

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072096.D
 Acq On : 25 Feb 2022 13:14
 Operator : VA/SY
 Sample : N1670-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-022422

Quant Time: Feb 26 05:41:31 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)

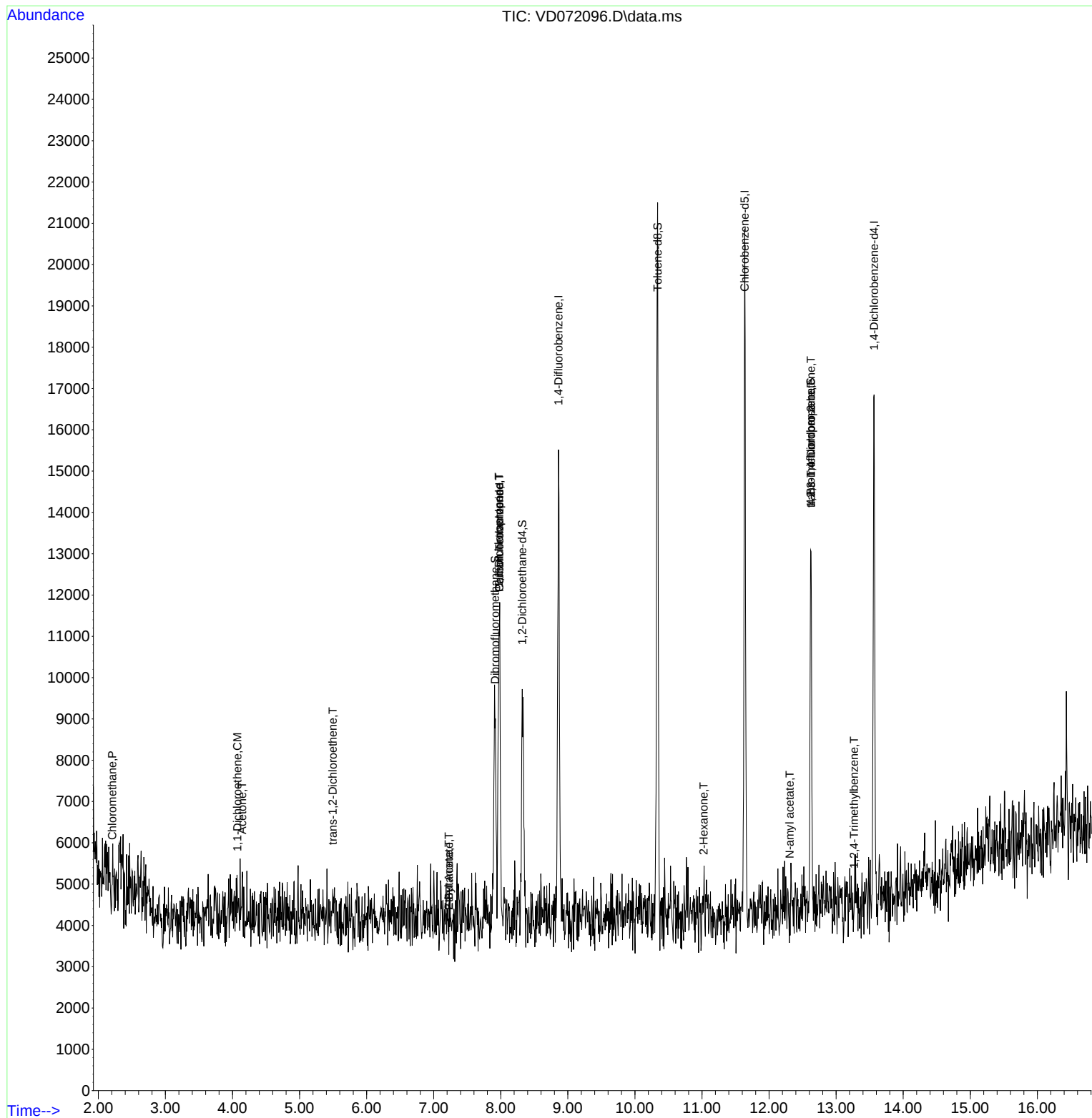
Internal Standards						
1) Pentafluorobenzene	7.979	168	5994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	9722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	9596	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	4778	76.847	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.700%
35) Dibromofluoromethane	7.914	113	3910	66.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.760%
50) Toluene-d8	10.337	98	11196	51.255	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.520%
62) 4-Bromofluorobenzene	12.620	95	3448	42.972	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.940%
Target Compounds						
						Qvalue
3) Chloromethane	2.208	50	400	8.052	ug/l #	43
5) Bromomethane	2.826	94	64	Below Cal	#	2
12) 1,1-Dichloroethene	4.073	96	121	2.209	ug/l #	1
16) Acetone	4.144	43	759	56.485	ug/l #	80
21) trans-1,2-Dichloroethene	5.496	96	62	1.007	ug/l #	1
25) 2-Butanone	7.226	43	65	3.500	ug/l #	50
36) 1,1-Dichloropropene	7.973	75	459	5.144	ug/l #	41
37) Ethyl Acetate	7.226	43	65	1.571	ug/l #	71
38) Carbon Tetrachloride	7.979	117	656	7.173	ug/l #	12
59) 2-Hexanone	11.026	43	64	2.298	ug/l #	25
74) N-amyl acetate	12.308	43	75	1.187	ug/l #	43
76) 1,2,3-Trichloropropane	12.625	75	2092	57.967	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.625	75	2092	145.163	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.267	105	216	1.006	ug/l #	31

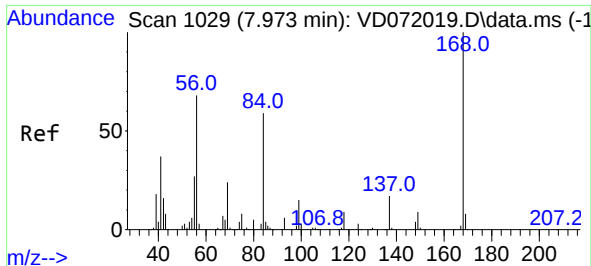
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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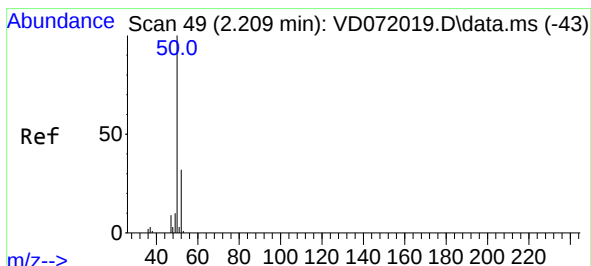
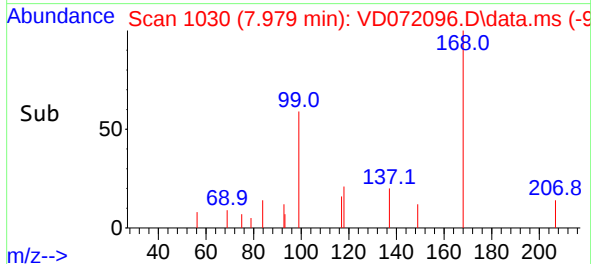
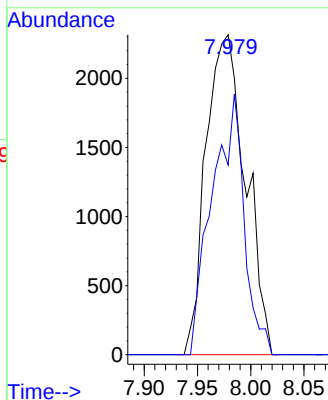
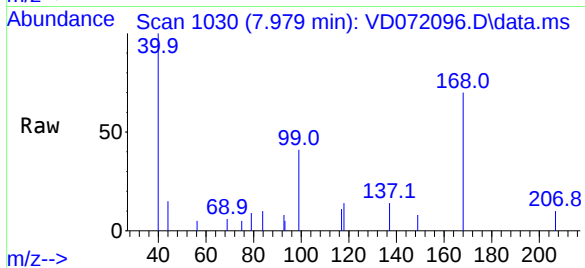




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

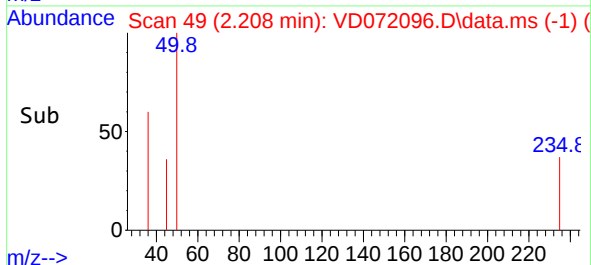
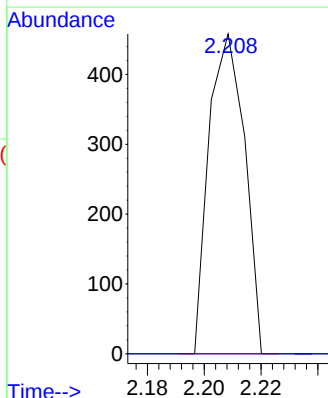
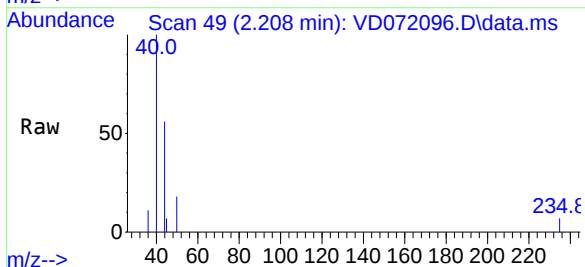
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422

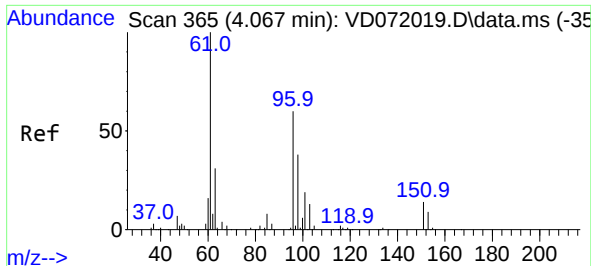
Tgt Ion:168 Resp: 5994
Ion Ratio Lower Upper
168 100
99 59.3 47.1 70.7



#3
Chloromethane
Concen: 8.052 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

Tgt Ion: 50 Resp: 400
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

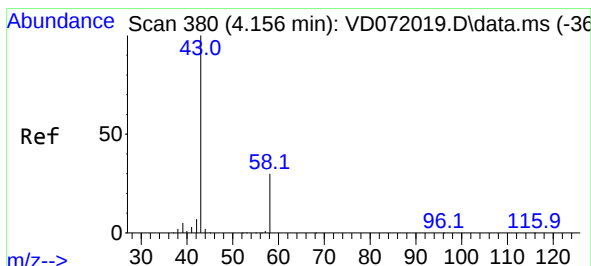
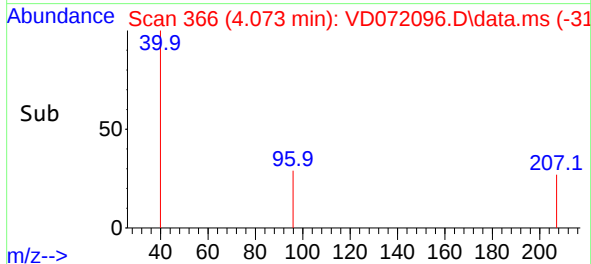
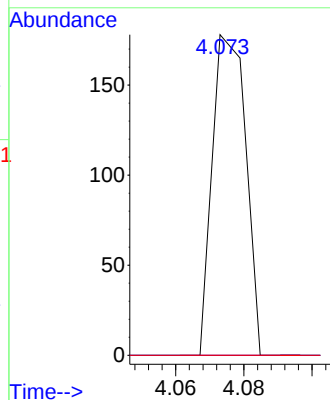
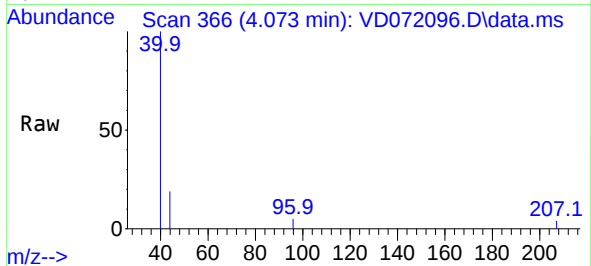




#12
1,1-Dichloroethene
Concen: 2.209 ug/l
RT: 4.073 min Scan# 30
Delta R.T. 0.006 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

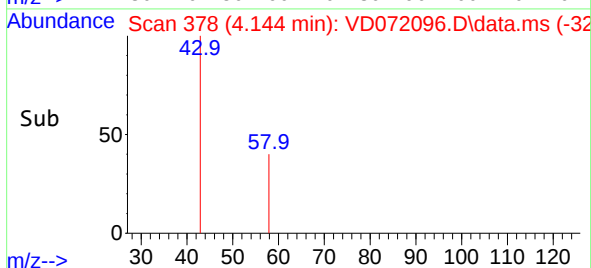
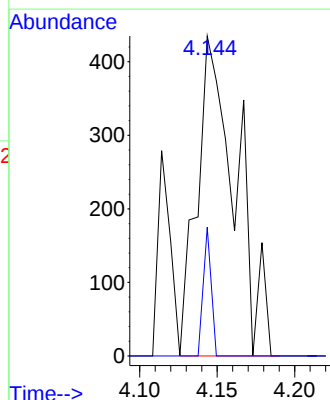
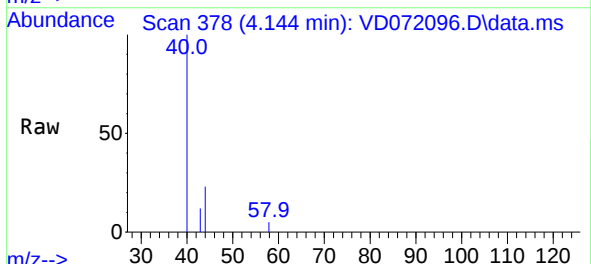
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422

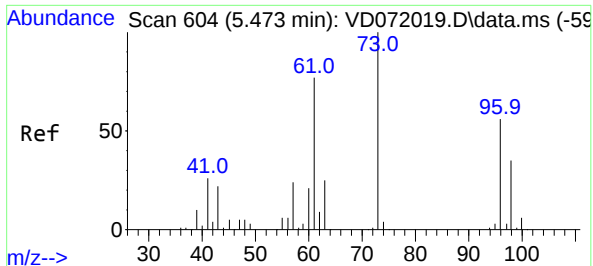
Tgt Ion: 96 Resp: 121
Ion Ratio Lower Upper
96 100
61 0.0 132.8 199.2#
98 0.0 50.1 75.1#



#16
Acetone
Concen: 56.485 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
58 40.2 23.8 35.6#

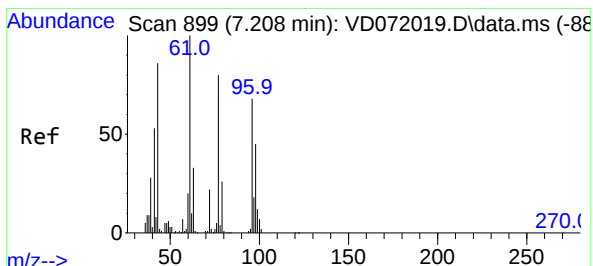
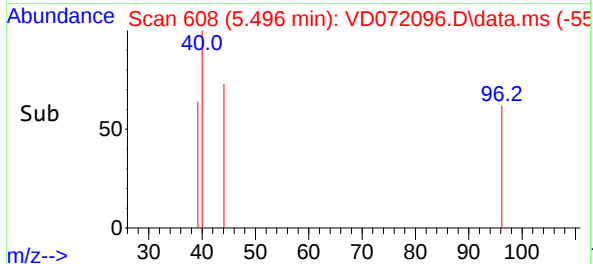
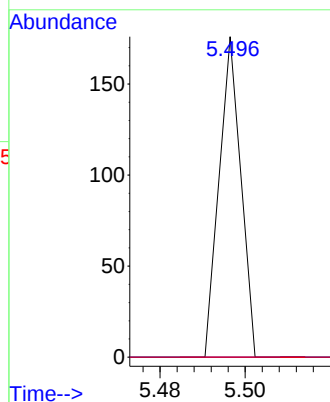
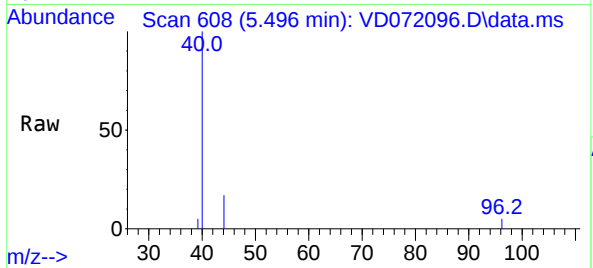




#21
trans-1,2-Dichloroethene
Concen: 1.007 ug/l
RT: 5.496 min Scan# 604
Delta R.T. 0.023 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

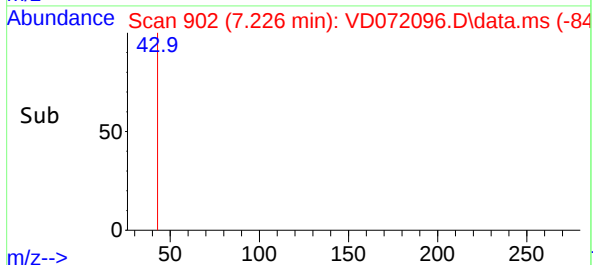
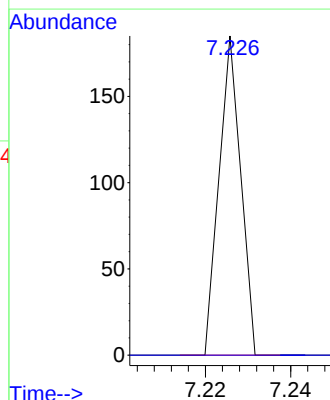
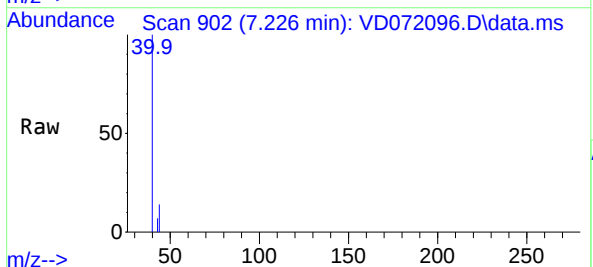
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422

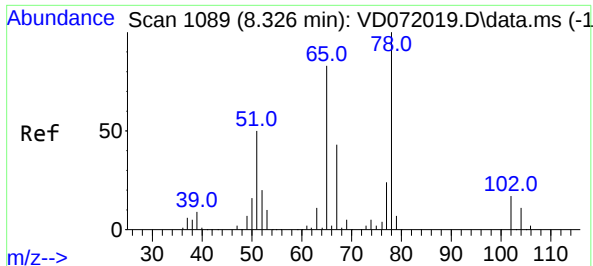
Tgt Ion: 96 Resp: 62
Ion Ratio Lower Upper
96 100
61 0.0 109.4 164.0#
98 0.0 49.6 74.4#



#25
2-Butanone
Concen: 3.500 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.017 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#





#33

1,2-Dichloroethane-d4

Concen: 76.847 ug/l

RT: 8.320 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD072096.D

Acq: 25 Feb 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

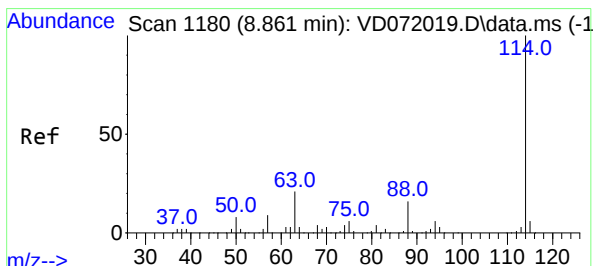
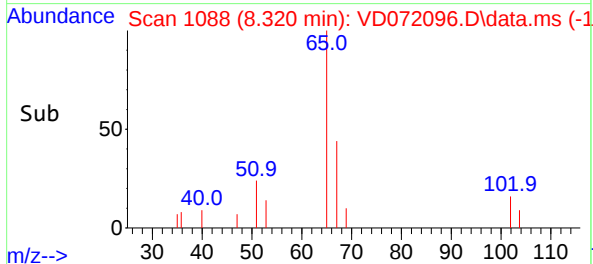
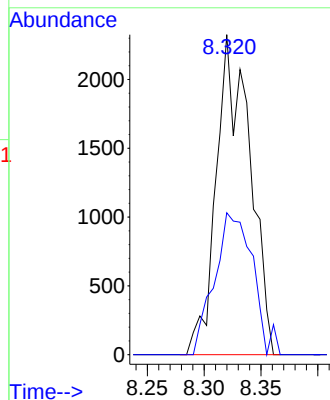
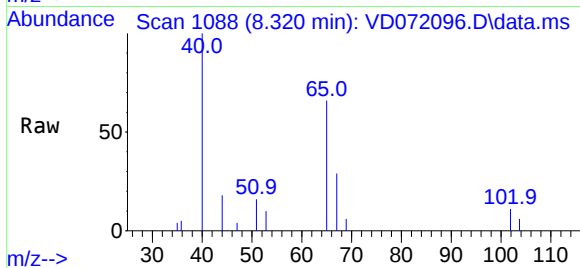
OR-03-022422

Tgt Ion: 65 Resp: 4778

Ion Ratio Lower Upper

65 100

67 50.5 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: VD072096.D

Acq: 25 Feb 2022 13:14

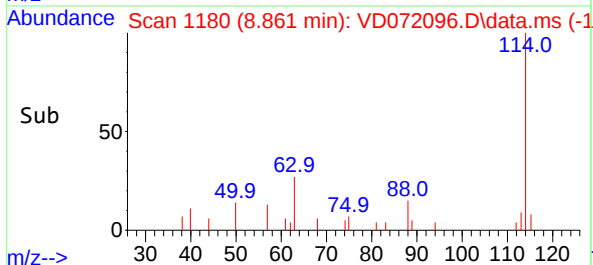
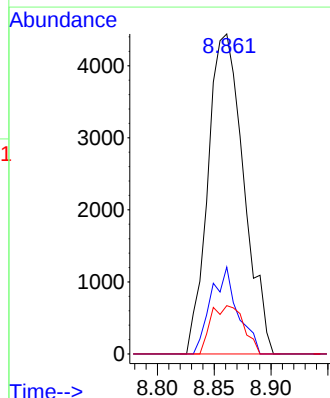
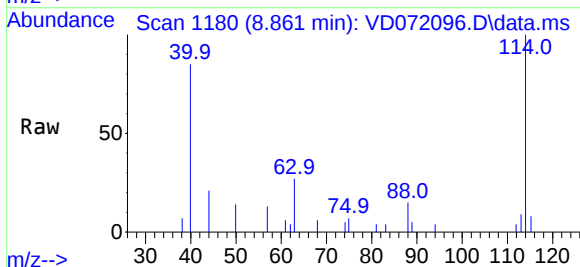
Tgt Ion: 114 Resp: 9722

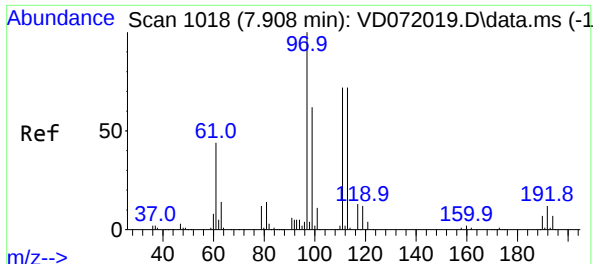
Ion Ratio Lower Upper

114 100

63 27.2 0.0 42.2

88 15.1 0.0 31.2

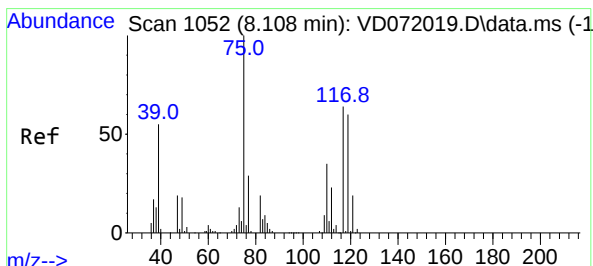
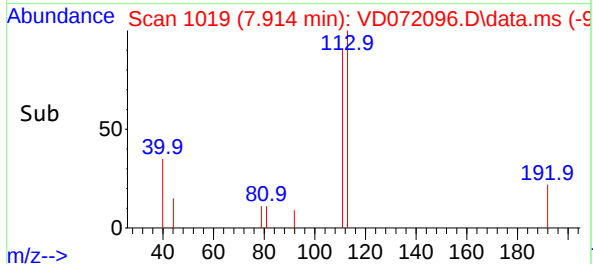
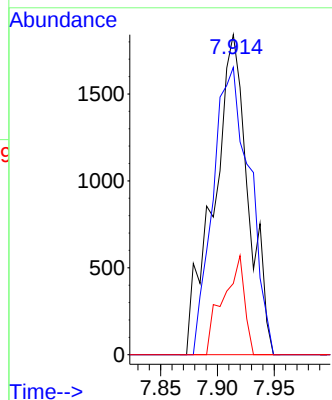
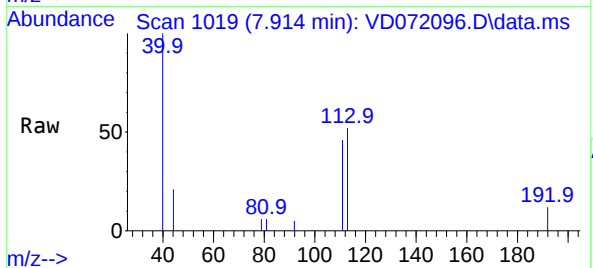




#35
Dibromofluoromethane
Concen: 66.381 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

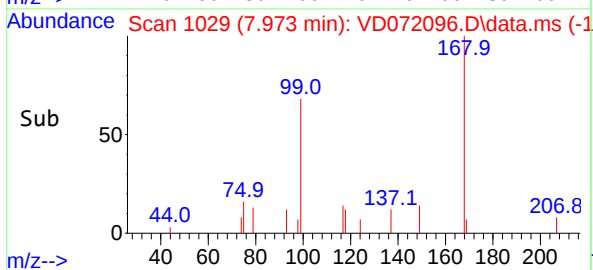
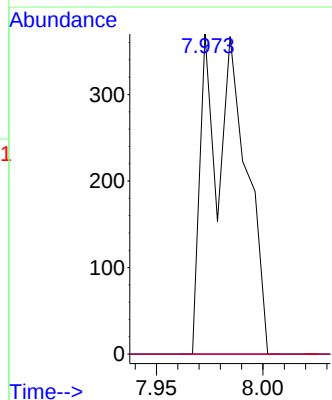
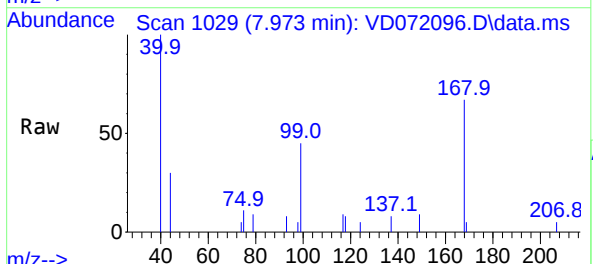
Instrument :
MSVOA_D
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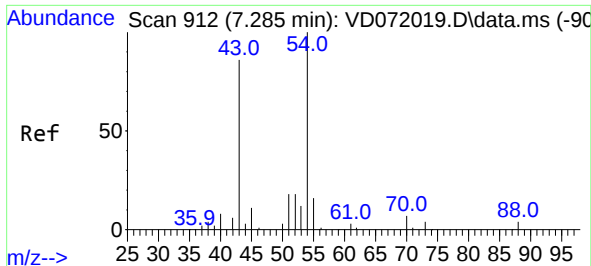
Tgt Ion:113 Resp: 3910
Ion Ratio Lower Upper
113 100
111 95.2 83.0 124.4
192 19.1 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.144 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

Tgt Ion: 75 Resp: 459
Ion Ratio Lower Upper
75 100
110 0.0 17.7 53.1#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.571 ug/l

RT: 7.226 min Scan# 90

Delta R.T. -0.059 min

Lab File: VD072096.D

Acq: 25 Feb 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

OR-03-022422

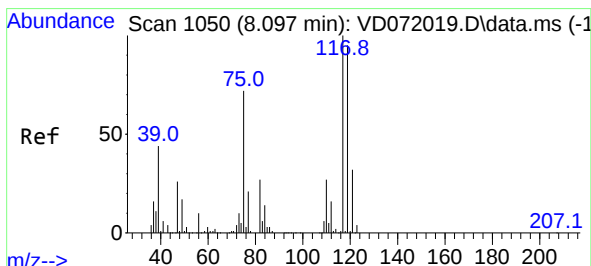
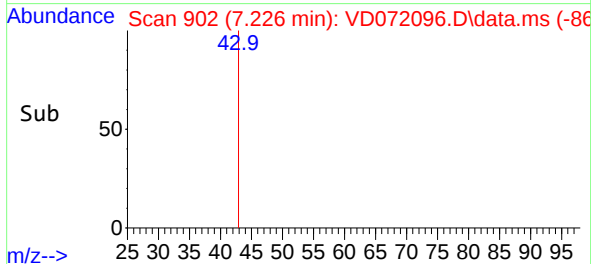
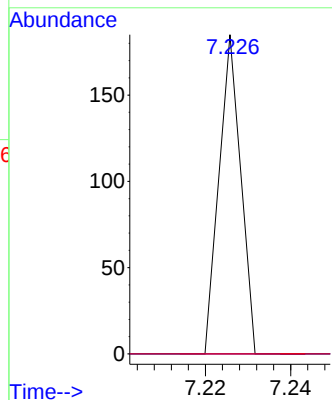
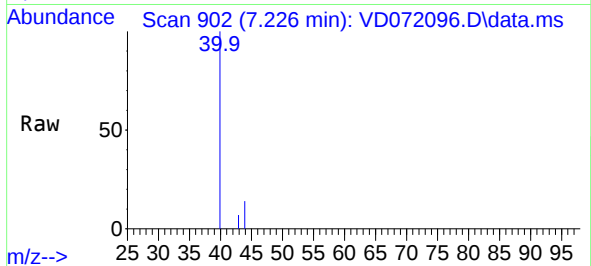
Tgt Ion: 43 Resp: 65

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 7.4 11.2#



#38

Carbon Tetrachloride

Concen: 7.173 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD072096.D

Acq: 25 Feb 2022 13:14

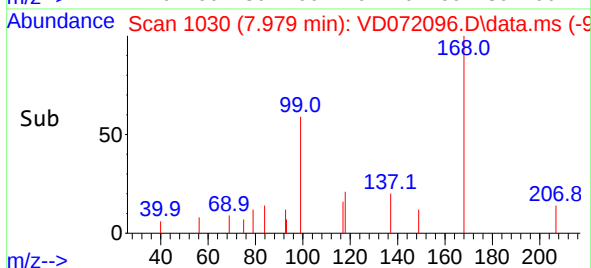
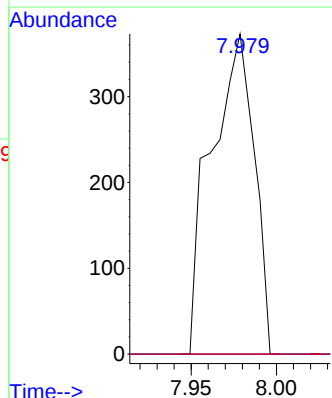
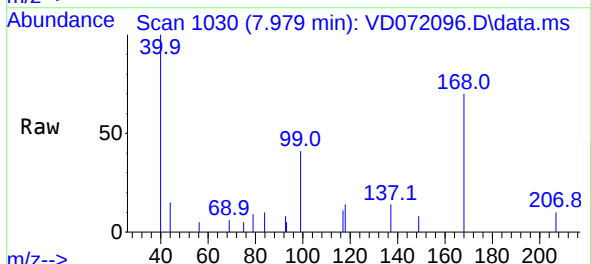
Tgt Ion:117 Resp: 656

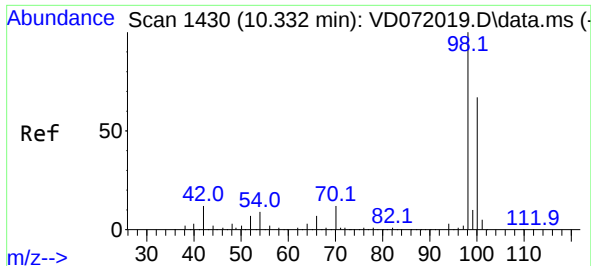
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

121 0.0 25.8 38.6#

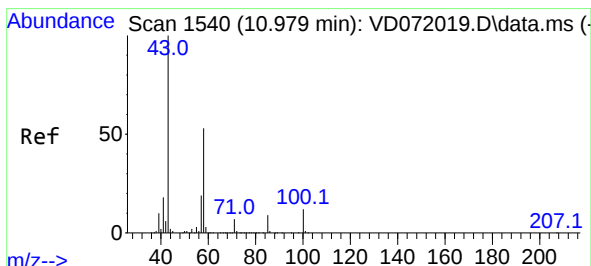
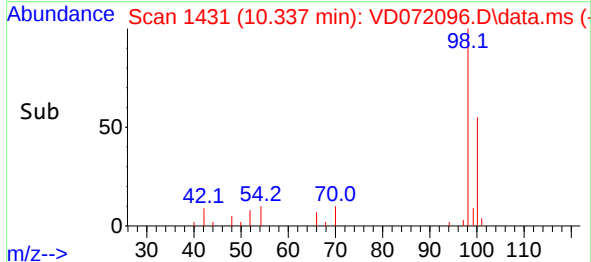
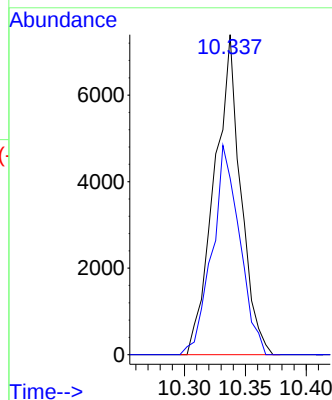
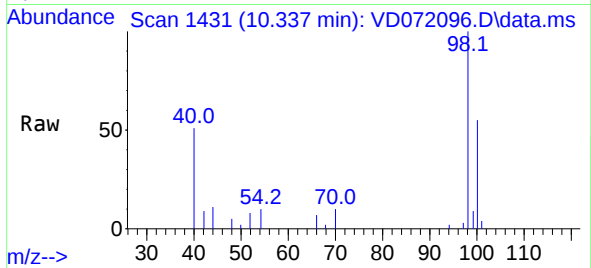




#50
Toluene-d8
Concen: 51.255 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

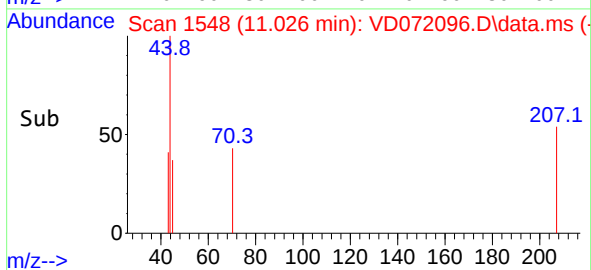
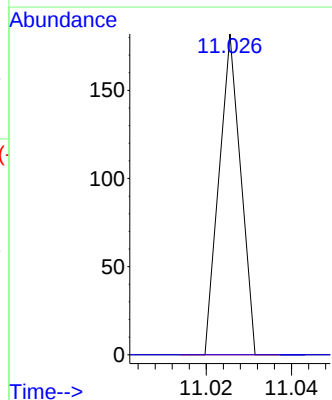
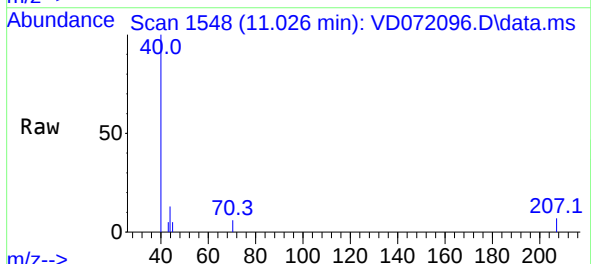
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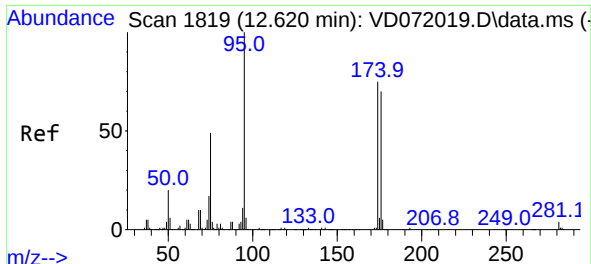
Tgt Ion: 98 Resp: 11196
Ion Ratio Lower Upper
98 100
100 68.0 53.8 80.6



#59
2-Hexanone
Concen: 2.298 ug/l
RT: 11.026 min Scan# 1548
Delta R.T. 0.047 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
58 0.0 27.0 80.8#

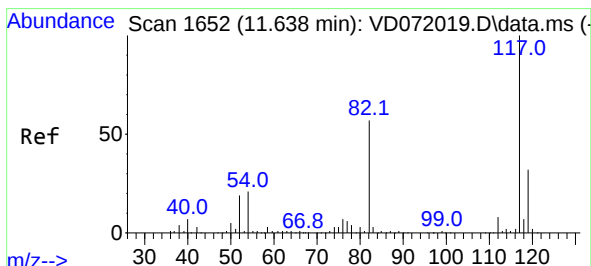
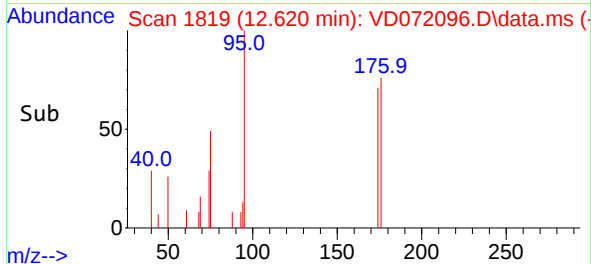
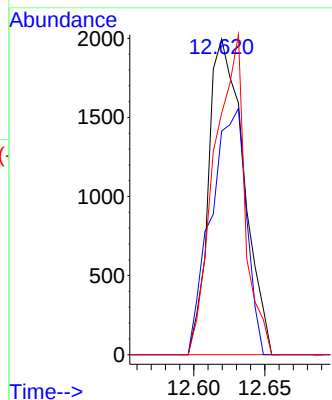
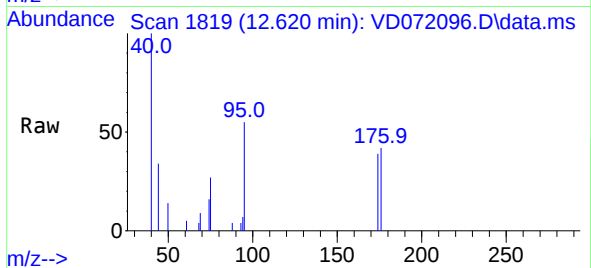




#62
4-Bromofluorobenzene
Concen: 42.972 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

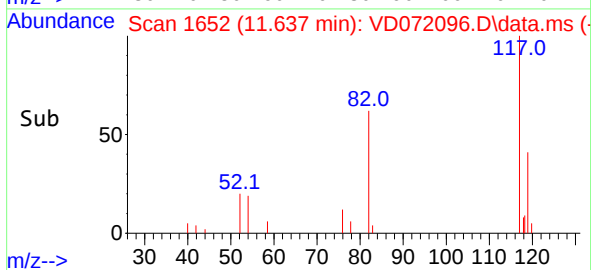
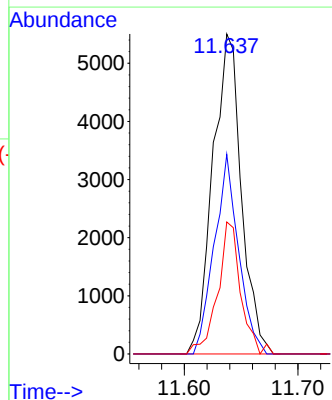
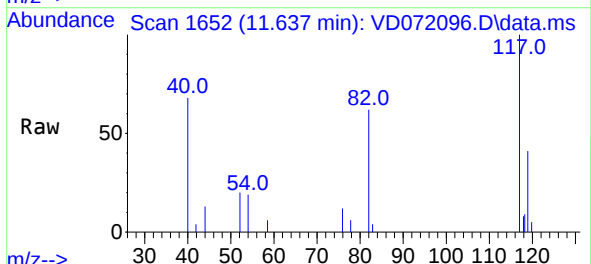
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422

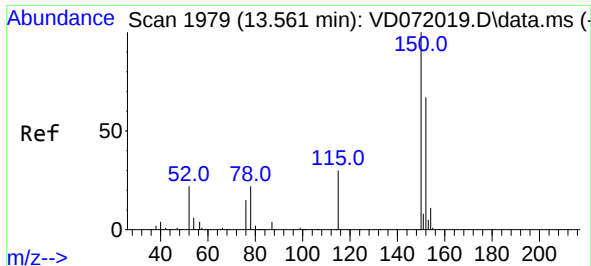
Tgt Ion: 95 Resp: 3448
Ion Ratio Lower Upper
95 100
174 77.8 0.0 155.0
176 87.5 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

Tgt Ion: 117 Resp: 9596
Ion Ratio Lower Upper
117 100
82 62.4 45.4 68.0
119 41.2 25.4 38.2#

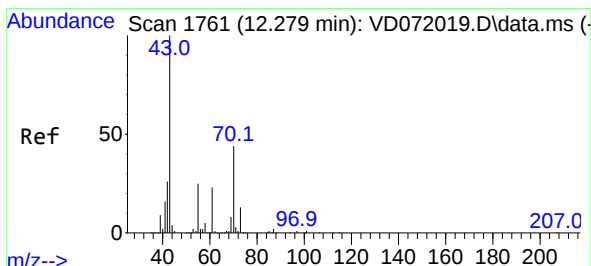
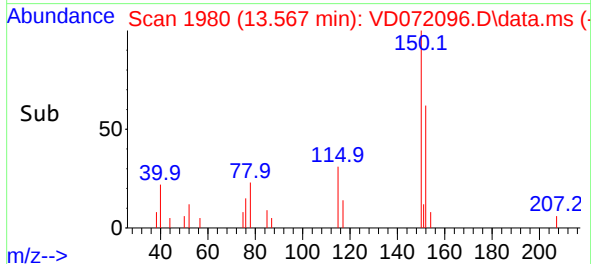
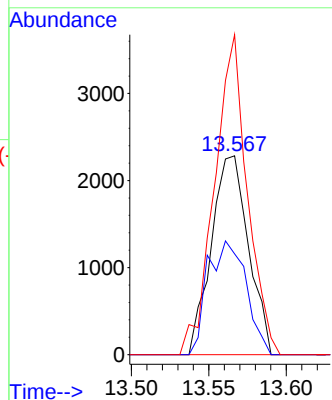
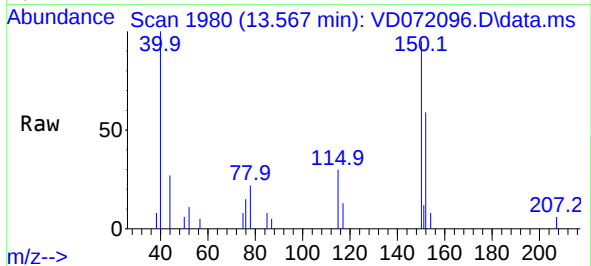




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

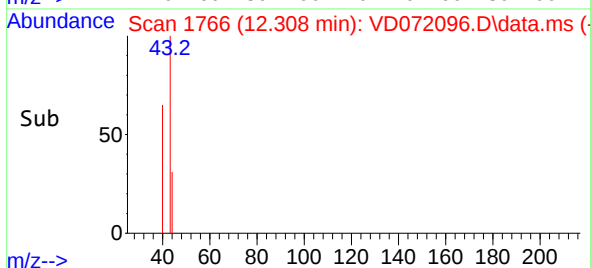
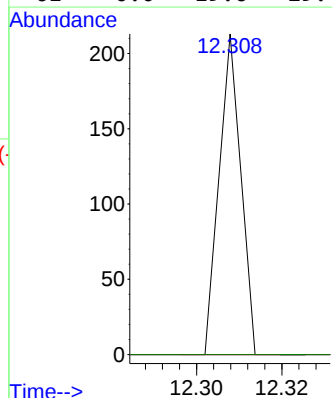
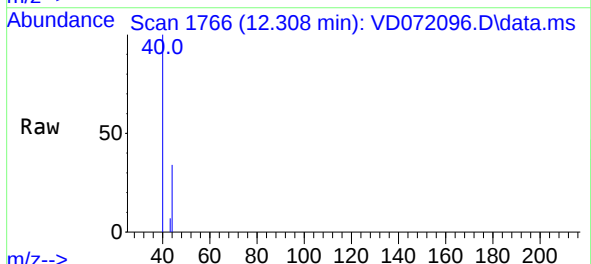
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422

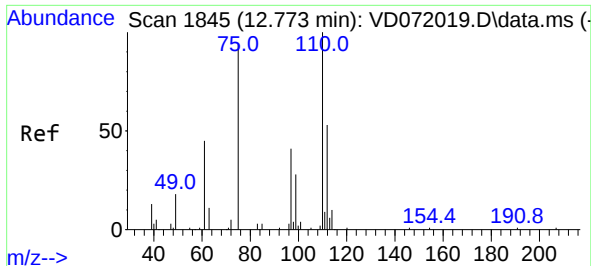
Tgt Ion:152 Resp: 3810
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.7
150 142.0 0.0 347.6



#74
N-ethyl acetate
Concen: 1.187 ug/l
RT: 12.308 min Scan# 1766
Delta R.T. 0.029 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
70 0.0 33.2 49.8#
55 0.0 20.6 30.8#
61 0.0 19.6 29.4#

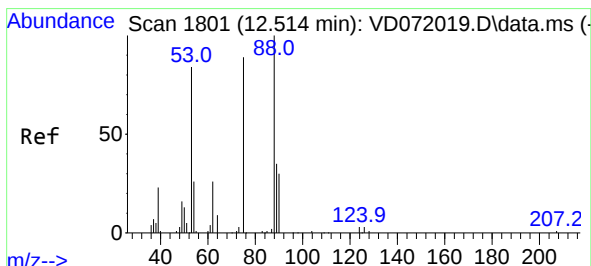
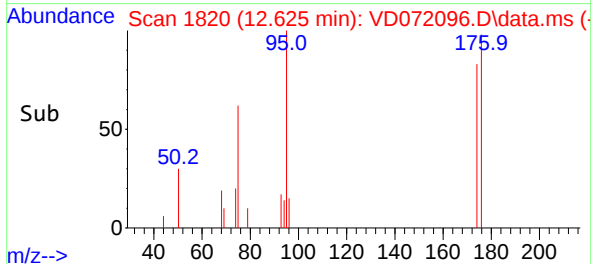
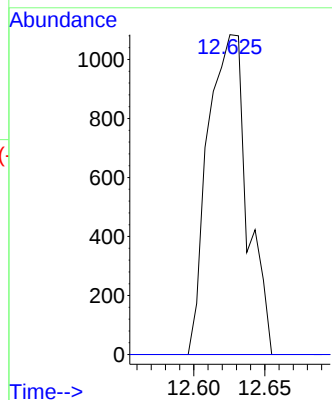
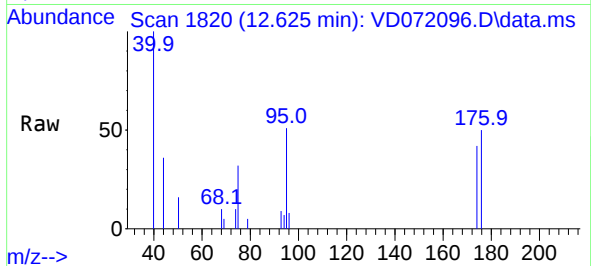




#76
1,2,3-Trichloropropane
Concen: 57.967 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

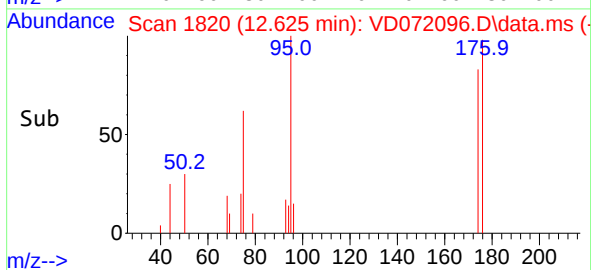
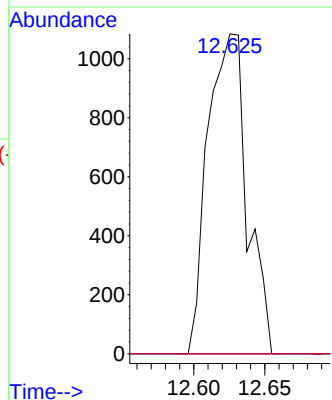
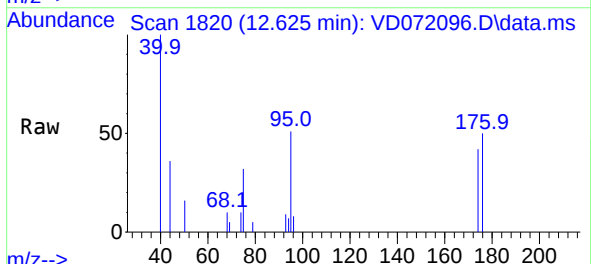
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422

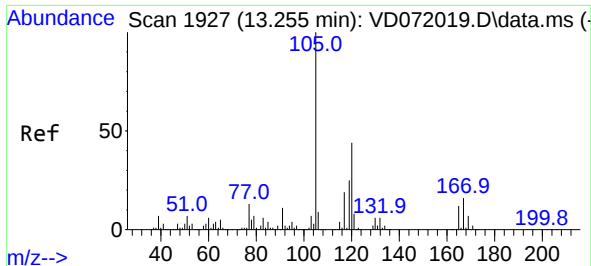
Tgt Ion: 75 Resp: 2092
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 145.163 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.111 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

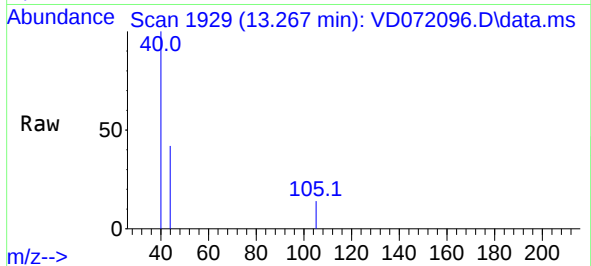
Tgt Ion: 75 Resp: 2092
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.0 36.4 54.6#





#84
 1,2,4-Trimethylbenzene
 Concen: 1.006 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. 0.011 min
 Lab File: VD072096.D
 Acq: 25 Feb 2022 13:14

Instrument : MSVOA_D
 ClientSampleId : OR-03-022422



Tgt Ion:105 Resp: 216
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.4 67.3#

