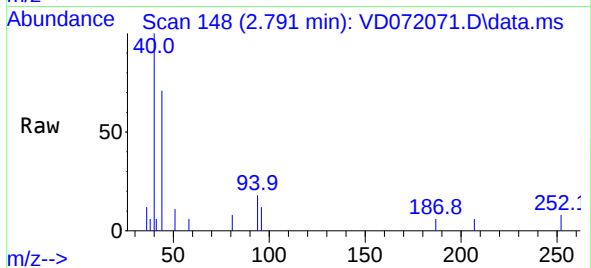




#5
Bromomethane
Concen: 1.473 ug/l
RT: 2.791 min Scan# 144
Delta R.T. 0.024 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

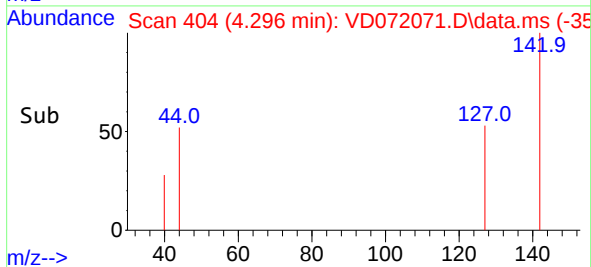
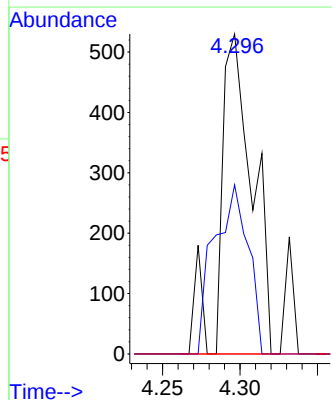
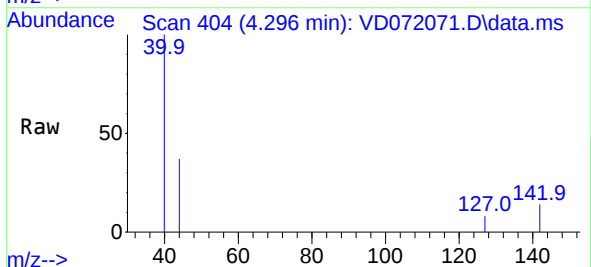
Instrument :
MSVOA_D
ClientSampleId :
BP-3

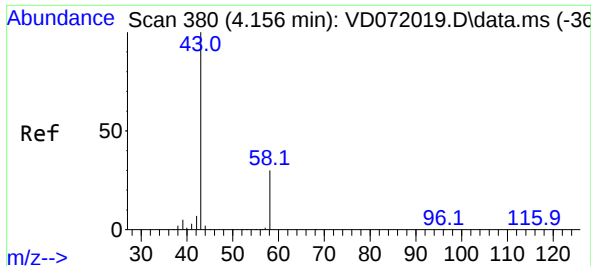
Tgt Ion: 94 Resp: 767
Ion Ratio Lower Upper
94 100
96 70.9 76.8 115.2#



#10
Methyl Iodide
Concen: 4.463 ug/l
RT: 4.296 min Scan# 404
Delta R.T. -0.007 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

Tgt Ion: 142 Resp: 750
Ion Ratio Lower Upper
142 100
127 57.2 35.8 53.8#
141 0.0 11.6 17.4#

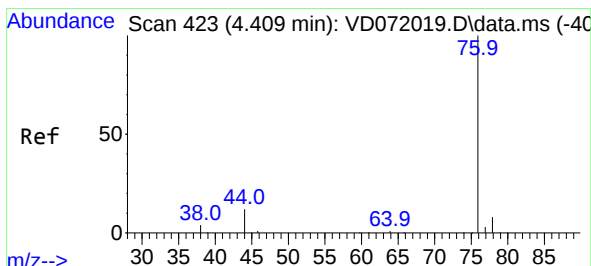
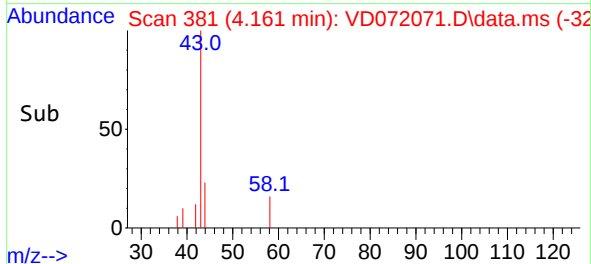
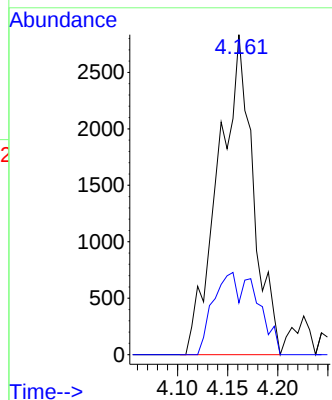
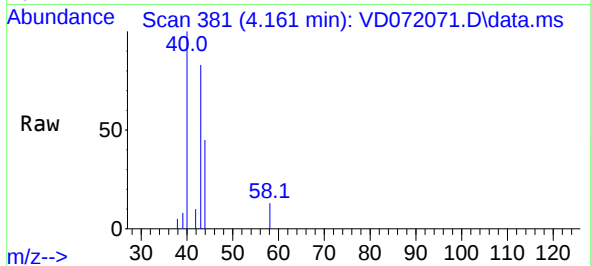




#16
Acetone
Concen: 75.344 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

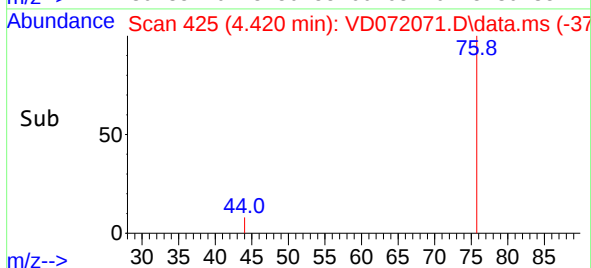
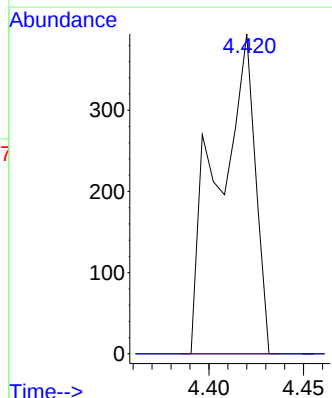
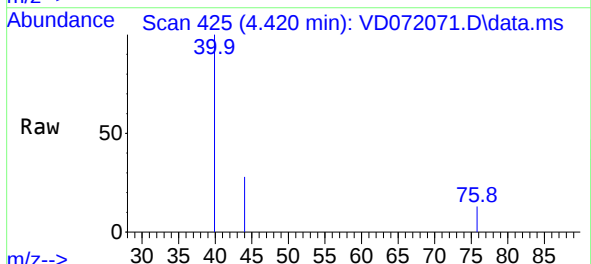
Instrument :
MSVOA_D
ClientSampleId :
BP-3

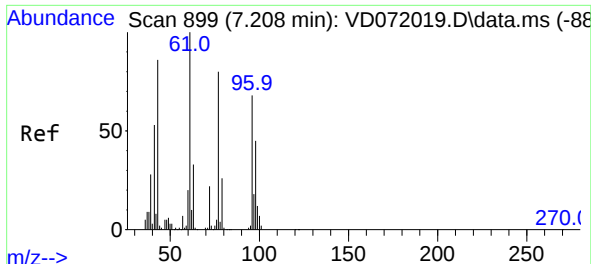
Tgt Ion: 43 Resp: 6827
Ion Ratio Lower Upper
43 100
58 16.2 23.8 35.6#



#17
Carbon Disulfide
Concen: 1.179 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.011 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

Tgt Ion: 76 Resp: 540
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#

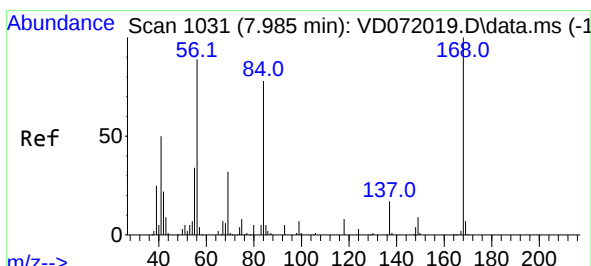
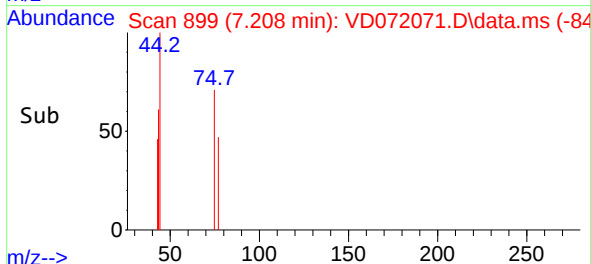
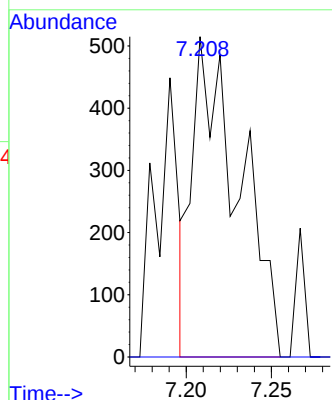
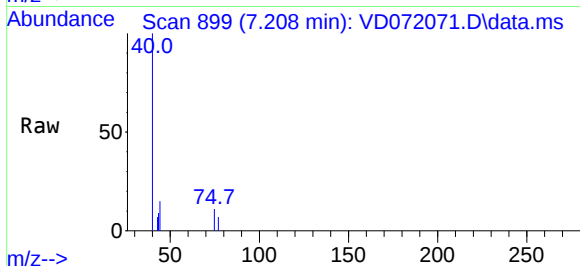




#25
2-Butanone
Concen: 7.769 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

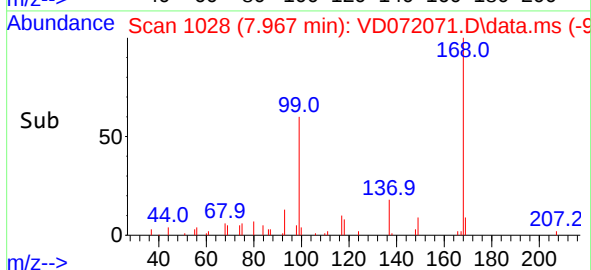
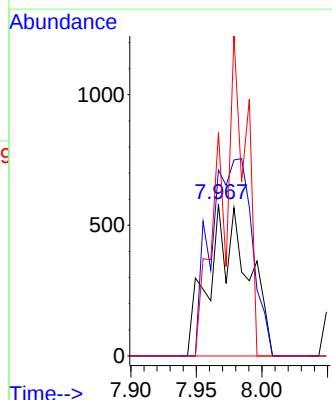
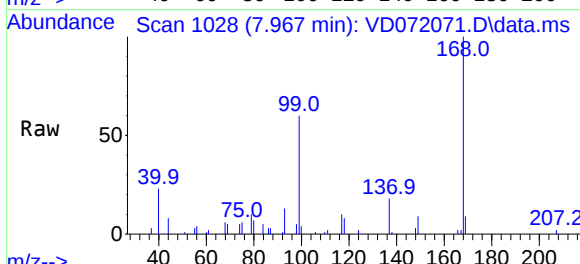
Instrument :
MSVOA_D
ClientSampleId :
BP-3

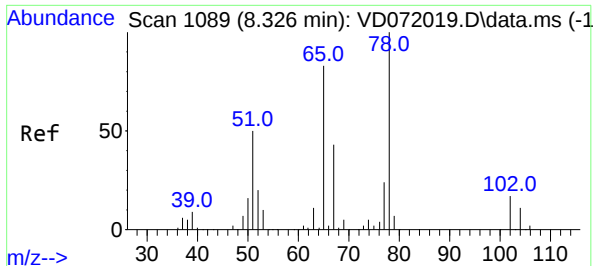
Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#



#31
Cyclohexane
Concen: 1.599 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

Tgt Ion: 56 Resp: 1184
Ion Ratio Lower Upper
56 100
69 122.2 28.9 43.3#
84 146.9 70.6 105.8#





#33

1,2-Dichloroethane-d4

Concen: 80.162 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD072071.D

Acq: 23 Feb 2022 12:44

Instrument :

MSVOA_D

ClientSampleId :

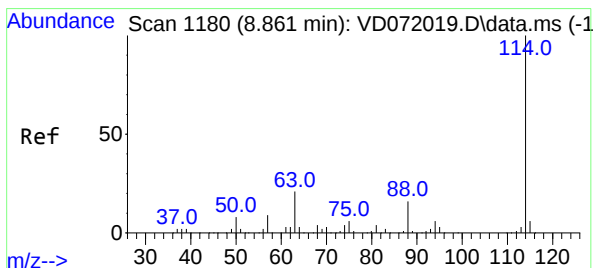
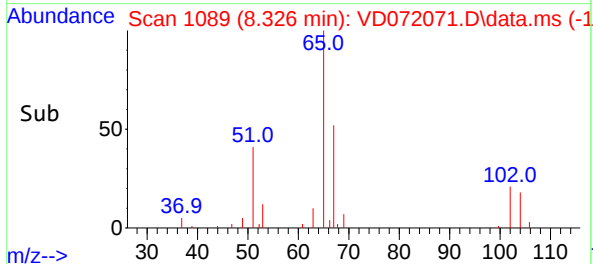
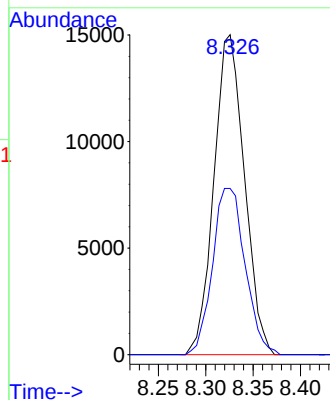
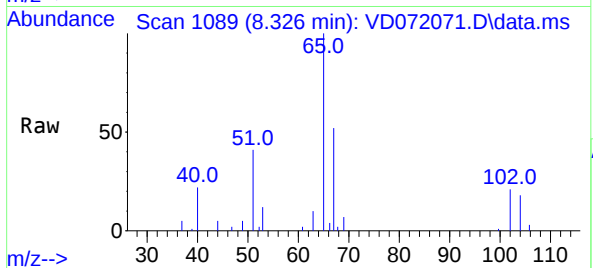
BP-3

Tgt Ion: 65 Resp: 33609

Ion Ratio Lower Upper

65 100

67 55.5 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: VD072071.D

Acq: 23 Feb 2022 12:44

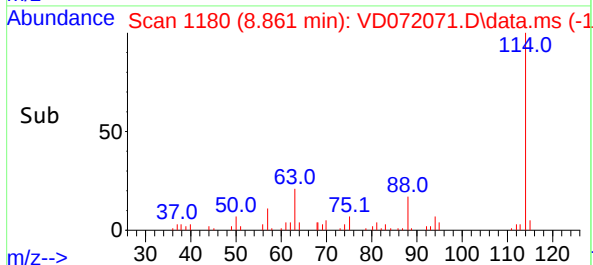
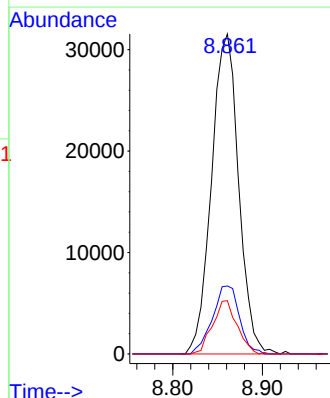
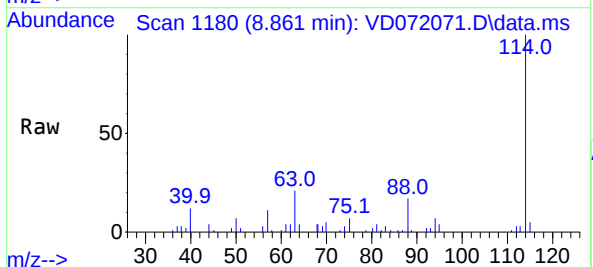
Tgt Ion: 114 Resp: 66173

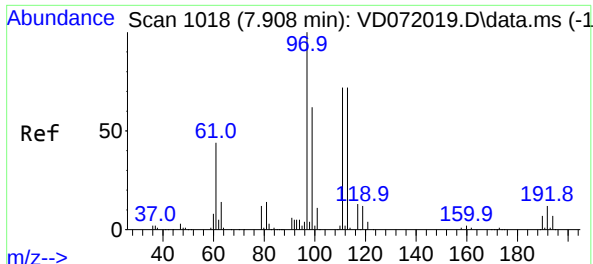
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 16.7 0.0 31.2

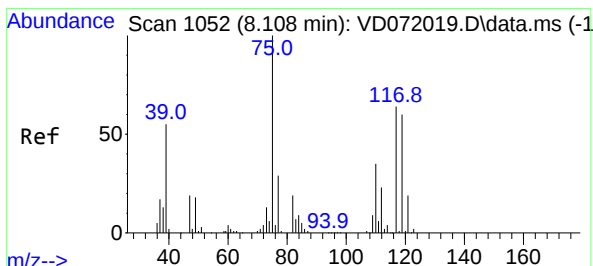
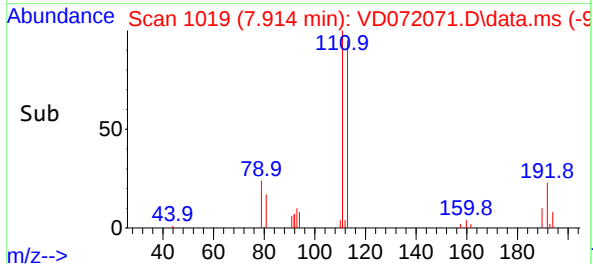
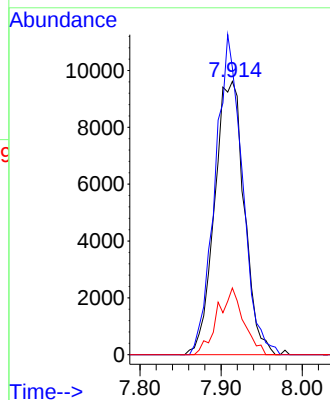
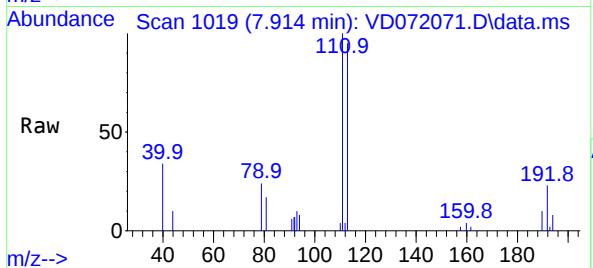




#35
Dibromofluoromethane
Concen: 61.067 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

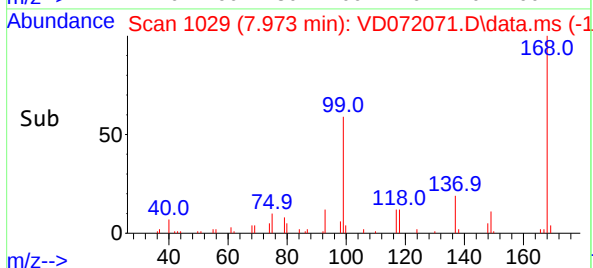
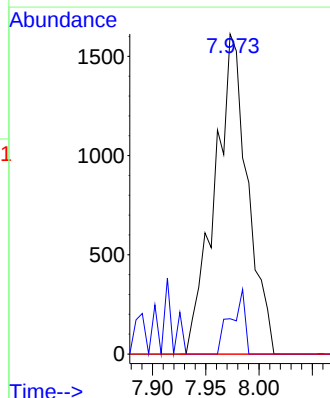
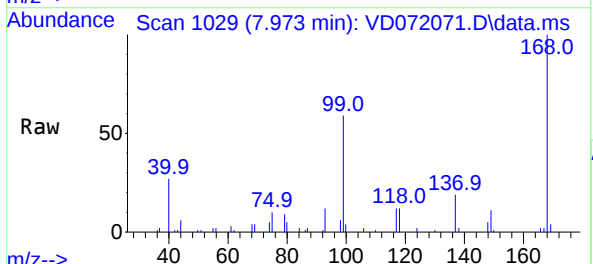
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MSVOA_D
ClientSampleId :
BP-3

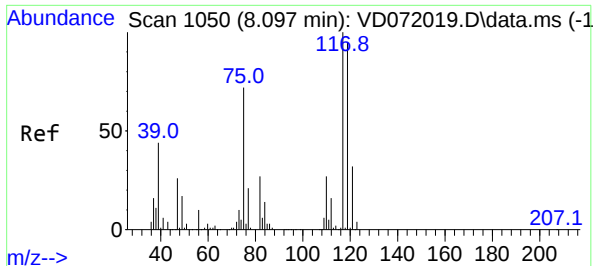
Tgt Ion:113 Resp: 24483
Ion Ratio Lower Upper
113 100
111 107.4 83.0 124.4
192 21.3 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.704 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

Tgt Ion: 75 Resp: 3464
Ion Ratio Lower Upper
75 100
110 8.6 17.7 53.1#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 7.316 ug/l

RT: 7.984 min Scan# 1050

Delta R.T. -0.112 min

Lab File: VD072071.D

Acq: 23 Feb 2022 12:44

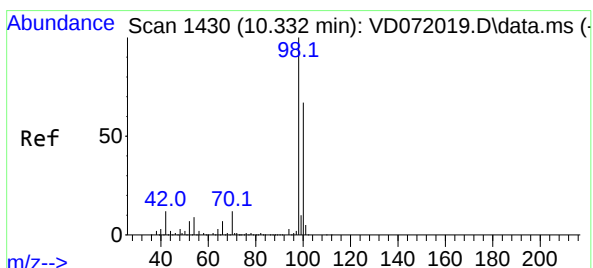
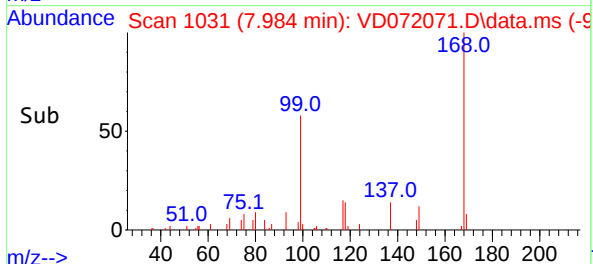
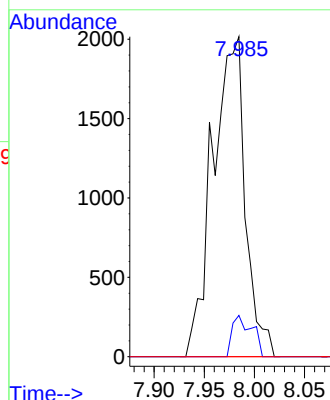
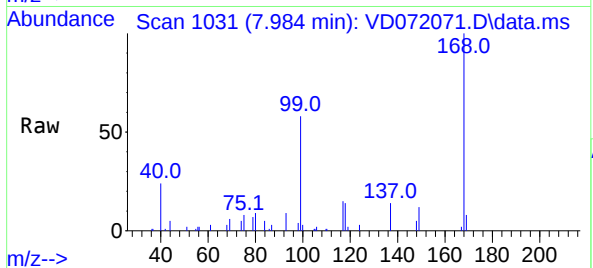
Instrument :

MSVOA_D

ClientSampleId :

BP-3

Tgt Ion:117	Resp:	4554
Ion	Ratio	Lower Upper
117	100	
119	12.9	75.8 113.8#
121	0.0	25.8 38.6#



#50

Toluene-d8

Concen: 53.597 ug/l

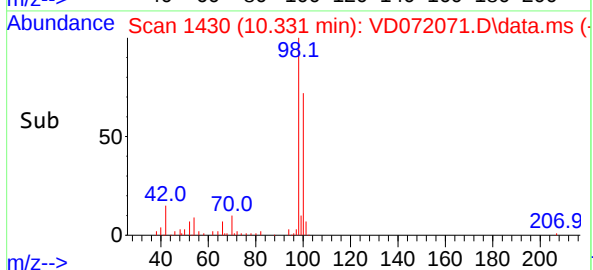
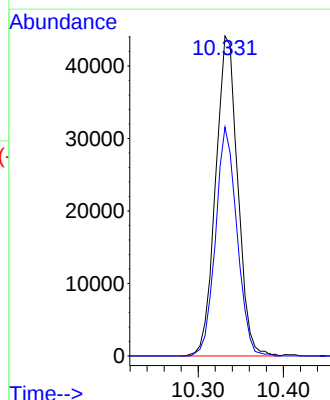
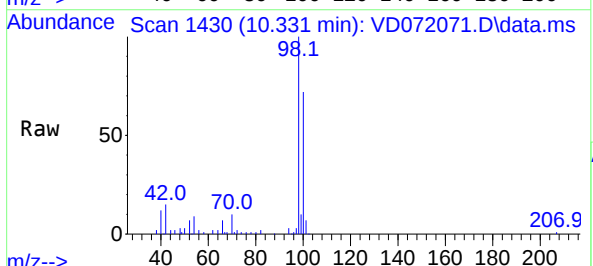
RT: 10.331 min Scan# 1430

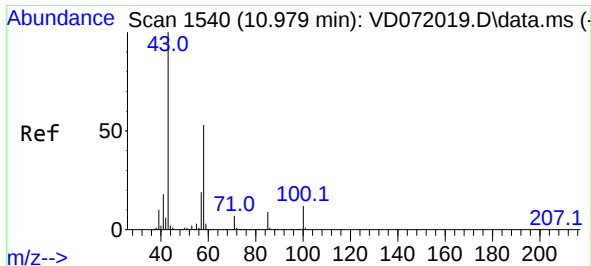
Delta R.T. -0.000 min

Lab File: VD072071.D

Acq: 23 Feb 2022 12:44

Tgt Ion: 98	Resp:	79688
Ion	Ratio	Lower Upper
98	100	
100	69.2	53.8 80.6

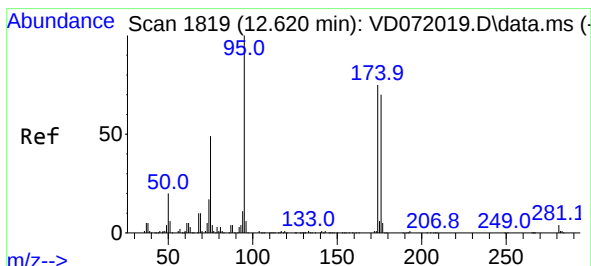
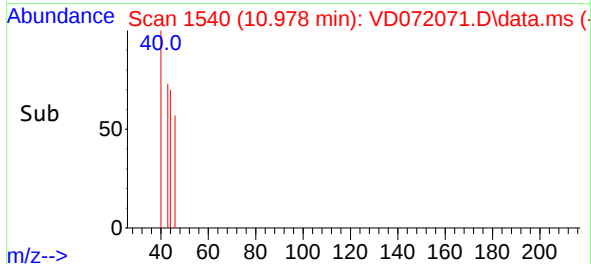
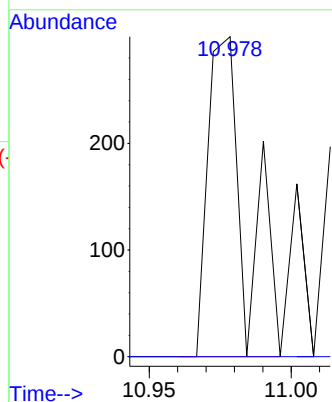
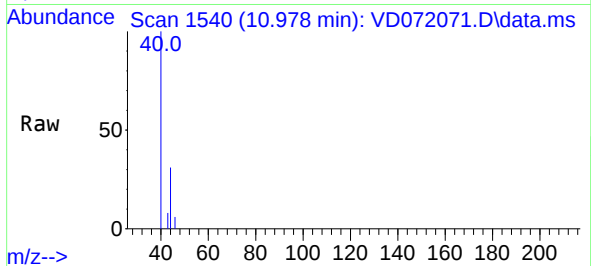




#59
2-Hexanone
Concen: 1.466 ug/l
RT: 10.978 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

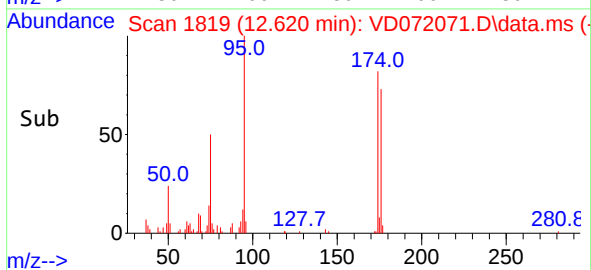
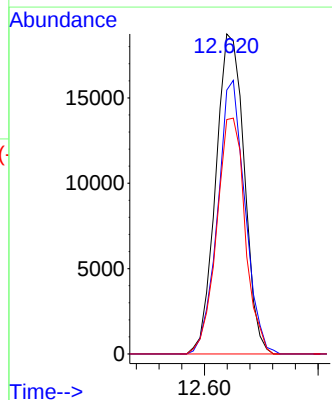
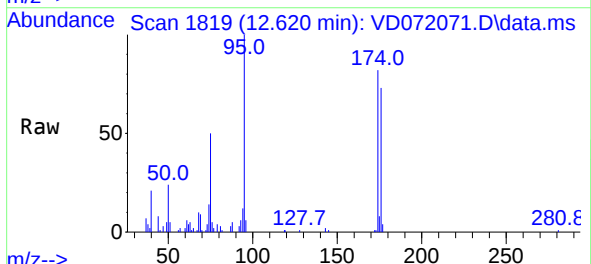
Instrument :
MSVOA_D
ClientSampleId :
BP-3

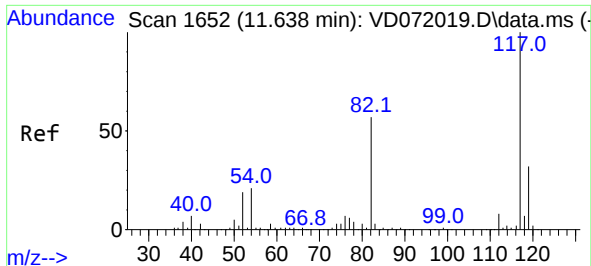
Tgt Ion: 43 Resp: 278
Ion Ratio Lower Upper
43 100
58 0.0 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 59.803 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

Tgt Ion: 95 Resp: 32661
Ion Ratio Lower Upper
95 100
174 82.1 0.0 155.0
176 73.6 0.0 148.8

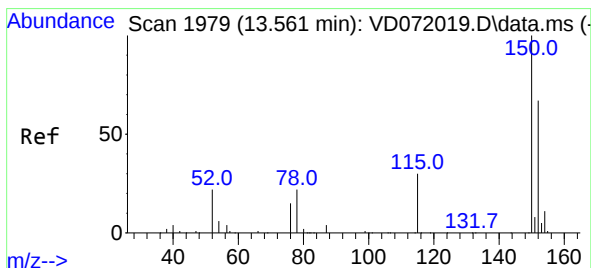
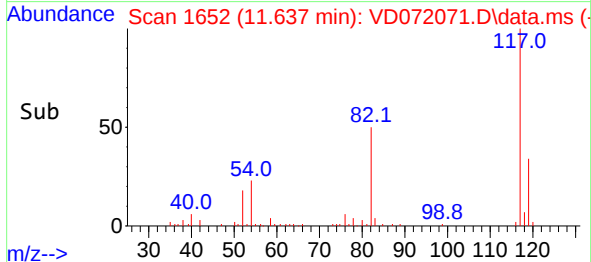
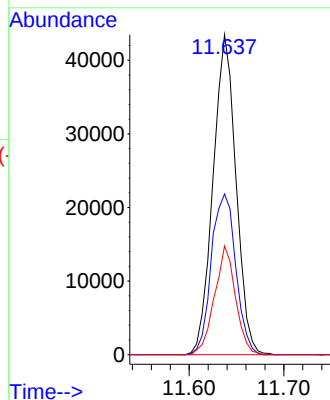
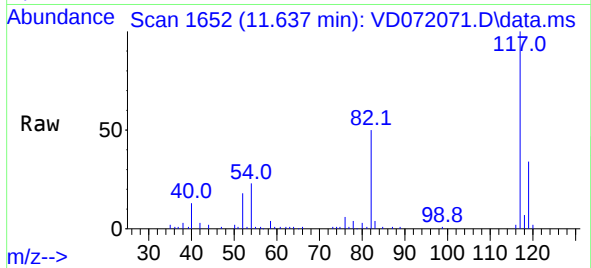




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

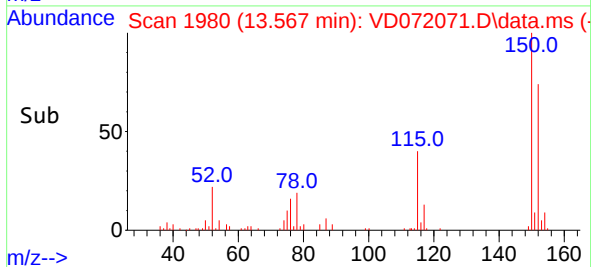
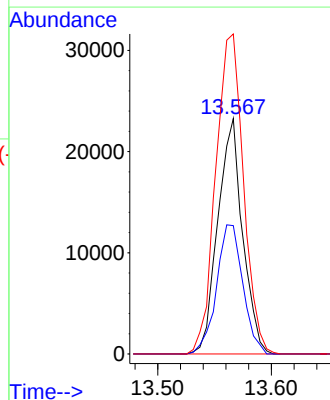
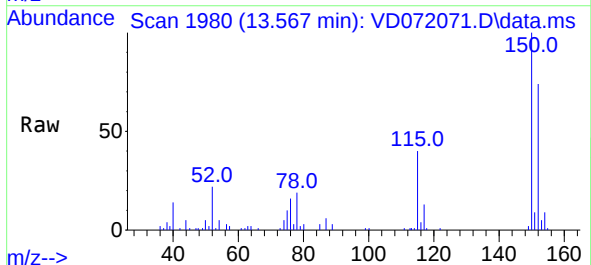
Instrument :
MSVOA_D
ClientSampleId :
BP-3

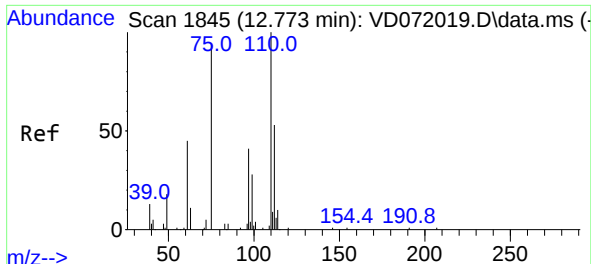
Tgt Ion:117 Resp: 73319
Ion Ratio Lower Upper
117 100
82 50.2 45.4 68.0
119 33.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

Tgt Ion:152 Resp: 35256
Ion Ratio Lower Upper
152 100
115 58.2 29.9 89.7
150 152.1 0.0 347.6

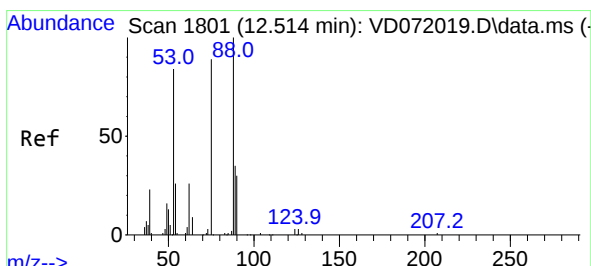
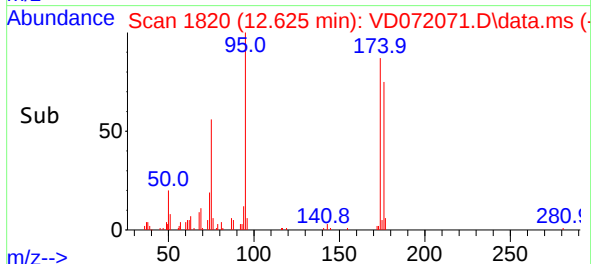
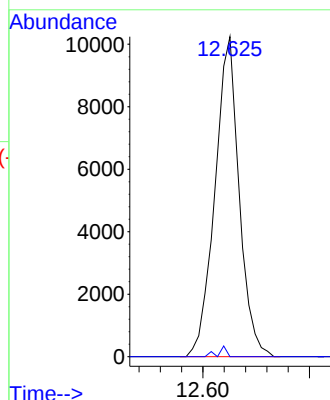
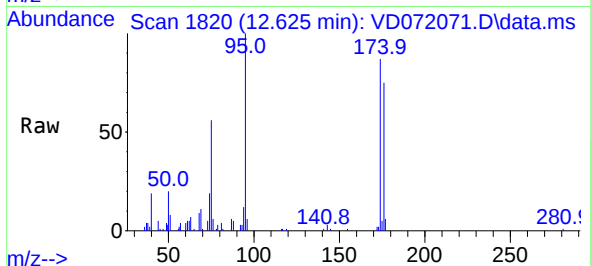




#76
1,2,3-Trichloropropane
Concen: 48.390 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

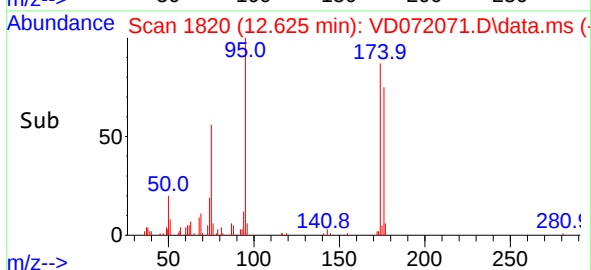
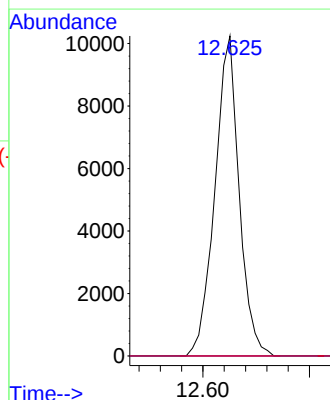
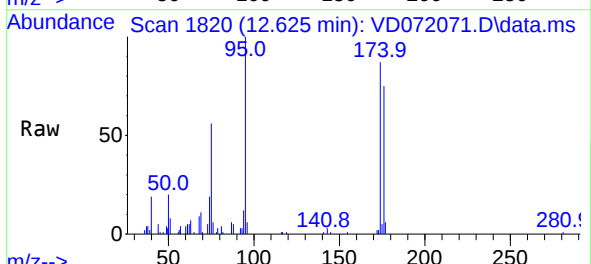
Instrument :
MSVOA_D
ClientSampleId :
BP-3

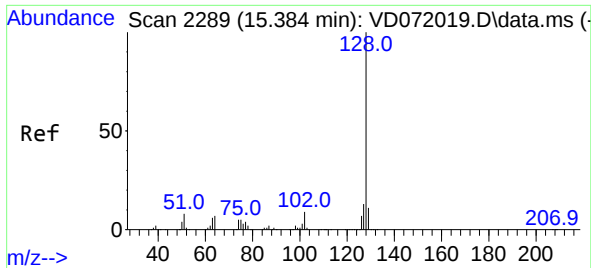
Tgt Ion: 75 Resp: 16160
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.179 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.111 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

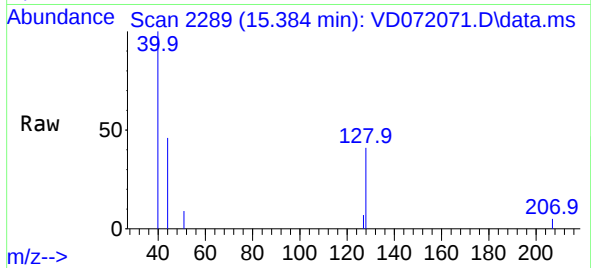
Tgt Ion: 75 Resp: 16160
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.0 36.4 54.6#





#95
Naphthalene
Concen: 1.630 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

Instrument :
MSVOA_D
ClientSampleId :
BP-3



Tgt Ion:128 Resp: 1826
Ion Ratio Lower Upper
128 100
127 8.0 10.3 15.5#
129 0.0 8.7 13.1#

