

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073568.D
 Acq On : 14 Jun 2022 14:34
 Operator : VA/SY
 Sample : N3287-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

Quant Time: Jun 15 01:36:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

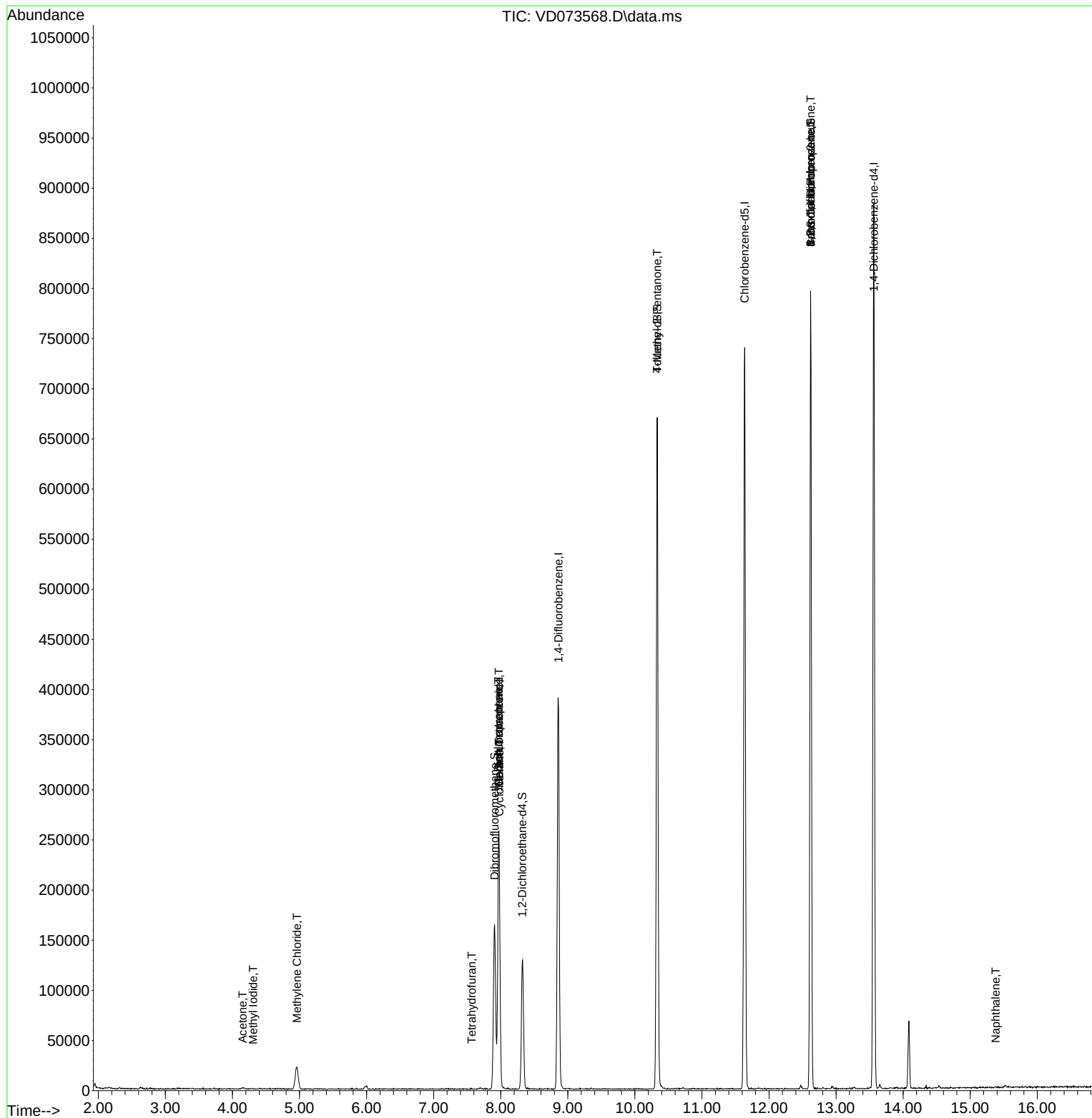
Internal Standards						
1) Pentafluorobenzene	7.973	168	187385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	345313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	440018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	236724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	107518	53.468	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.940%			
35) Dibromofluoromethane	7.909	113	117320	52.835	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.660%			
50) Toluene-d8	10.332	98	446245	53.153	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.300%			
62) 4-Bromofluorobenzene	12.620	95	223494	73.330	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 146.660%#			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	362	4.316	ug/l #	56
16) Acetone	4.150	43	1966	5.553	ug/l #	83
20) Methylene Chloride	4.962	84	18785	5.564	ug/l #	72
29) Tetrahydrofuran	7.567	42	503	1.513	ug/l #	50
31) Cyclohexane	7.979	56	4520	1.334	ug/l #	33
36) 1,1-Dichloropropene	7.967	75	14855	4.454	ug/l #	54
38) Carbon Tetrachloride	7.973	117	18991	5.443	ug/l #	19
51) 4-Methyl-2-Pentanone	10.332	43	1868	1.424	ug/l #	1
71) Bromoform	12.620	173	1975	1.051	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	113810	49.489	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	113810	116.160	ug/l #	7
95) Naphthalene	15.379	128	227	4.228	ug/l #	70

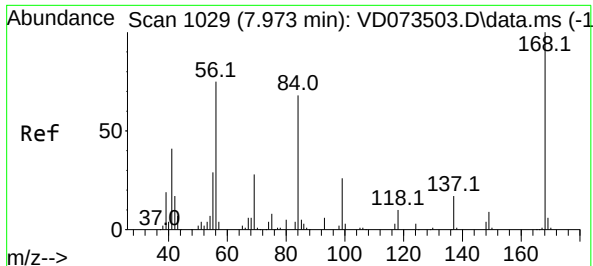
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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SB-2

Quant Time: Jun 15 01:36:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

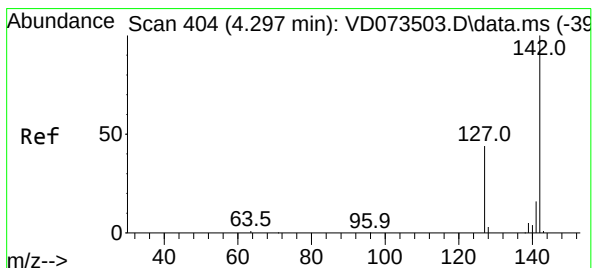
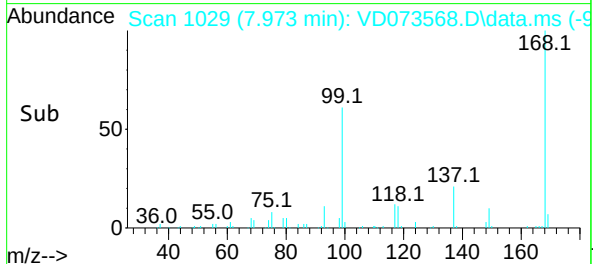
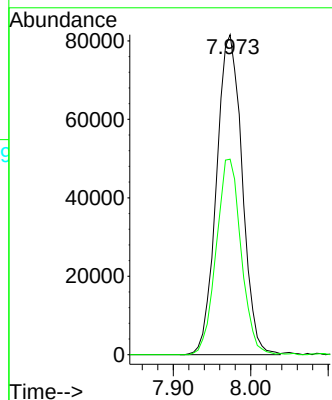
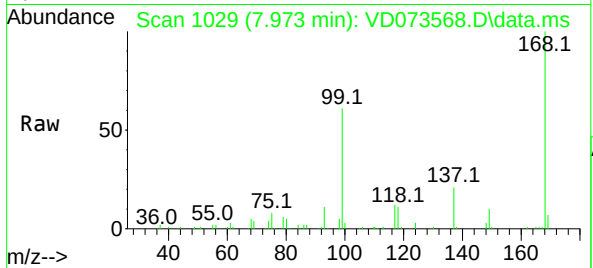




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

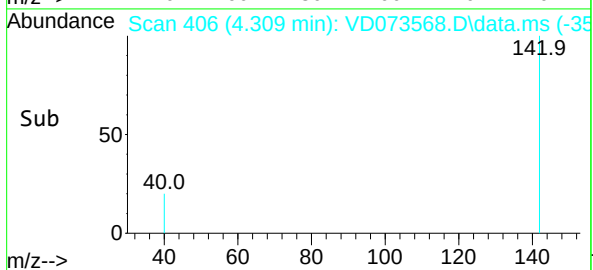
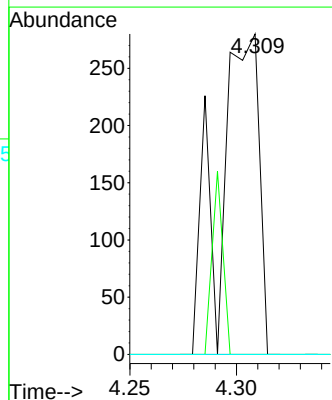
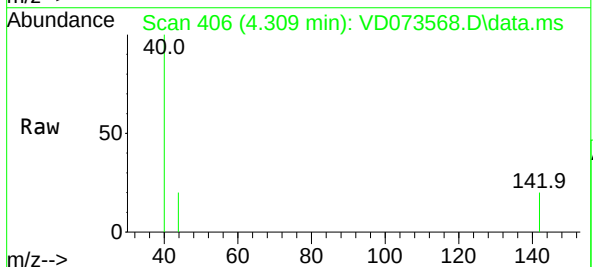
Instrument :
MSVOA_D
ClientSampleId :
SB-2

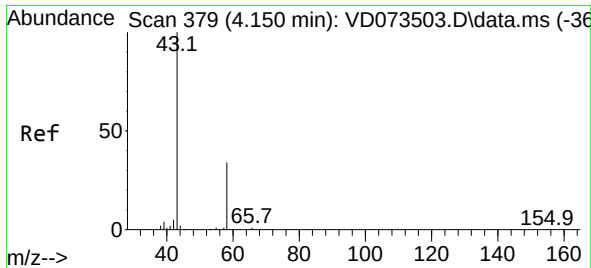
Tgt Ion:168 Resp: 187385
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#10
Methyl Iodide
Concen: 4.316 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

Tgt Ion:142 Resp: 362
Ion Ratio Lower Upper
142 100
127 15.5 37.3 55.9#
141 0.0 11.7 17.5#

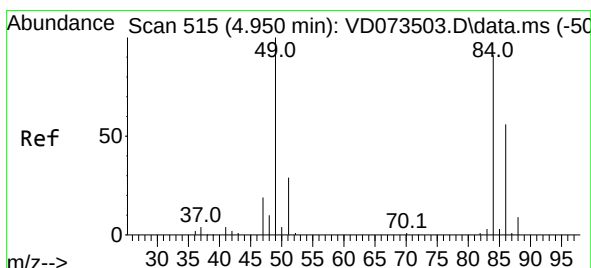
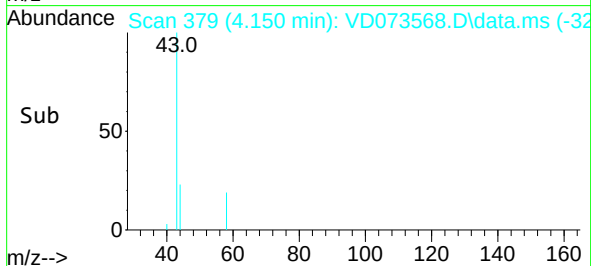
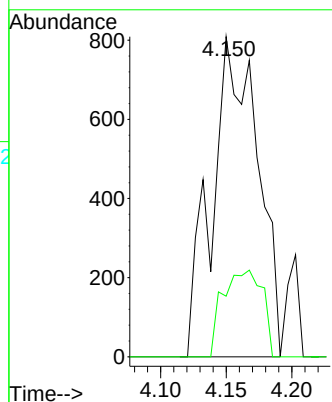
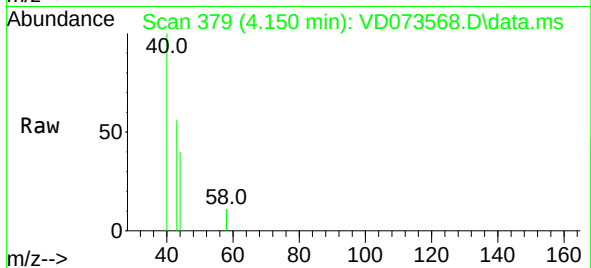




#16
Acetone
Concen: 5.553 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

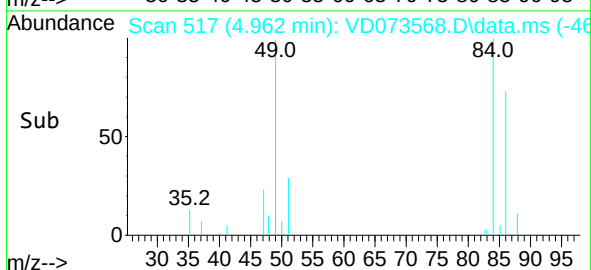
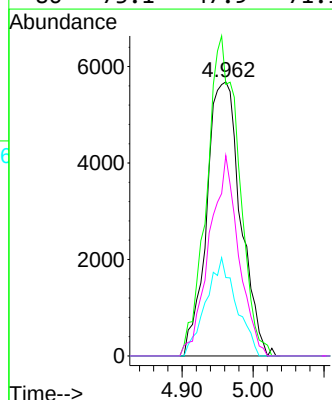
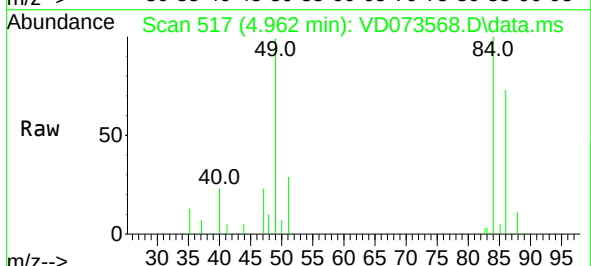
Instrument :
MSVOA_D
ClientSampleId :
SB-2

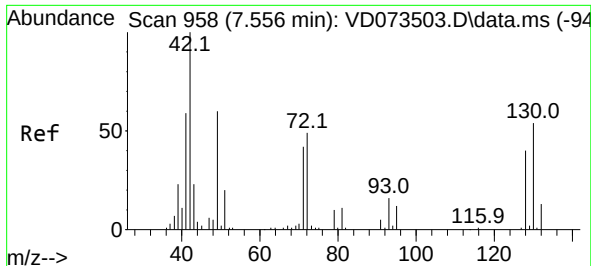
Tgt Ion: 43 Resp: 1966
Ion Ratio Lower Upper
43 100
58 18.9 22.1 33.1#



#20
Methylene Chloride
Concen: 5.564 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.012 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

Tgt Ion: 84 Resp: 18785
Ion Ratio Lower Upper
84 100
49 99.1 112.8 169.2#
51 28.6 32.6 48.8#
86 73.1 47.9 71.9#





#29

Tetrahydrofuran

Concen: 1.513 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.011 min

Lab File: VD073568.D

Acq: 14 Jun 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

SB-2

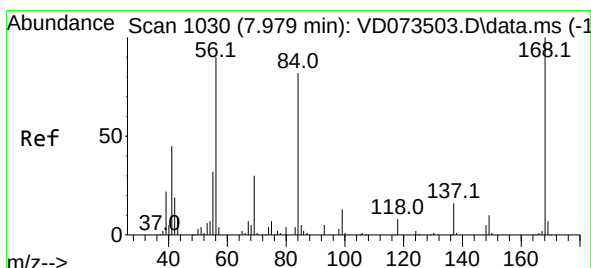
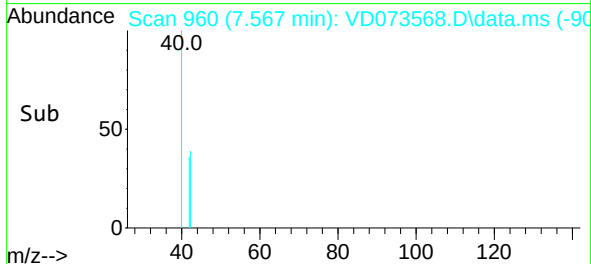
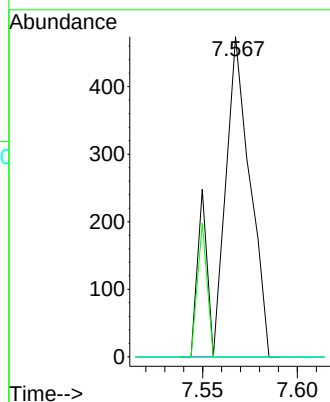
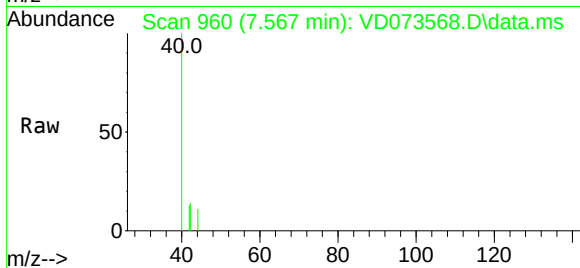
Tgt Ion: 42 Resp: 503

Ion Ratio Lower Upper

42 100

72 13.9 30.7 46.1#

71 0.0 28.6 43.0#



#31

Cyclohexane

Concen: 1.334 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073568.D

Acq: 14 Jun 2022 14:34

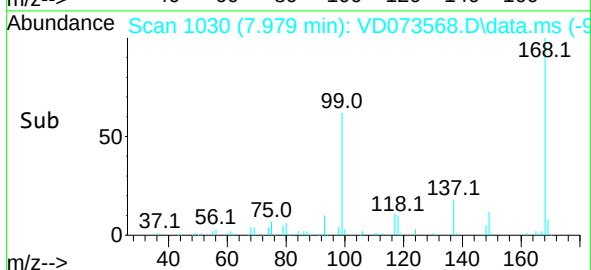
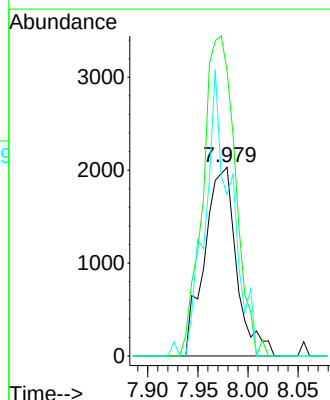
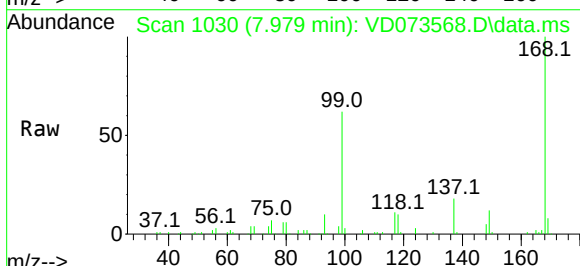
Tgt Ion: 56 Resp: 4520

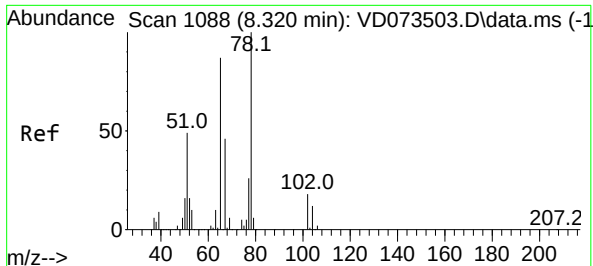
Ion Ratio Lower Upper

56 100

69 151.1 25.4 38.2#

84 85.8 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 53.468 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073568.D

Acq: 14 Jun 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

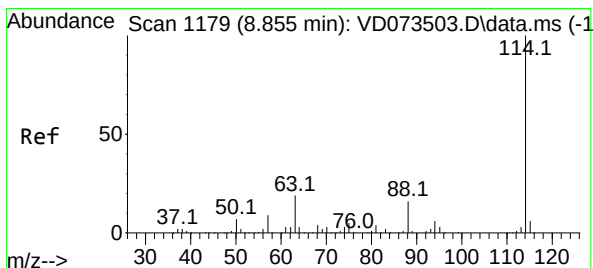
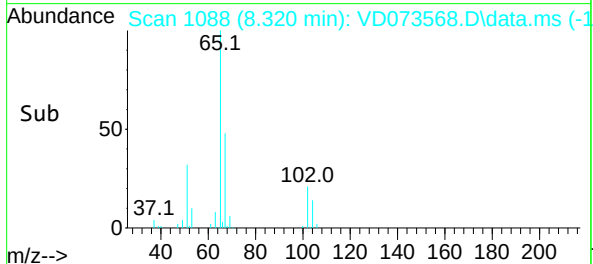
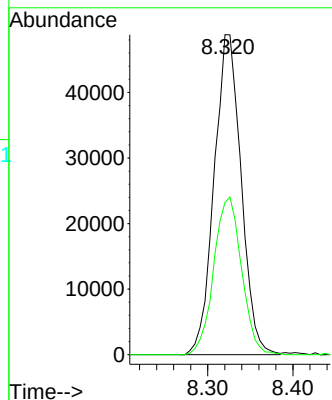
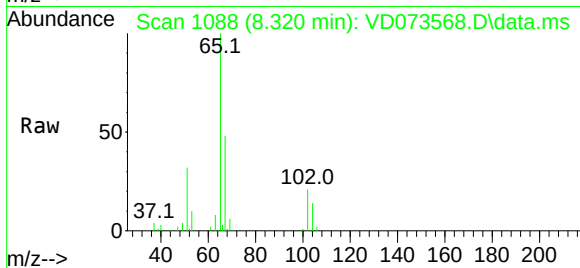
SB-2

Tgt Ion: 65 Resp: 107518

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073568.D

Acq: 14 Jun 2022 14:34

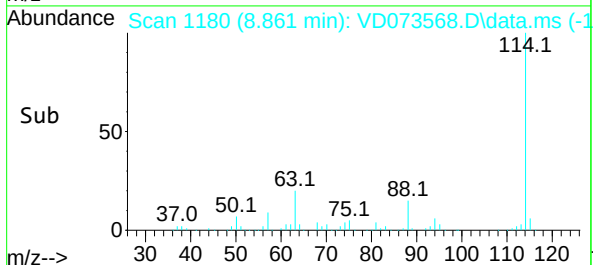
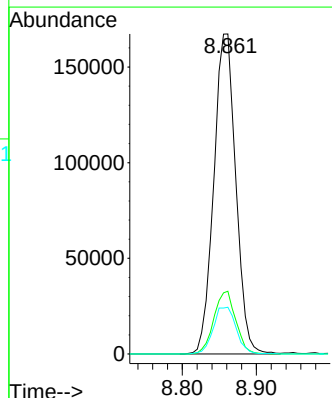
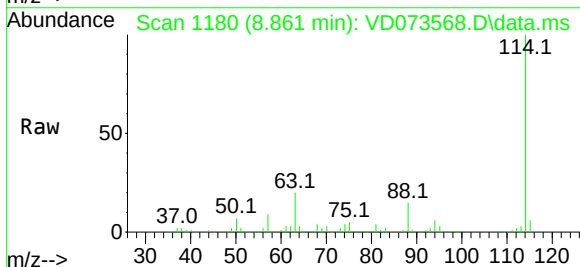
Tgt Ion: 114 Resp: 345313

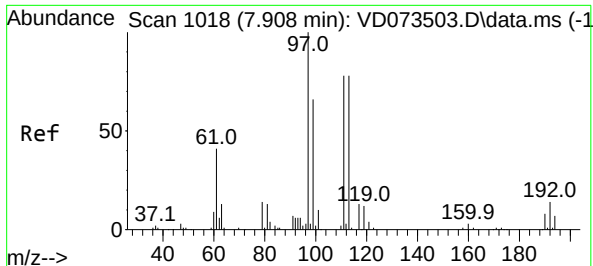
Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 14.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.835 ug/l

RT: 7.909 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD073568.D

Acq: 14 Jun 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

SB-2

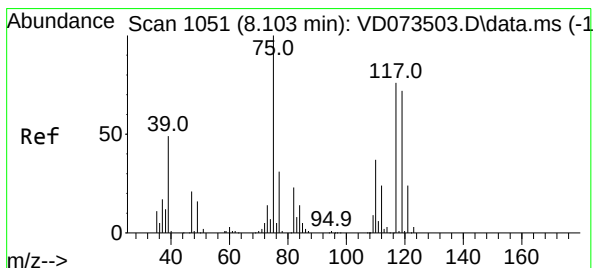
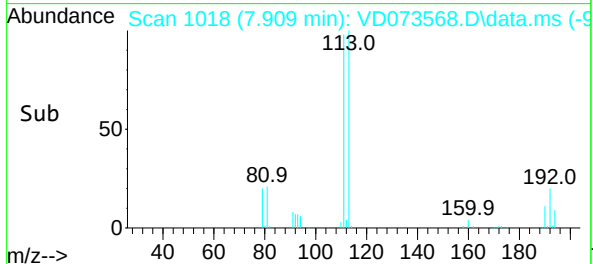
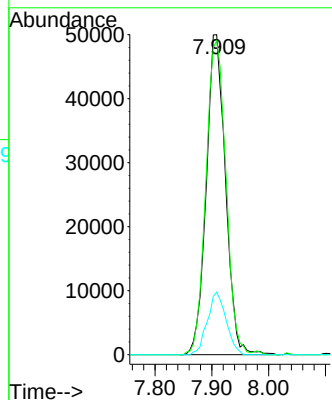
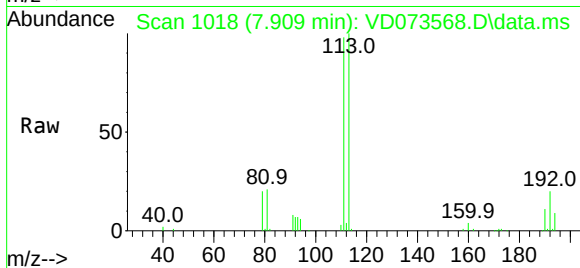
Tgt Ion:113 Resp: 117320

Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 19.1 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.454 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.136 min

Lab File: VD073568.D

Acq: 14 Jun 2022 14:34

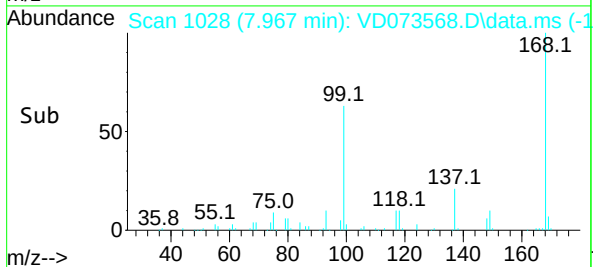
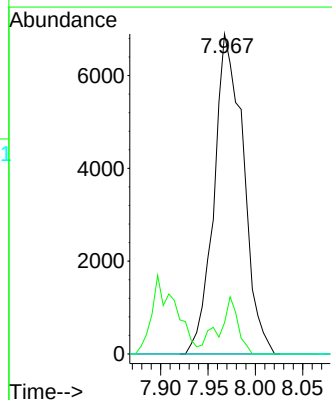
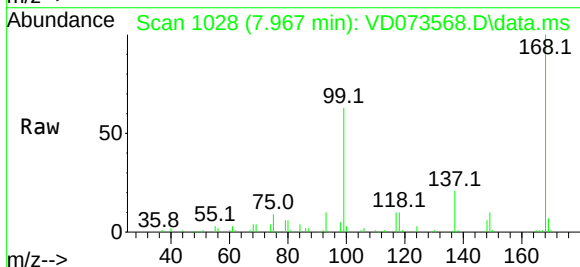
Tgt Ion: 75 Resp: 14855

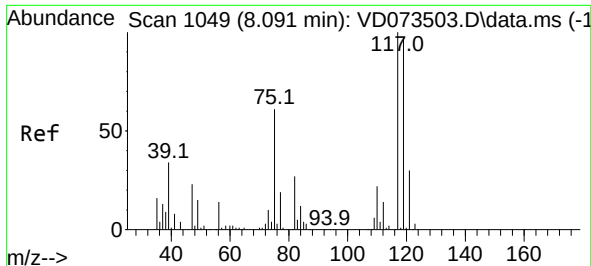
Ion Ratio Lower Upper

75 100

110 11.8 16.4 49.1#

77 0.0 24.2 36.2#

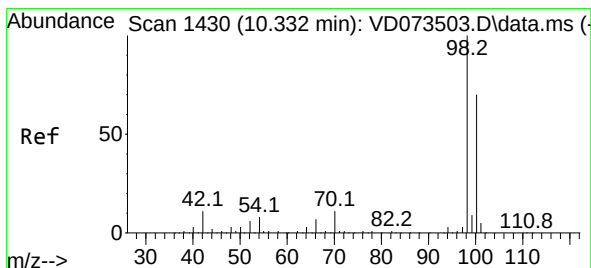
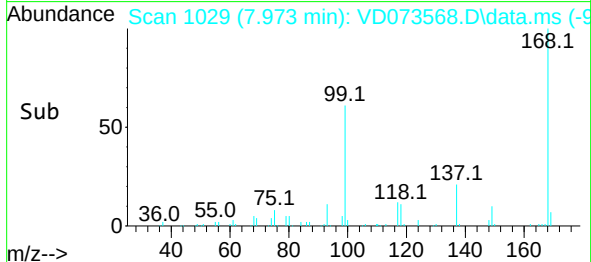
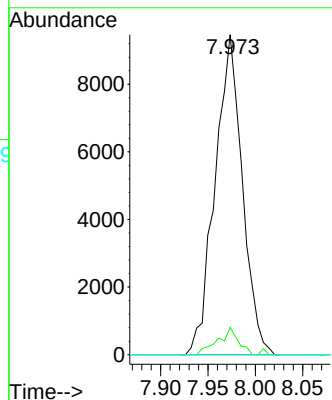
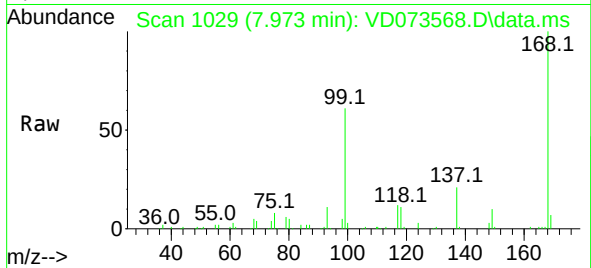




#38
Carbon Tetrachloride
Concen: 5.443 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

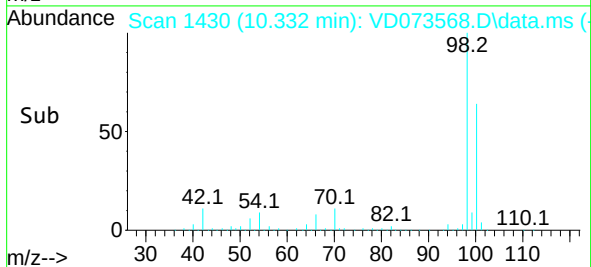
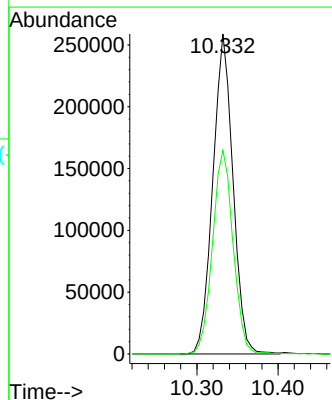
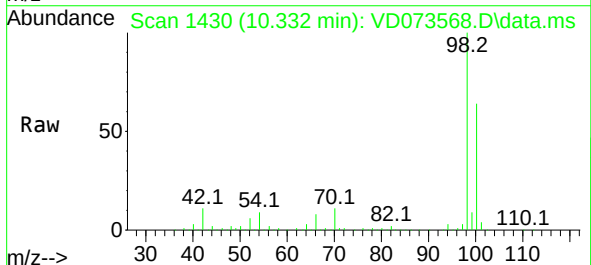
Instrument :
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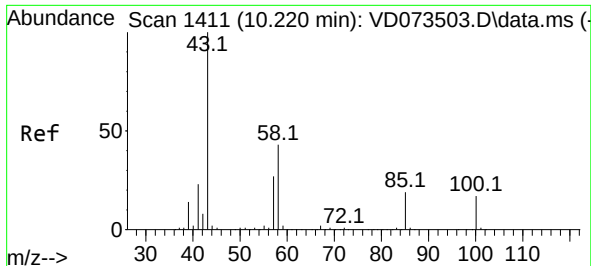
Tgt Ion:117 Resp: 18991
Ion Ratio Lower Upper
117 100
119 8.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.153 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

Tgt Ion: 98 Resp: 446245
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6

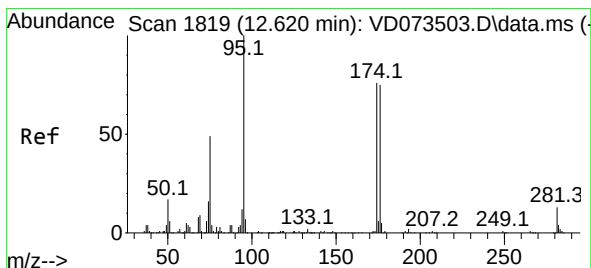
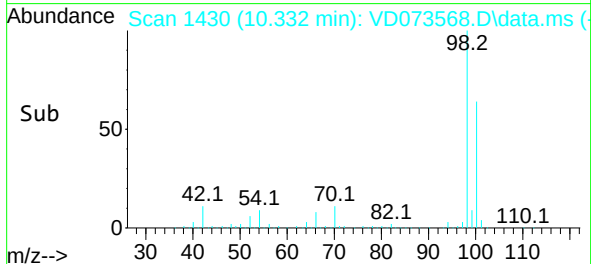
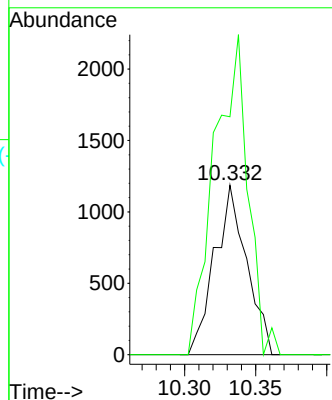
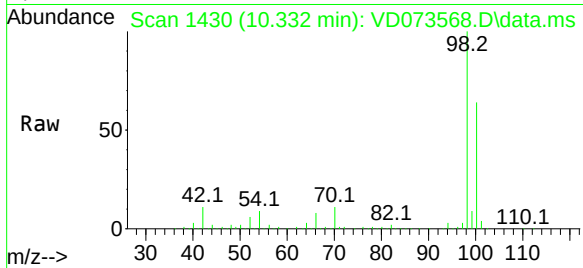




#51
4-Methyl-2-Pentanone
Concen: 1.424 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.112 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

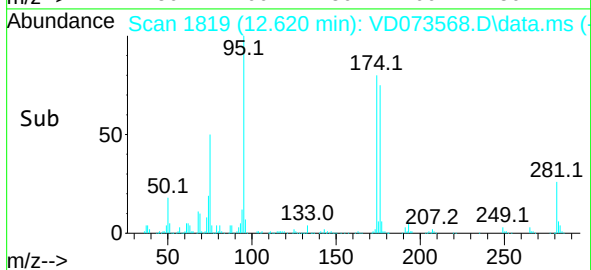
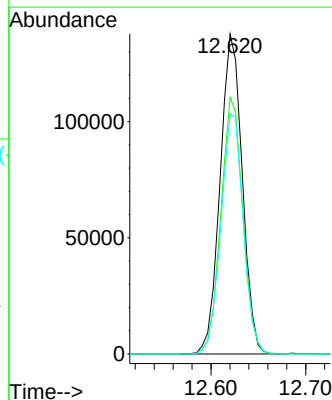
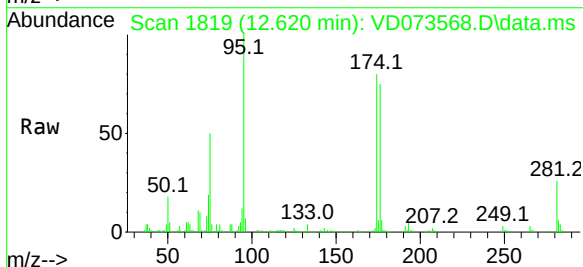
Instrument :
MSVOA_D
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SB-2

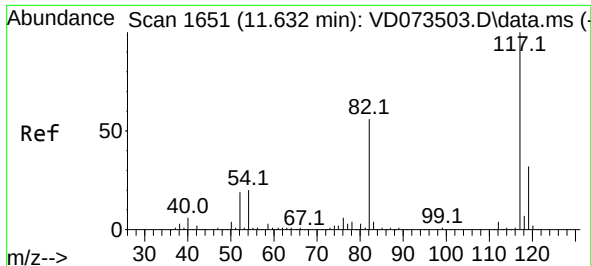
Tgt Ion: 43 Resp: 1868
Ion Ratio Lower Upper
43 100
58 196.7 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 73.330 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

Tgt Ion: 95 Resp: 223494
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 76.0 0.0 145.4

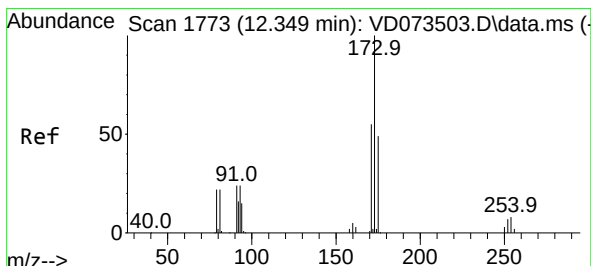
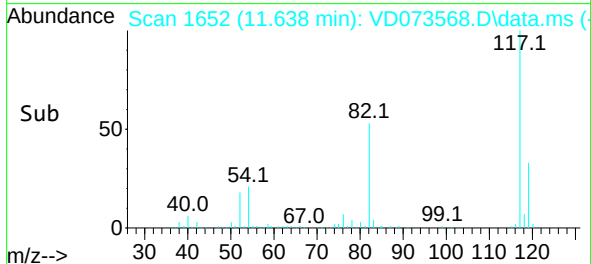
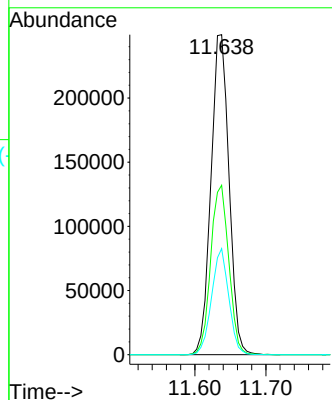
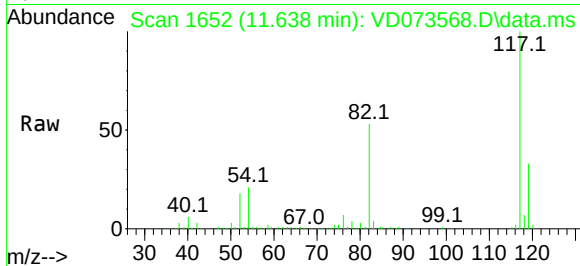




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

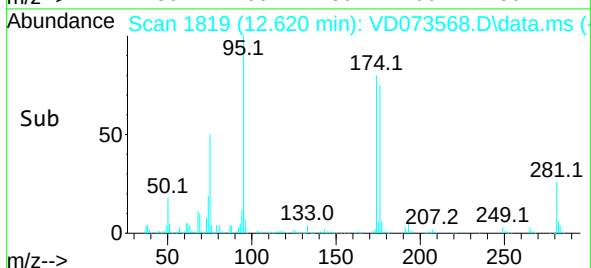
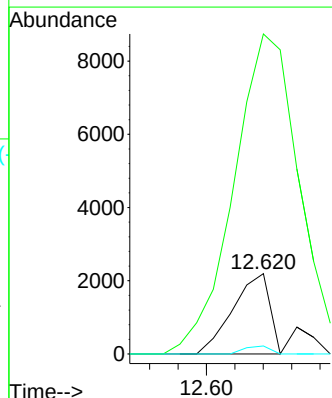
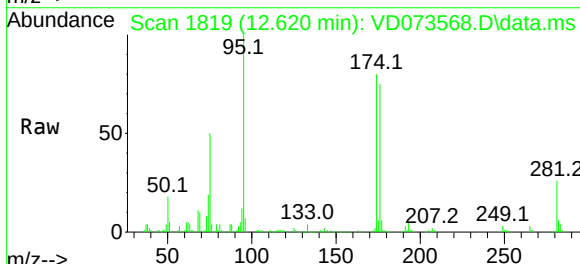
Instrument :
MSVOA_D
ClientSampleId :
SB-2

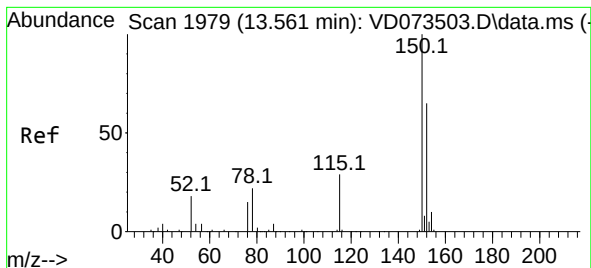
Tgt Ion:117 Resp: 440018
Ion Ratio Lower Upper
117 100
82 52.9 45.3 67.9
119 33.1 26.6 40.0



#71
Bromoform
Concen: 1.051 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

Tgt Ion:173 Resp: 1975
Ion Ratio Lower Upper
173 100
175 550.8 23.9 71.8#
254 7.0 0.0 0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073568.D

Acq: 14 Jun 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

SB-2

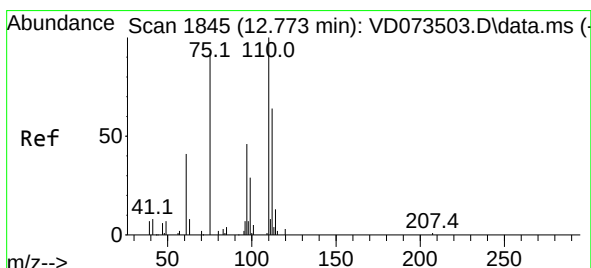
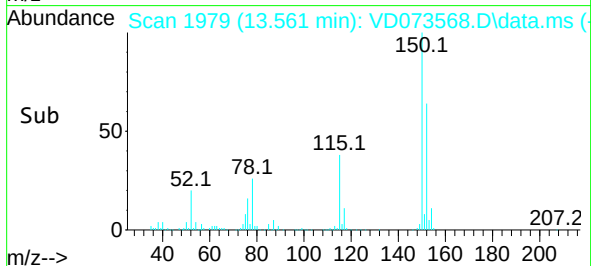
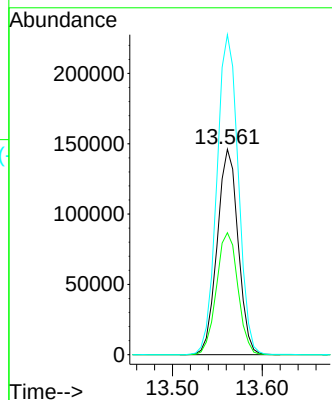
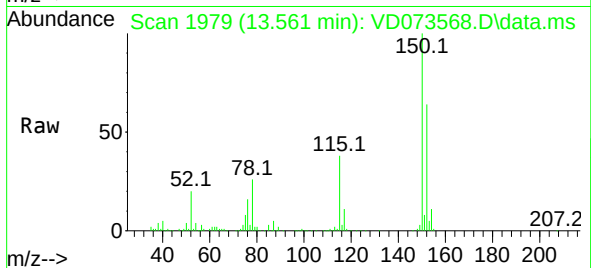
Tgt Ion:152 Resp: 236724

Ion Ratio Lower Upper

152 100

115 60.9 31.3 93.8

150 159.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 49.489 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.153 min

Lab File: VD073568.D

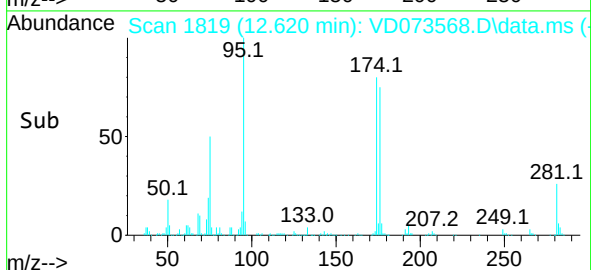
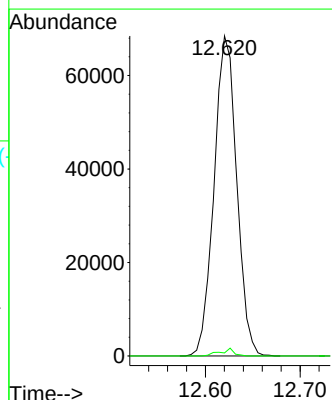
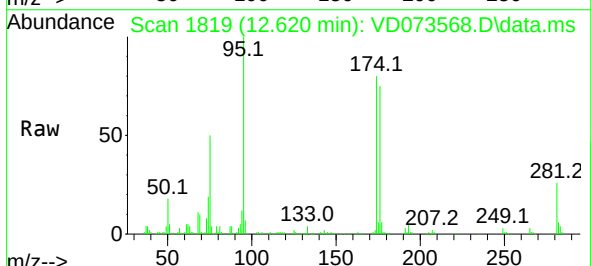
Acq: 14 Jun 2022 14:34

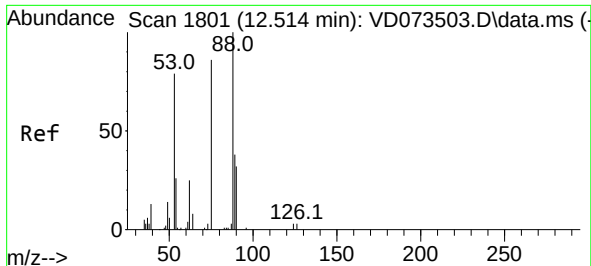
Tgt Ion: 75 Resp: 113810

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

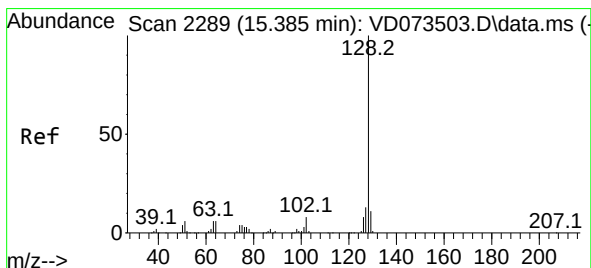
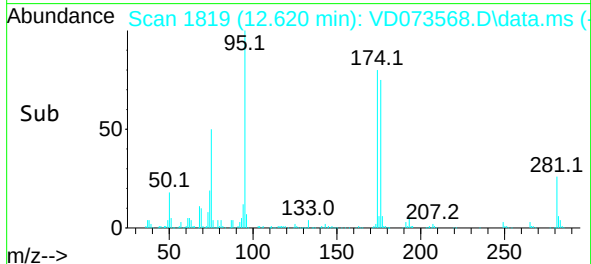
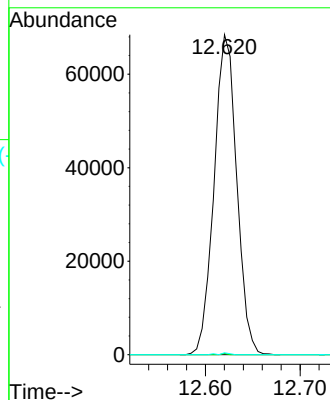
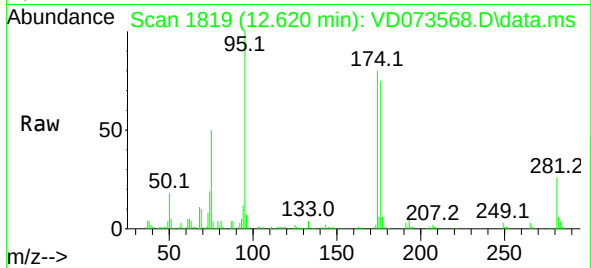




#81
trans-1,4-Dichloro-2-butene
Concen: 116.160 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Tgt Ion: 75 Resp: 113810
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 4.228 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

Tgt Ion:128 Resp: 227
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

