

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072169.D
 Acq On : 14 Mar 2022 16:02
 Operator : VA/SY
 Sample : N1851-05
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUM-36

Quant Time: Mar 15 01:24:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

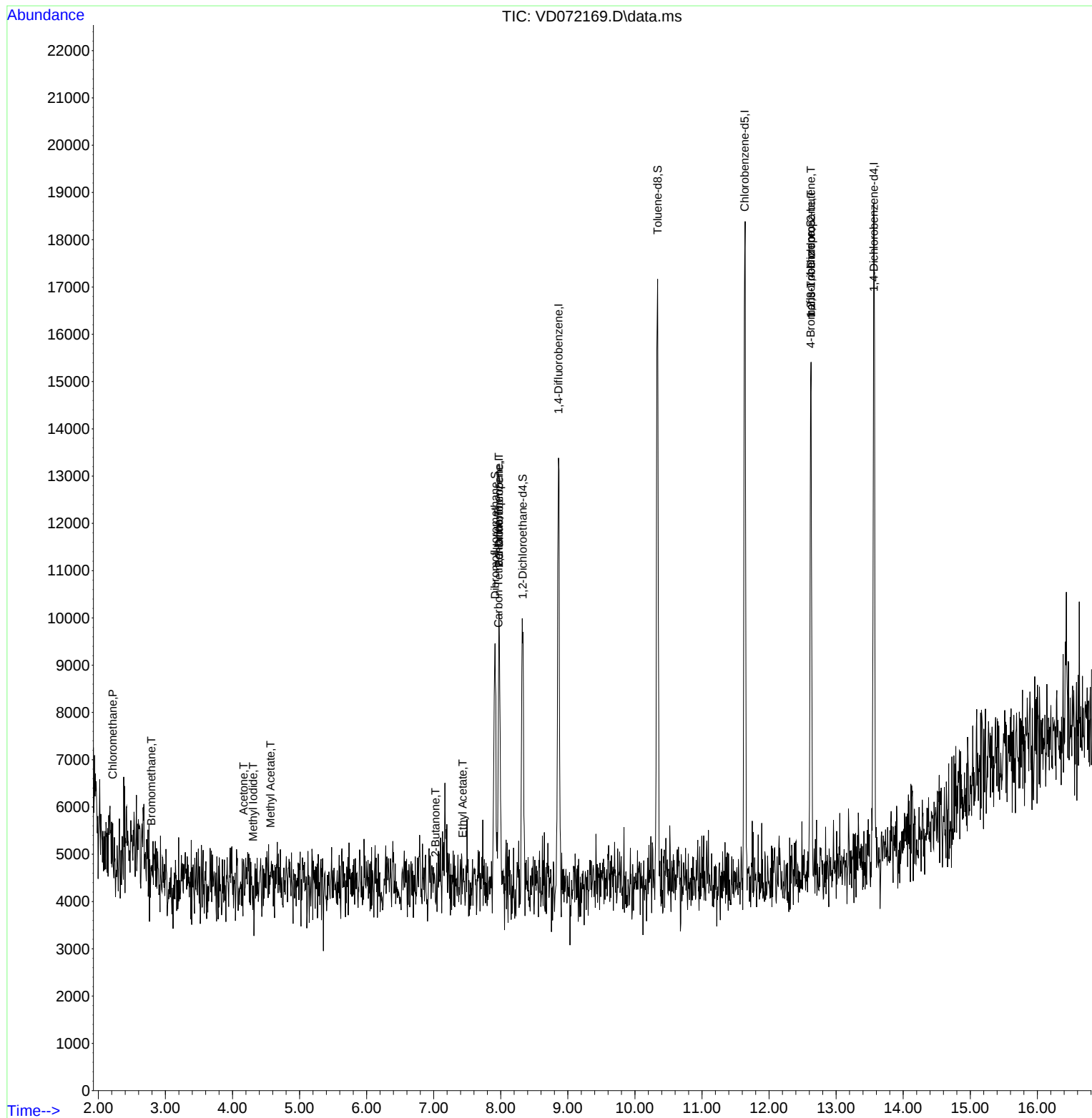
Internal Standards						
1) Pentafluorobenzene	7.973	168	4619	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	8259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	8985	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	3820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	4630	89.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.880%#	
35) Dibromofluoromethane	7.914	113	3855	66.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.660%	
50) Toluene-d8	10.338	98	9418	44.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.640%	
62) 4-Bromofluorobenzene	12.620	95	4368	52.899	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	302	7.955	ug/l	# 40
5) Bromomethane	2.791	94	315	13.201	ug/l	99
10) Methyl Iodide	4.309	142	104	4.329	ug/l	# 38
16) Acetone	4.167	43	151	13.510	ug/l	# 47
18) Methyl Acetate	4.567	43	59	2.154	ug/l	# 55
20) Methylene Chloride	4.985	84	54	Below Cal	#	2
25) 2-Butanone	7.026	43	79	5.301	ug/l	# 52
36) 1,1-Dichloropropene	7.973	75	464	5.691	ug/l	# 43
37) Ethyl Acetate	7.432	43	69	1.932	ug/l	# 72
38) Carbon Tetrachloride	7.967	117	281	3.032	ug/l	# 13
76) 1,2,3-Trichloropropane	12.626	75	1866	44.283	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	1866	109.871	ug/l	# 7

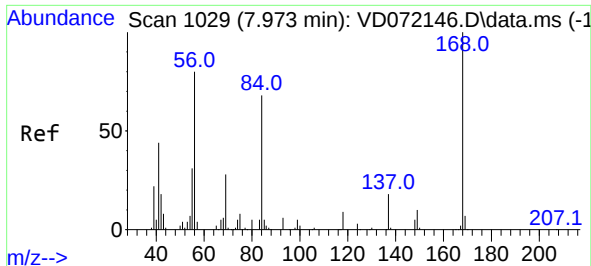
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072169.D
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Quant Time: Mar 15 01:24:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

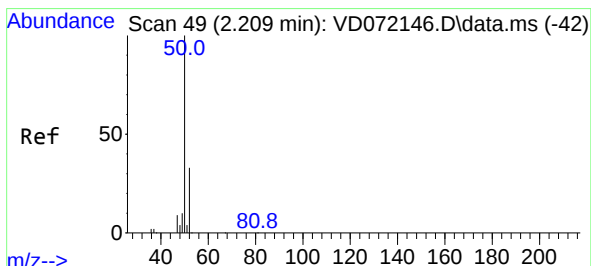
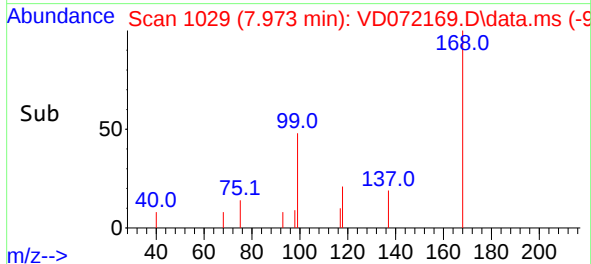
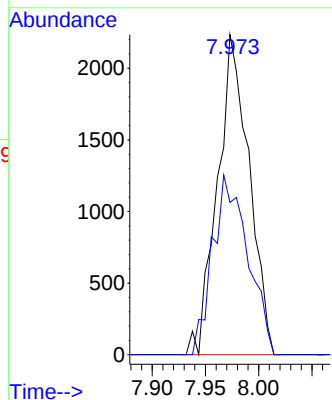
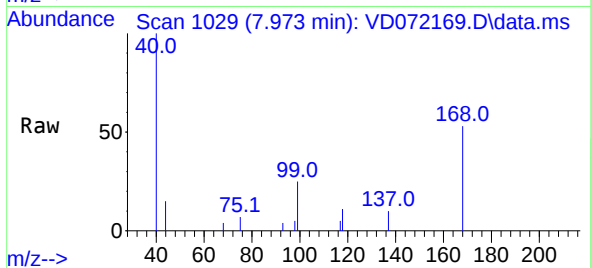




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

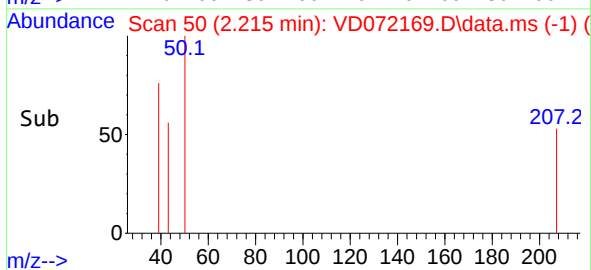
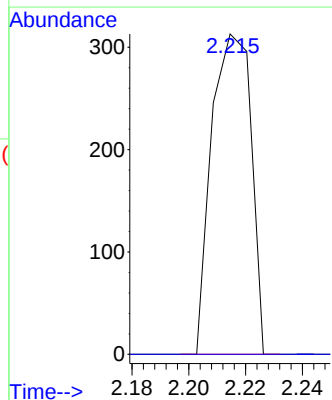
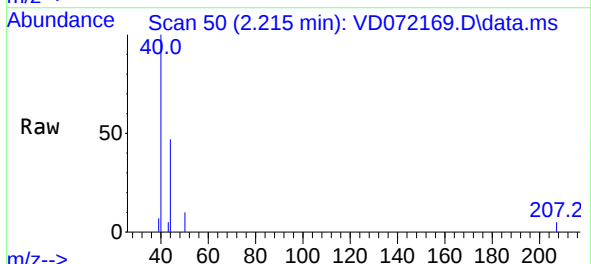
Instrument :
MSVOA_D
ClientSampleId :
DUM-36

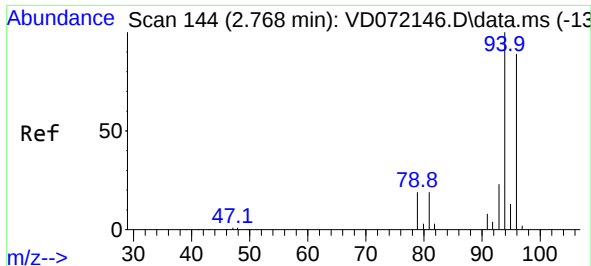
Tgt Ion:168 Resp: 4619
Ion Ratio Lower Upper
168 100
99 47.6 49.8 74.6#



#3
Chloromethane
Concen: 7.955 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

Tgt Ion: 50 Resp: 302
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

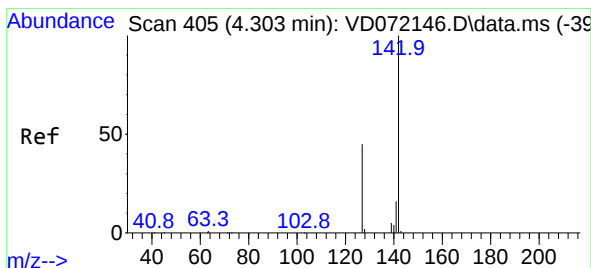
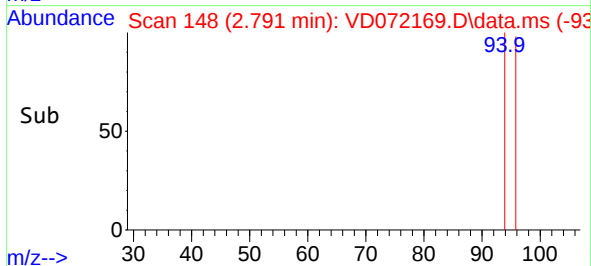
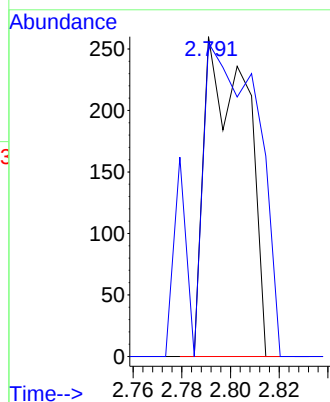
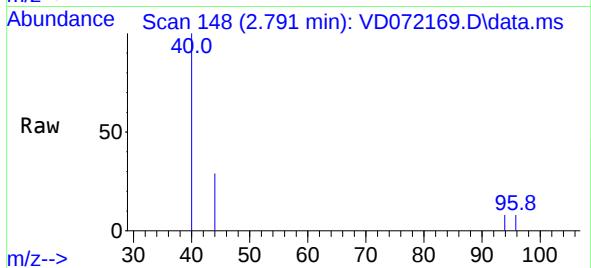




#5
Bromomethane
Concen: 13.201 ug/l
RT: 2.791 min Scan# 144
Delta R.T. 0.023 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

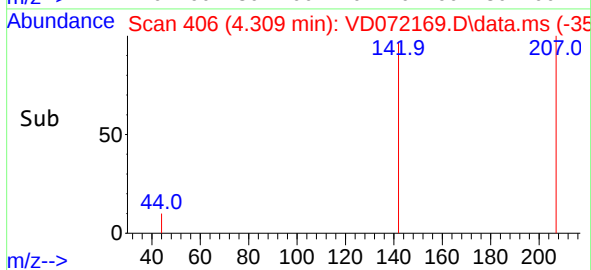
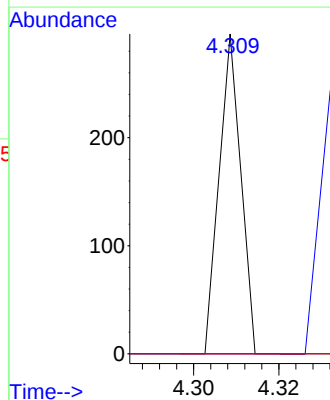
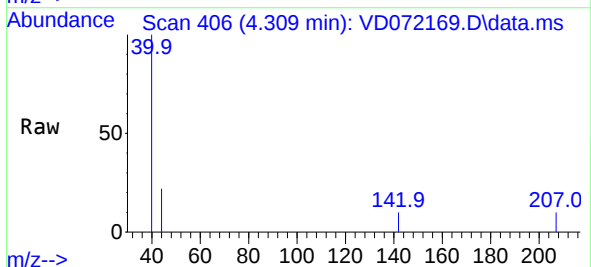
Instrument :
MSVOA_D
ClientSampleId :
DUM-36

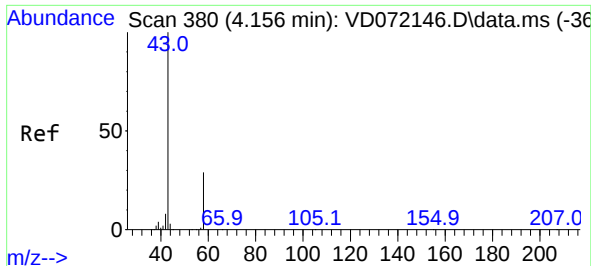
Tgt Ion: 94 Resp: 315
Ion Ratio Lower Upper
94 100
96 98.1 77.6 116.4



#10
Methyl Iodide
Concen: 4.329 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

Tgt Ion:142 Resp: 104
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

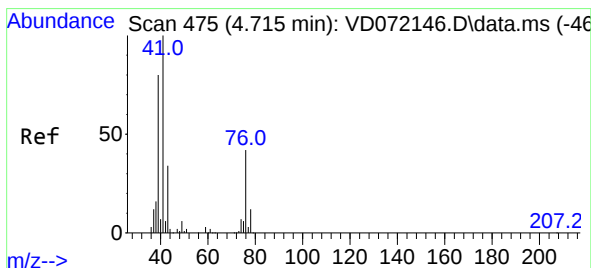
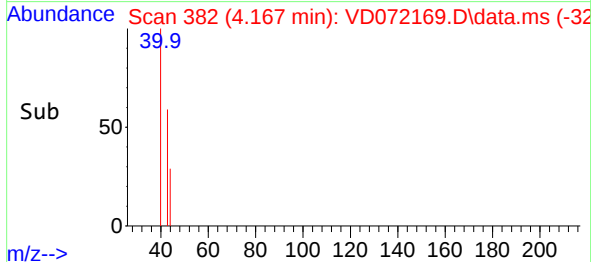
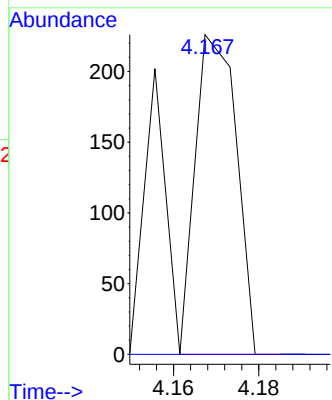
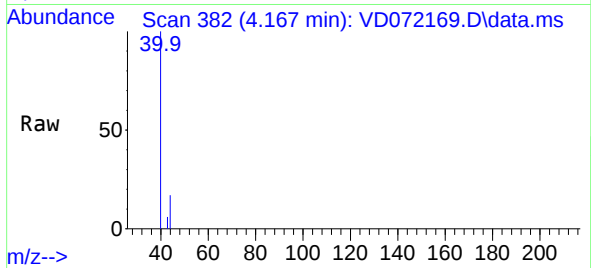




#16
Acetone
Concen: 13.510 ug/l
RT: 4.167 min Scan# 380
Delta R.T. 0.012 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

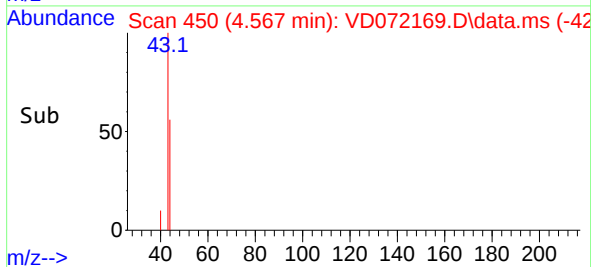
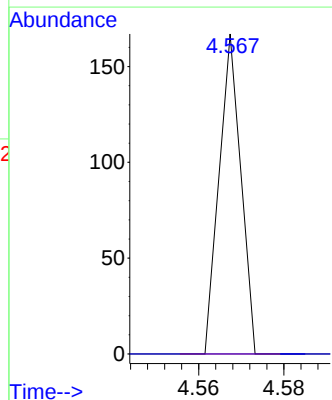
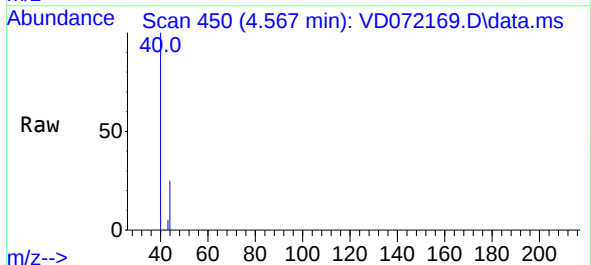
Instrument :
MSVOA_D
Client SampleId :
DUM-36

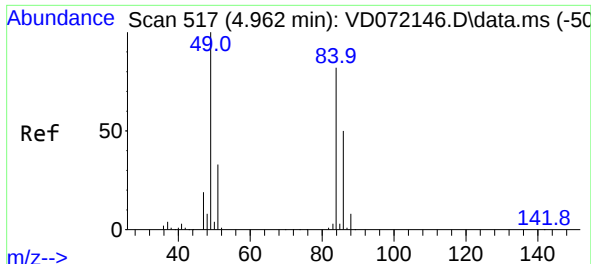
Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#18
Methyl Acetate
Concen: 2.154 ug/l
RT: 4.567 min Scan# 450
Delta R.T. -0.147 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.985 min Scan# 51

Delta R.T. 0.023 min

Lab File: VD072169.D

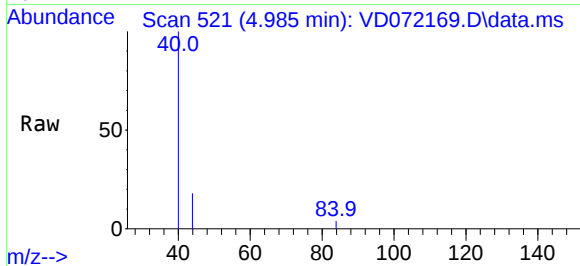
Acq: 14 Mar 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

DUM-36



Tgt Ion: 84 Resp: 54

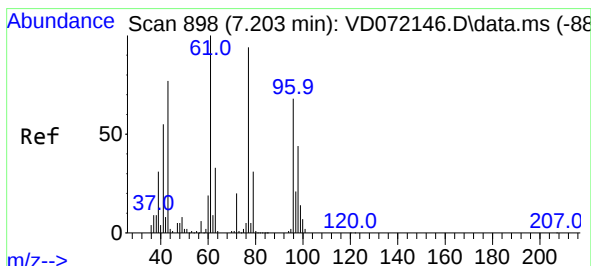
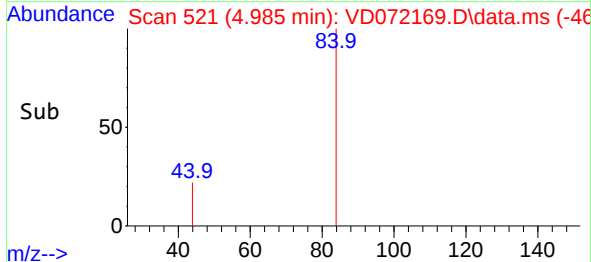
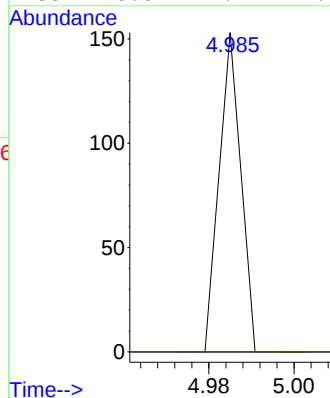
Ion Ratio Lower Upper

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: 5.301 ug/l

RT: 7.026 min Scan# 868

Delta R.T. -0.177 min

Lab File: VD072169.D

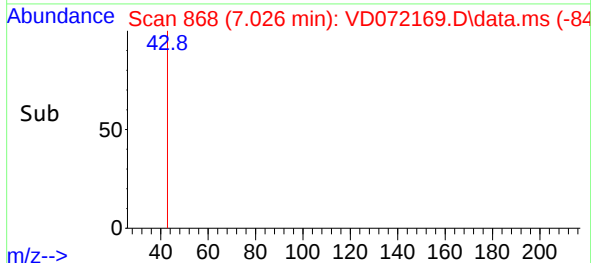
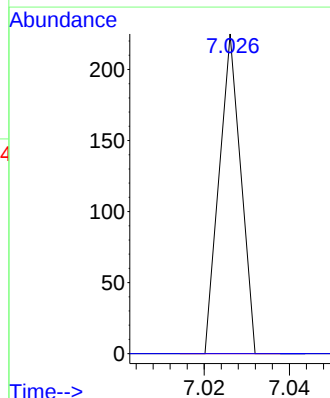
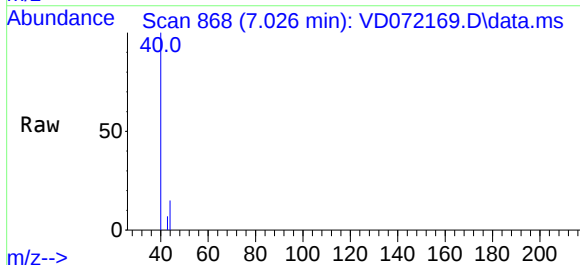
Acq: 14 Mar 2022 16:02

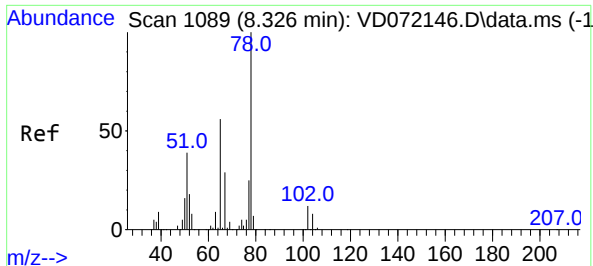
Tgt Ion: 43 Resp: 79

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#





#33

1,2-Dichloroethane-d4

Concen: 89.945 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072169.D

Acq: 14 Mar 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

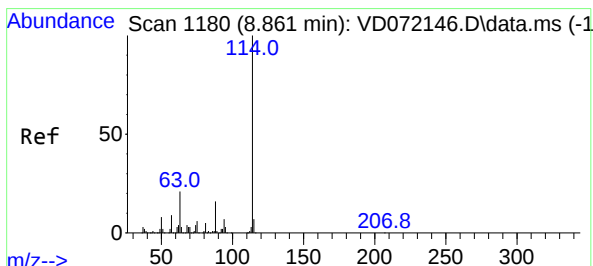
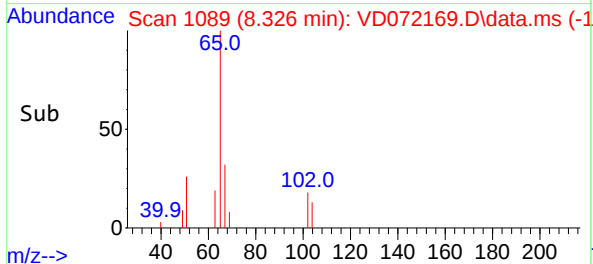
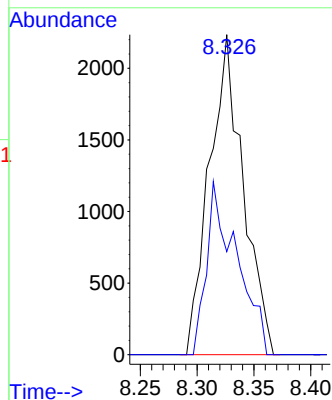
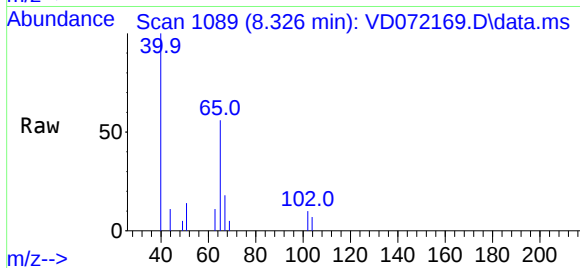
DUM-36

Tgt Ion: 65 Resp: 4630

Ion Ratio Lower Upper

65 100

67 48.1 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: VD072169.D

Acq: 14 Mar 2022 16:02

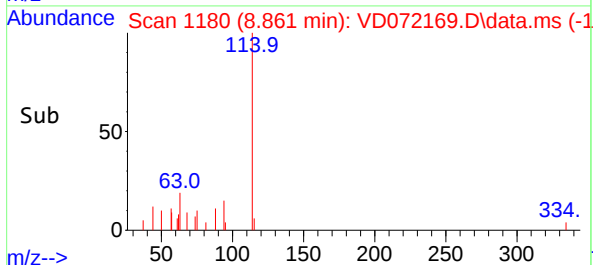
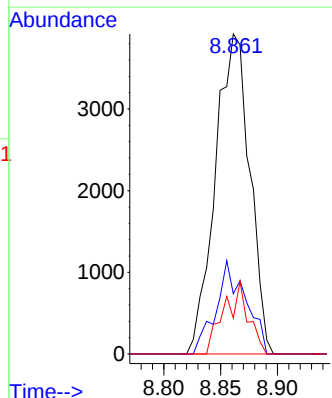
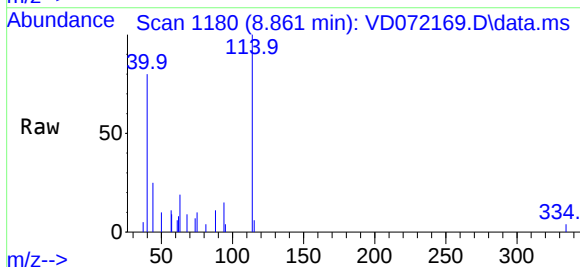
Tgt Ion: 114 Resp: 8259

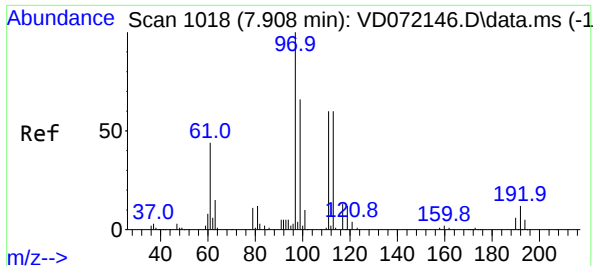
Ion Ratio Lower Upper

114 100

63 18.8 0.0 46.6

88 11.2 0.0 33.2

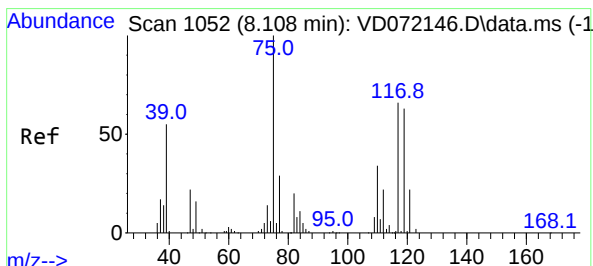
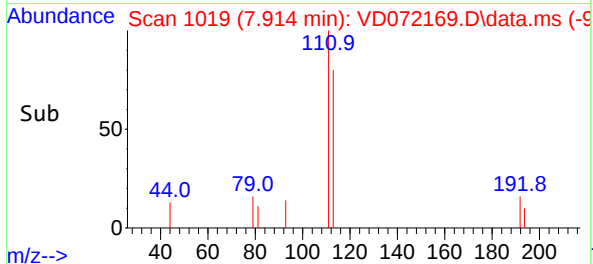
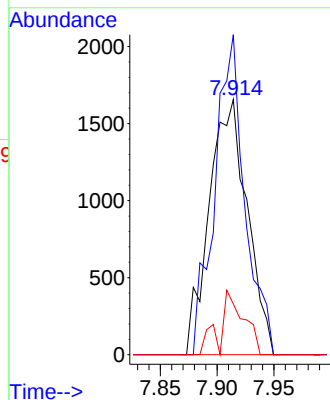
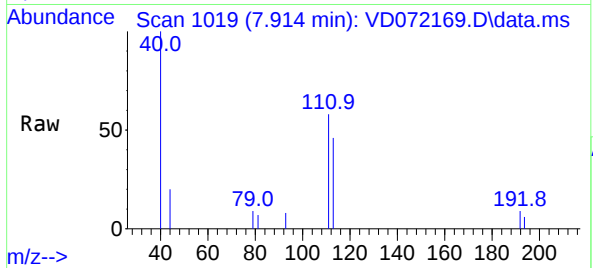




#35
Dibromofluoromethane
Concen: 66.329 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

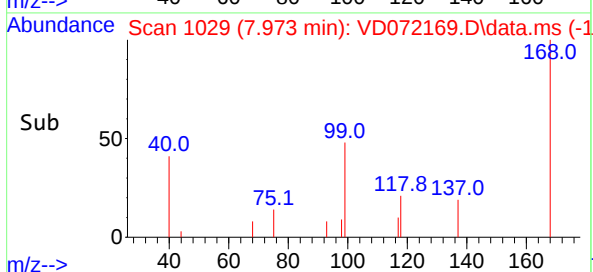
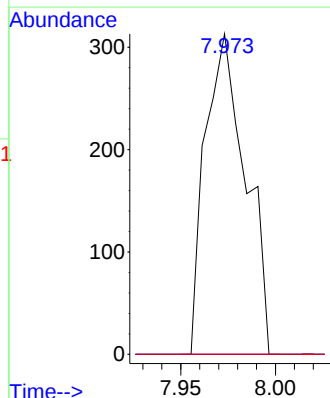
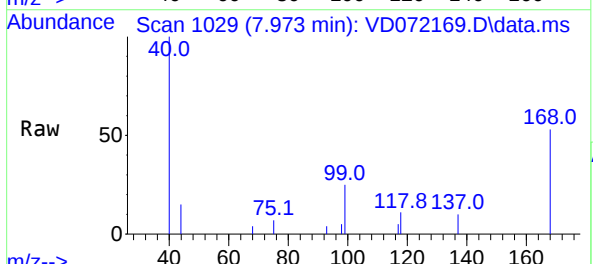
Instrument :
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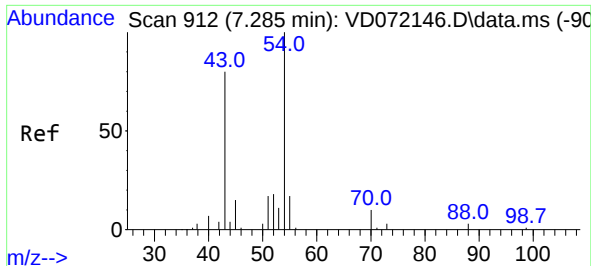
Tgt Ion:113 Resp: 3855
Ion Ratio Lower Upper
113 100
111 99.4 83.8 125.6
192 16.1 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.691 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

Tgt Ion: 75 Resp: 464
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 1.932 ug/l

RT: 7.432 min Scan# 91

Delta R.T. 0.147 min

Lab File: VD072169.D

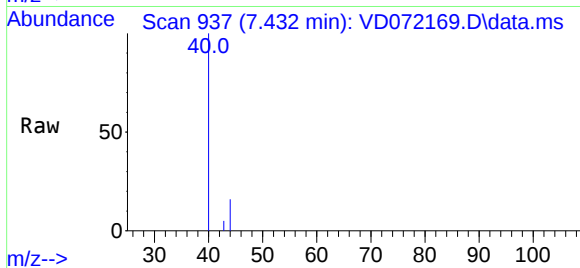
Acq: 14 Mar 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

DUM-36



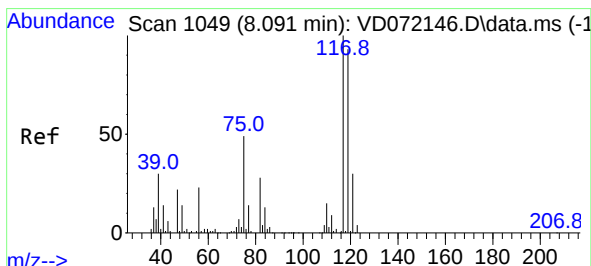
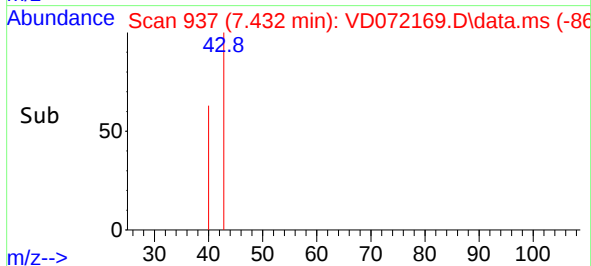
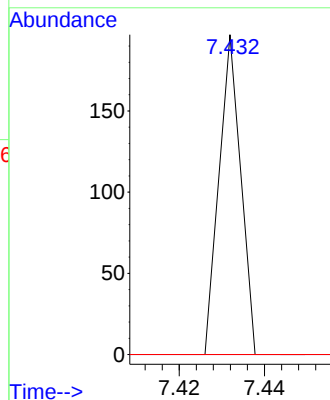
Tgt Ion: 43 Resp: 69

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 3.032 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD072169.D

Acq: 14 Mar 2022 16:02

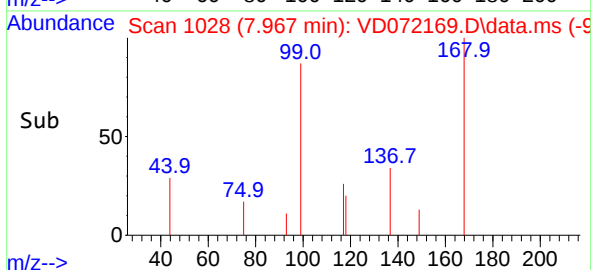
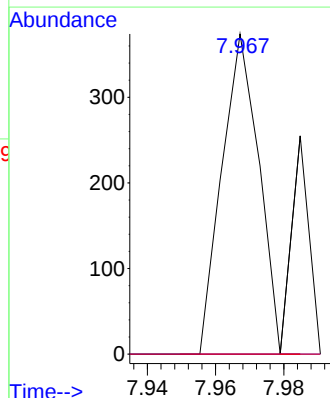
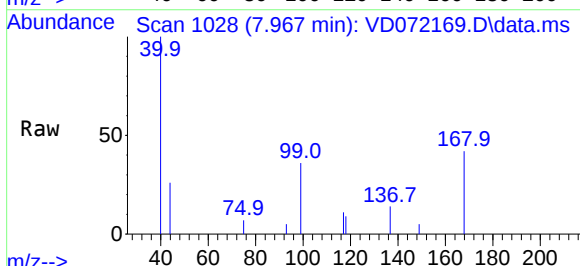
Tgt Ion: 117 Resp: 281

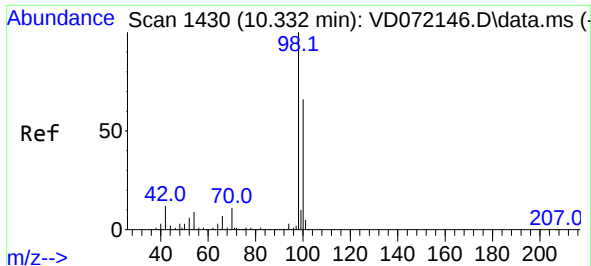
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.5 36.7#

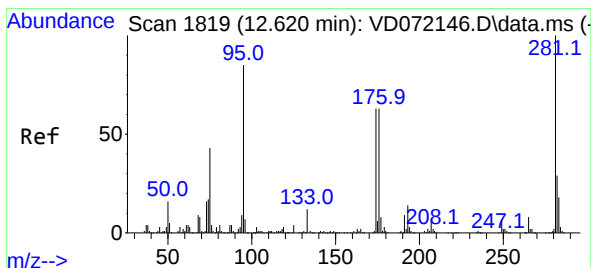
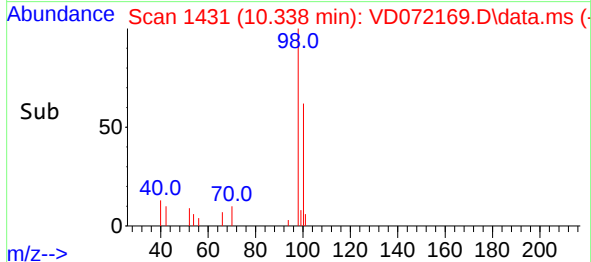
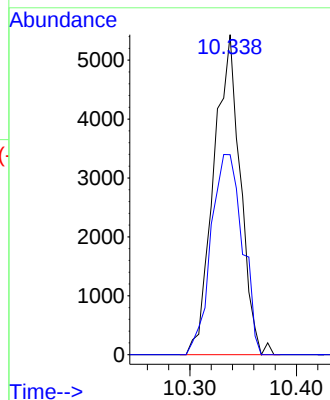
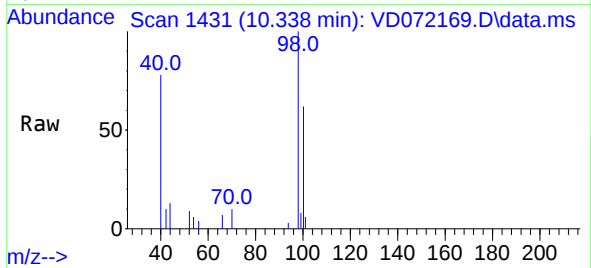




#50
Toluene-d8
Concen: 44.317 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

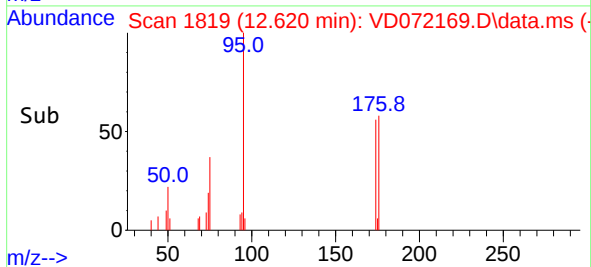
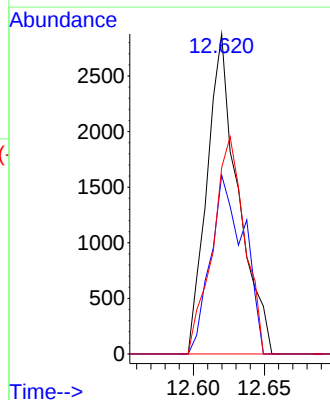
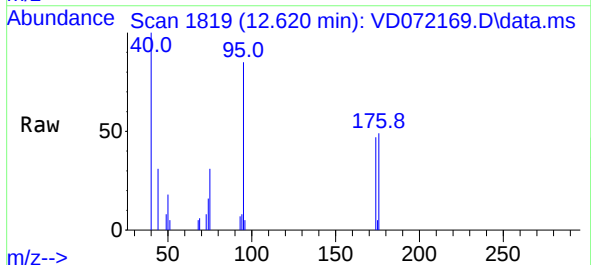
Instrument :
MSVOA_D
ClientSampleId :
DUM-36

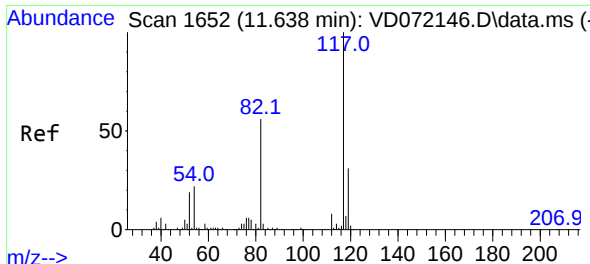
Tgt Ion: 98 Resp: 9418
Ion Ratio Lower Upper
98 100
100 74.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.899 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

Tgt Ion: 95 Resp: 4368
Ion Ratio Lower Upper
95 100
174 60.1 0.0 152.8
176 69.4 0.0 145.4

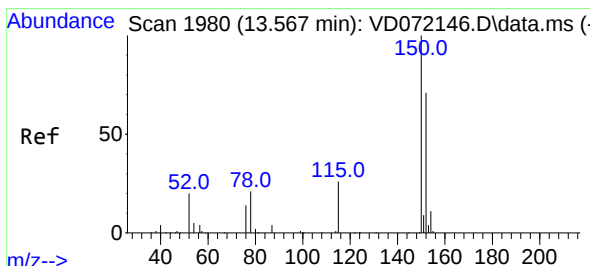
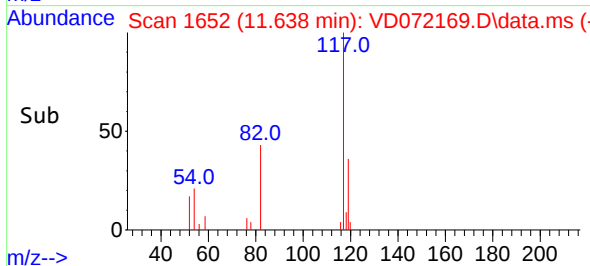
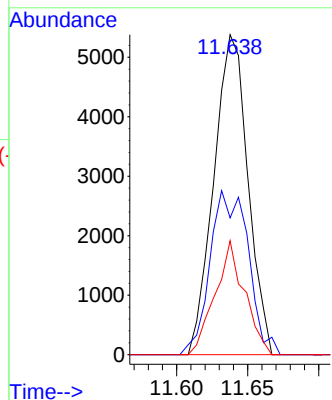
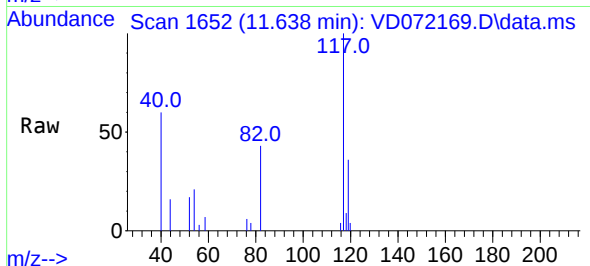




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

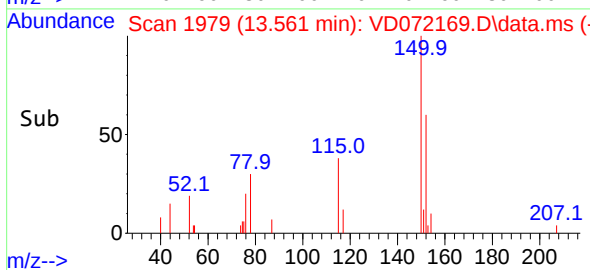
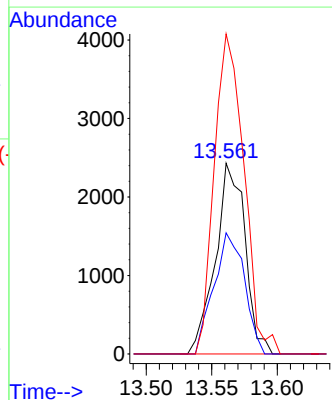
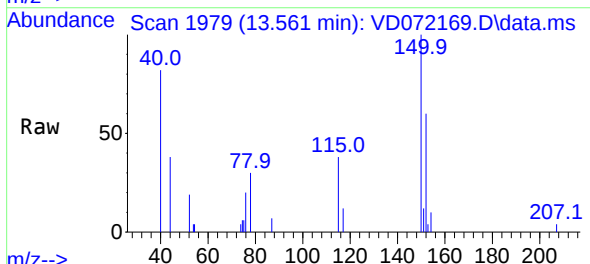
Instrument :
MSVOA_D
ClientSampleId :
DUM-36

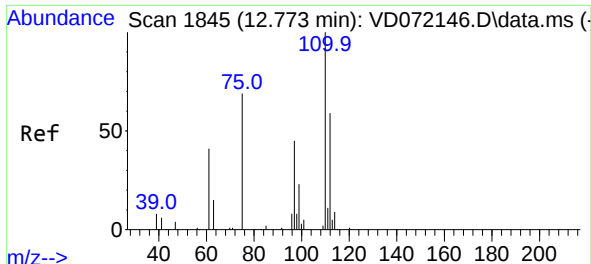
Tgt Ion:117 Resp: 8985
Ion Ratio Lower Upper
117 100
82 42.8 45.3 67.9#
119 35.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

Tgt Ion:152 Resp: 3820
Ion Ratio Lower Upper
152 100
115 65.6 31.3 93.8
150 168.4 0.0 348.6

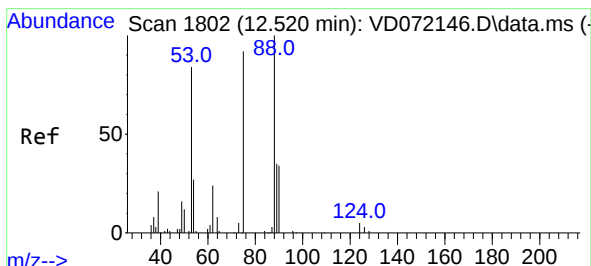
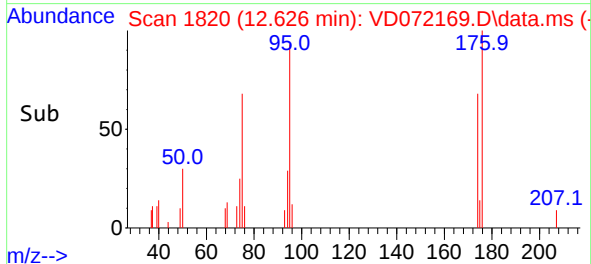
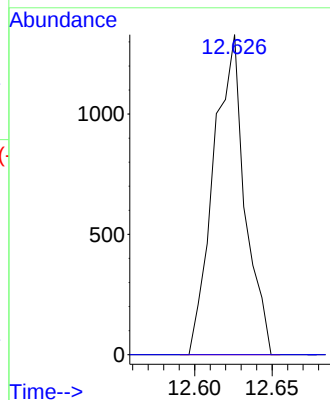
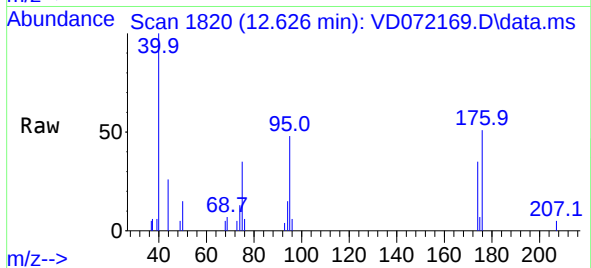




#76
1,2,3-Trichloropropane
Concen: 44.283 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

Instrument :
MSVOA_D
ClientSampleId :
DUM-36

Tgt Ion: 75 Resp: 1866
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 109.871 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072169.D
Acq: 14 Mar 2022 16:02

Tgt Ion: 75 Resp: 1866
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

