

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072676.D
 Acq On : 21 Apr 2022 17:42
 Operator : VA/SY
 Sample : N2477-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 371

Quant Time: Apr 22 03:42:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

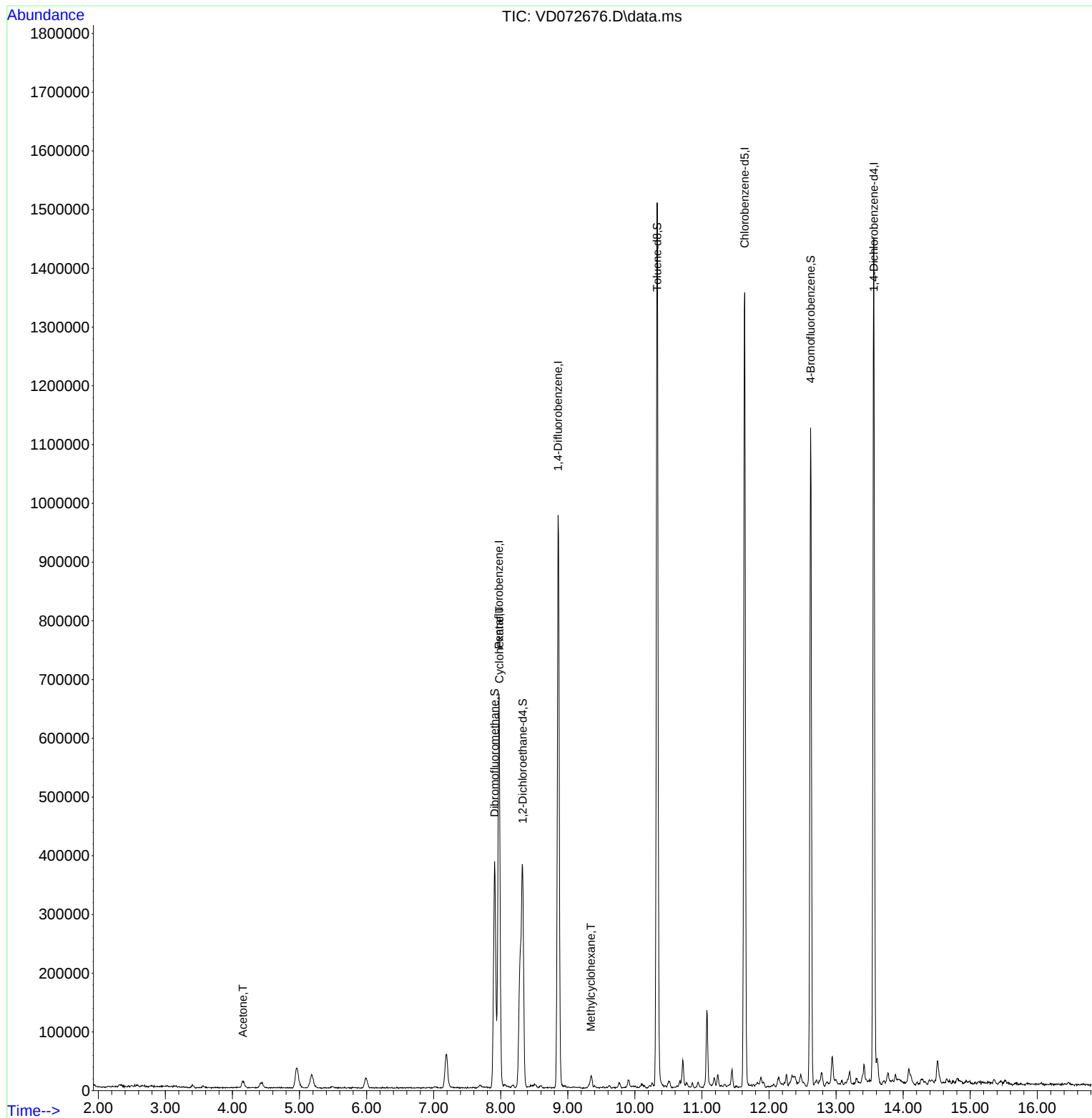
Internal Standards						
1) Pentafluorobenzene	7.973	168	463851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	832519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	805696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	370637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	286161	50.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.000%
35) Dibromofluoromethane	7.909	113	276860	42.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.580%
50) Toluene-d8	10.332	98	1008374	44.837	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.680%
62) 4-Bromofluorobenzene	12.620	95	371397	42.285	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.580%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	21125	20.190	ug/l	97
31) Cyclohexane	7.979	56	11617	1.583	ug/l #	1
39) Methylcyclohexane	9.344	83	7209	3.582	ug/l	88

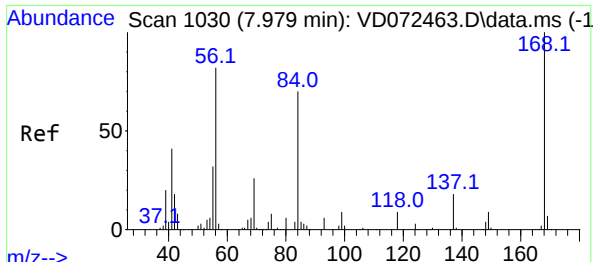
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072676.D

Acq: 21 Apr 2022 17:42

Instrument :

MSVOA_D

ClientSampleId :

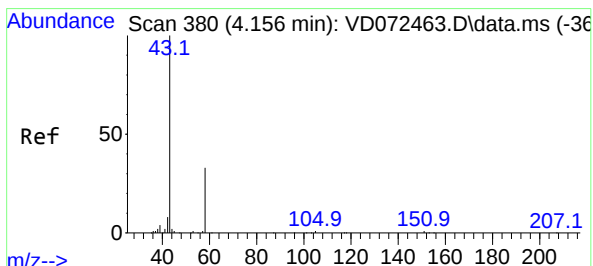
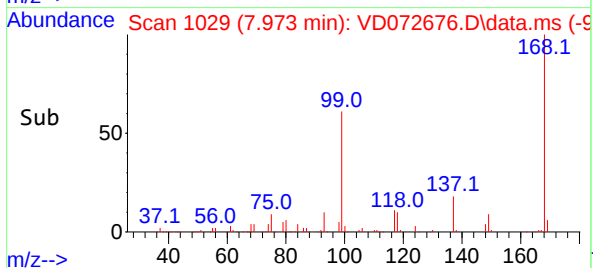
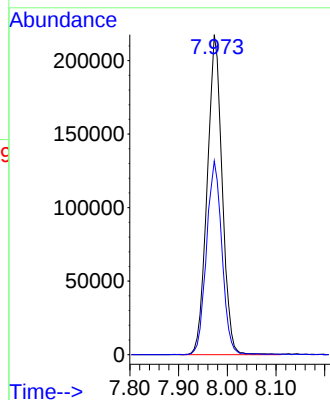
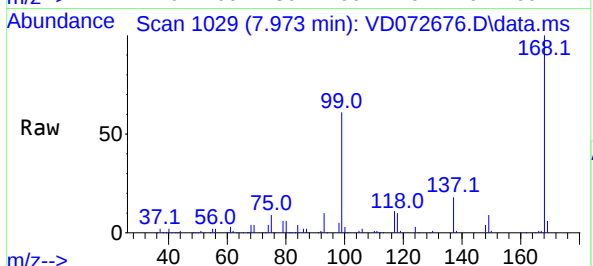
371

Tgt Ion:168 Resp: 463851

Ion Ratio Lower Upper

168 100

99 60.4 49.8 74.6



#16

Acetone

Concen: 20.190 ug/l

RT: 4.156 min Scan# 380

Delta R.T. 0.000 min

Lab File: VD072676.D

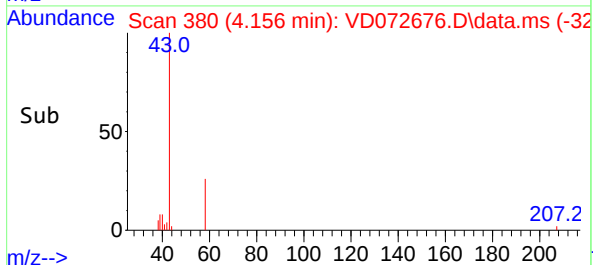
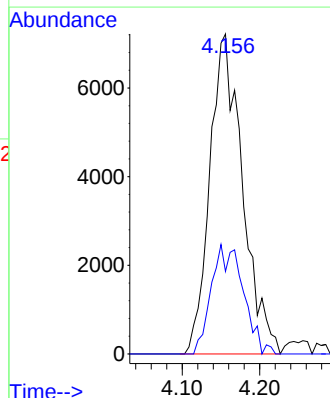
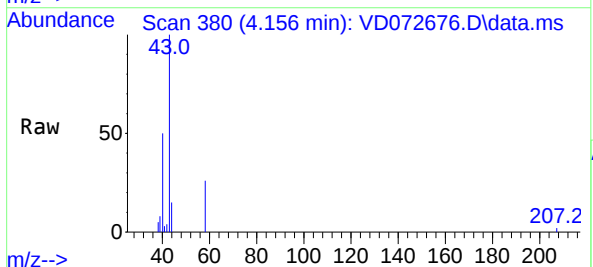
Acq: 21 Apr 2022 17:42

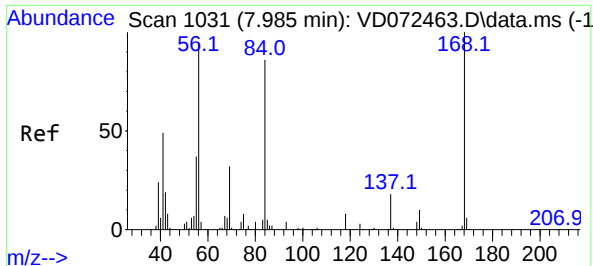
Tgt Ion: 43 Resp: 21125

Ion Ratio Lower Upper

43 100

58 25.8 22.1 33.1





#31

Cyclohexane

Concen: 1.583 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD072676.D

Acq: 21 Apr 2022 17:42

Instrument :

MSVOA_D

ClientSampleId :

371

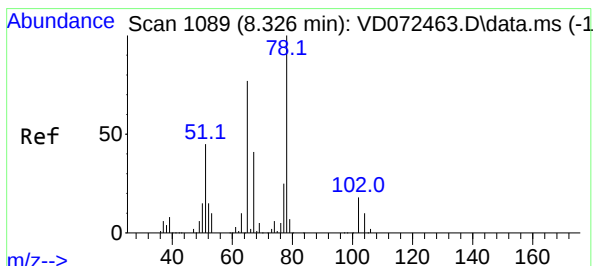
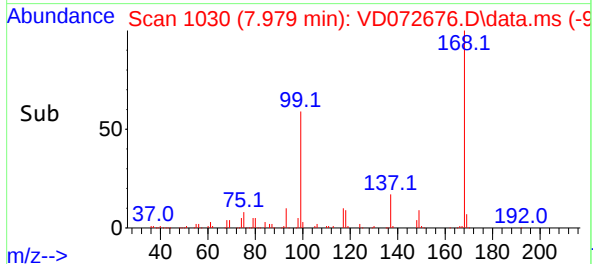
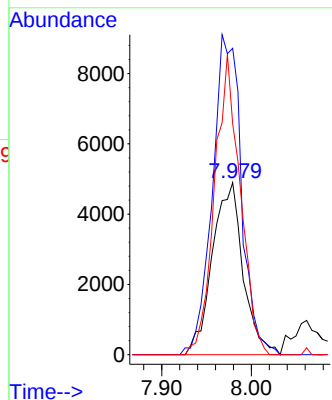
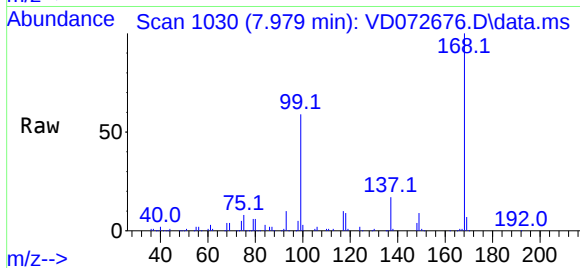
Tgt Ion: 56 Resp: 11617

Ion Ratio Lower Upper

56 100

69 178.1 25.4 38.2#

84 134.2 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 50.998 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072676.D

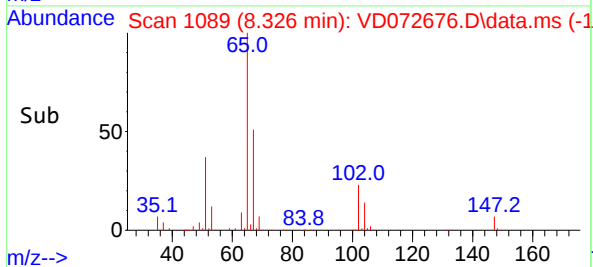
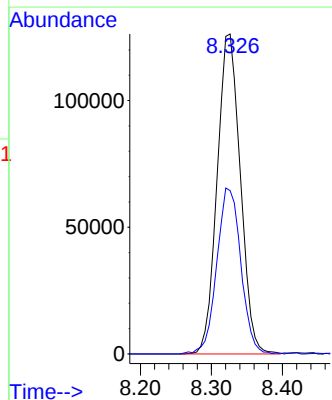
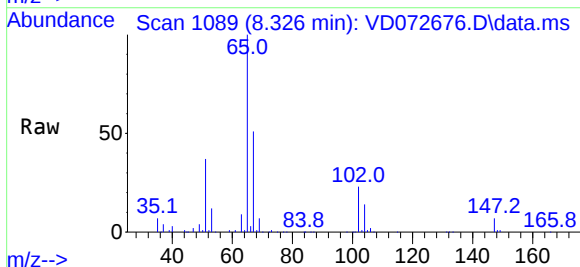
Acq: 21 Apr 2022 17:42

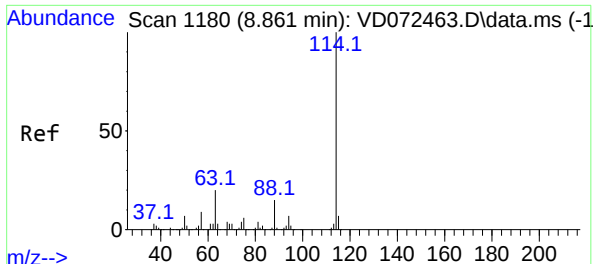
Tgt Ion: 65 Resp: 286161

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.4



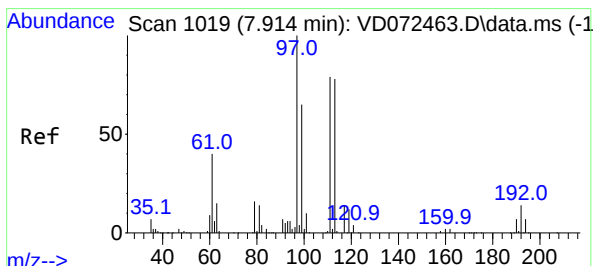
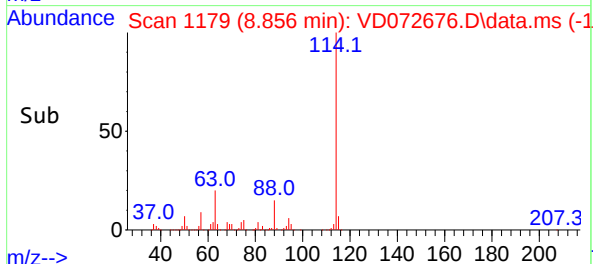
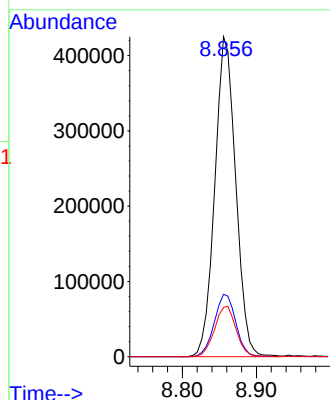
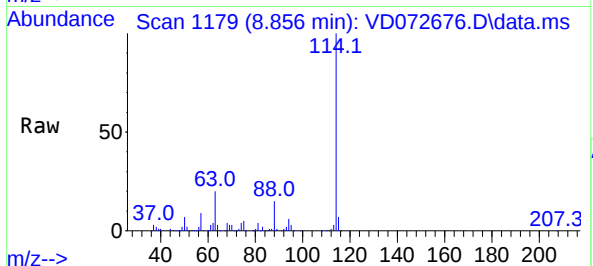


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

Instrument :
MSVOA_D
ClientSampleId :
371

Tgt Ion:114 Resp: 832519

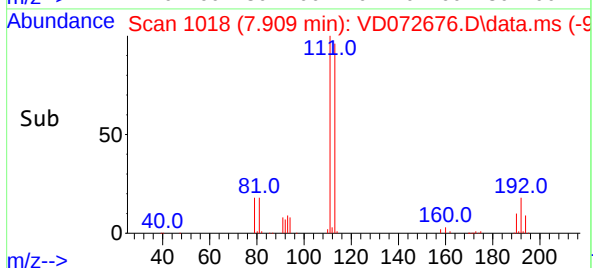
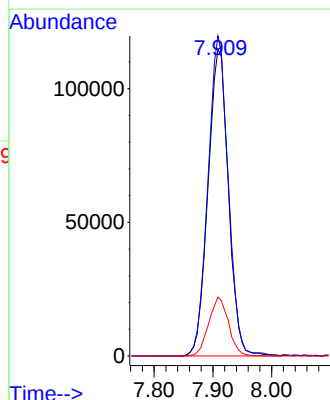
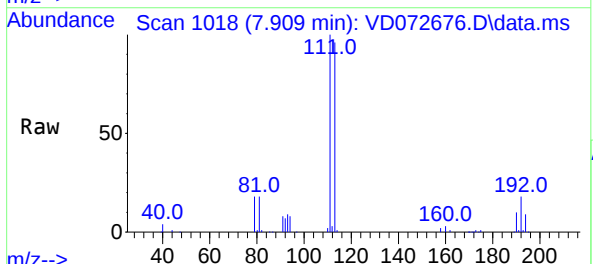
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	46.6
88	15.4	0.0	33.2

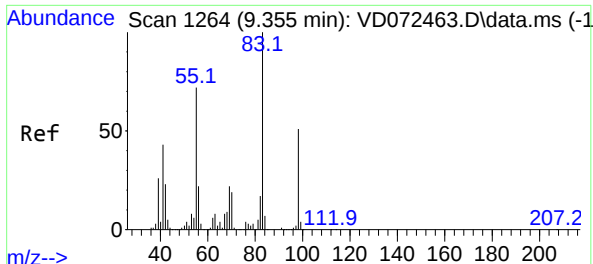


#35
Dibromofluoromethane
Concen: 42.792 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

Tgt Ion:113 Resp: 276860

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.8	125.6
192	18.6	14.6	21.8

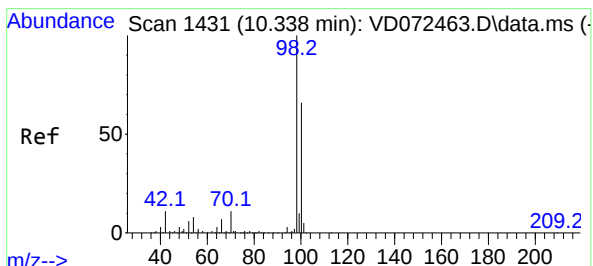
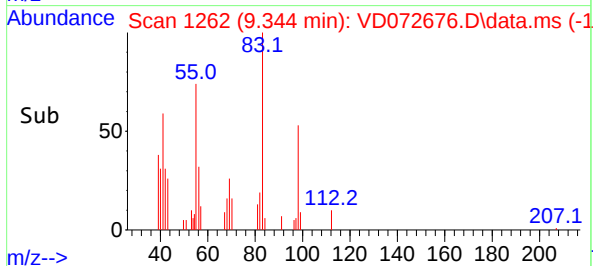
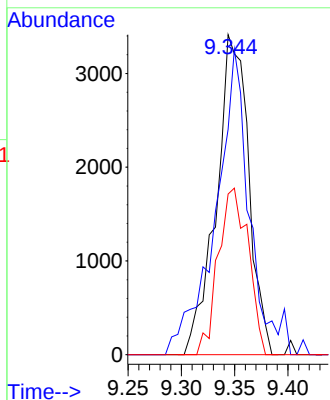
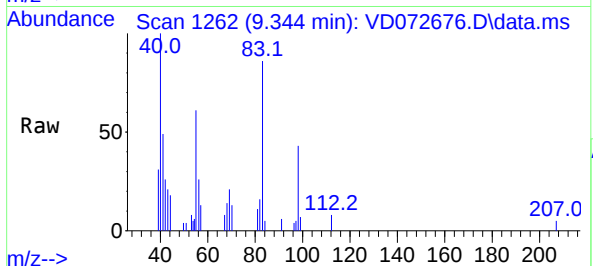




#39
Methylcyclohexane
Concen: 3.582 ug/l
RT: 9.344 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

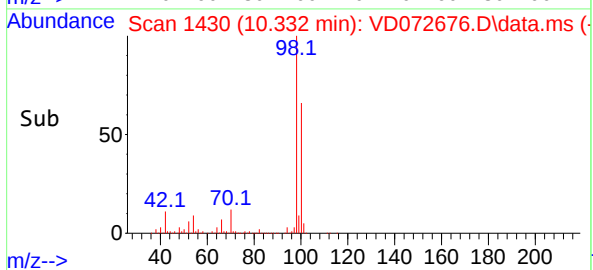
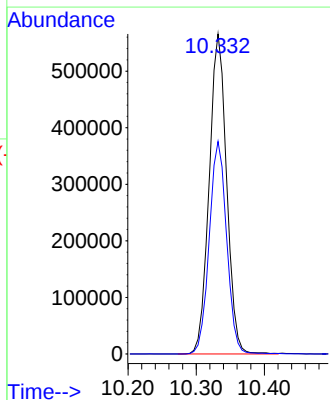
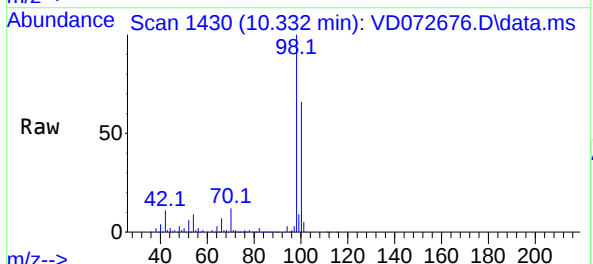
Instrument :
MSVOA_D
ClientSampleId :
371

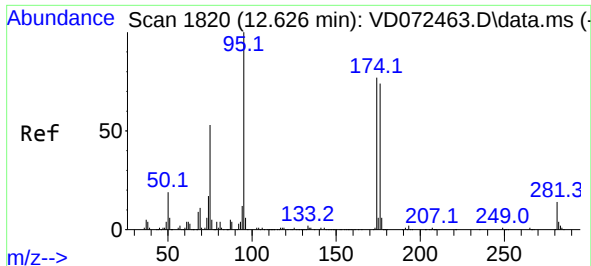
Tgt Ion: 83	Resp:	7209
Ion	Ratio	Lower Upper
83	100	
55	64.2	63.2 94.8
98	50.2	38.2 57.4



#50
Toluene-d8
Concen: 44.837 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

Tgt Ion: 98	Resp:	1008374
Ion	Ratio	Lower Upper
98	100	
100	66.2	52.4 78.6

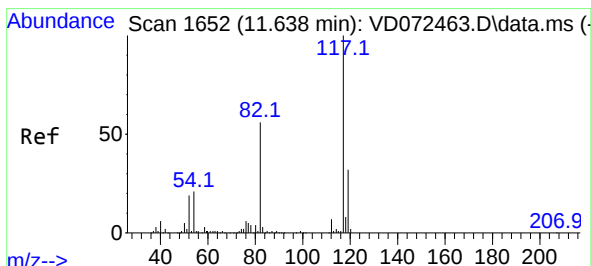
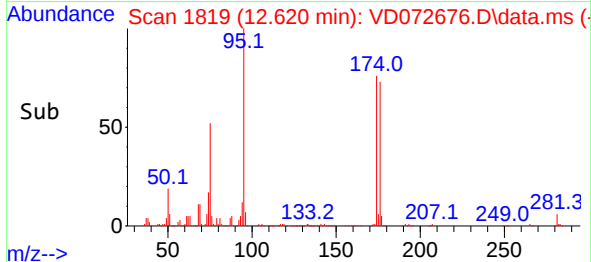
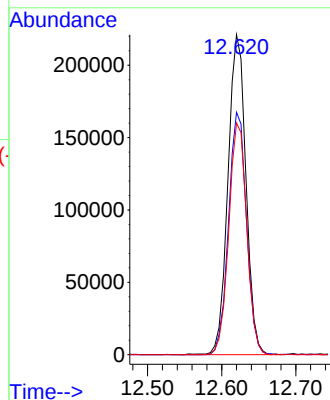
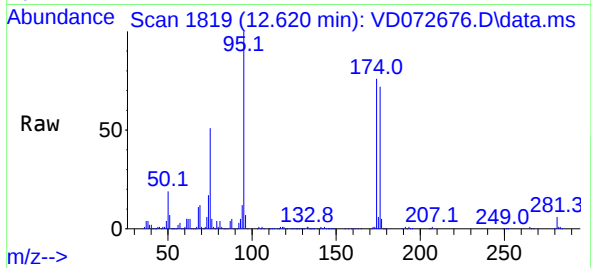




#62
4-Bromofluorobenzene
Concen: 42.285 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

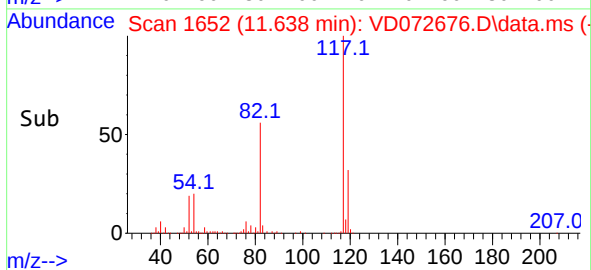
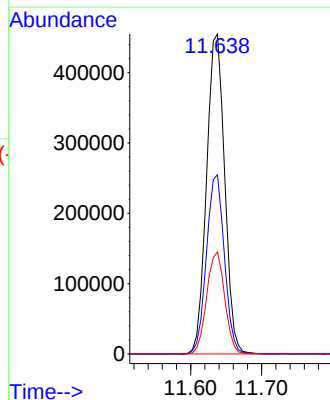
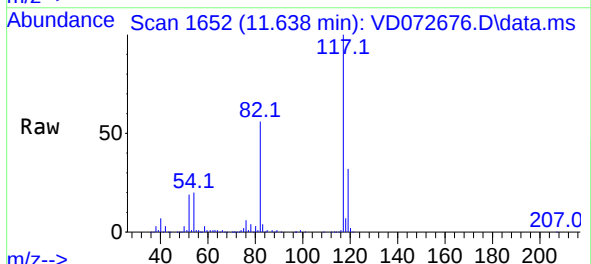
Instrument :
MSVOA_D
ClientSampleId :
371

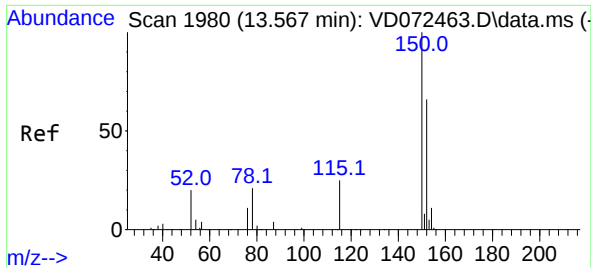
Tgt Ion: 95 Resp: 371397
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 72.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

Tgt Ion: 117 Resp: 805696
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: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072676.D
 Acq: 21 Apr 2022 17:42

Instrument :
 MSVOA_D
 ClientSampleId :
 371

Tgt Ion:152 Resp: 370637

Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.3	93.8
150	158.2	0.0	348.6

