

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073626.D
 Acq On : 16 Jun 2022 19:25
 Operator : VA/SY
 Sample : N3331-02
 Misc : 7.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-220(26-28)

Quant Time: Jun 17 01:07:01 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)

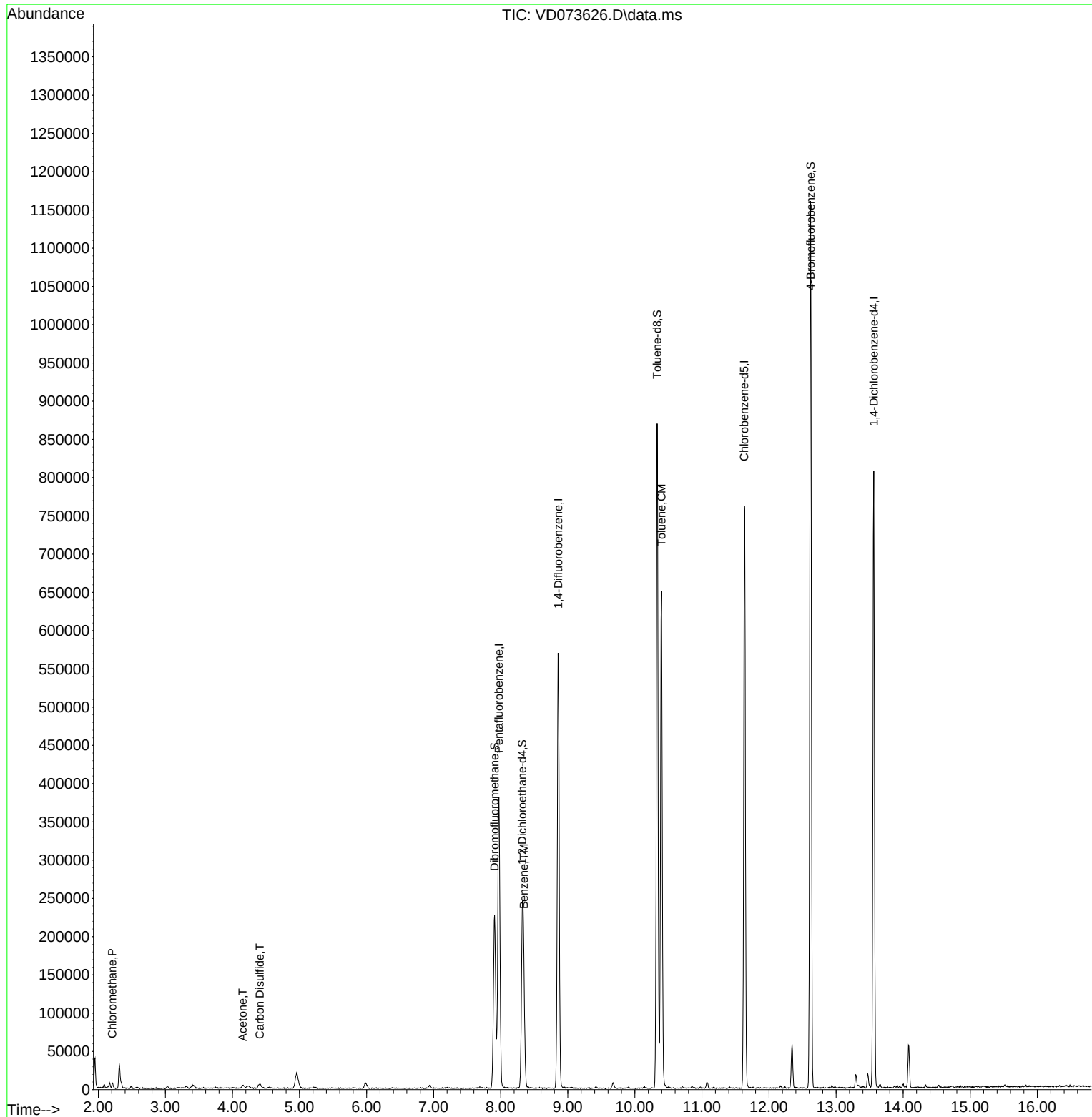
Internal Standards						
1) Pentafluorobenzene	7.973	168	276347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	491947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	457374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	212147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	169120	57.028	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.060%			
35) Dibromofluoromethane	7.909	113	162311	51.309	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.620%			
50) Toluene-d8	10.332	98	586105	49.003	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.000%			
62) 4-Bromofluorobenzene	12.620	95	215561	49.646	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.300%			
Target Compounds						Qvalue
3) Chloromethane	2.209	50	5875	2.174	ug/l	94
16) Acetone	4.150	43	7118	13.632	ug/l	99
17) Carbon Disulfide	4.409	76	12288	1.438	ug/l	98
40) Benzene	8.344	78	104813	7.584	ug/l	97
52) Toluene	10.397	92	289358	32.645	ug/l	98

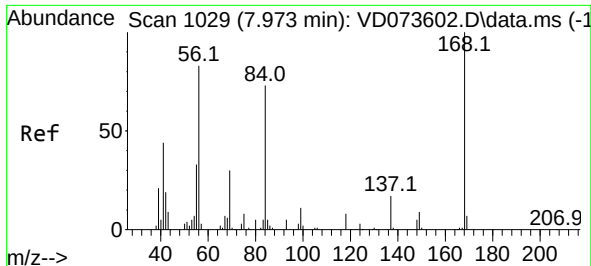
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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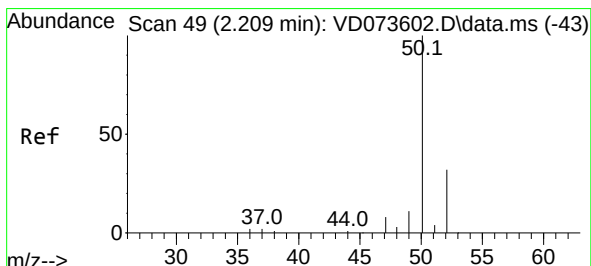
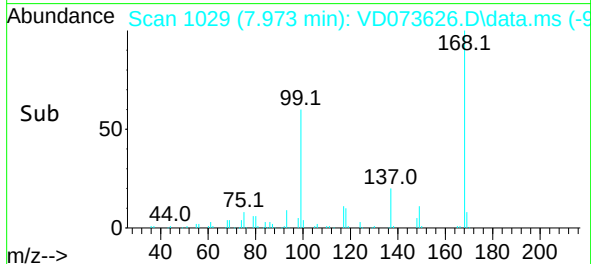
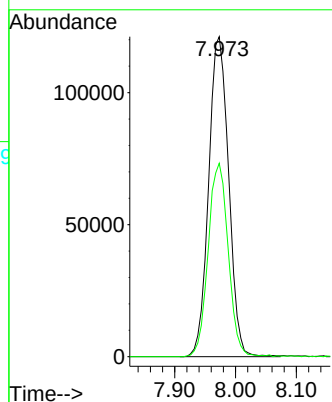
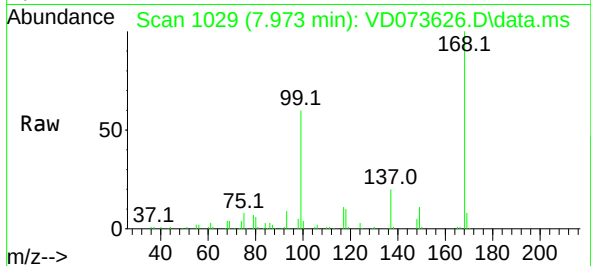




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073626.D
Acq: 16 Jun 2022 19:25

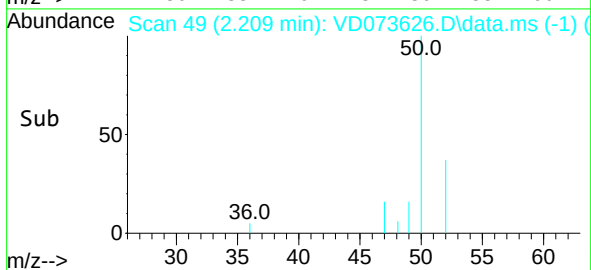
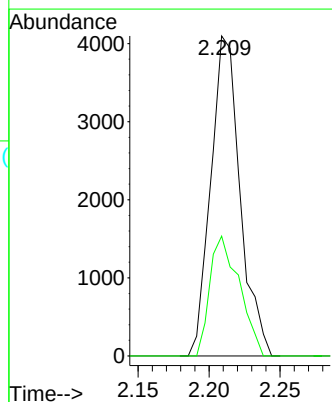
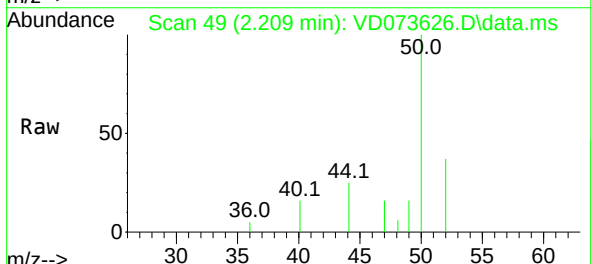
Instrument :
MSVOA_D
ClientSampleId :
B-220(26-28)

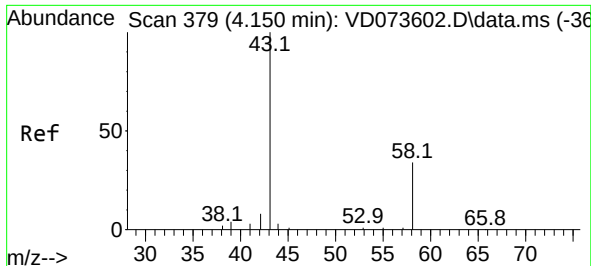
Tgt Ion:168 Resp: 276347
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#3
Chloromethane
Concen: 2.174 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073626.D
Acq: 16 Jun 2022 19:25

Tgt Ion: 50 Resp: 5875
Ion Ratio Lower Upper
50 100
52 37.5 27.4 41.0

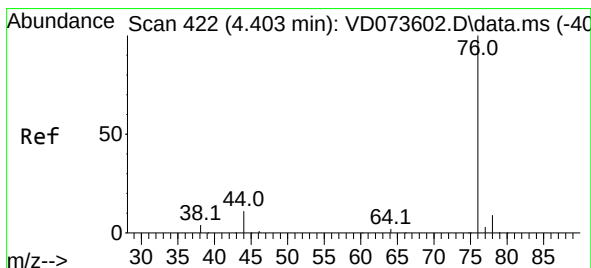
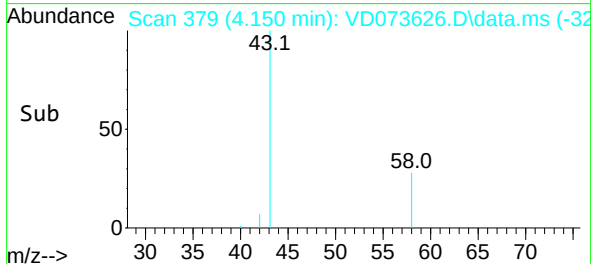
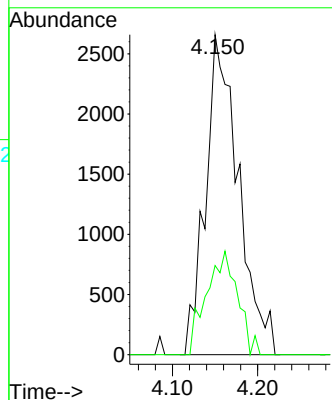
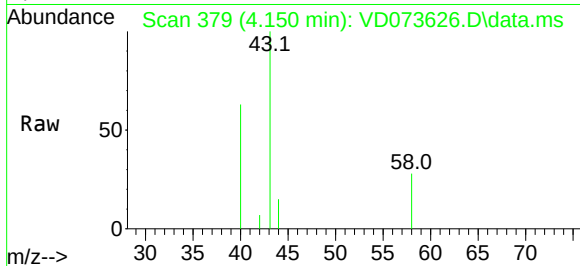




#16
Acetone
Concen: 13.632 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073626.D
Acq: 16 Jun 2022 19:25

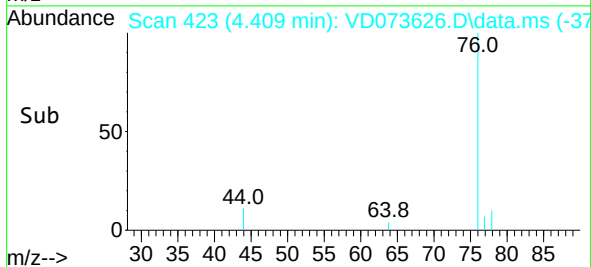
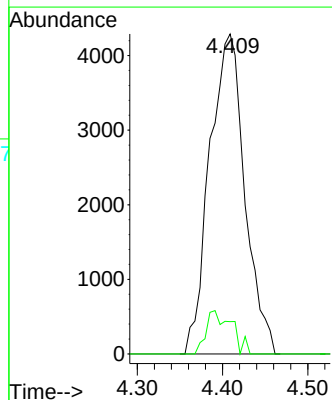
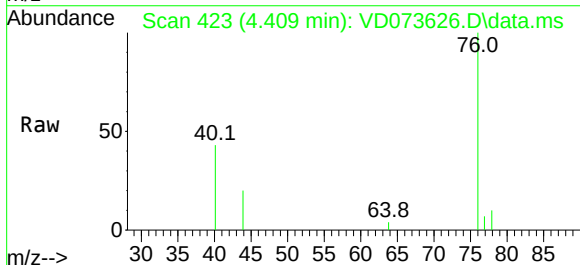
Instrument :
MSVOA_D
ClientSampleId :
B-220(26-28)

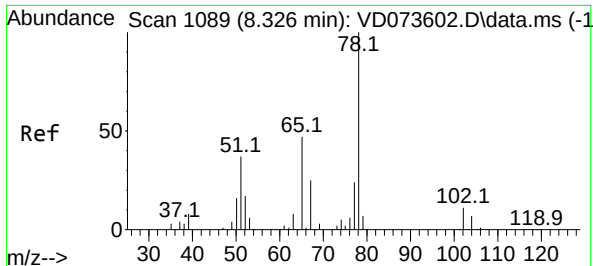
Tgt Ion: 43 Resp: 7118
Ion Ratio Lower Upper
43 100
58 27.9 22.1 33.1



#17
Carbon Disulfide
Concen: 1.438 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.006 min
Lab File: VD073626.D
Acq: 16 Jun 2022 19:25

Tgt Ion: 76 Resp: 12288
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3





#33

1,2-Dichloroethane-d4

Concen: 57.028 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073626.D

Acq: 16 Jun 2022 19:25

Instrument :

MSVOA_D

ClientSampleId :

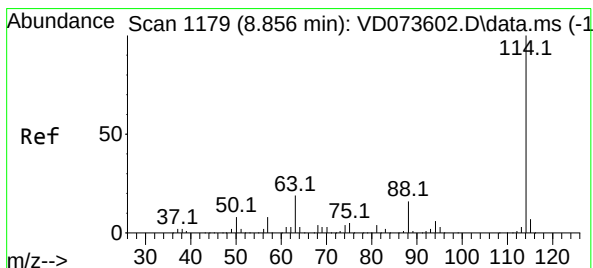
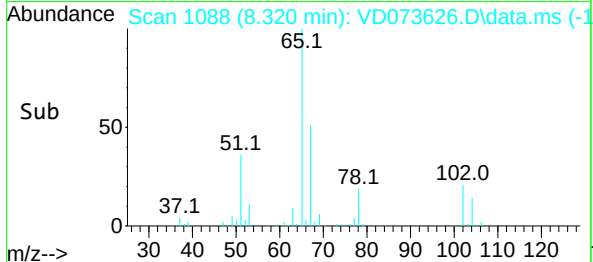
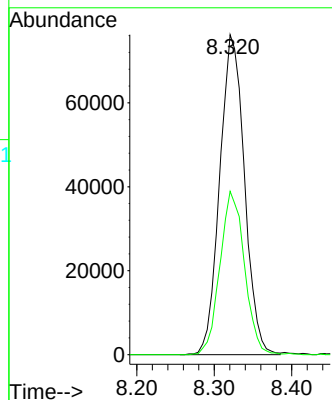
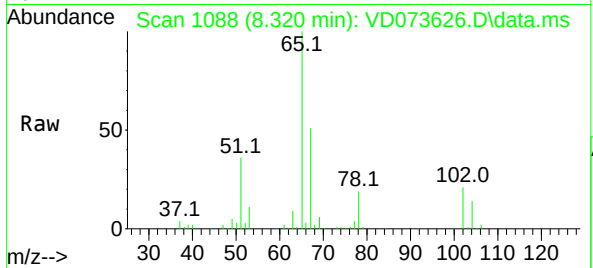
B-220(26-28)

Tgt Ion: 65 Resp: 169120

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073626.D

Acq: 16 Jun 2022 19:25

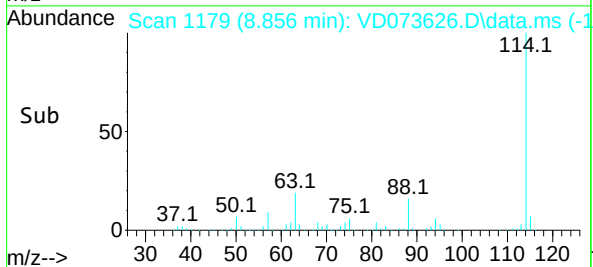
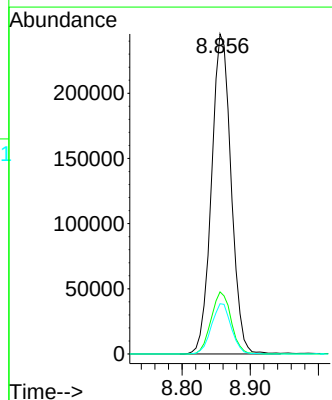
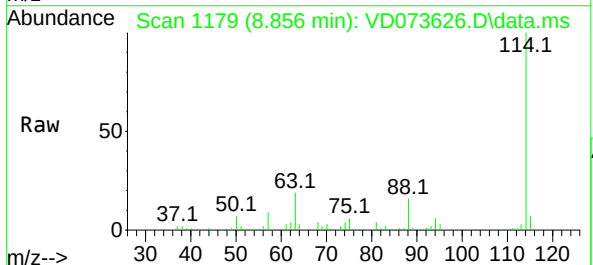
Tgt Ion: 114 Resp: 491947

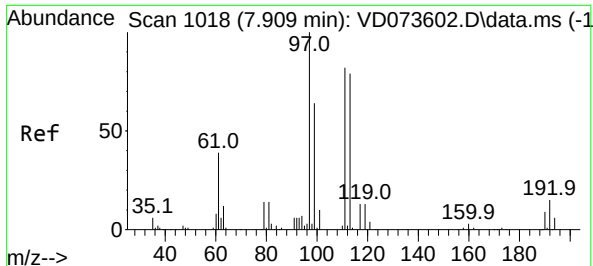
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.309 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073626.D

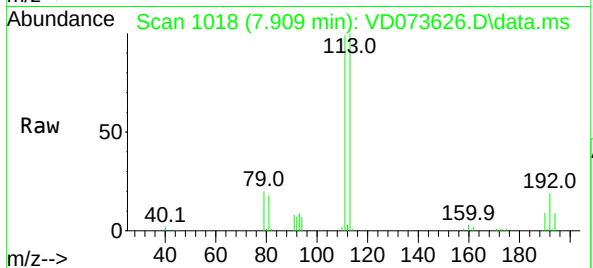
Acq: 16 Jun 2022 19:25

Instrument :

MSVOA_D

ClientSampleId :

B-220(26-28)



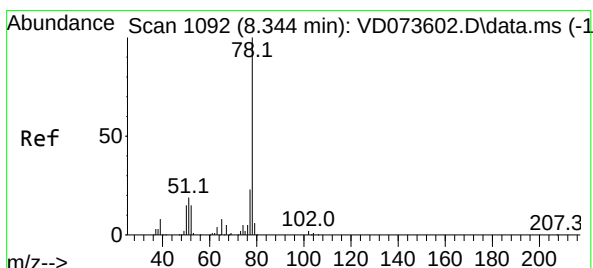
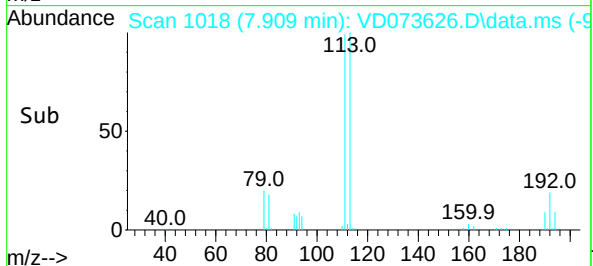
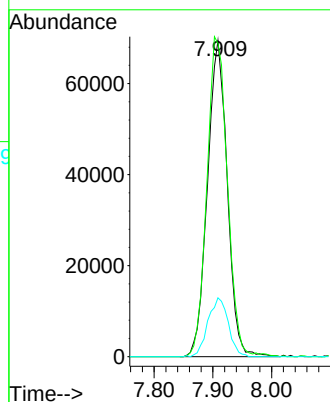
Tgt Ion:113 Resp: 162311

Ion Ratio Lower Upper

113 100

111 104.9 83.8 125.6

192 19.1 14.6 21.8



#40

Benzene

Concen: 7.584 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073626.D

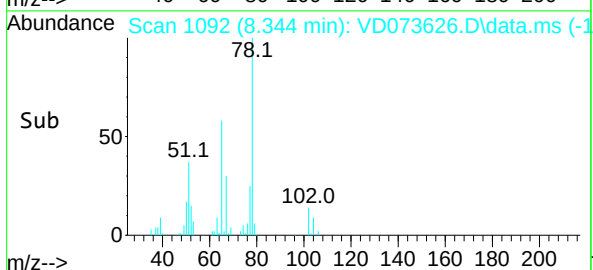
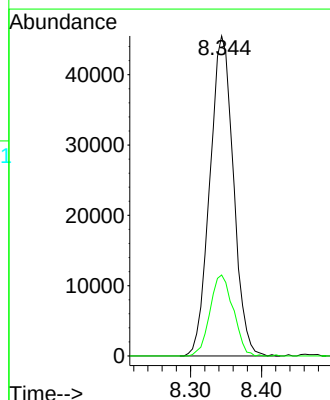
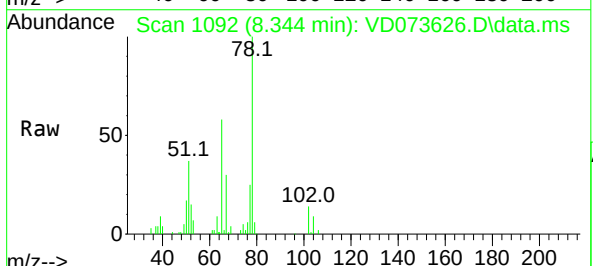
Acq: 16 Jun 2022 19:25

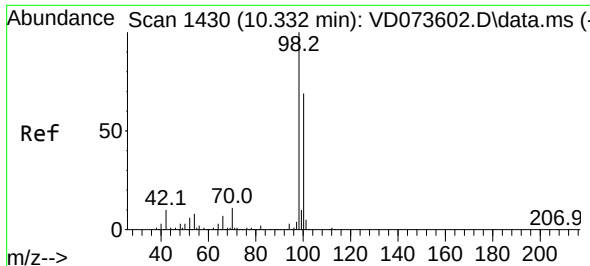
Tgt Ion: 78 Resp: 104813

Ion Ratio Lower Upper

78 100

77 25.3 19.1 28.7

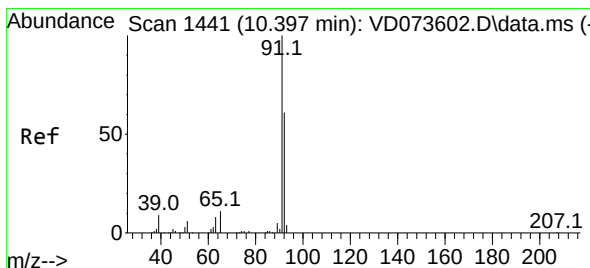
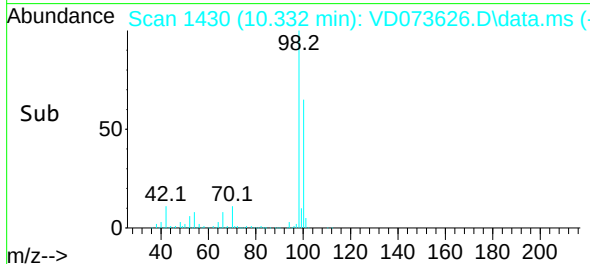
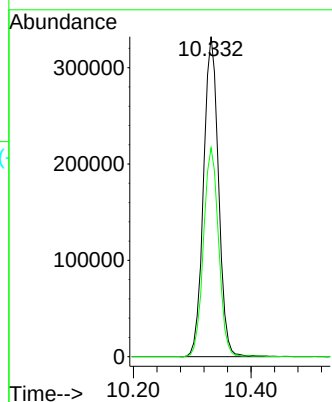
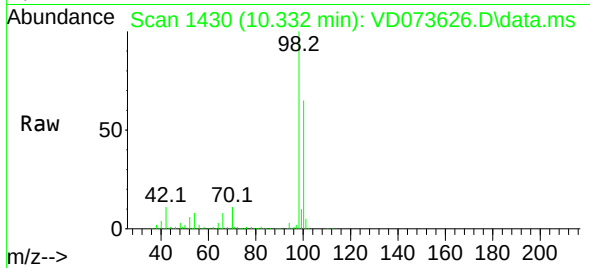




#50
Toluene-d8
Concen: 49.003 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073626.D
Acq: 16 Jun 2022 19:25

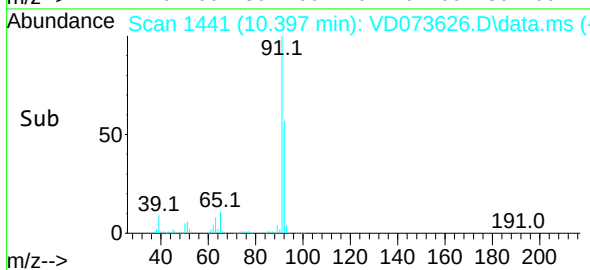
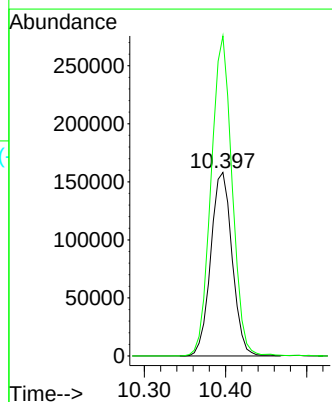
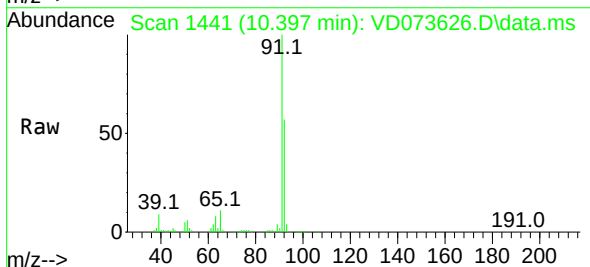
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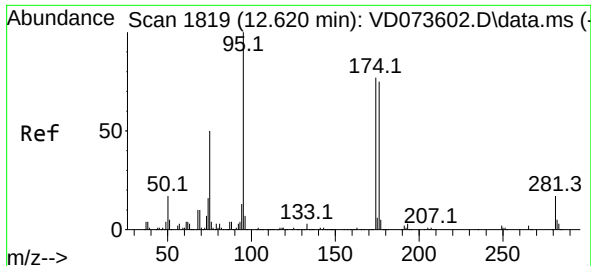
Tgt Ion: 98 Resp: 586105
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#52
Toluene
Concen: 32.645 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073626.D
Acq: 16 Jun 2022 19:25

Tgt Ion: 92 Resp: 289358
Ion Ratio Lower Upper
92 100
91 171.4 139.6 209.4

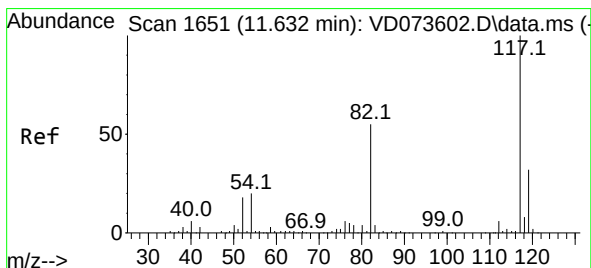
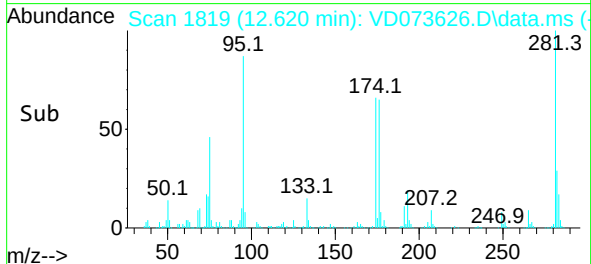
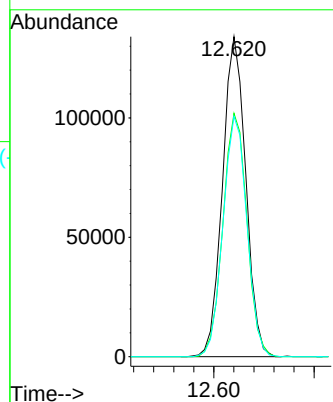
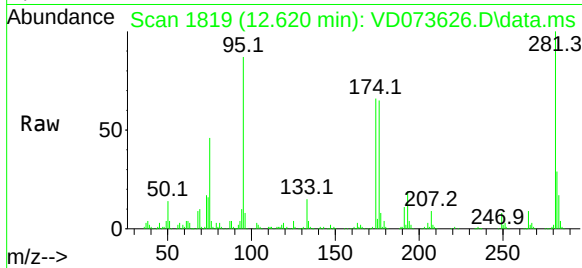




#62
4-Bromofluorobenzene
Concen: 49.646 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073626.D
Acq: 16 Jun 2022 19:25

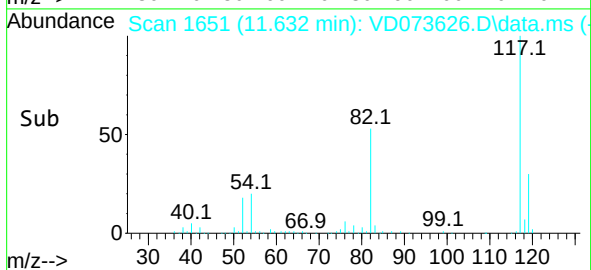
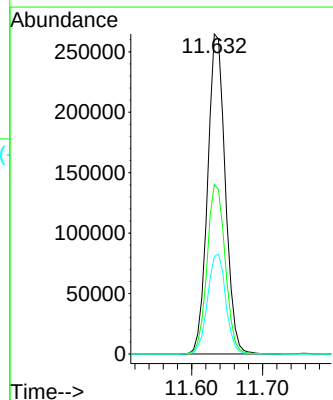
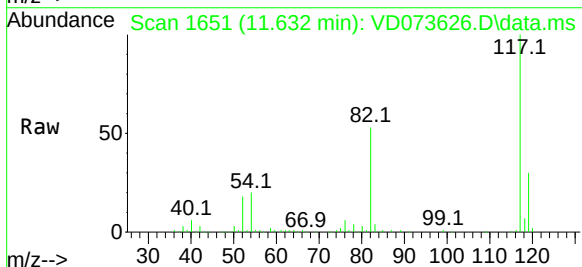
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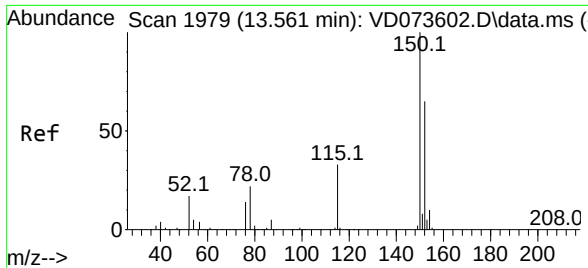
Tgt Ion: 95 Resp: 215561
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 77.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073626.D
Acq: 16 Jun 2022 19:25

Tgt Ion: 117 Resp: 457374
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 30.5 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: VD073626.D
 Acq: 16 Jun 2022 19:25

Instrument :
 MSVOA_D
 ClientSampleId :
 B-220(26-28)

Tgt Ion:	152	Resp:	212147
Ion	Ratio	Lower	Upper
152	100		
115	59.7	31.3	93.8
150	157.5	0.0	348.6

