

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072438.D
 Acq On : 25 Mar 2022 19:32
 Operator : VA/SY
 Sample : N2095-05
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-5.0-6.0

Quant Time: Mar 26 00:15:36 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)

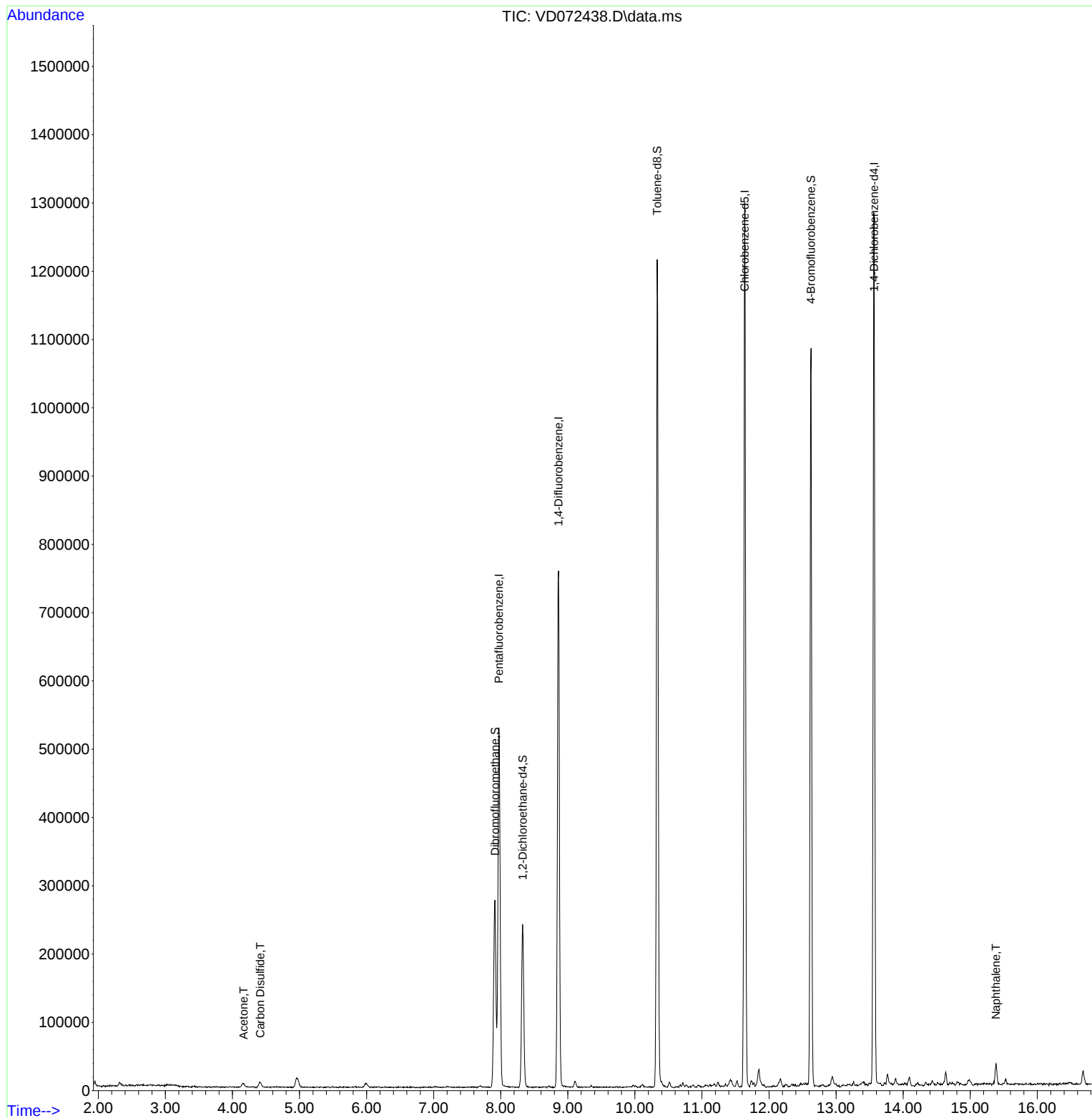
Internal Standards						
1) Pentafluorobenzene	7.973	168	386019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	653041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	727112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	345273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191634	44.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.100%
35) Dibromofluoromethane	7.914	113	199102	43.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.660%
50) Toluene-d8	10.332	98	813264	48.398	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.626	95	362941	55.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.180%
Target Compounds						
					Qvalue	
16) Acetone	4.168	43	10179	10.898	ug/l	92
17) Carbon Disulfide	4.415	76	16214	3.401	ug/l	97
95) Naphthalene	15.385	128	26134	2.035	ug/l #	94

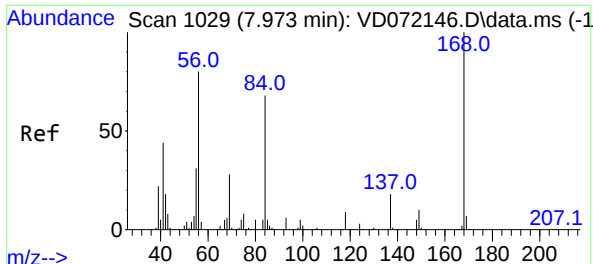
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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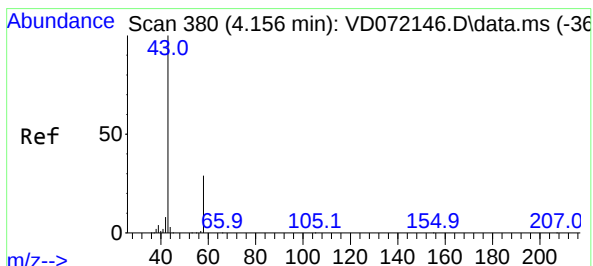
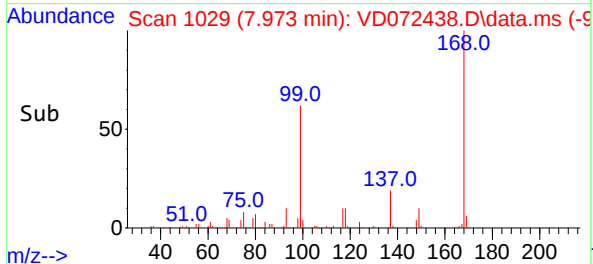
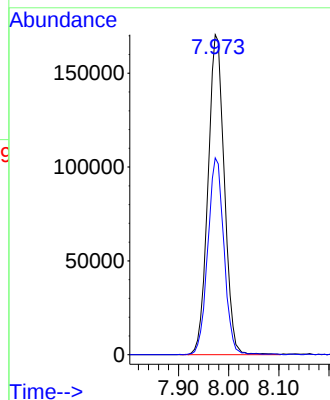
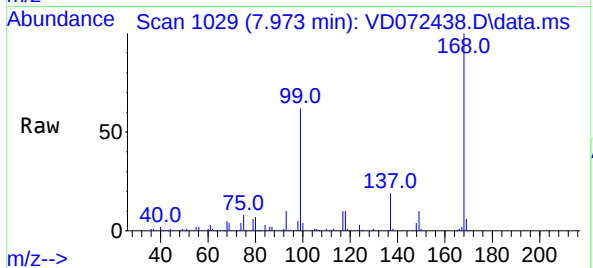




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

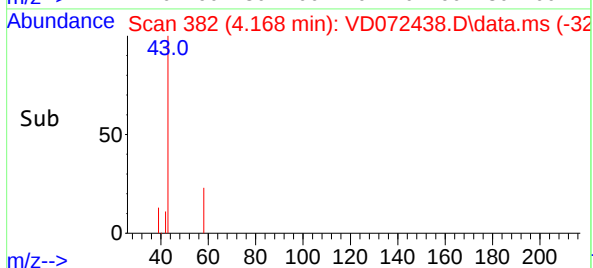
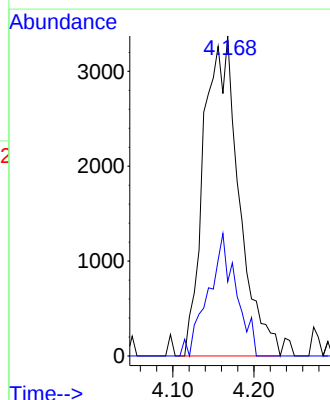
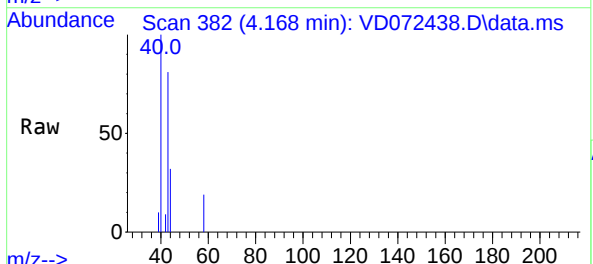
Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-6.0

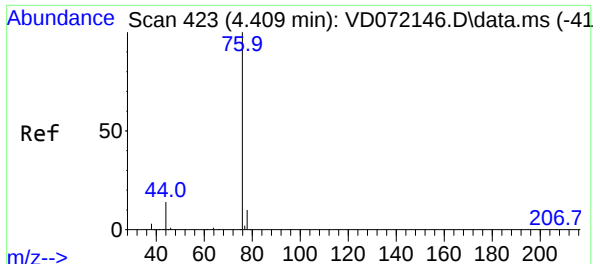
Tgt Ion:168 Resp: 386019
Ion Ratio Lower Upper
168 100
99 61.4 49.8 74.6



#16
Acetone
Concen: 10.898 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Tgt Ion: 43 Resp: 10179
Ion Ratio Lower Upper
43 100
58 23.2 22.1 33.1

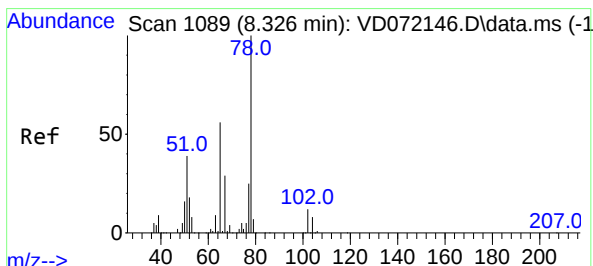
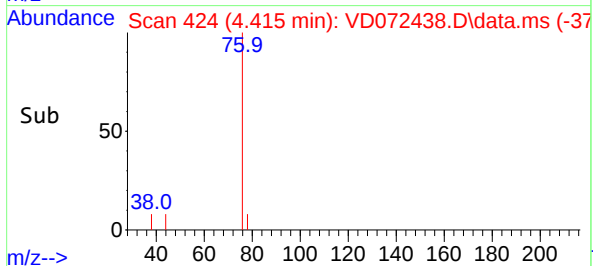
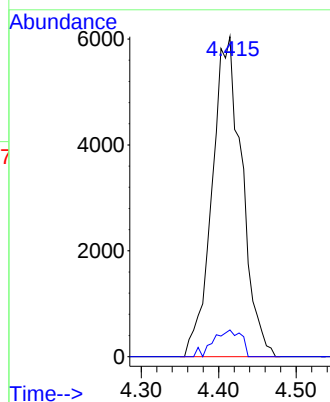
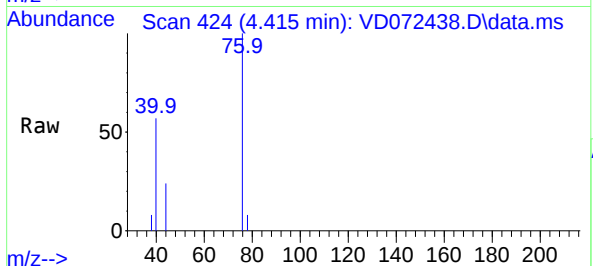




#17
Carbon Disulfide
Concen: 3.401 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

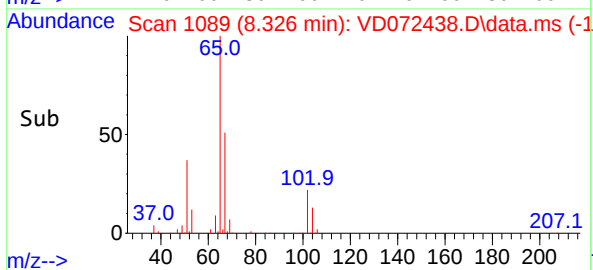
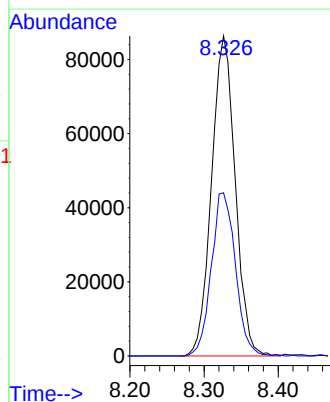
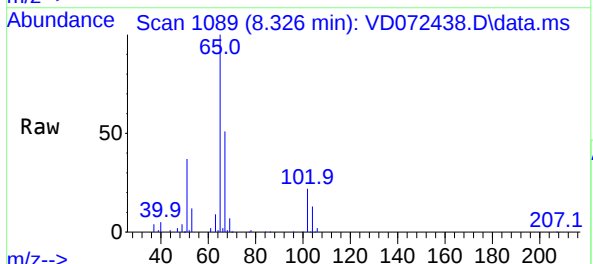
Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-6.0

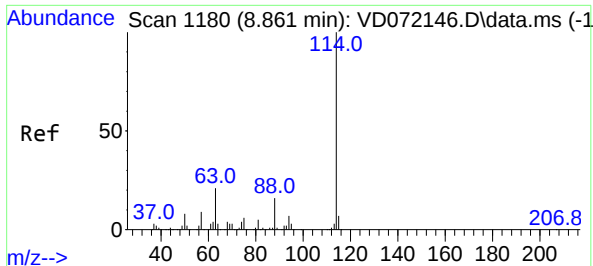
Tgt Ion: 76 Resp: 16214
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 44.546 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Tgt Ion: 65 Resp: 191634
Ion Ratio Lower Upper
65 100
67 51.9 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: VD072438.D

Acq: 25 Mar 2022 19:32

Instrument :

MSVOA_D

ClientSampleId :

SB-05-5.0-6.0

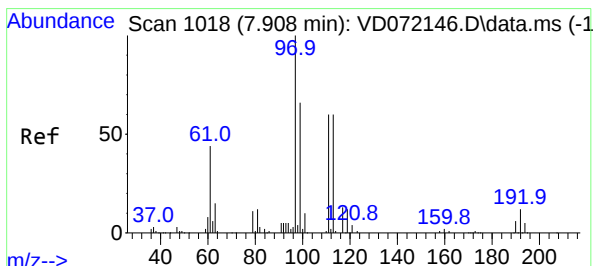
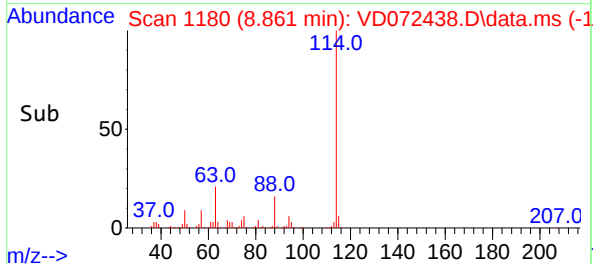
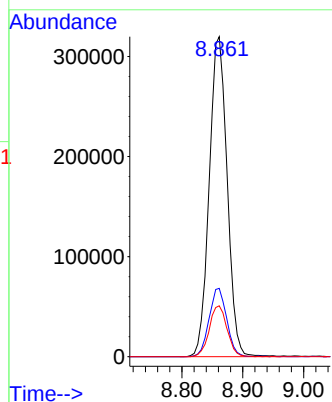
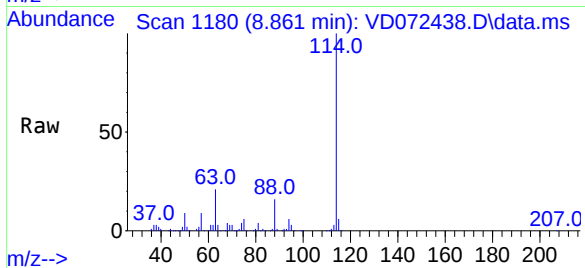
Tgt Ion:114 Resp: 653041

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.325 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072438.D

Acq: 25 Mar 2022 19:32

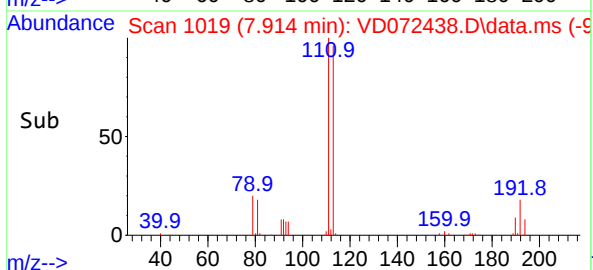
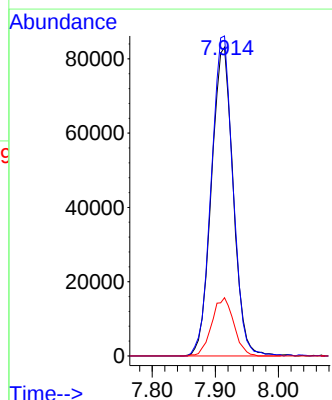
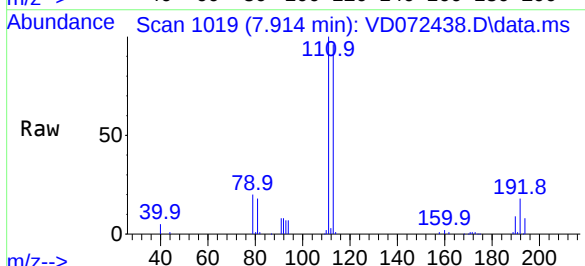
Tgt Ion:113 Resp: 199102

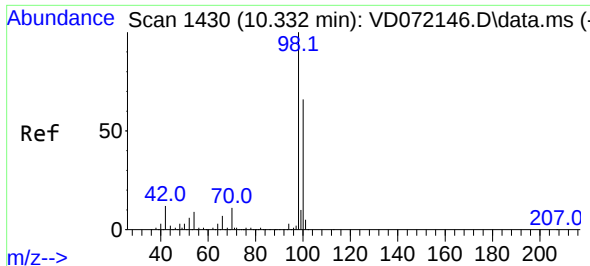
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 19.0 14.6 21.8

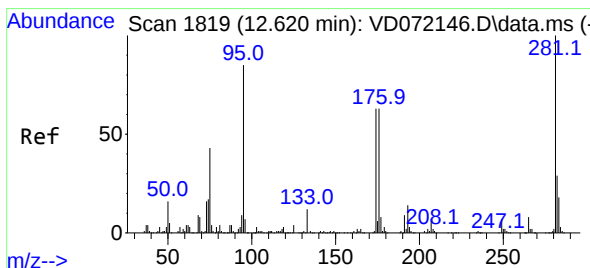
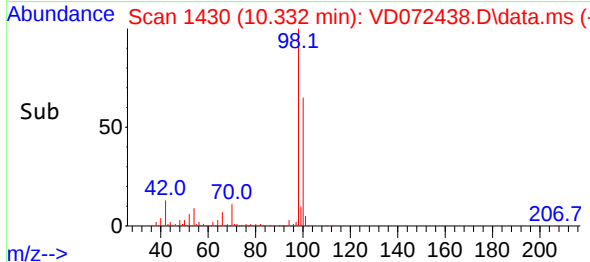
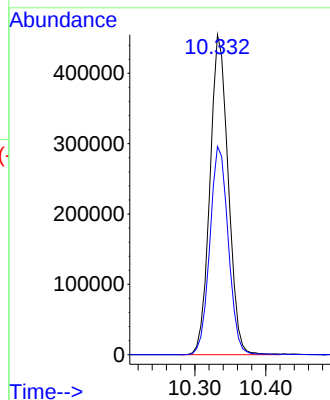
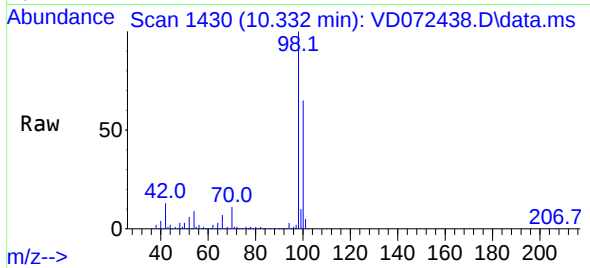




#50
Toluene-d8
Concen: 48.398 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

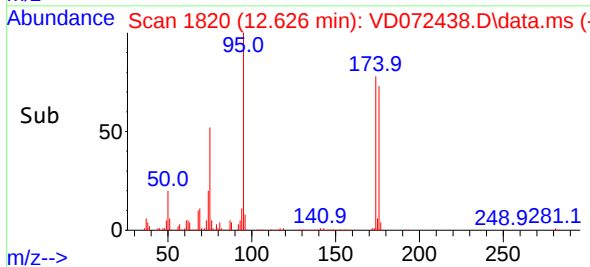
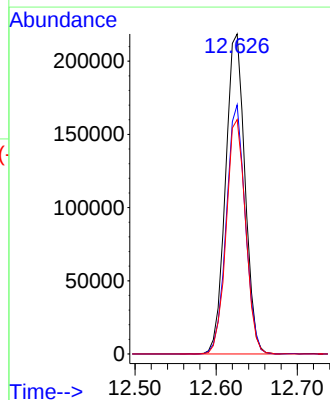
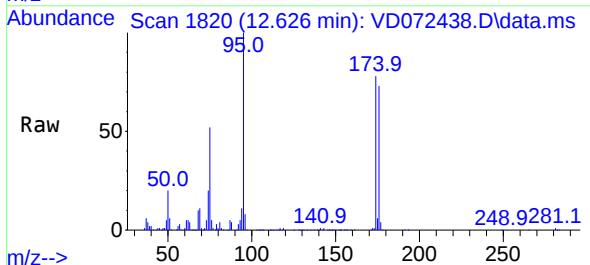
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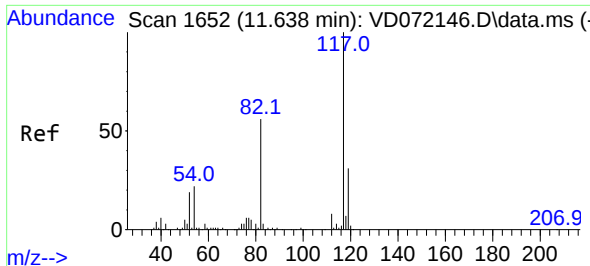
Tgt Ion: 98 Resp: 813264
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.588 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Tgt Ion: 95 Resp: 362941
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 72.9 0.0 145.4

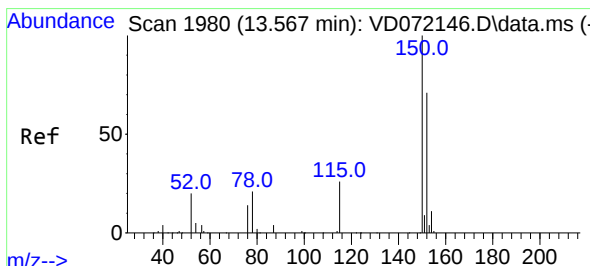
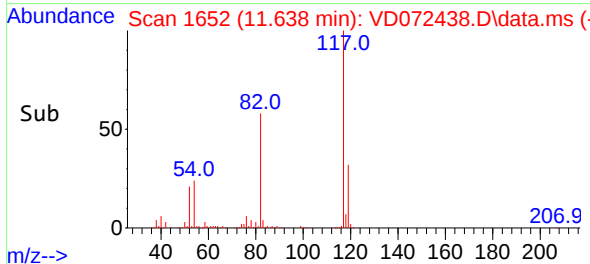
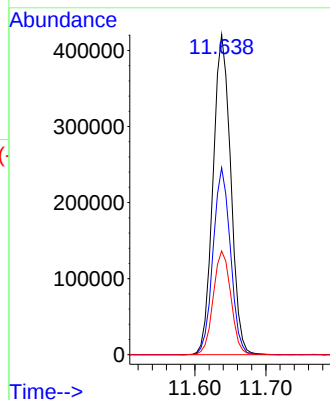
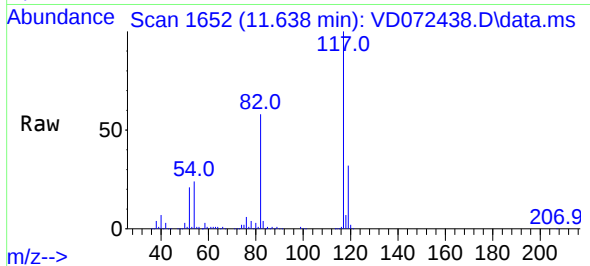




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

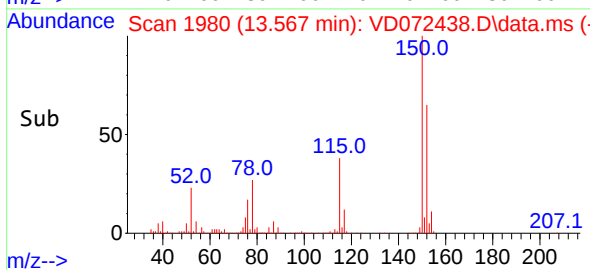
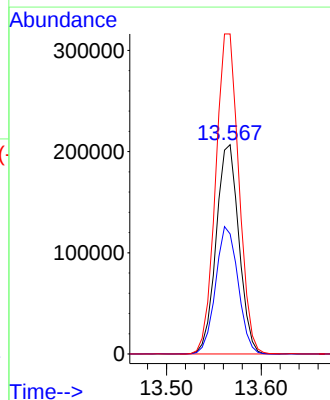
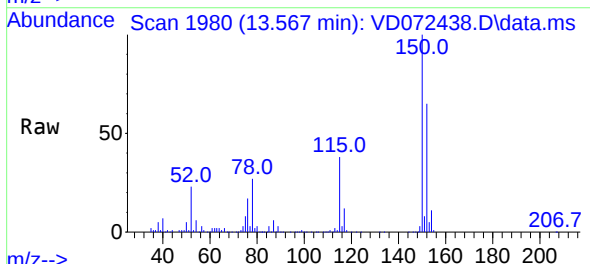
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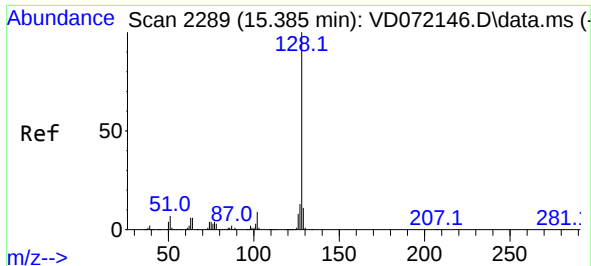
Tgt Ion:117 Resp: 727112
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 32.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

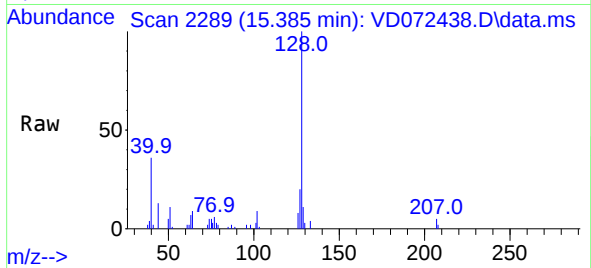
Tgt Ion:152 Resp: 345273
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 155.6 0.0 348.6





#95
Naphthalene
Concen: 2.035 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072438.D
Acq: 25 Mar 2022 19:32

Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-6.0



Tgt Ion:	128	Resp:	26134
Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.3	15.5#
129	12.4	8.4	12.6

