

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072248.D
 Acq On : 17 Mar 2022 17:01
 Operator : VA/SY
 Sample : N2007-03
 Misc : 4.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP3

Quant Time: Mar 18 04:31:26 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)

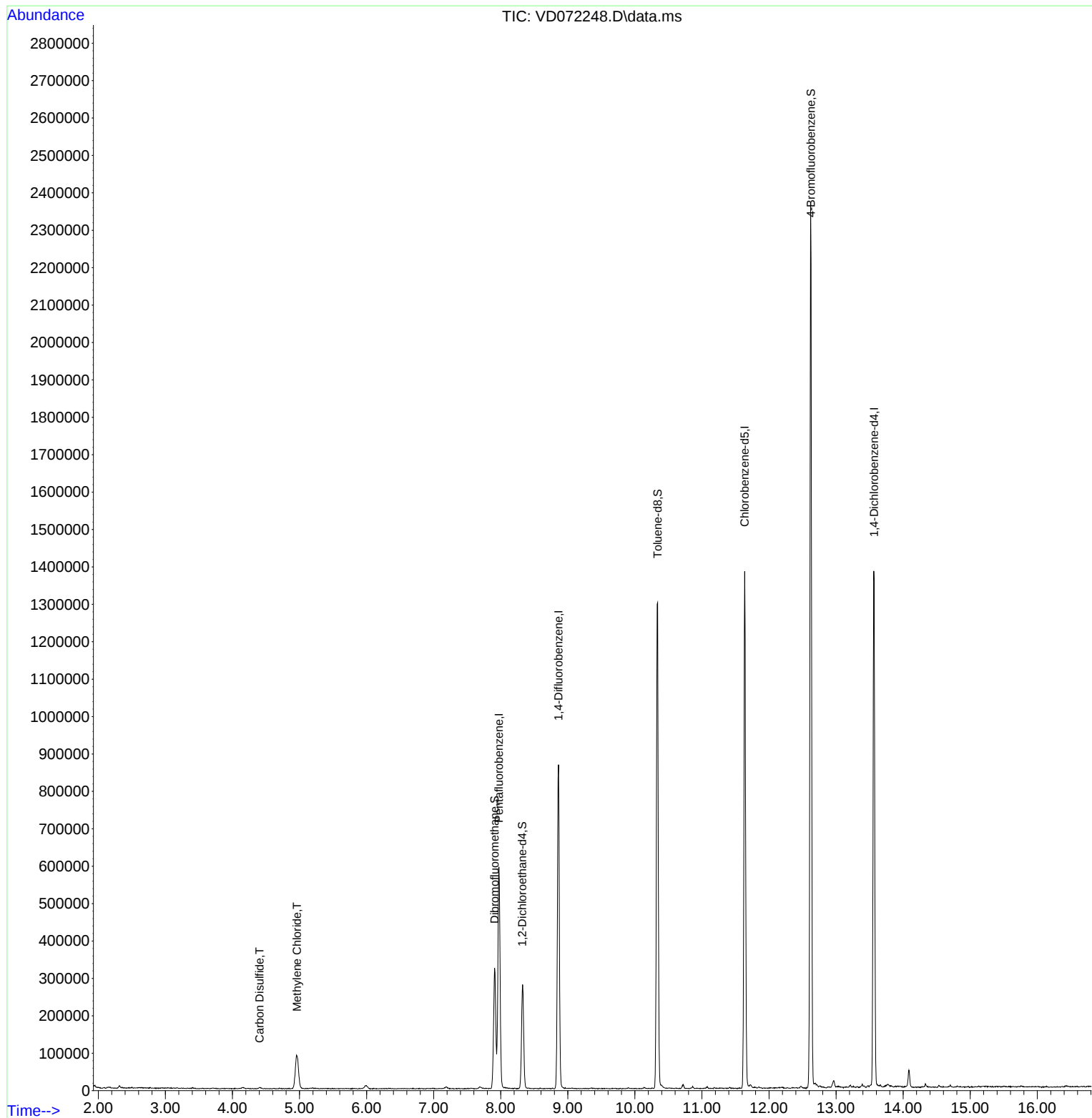
Internal Standards						
1) Pentafluorobenzene	7.973	168	438048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	728914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	777683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	372160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	224121	45.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.820%
35) Dibromofluoromethane	7.909	113	227177	44.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.580%
50) Toluene-d8	10.338	98	908539	48.440	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.626	95	402922	55.288	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.580%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.403	76	6291	2.150	ug/l	100
20) Methylene Chloride	4.962	84	72670	8.522	ug/l	92

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

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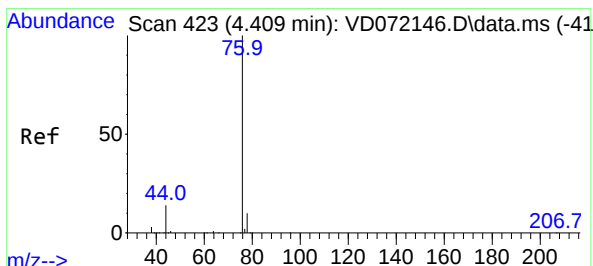
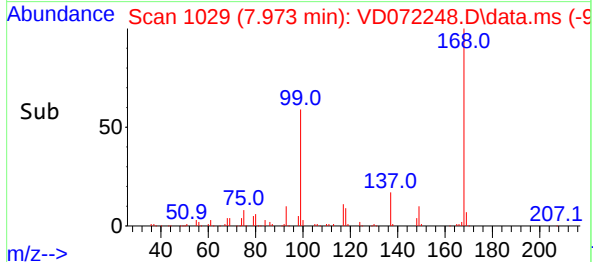
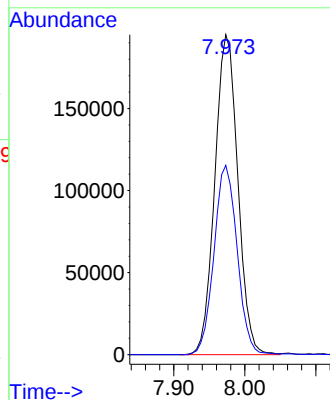
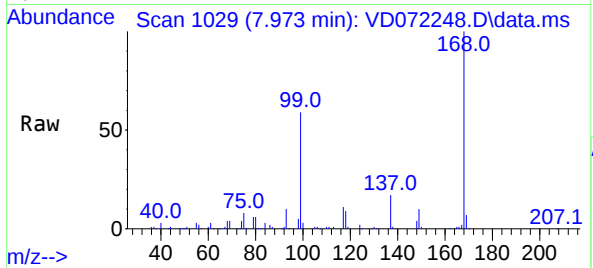




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072248.D
Acq: 17 Mar 2022 17:01

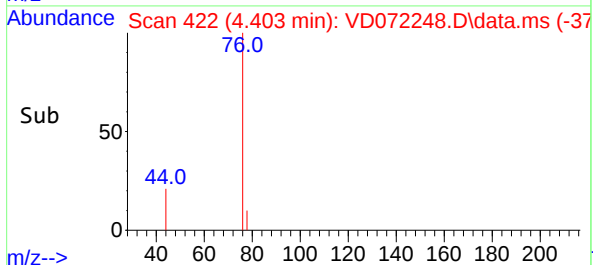
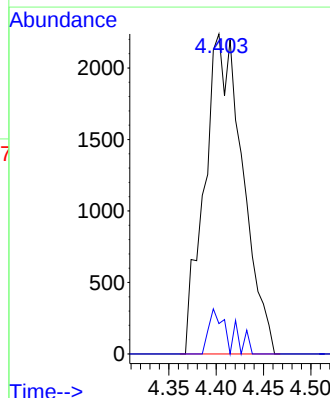
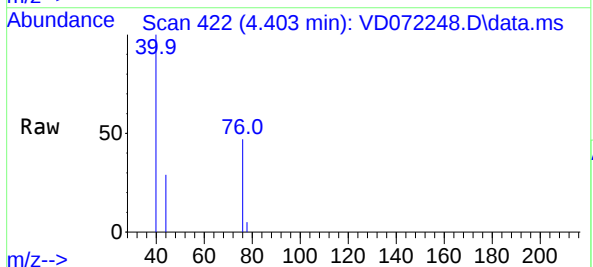
Instrument :
MSVOA_D
ClientSampleId :
SP3

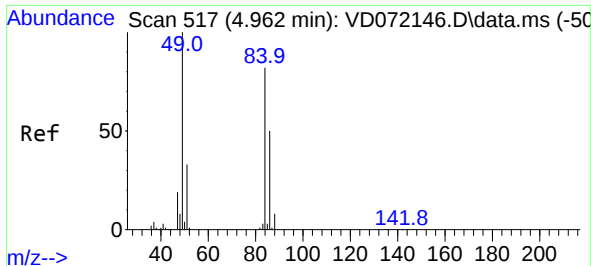
Tgt Ion:168 Resp: 438048
Ion Ratio Lower Upper
168 100
99 59.1 49.8 74.6



#17
Carbon Disulfide
Concen: 2.150 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072248.D
Acq: 17 Mar 2022 17:01

Tgt Ion: 76 Resp: 6291
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

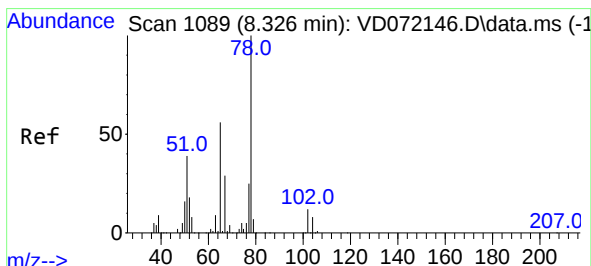
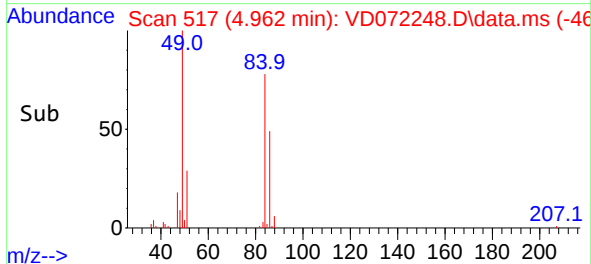
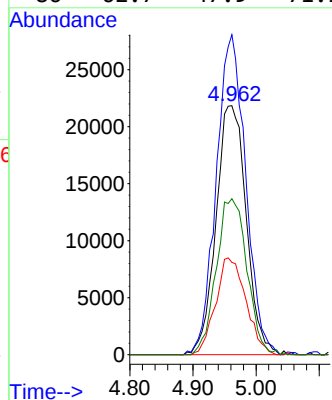
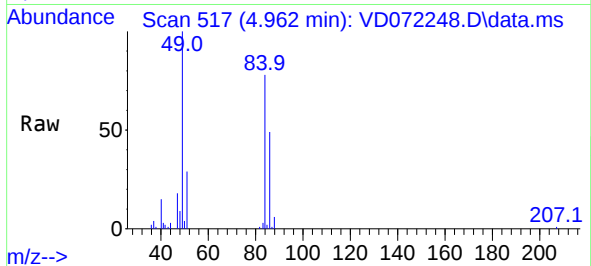




#20
Methylene Chloride
Concen: 8.522 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072248.D
Acq: 17 Mar 2022 17:01

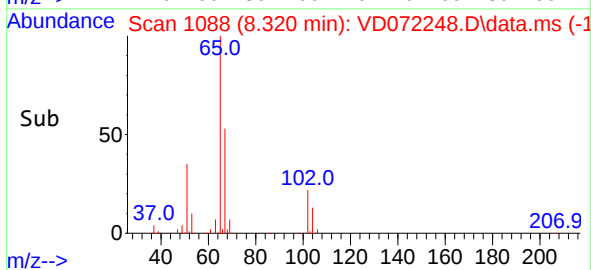
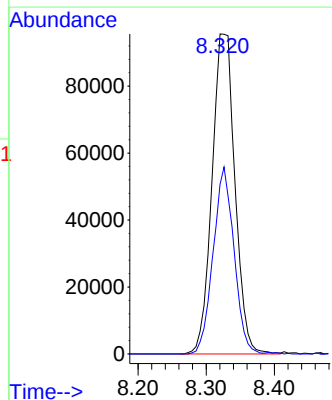
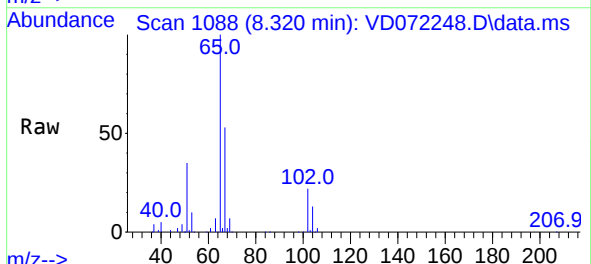
Instrument :
MSVOA_D
ClientSampleId :
SP3

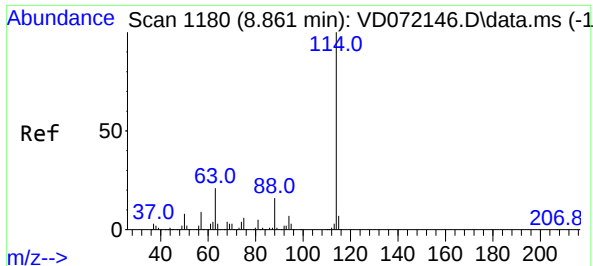
Tgt Ion: 84 Resp: 72670
Ion Ratio Lower Upper
84 100
49 128.5 112.8 169.2
51 37.1 32.6 48.8
86 62.7 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 45.910 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072248.D
Acq: 17 Mar 2022 17:01

Tgt Ion: 65 Resp: 224121
Ion Ratio Lower Upper
65 100
67 53.0 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: VD072248.D

Acq: 17 Mar 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

SP3

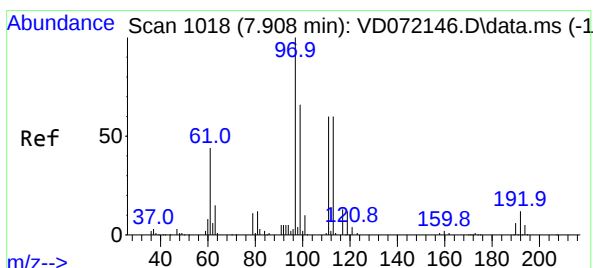
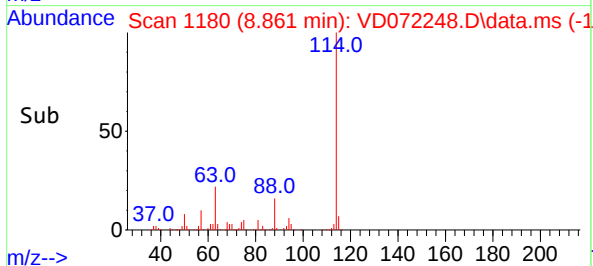
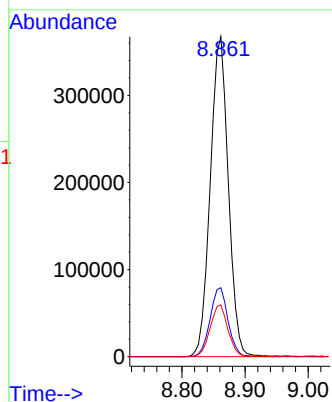
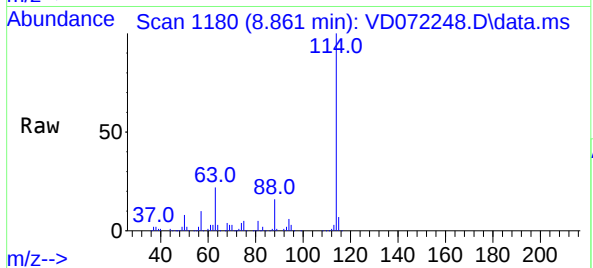
Tgt Ion:114 Resp: 728914

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.289 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072248.D

Acq: 17 Mar 2022 17:01

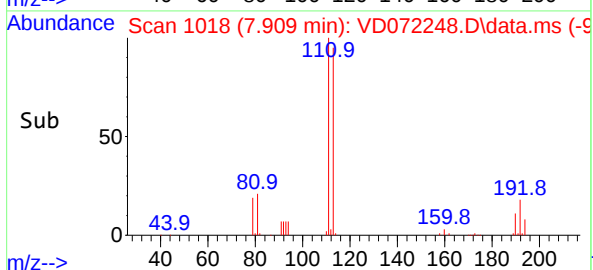
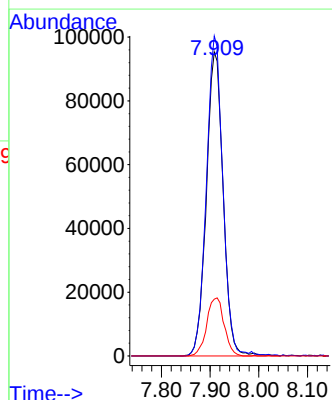
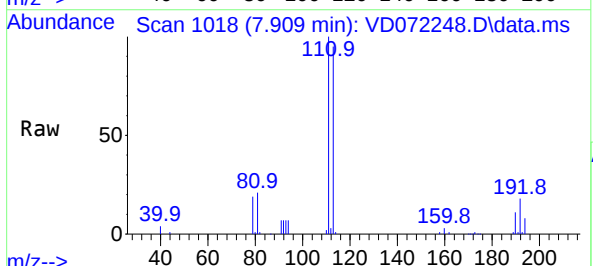
Tgt Ion:113 Resp: 227177

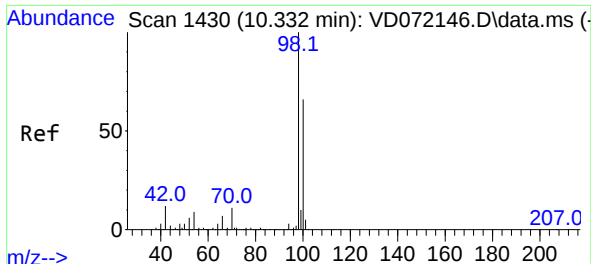
Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 19.8 14.6 21.8

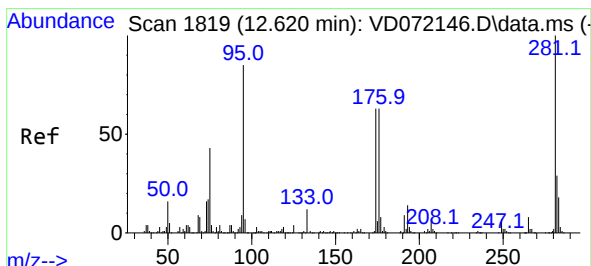
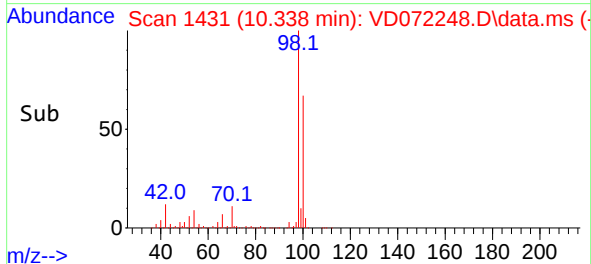
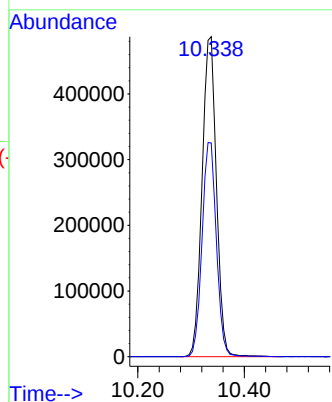
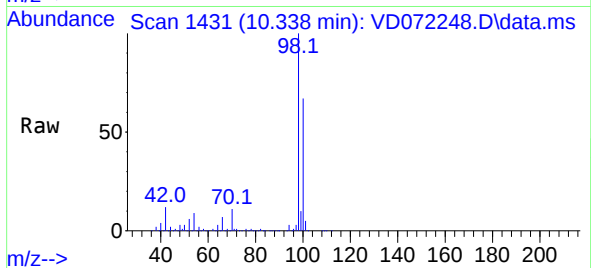




#50
Toluene-d8
Concen: 48.440 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072248.D
Acq: 17 Mar 2022 17:01

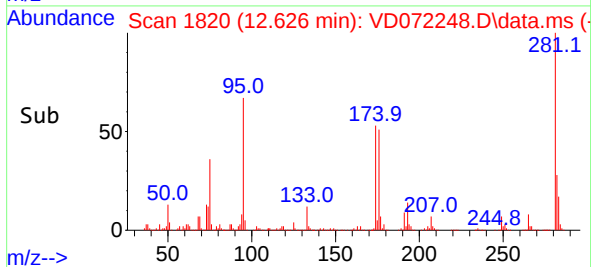
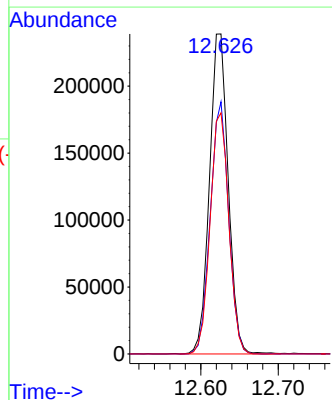
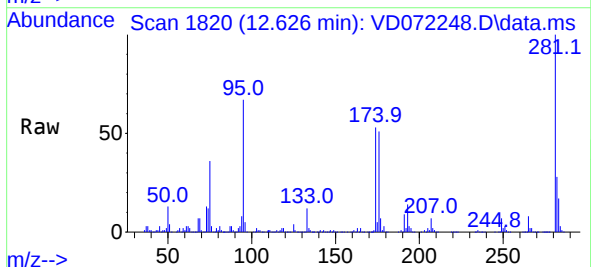
Instrument :
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ClientSampleId :
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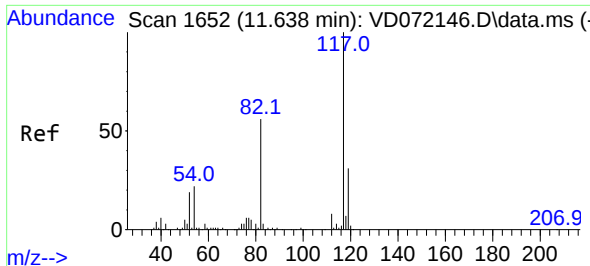
Tgt Ion: 98 Resp: 908539
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.288 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072248.D
Acq: 17 Mar 2022 17:01

Tgt Ion: 95 Resp: 402922
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 75.2 0.0 145.4

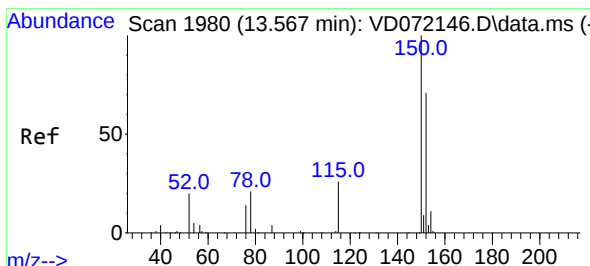
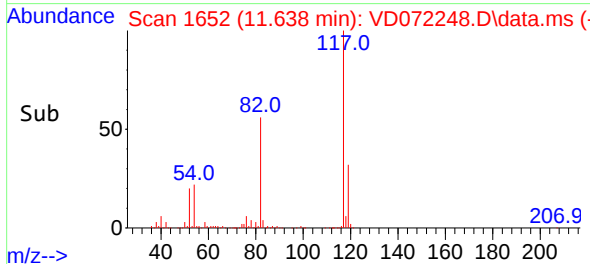
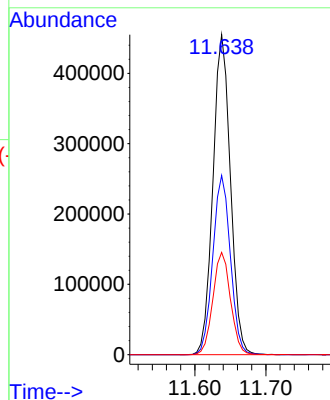
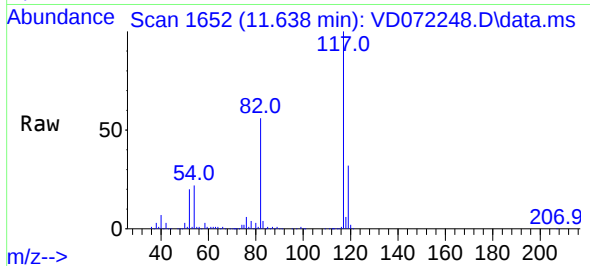




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072248.D
Acq: 17 Mar 2022 17:01

Instrument :
MSVOA_D
ClientSampleId :
SP3

Tgt Ion:117 Resp: 777683
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 31.9 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: VD072248.D
Acq: 17 Mar 2022 17:01

Tgt Ion:152 Resp: 372160
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 156.7 0.0 348.6

