

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073510.D
 Acq On : 09 Jun 2022 15:22
 Operator : VA/SY
 Sample : N3170-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20220413-COMPOSITE-B

Quant Time: Jun 09 17:35:49 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)

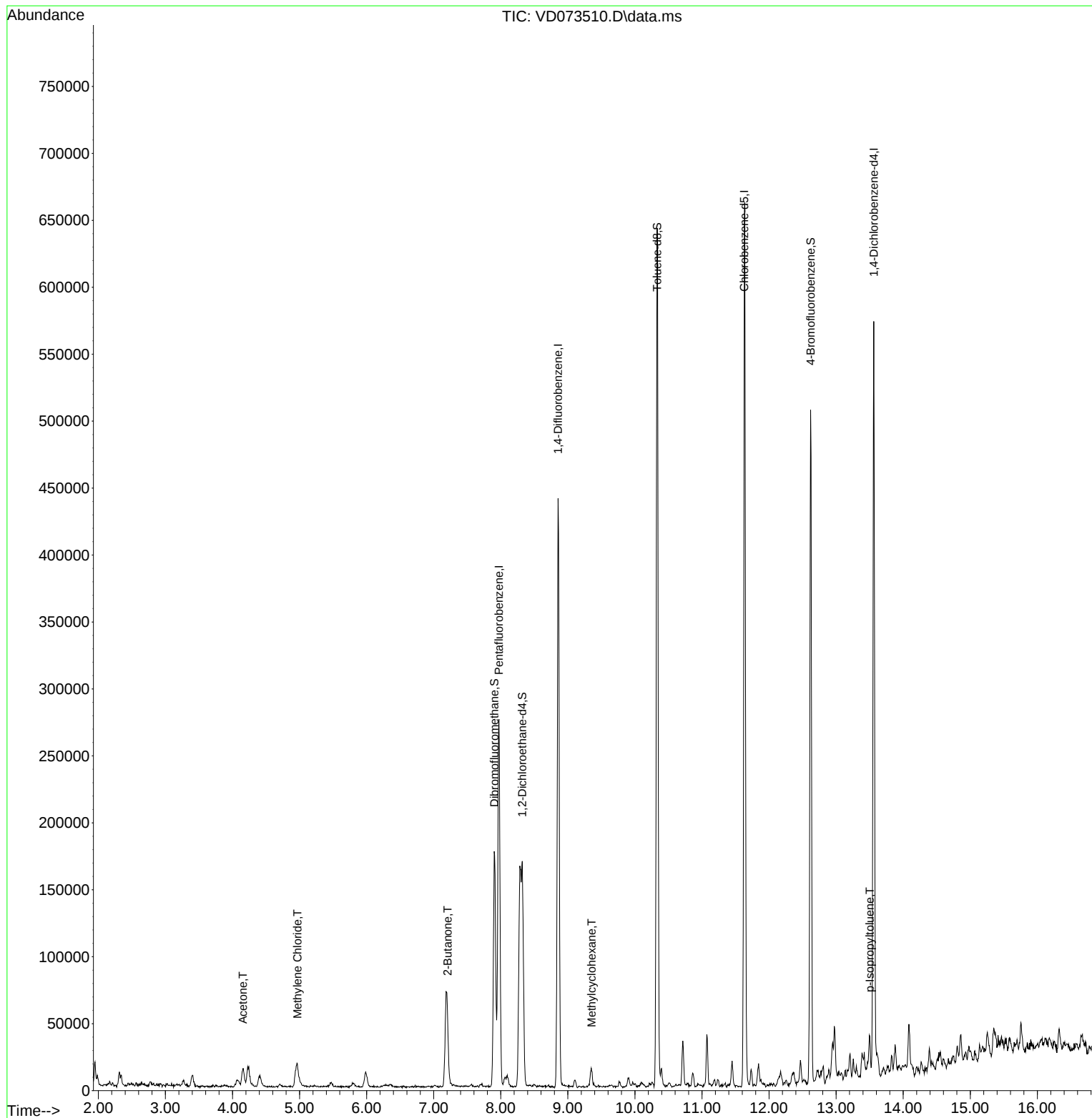
Internal Standards						
1) Pentafluorobenzene	7.973	168	199903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	376093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	385884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	150514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	115669	53.919	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.840%			
35) Dibromofluoromethane	7.903	113	125723	51.985	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.980%			
50) Toluene-d8	10.332	98	452661	49.505	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.000%			
62) 4-Bromofluorobenzene	12.620	95	166799	50.249	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.500%			
Target Compounds						Qvalue
16) Acetone	4.156	43	23933	63.361	ug/l #	80
20) Methylene Chloride	4.967	84	13466	2.592	ug/l #	77
25) 2-Butanone	7.208	43	11315	20.359	ug/l	95
39) Methylcyclohexane	9.355	83	4376	1.034	ug/l #	82
86) p-Isopropyltoluene	13.502	119	12083	1.272	ug/l	89

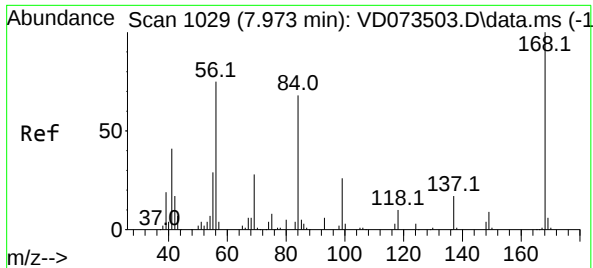
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

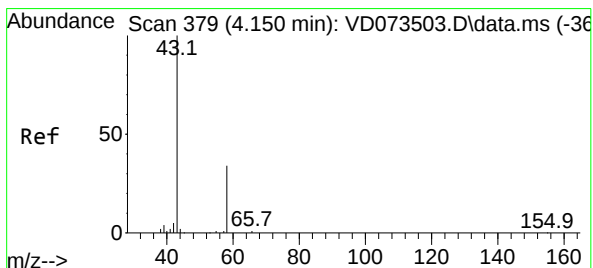
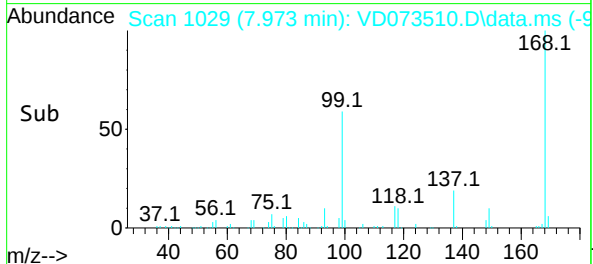
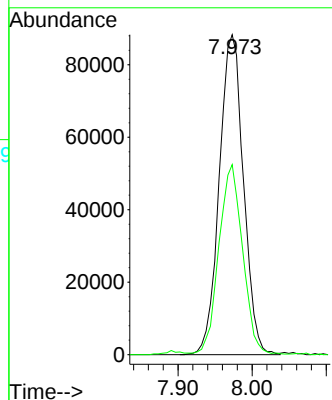
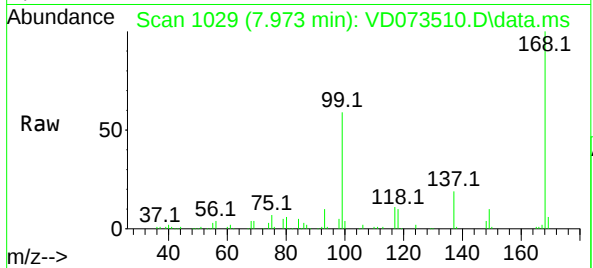




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073510.D
Acq: 09 Jun 2022 15:22

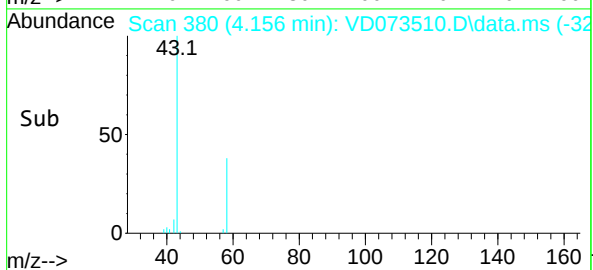
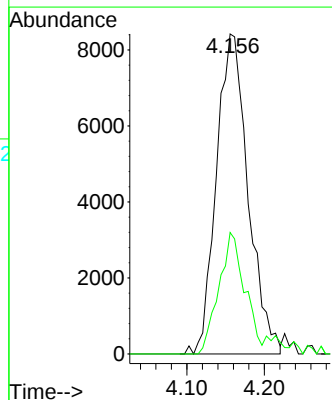
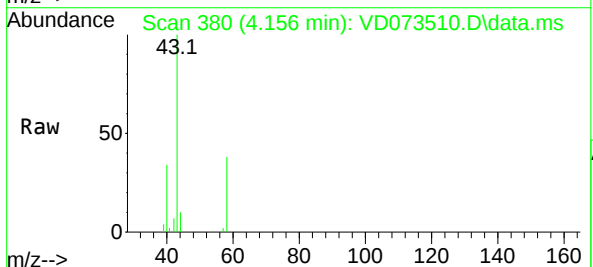
Instrument :
MSVOA_D
ClientSampleId :
20220413-COMPOSITE-B

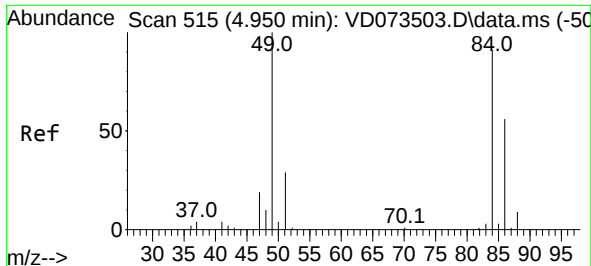
Tgt Ion:168 Resp: 199903
Ion Ratio Lower Upper
168 100
99 59.1 49.8 74.6



#16
Acetone
Concen: 63.361 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073510.D
Acq: 09 Jun 2022 15:22

Tgt Ion: 43 Resp: 23933
Ion Ratio Lower Upper
43 100
58 37.9 22.1 33.1#





#20

Methylene Chloride

Concen: 2.592 ug/l

RT: 4.967 min Scan# 515

Delta R.T. 0.017 min

Lab File: VD073510.D

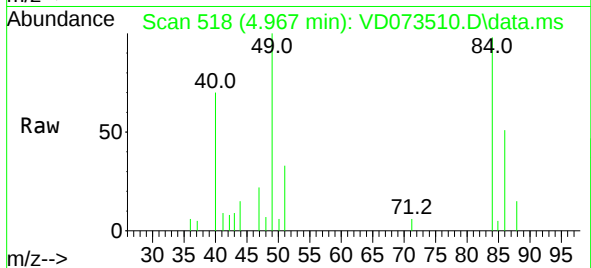
Acq: 09 Jun 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

20220413-COMPOSITE-B



Tgt Ion: 84 Resp: 13466

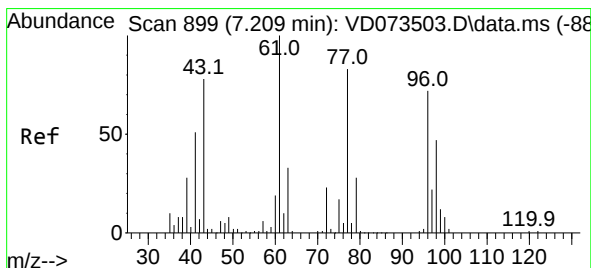
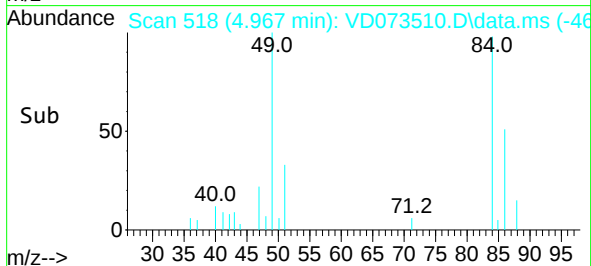
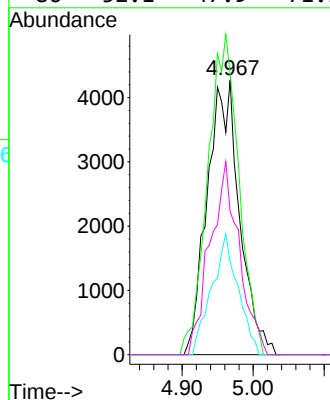
Ion Ratio Lower Upper

84 100

49 102.4 112.8 169.2#

51 33.7 32.6 48.8

86 52.1 47.9 71.9



#25

2-Butanone

Concen: 20.359 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.001 min

Lab File: VD073510.D

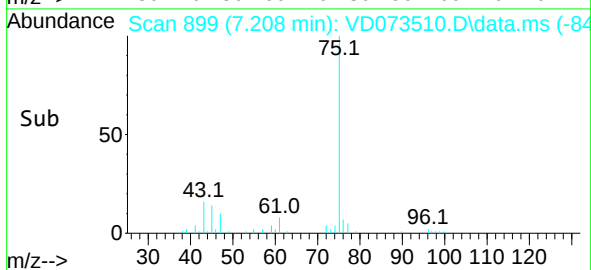
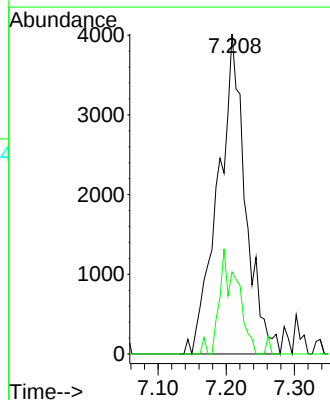
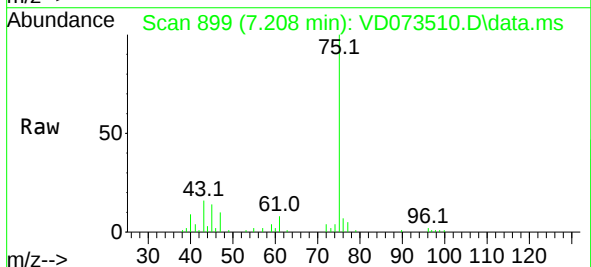
Acq: 09 Jun 2022 15:22

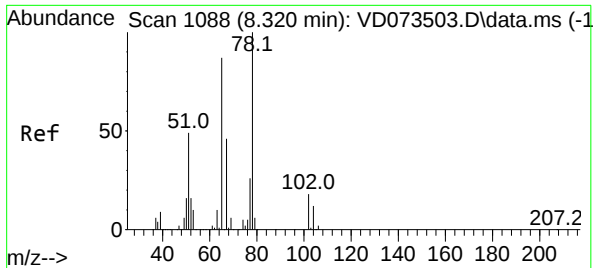
Tgt Ion: 43 Resp: 11315

Ion Ratio Lower Upper

43 100

72 25.7 18.6 27.8

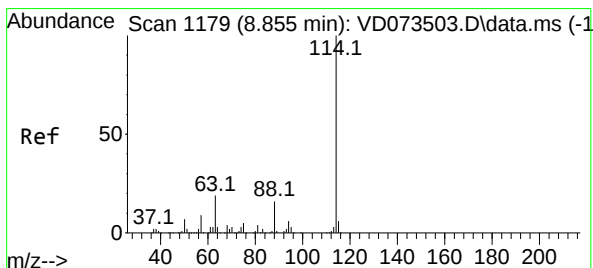
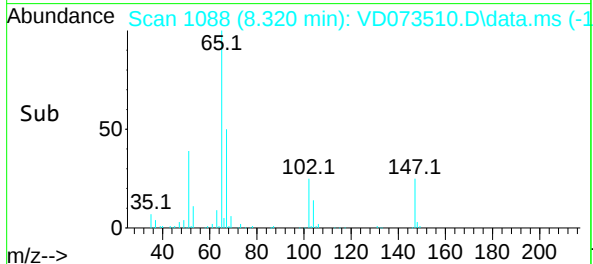
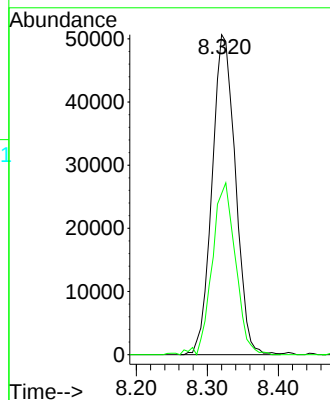
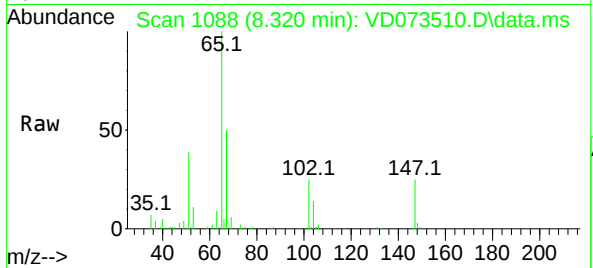




#33
1,2-Dichloroethane-d4
Concen: 53.919 ug/l
RT: 8.320 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD073510.D
Acq: 09 Jun 2022 15:22

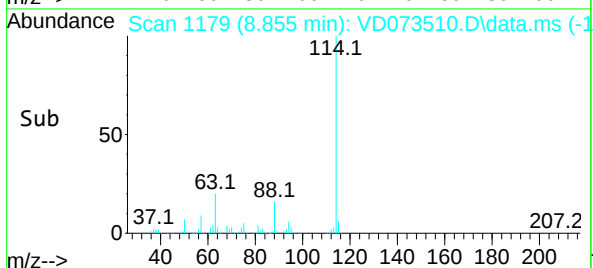
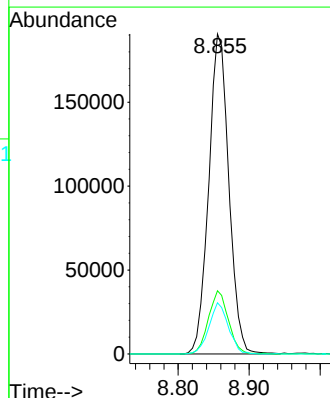
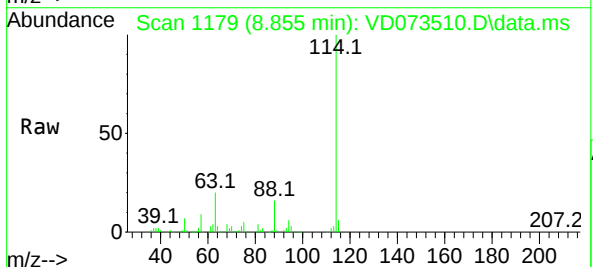
Instrument :
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20220413-COMPOSITE-B

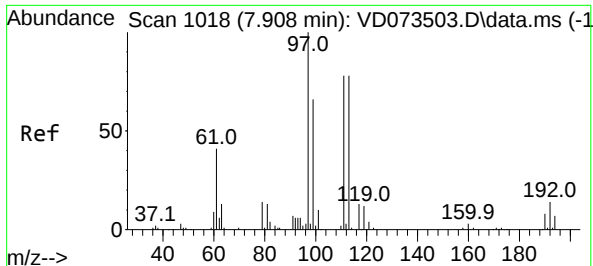
Tgt Ion: 65 Resp: 115669
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073510.D
Acq: 09 Jun 2022 15:22

Tgt Ion: 114 Resp: 376093
Ion Ratio Lower Upper
114 100
63 19.8 0.0 46.6
88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.985 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD073510.D

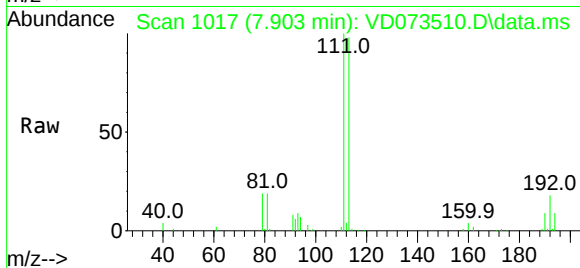
Acq: 09 Jun 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

20220413-COMPOSITE-B



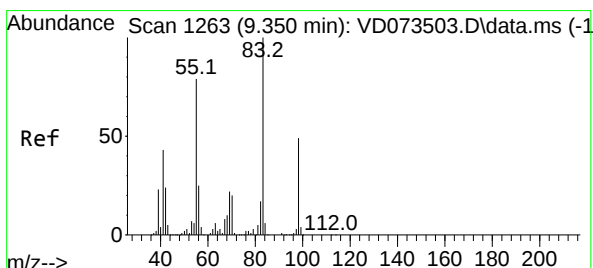
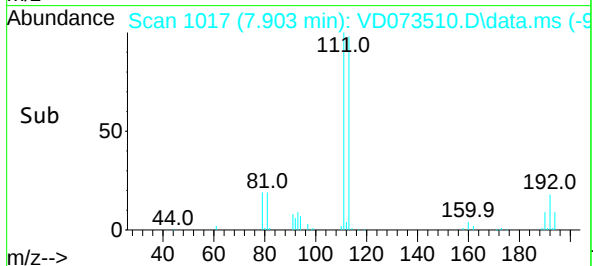
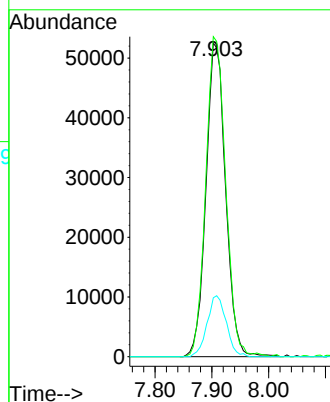
Tgt Ion:113 Resp: 125723

Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 18.9 14.6 21.8



#39

Methylcyclohexane

Concen: 1.034 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.005 min

Lab File: VD073510.D

Acq: 09 Jun 2022 15:22

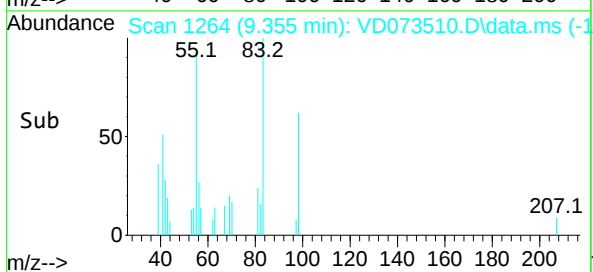
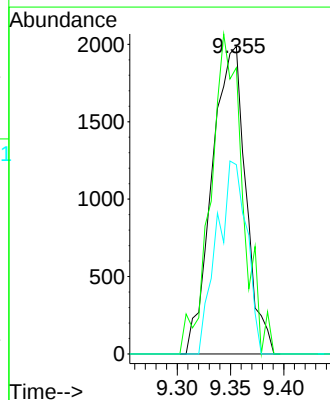
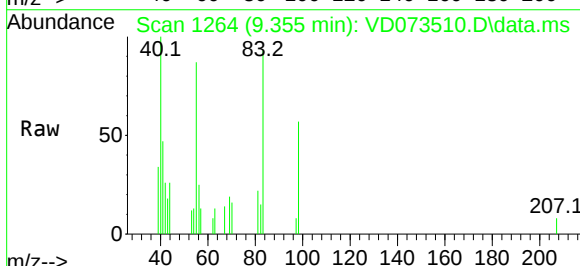
Tgt Ion: 83 Resp: 4376

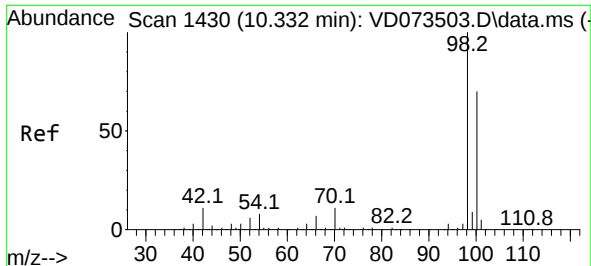
Ion Ratio Lower Upper

83 100

55 93.1 63.2 94.8

98 61.6 38.2 57.4#

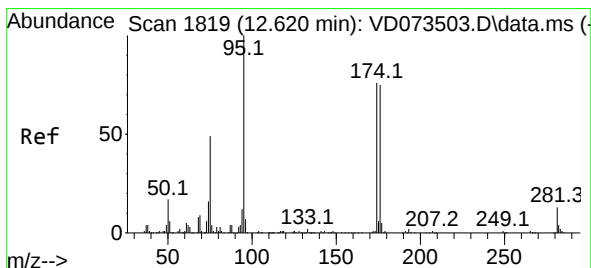
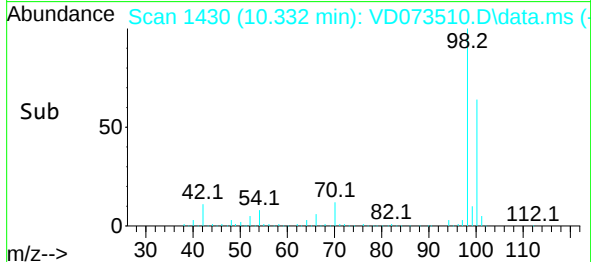
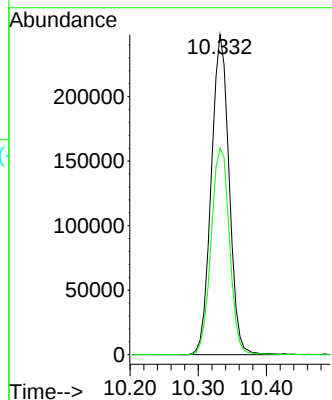
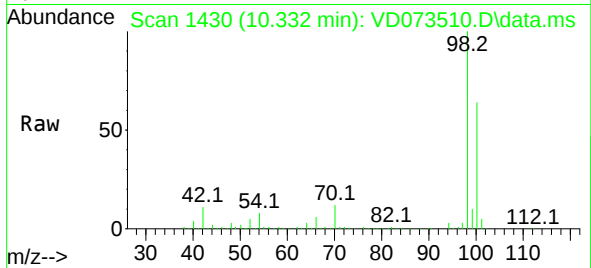




#50
Toluene-d8
Concen: 49.505 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073510.D
Acq: 09 Jun 2022 15:22

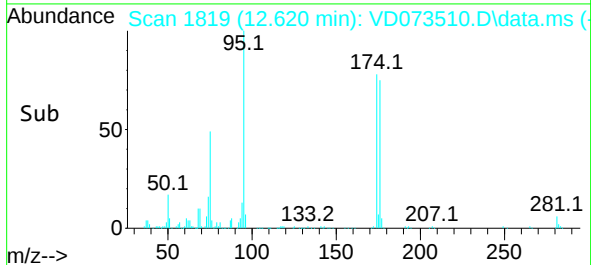
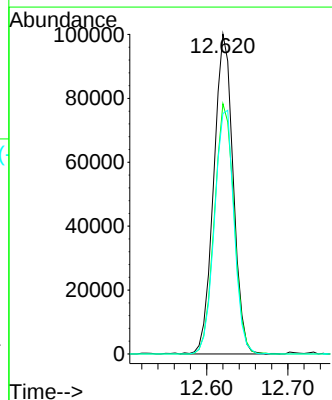
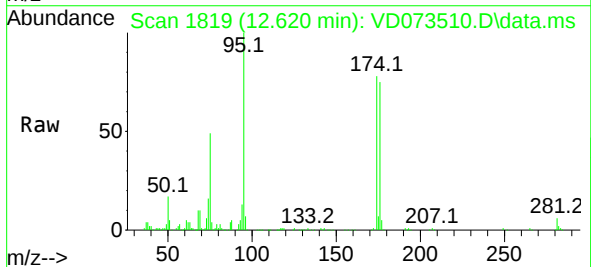
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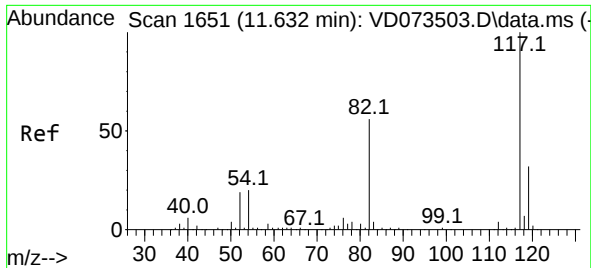
Tgt Ion: 98 Resp: 452661
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.249 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073510.D
Acq: 09 Jun 2022 15:22

Tgt Ion: 95 Resp: 166799
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 76.6 0.0 145.4

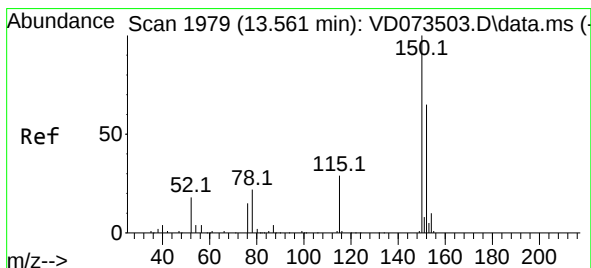
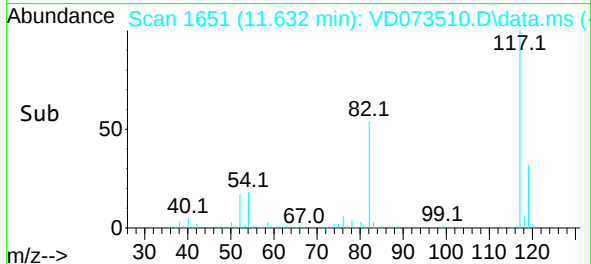
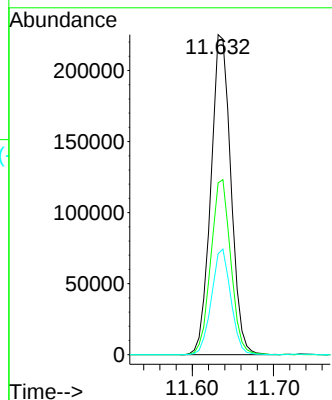
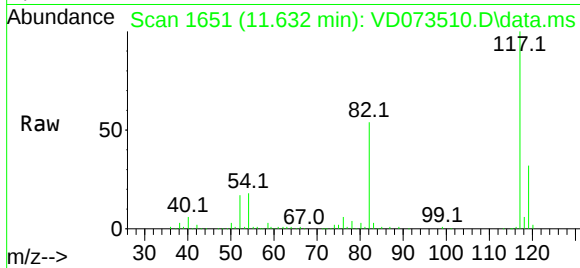




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073510.D
Acq: 09 Jun 2022 15:22

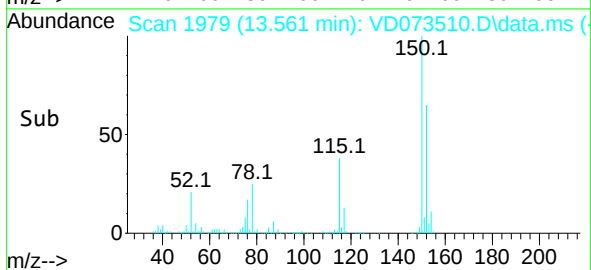
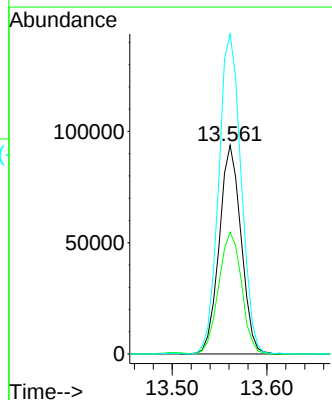
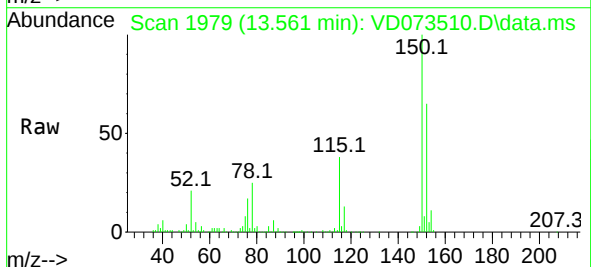
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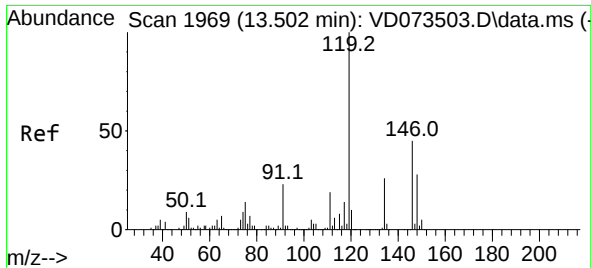
Tgt Ion:117 Resp: 385884
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 31.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073510.D
Acq: 09 Jun 2022 15:22

Tgt Ion:152 Resp: 150514
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 157.3 0.0 348.6





#86
 p-Isopropyltoluene
 Concen: 1.272 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073510.D
 Acq: 09 Jun 2022 15:22

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:	119	Resp:	12083
Ion	Ratio	Lower	Upper
119	100		
134	28.0	12.9	38.6
91	32.5	12.1	36.3

