

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069432.D
 Acq On : 14 Jun 2021 17:45
 Operator : VA/SY
 Sample : M2709-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 0222-COMP-N(DISCRETE-CL-22)

Quant Time: Jun 15 07:29:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

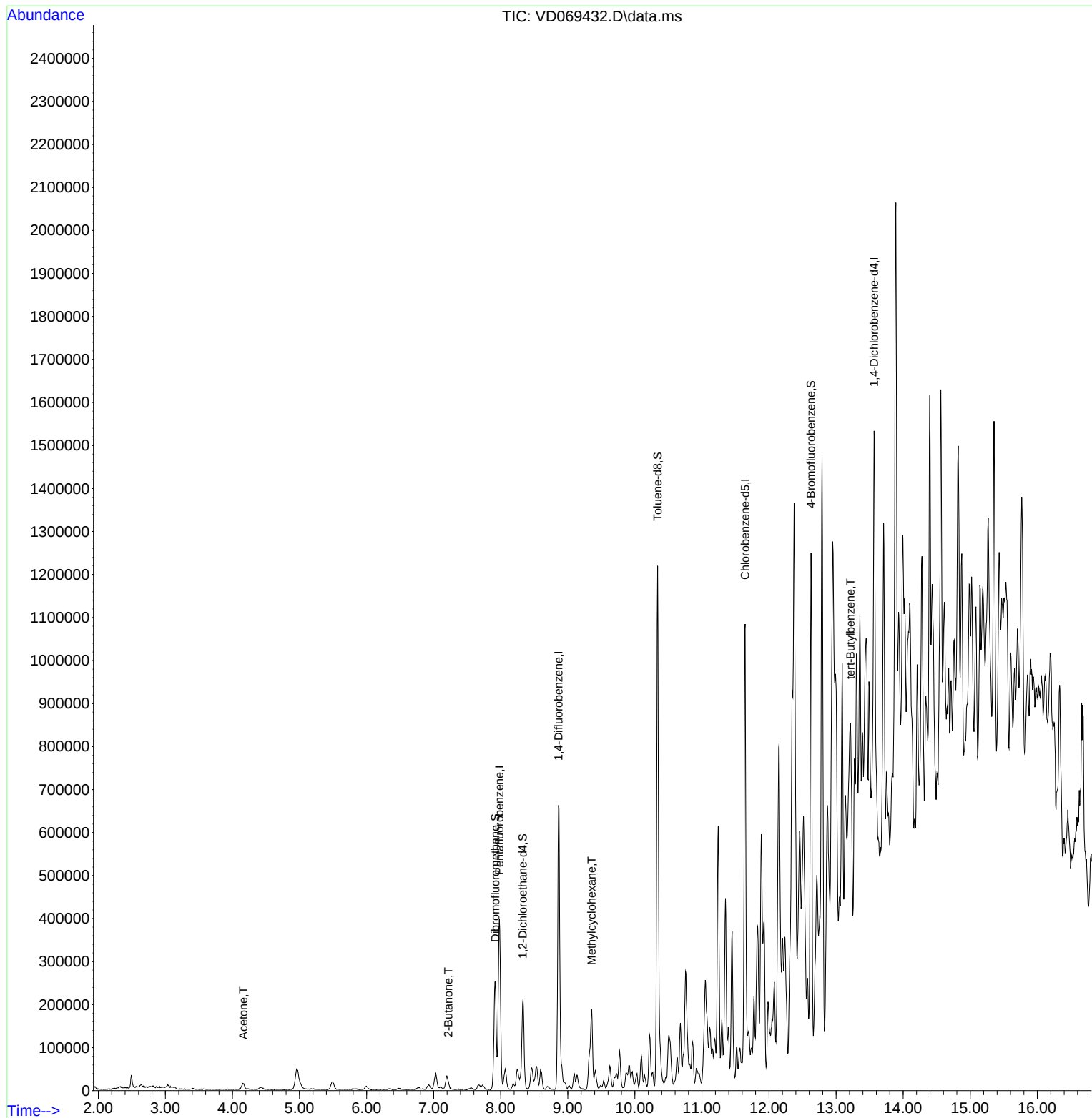
Internal Standards						
1) Pentafluorobenzene	7.979	168	268625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	538717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	601321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	296967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165840	54.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.440%	
35) Dibromofluoromethane	7.920	113	184806	45.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.600%	
50) Toluene-d8	10.338	98	748865	50.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.626	95	292546	61.780	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	23997	47.839	ug/l	96
25) 2-Butanone	7.220	43	9403	15.033	ug/l #	79
39) Methylcyclohexane	9.355	83	71360	12.647	ug/l	99
83) tert-Butylbenzene	13.214	119	28830	1.924	ug/l	79

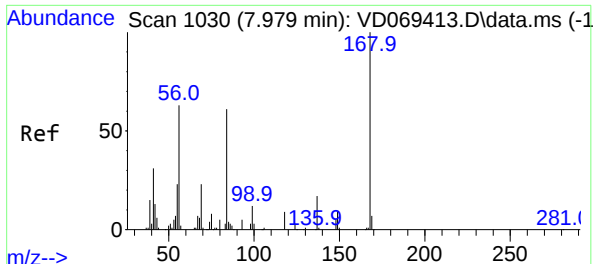
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
Data File : VD069432.D
Acq On : 14 Jun 2021 17:45
Operator : VA/SY
Sample : M2709-04
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Quant Time: Jun 15 07:29:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 11 12:50:13 2021
Response via : Initial Calibration

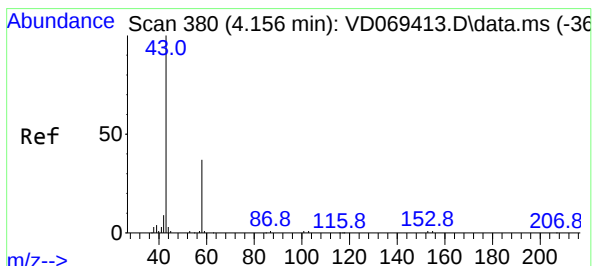
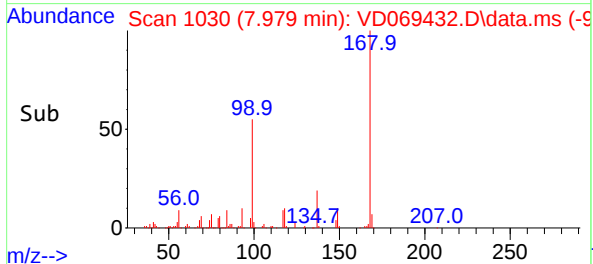
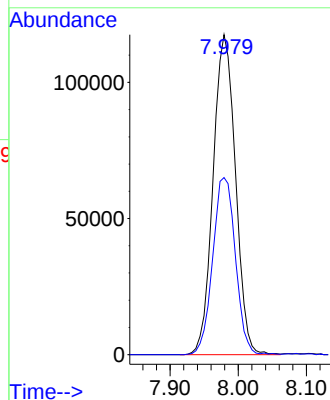
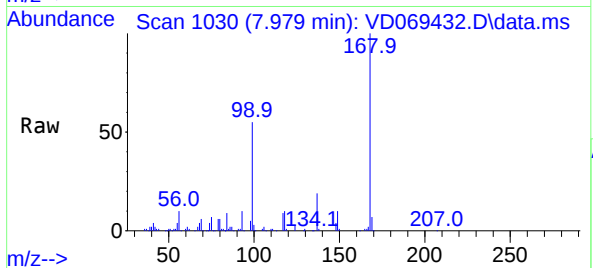




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069432.D
Acq: 14 Jun 2021 17:45

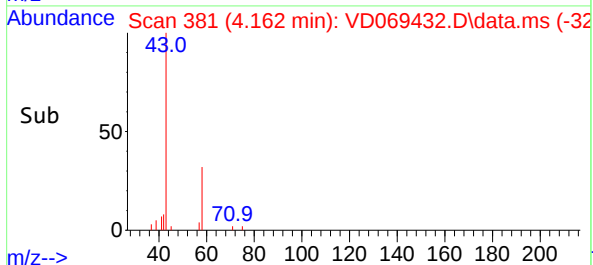
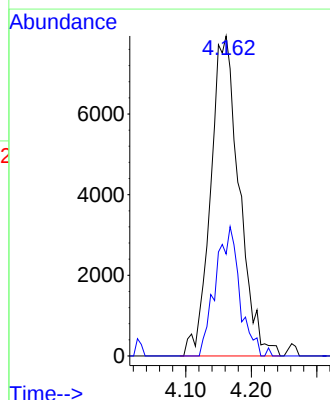
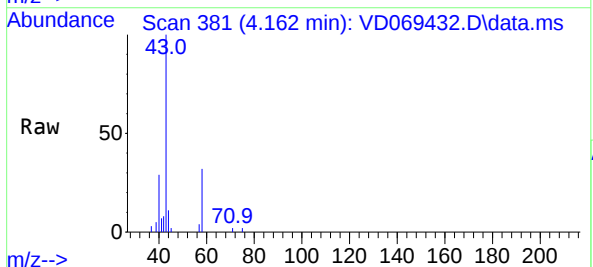
Instrument :
MSVOA_D
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

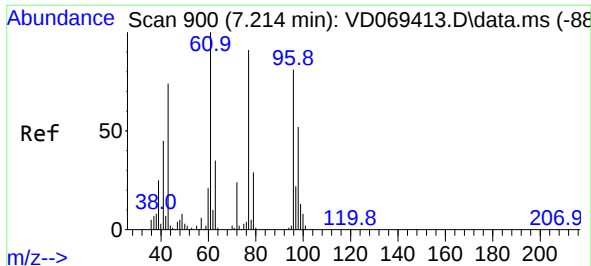
Tgt Ion:168 Resp: 268625
Ion Ratio Lower Upper
168 100
99 55.3 46.2 69.2



#16
Acetone
Concen: 47.839 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069432.D
Acq: 14 Jun 2021 17:45

Tgt Ion: 43 Resp: 23997
Ion Ratio Lower Upper
43 100
58 31.8 27.5 41.3

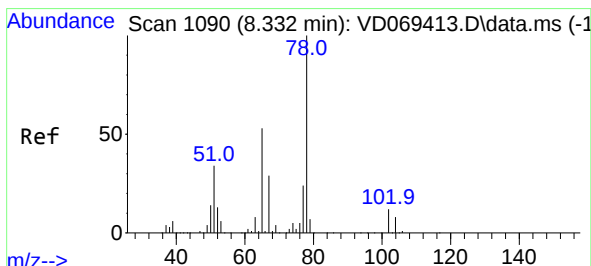
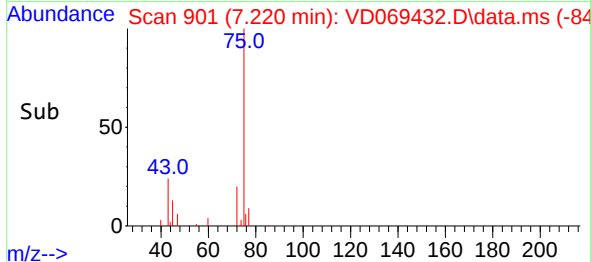
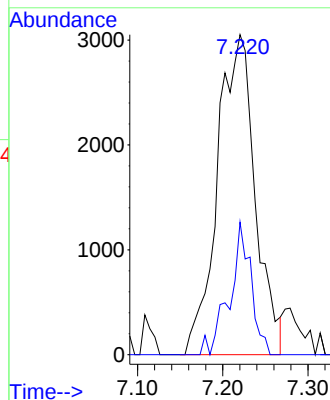
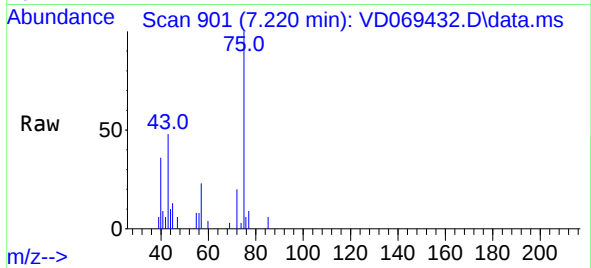




#25
2-Butanone
Concen: 15.033 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069432.D
Acq: 14 Jun 2021 17:45

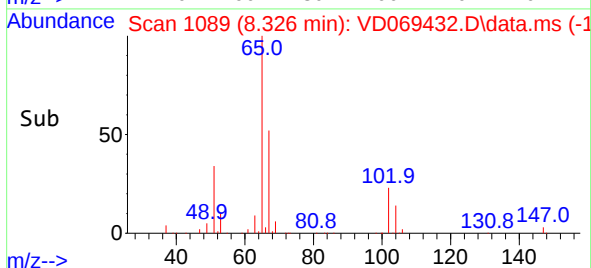
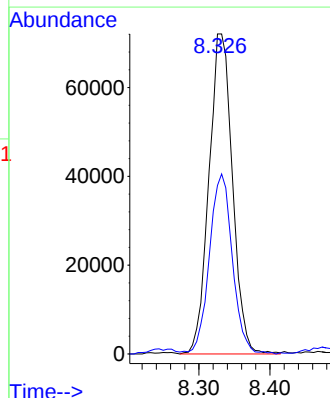
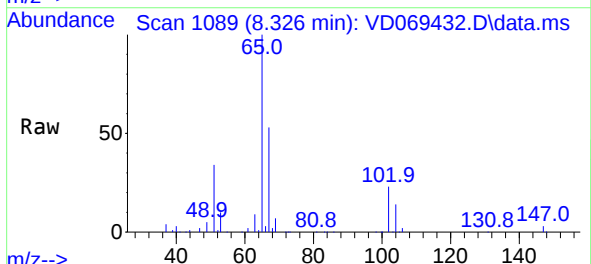
Instrument :
MSVOA_D
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

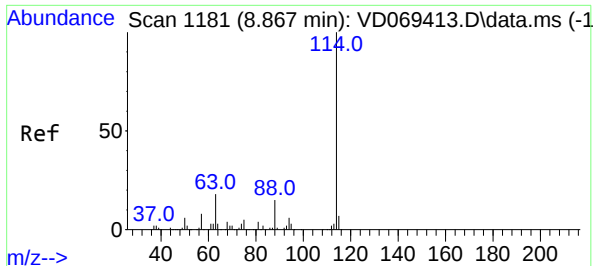
Tgt Ion: 43 Resp: 9403
Ion Ratio Lower Upper
43 100
72 41.4 23.9 35.9#



#33
1,2-Dichloroethane-d4
Concen: 54.723 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069432.D
Acq: 14 Jun 2021 17:45

Tgt Ion: 65 Resp: 165840
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.8



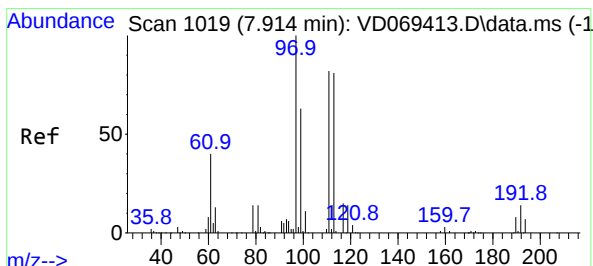
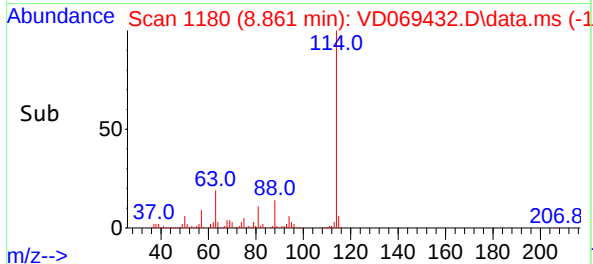
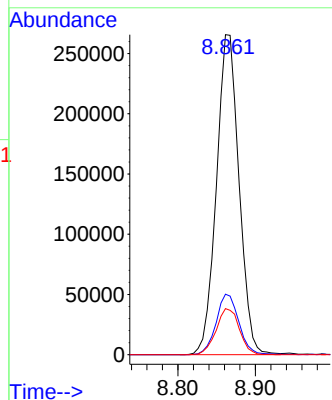
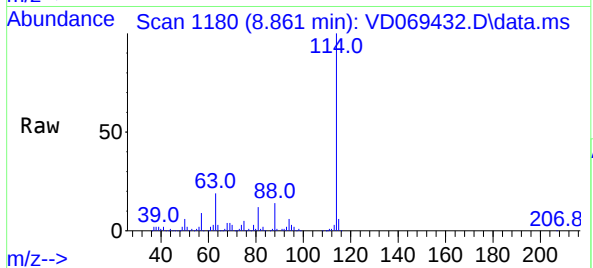


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069432.D
Acq: 14 Jun 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

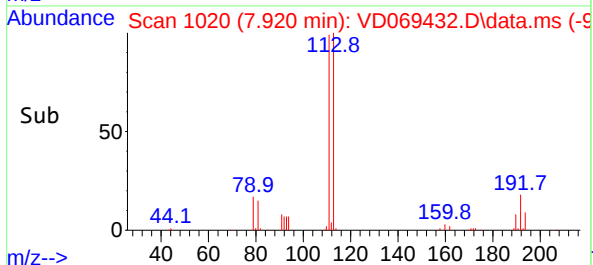
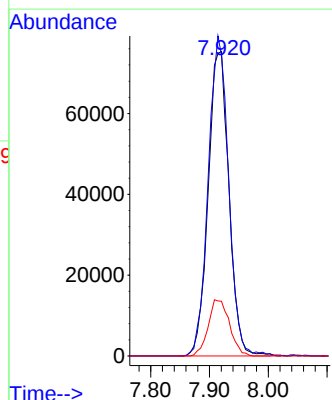
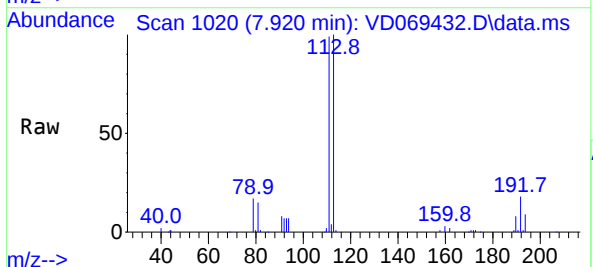
Tgt Ion:114 Resp: 538717
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.6
88 14.4 0.0 31.2

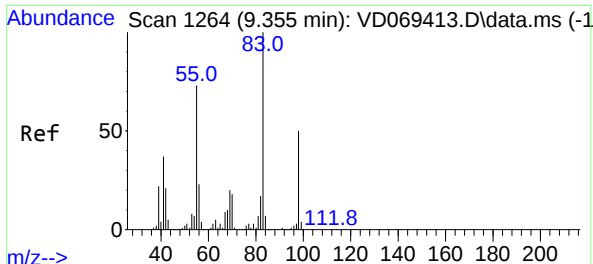


#35

Dibromofluoromethane
Concen: 45.801 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069432.D
Acq: 14 Jun 2021 17:45

Tgt Ion:113 Resp: 184806
Ion Ratio Lower Upper
113 100
111 103.5 83.0 124.6
192 19.0 15.1 22.7





#39

Methylcyclohexane

Concen: 12.647 ug/l

RT: 9.355 min Scan# 1264

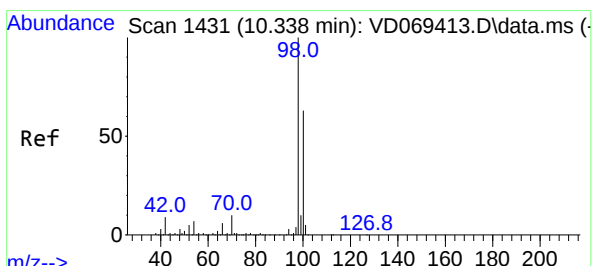
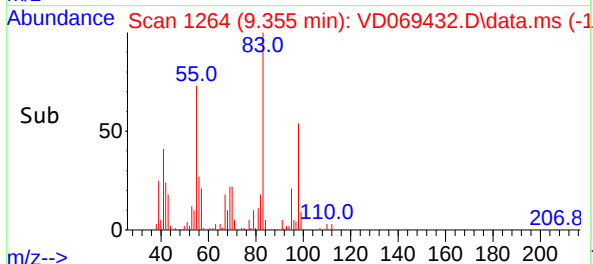
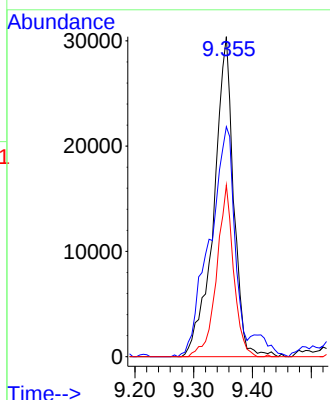
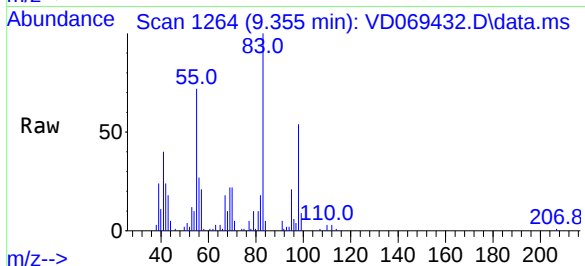
Delta R.T. 0.000 min

Lab File: VD069432.D

Acq: 14 Jun 2021 17:45

Tgt Ion:	83	Resp:	71360
Ion	Ratio	Lower	Upper
83	100		
55	71.8	57.4	86.2
98	53.6	42.2	63.2

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#50

Toluene-d8

Concen: 50.743 ug/l

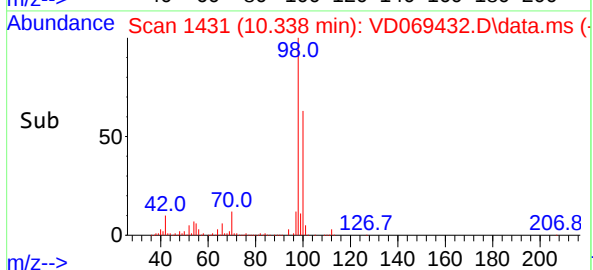
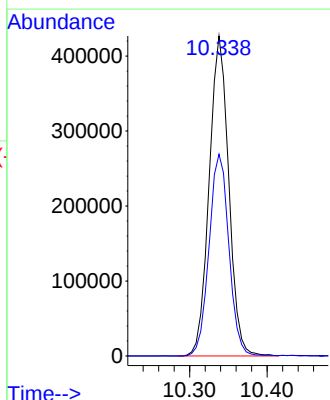
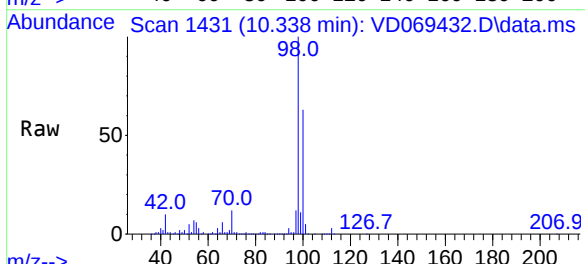
RT: 10.338 min Scan# 1431

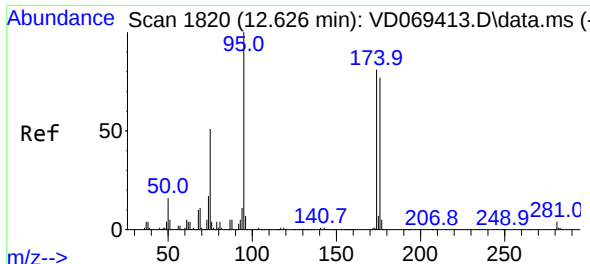
Delta R.T. -0.000 min

Lab File: VD069432.D

Acq: 14 Jun 2021 17:45

Tgt Ion:	98	Resp:	748865
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.1	78.1



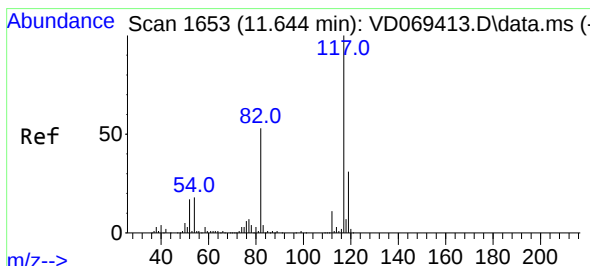
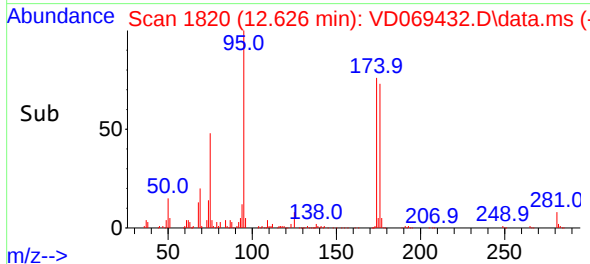
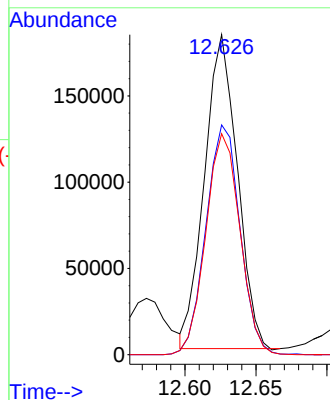
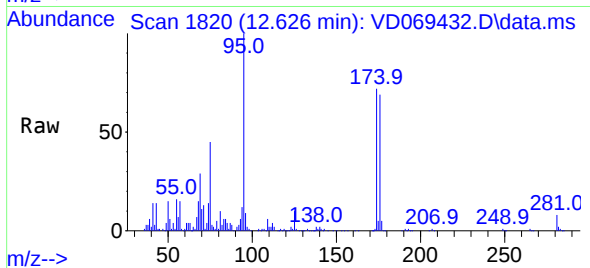


#62
4-Bromofluorobenzene
Concen: 61.780 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069432.D
Acq: 14 Jun 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Tgt Ion: 95 Resp: 292546

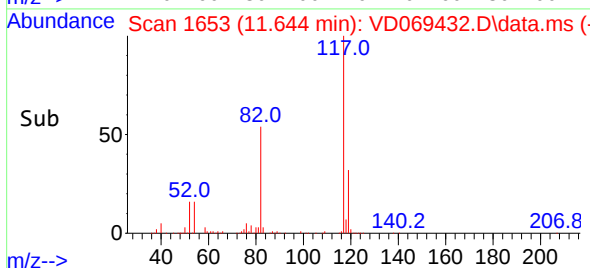
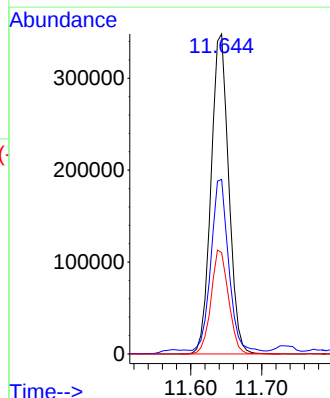
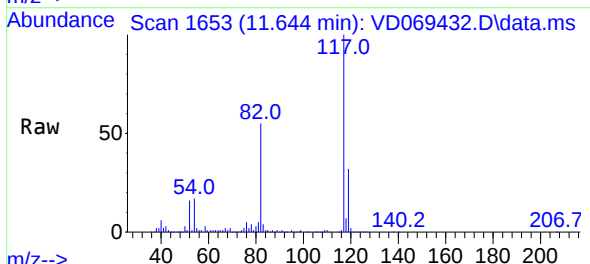
Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	162.8
176	73.4	0.0	154.4

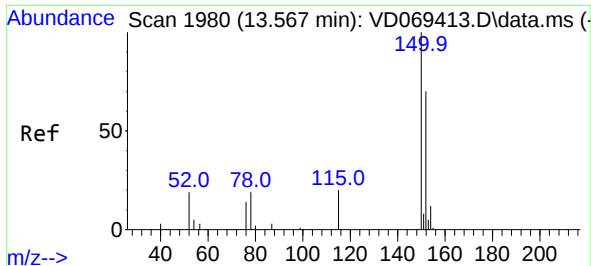


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069432.D
Acq: 14 Jun 2021 17:45

Tgt Ion: 117 Resp: 601321

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.3	64.9
119	31.6	25.3	37.9

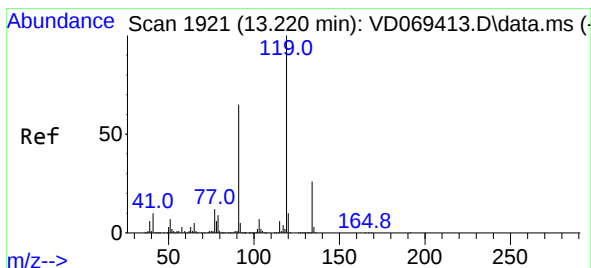
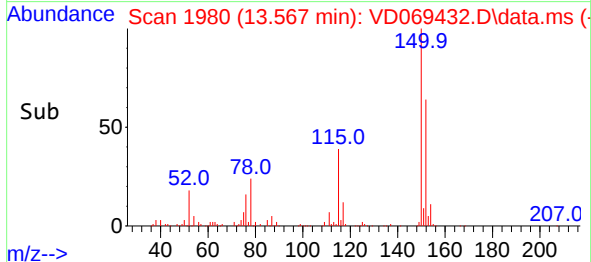
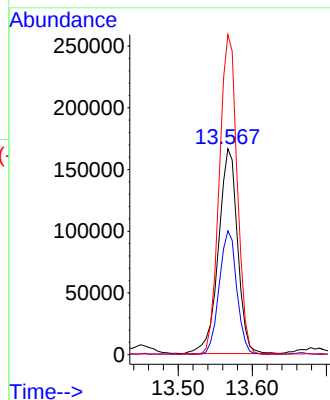
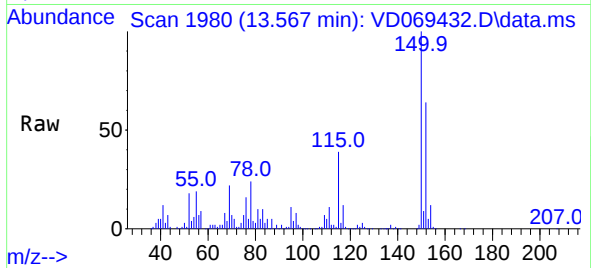




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069432.D
Acq: 14 Jun 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :
0222-COMP-N(DISCRETE-CL-22)

Tgt Ion:152 Resp: 296967
Ion Ratio Lower Upper
152 100
115 55.6 29.4 88.3
150 146.3 0.0 355.0



#83
tert-Butylbenzene
Concen: 1.924 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.006 min
Lab File: VD069432.D
Acq: 14 Jun 2021 17:45

Tgt Ion:119 Resp: 28830
Ion Ratio Lower Upper
119 100
91 86.3 31.7 95.1
134 26.9 13.4 40.1

