

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071521\
 Data File : VD069711.D
 Acq On : 15 Jul 2021 17:04
 Operator : VA/SY
 Sample : M3026-04RE
 Misc : 11.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ABN-JG-2RE

Quant Time: Jul 16 02:03:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

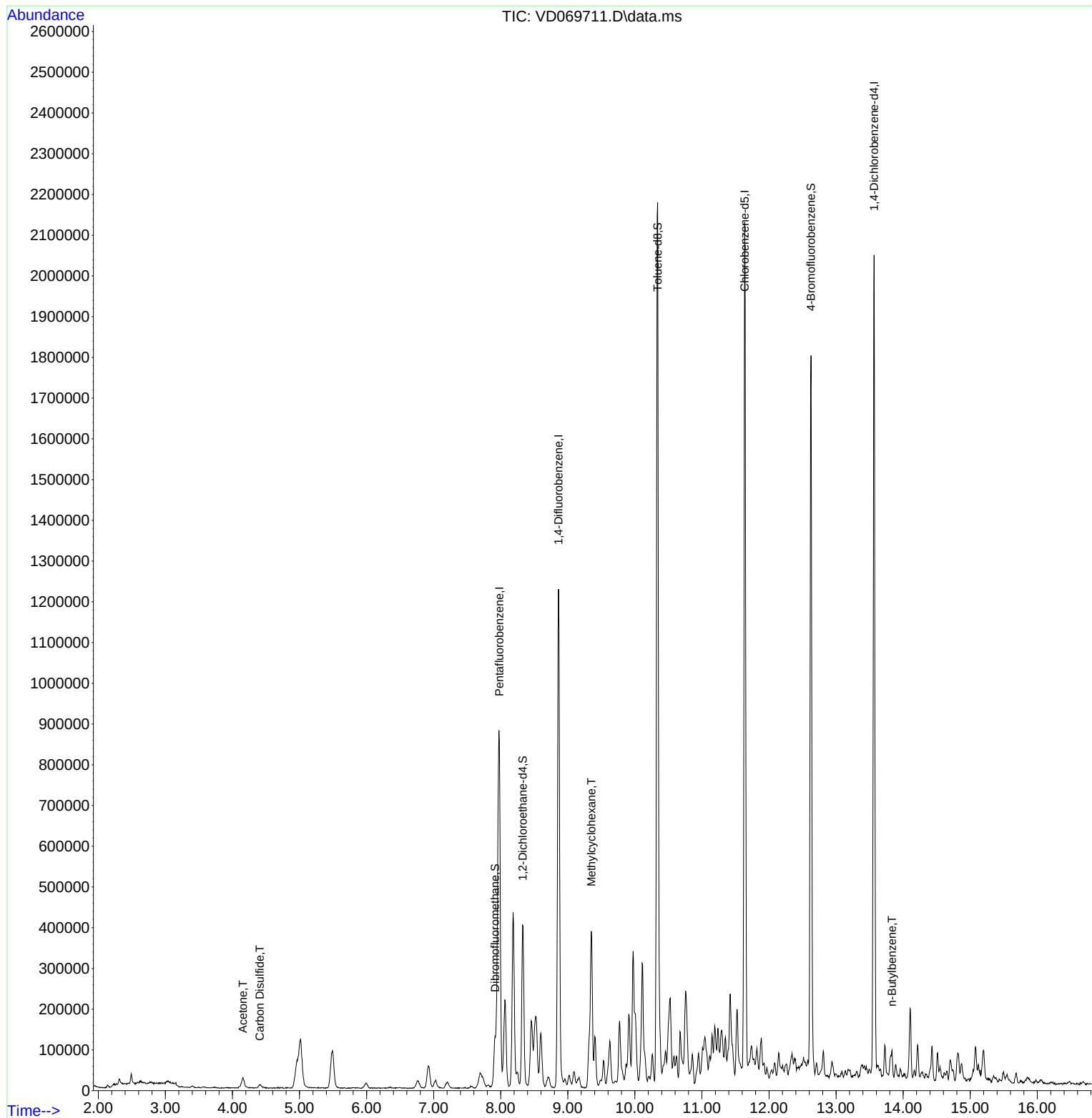
Internal Standards						
1) Pentafluorobenzene	7.979	168	517458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	994827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1160709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	515705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	316453	48.978	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.960%		
35) Dibromofluoromethane	7.914	113	86657	12.984	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	25.960%#		
50) Toluene-d8	10.338	98	1383761	53.368	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.740%		
62) 4-Bromofluorobenzene	12.626	95	575878	66.594	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	133.180%		
Target Compounds						
16) Acetone	4.156	43	39979	39.899	ug/l	99
17) Carbon Disulfide	4.409	76	17038	1.284	ug/l	98
39) Methylcyclohexane	9.350	83	128361	12.018	ug/l	92
89) n-Butylbenzene	13.832	91	37123	1.153	ug/l #	81

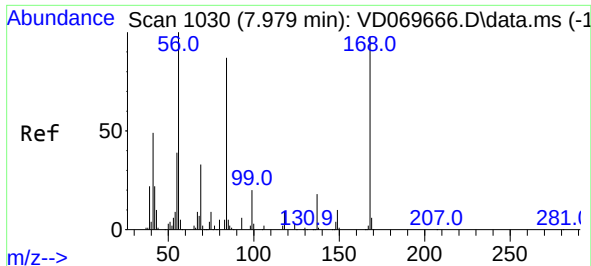
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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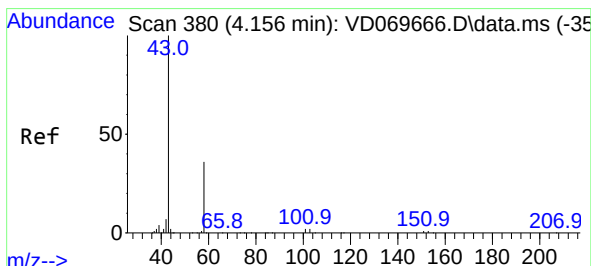
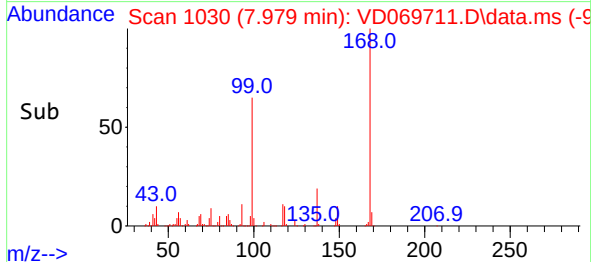
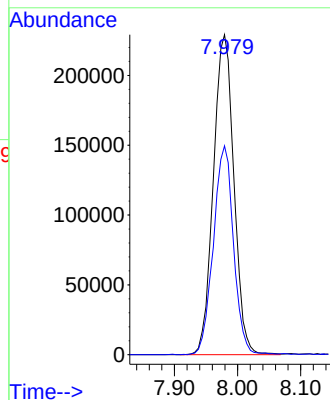
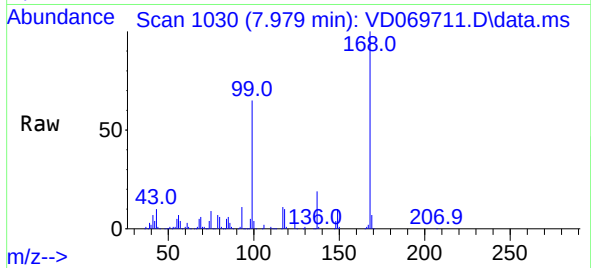




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069711.D
Acq: 15 Jul 2021 17:04

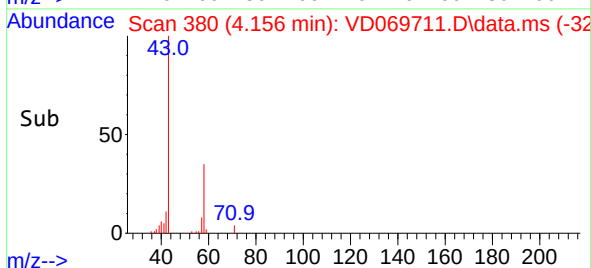
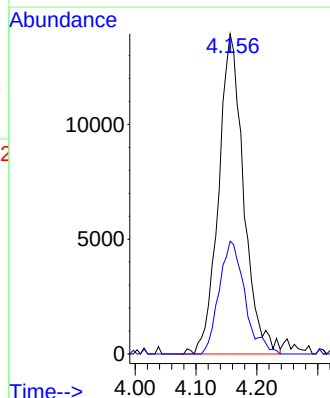
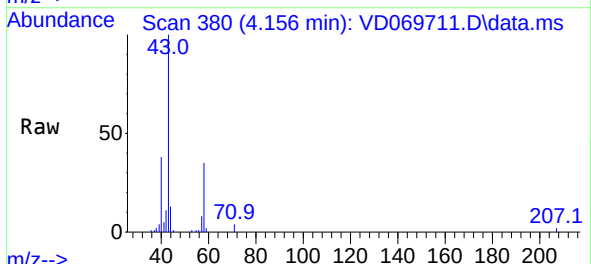
Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-2RE

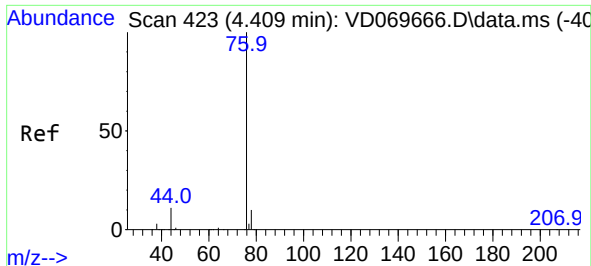
Tgt Ion:168 Resp: 517458
Ion Ratio Lower Upper
168 100
99 65.2 51.8 77.6



#16
Acetone
Concen: 39.899 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069711.D
Acq: 15 Jul 2021 17:04

Tgt Ion: 43 Resp: 39979
Ion Ratio Lower Upper
43 100
58 35.3 28.6 42.8

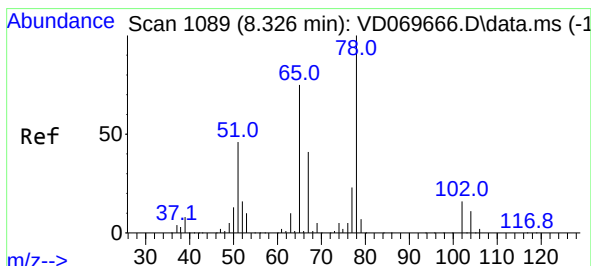
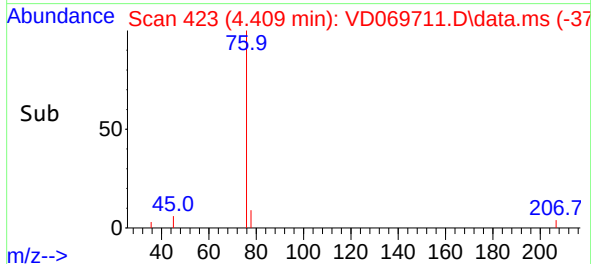
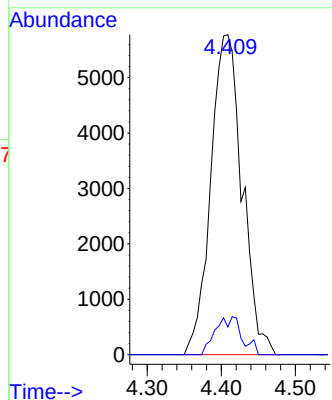
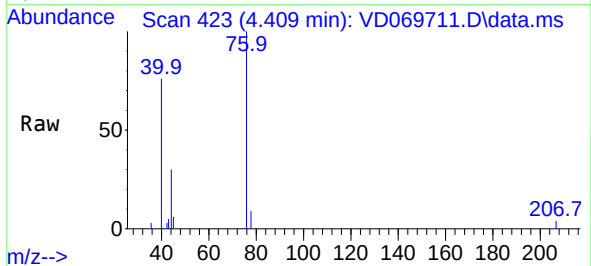




#17
Carbon Disulfide
Concen: 1.284 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069711.D
Acq: 15 Jul 2021 17:04

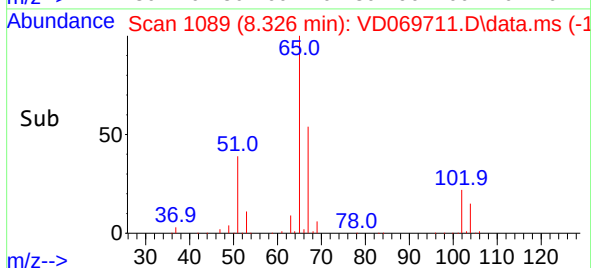
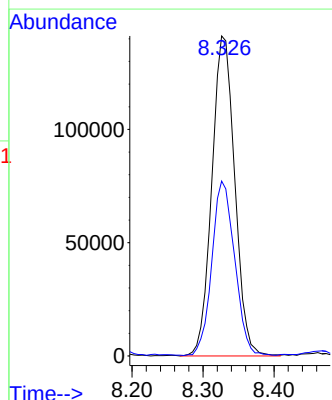
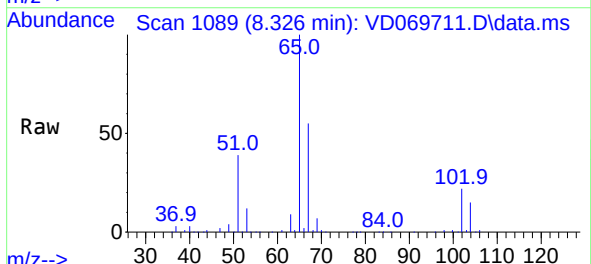
Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-2RE

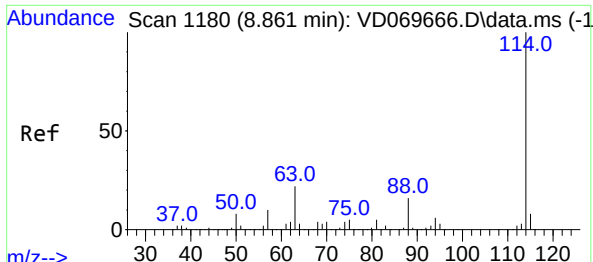
Tgt Ion: 76 Resp: 17038
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#33
1,2-Dichloroethane-d4
Concen: 48.978 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069711.D
Acq: 15 Jul 2021 17:04

Tgt Ion: 65 Resp: 316453
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2

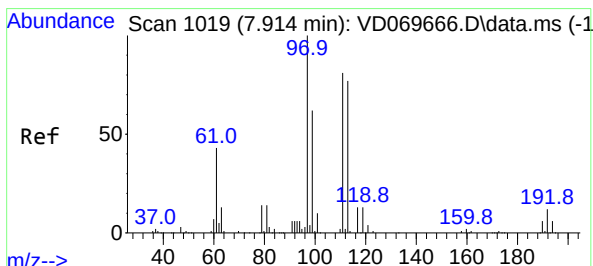
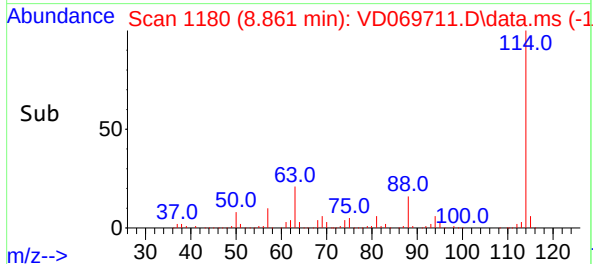
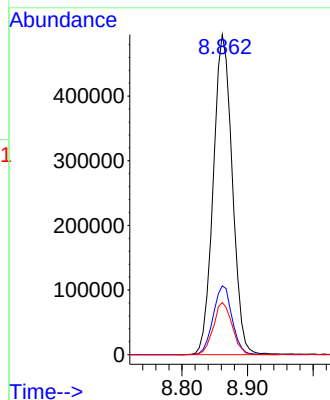
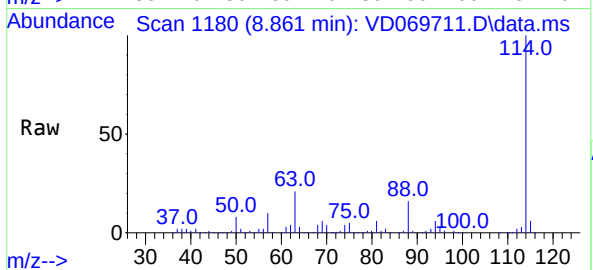




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069711.D
Acq: 15 Jul 2021 17:04

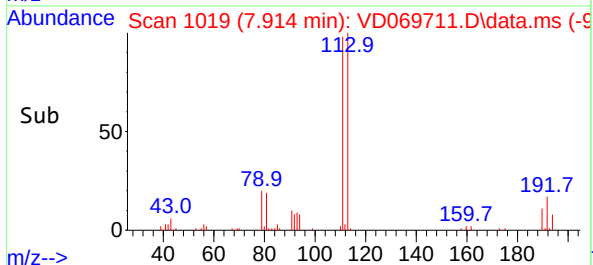
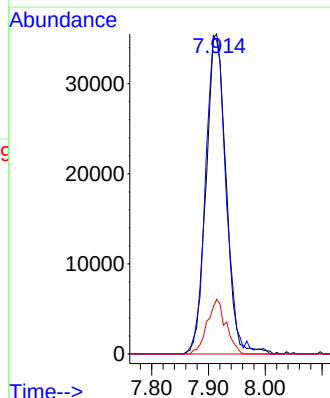
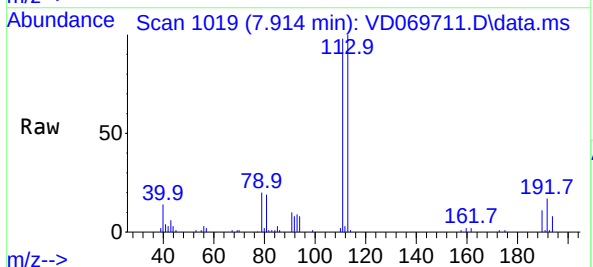
Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-2RE

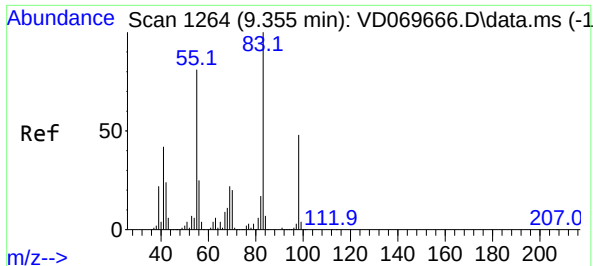
Tgt Ion:114 Resp: 994827
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.4
88 16.3 0.0 32.0



#35
Dibromofluoromethane
Concen: 12.984 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069711.D
Acq: 15 Jul 2021 17:04

Tgt Ion:113 Resp: 86657
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 16.0 12.7 19.1





#39

Methylcyclohexane

Concen: 12.018 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.005 min

Lab File: VD069711.D

Acq: 15 Jul 2021 17:04

Instrument :

MSVOA_D

ClientSampleId :

ABN-JG-2RE

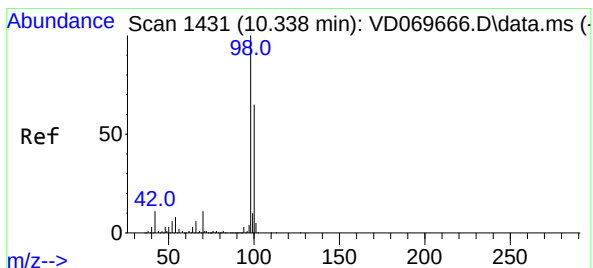
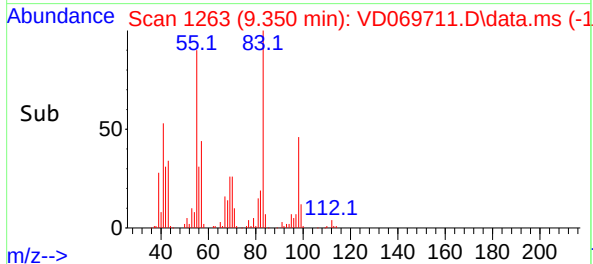
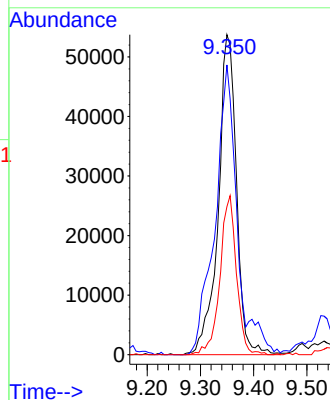
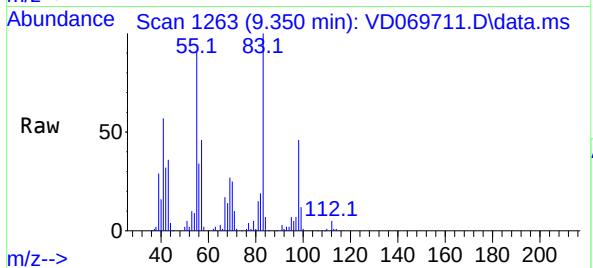
Tgt Ion: 83 Resp: 128361

Ion Ratio Lower Upper

83 100

55 90.6 64.6 97.0

98 46.3 38.4 57.6



#50

Toluene-d8

Concen: 53.368 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069711.D

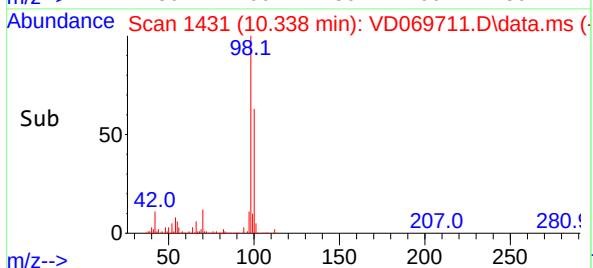
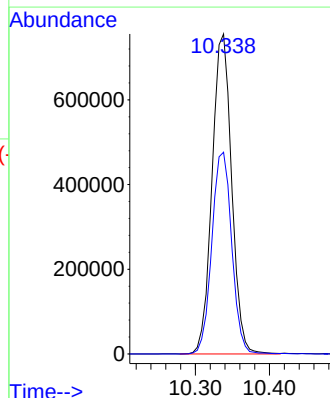
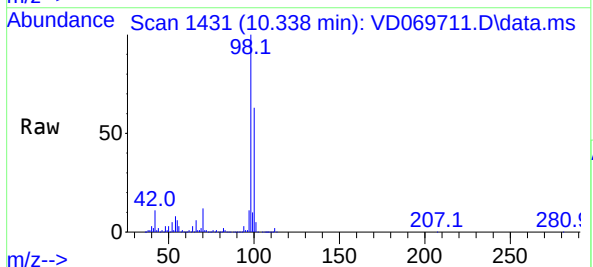
Acq: 15 Jul 2021 17:04

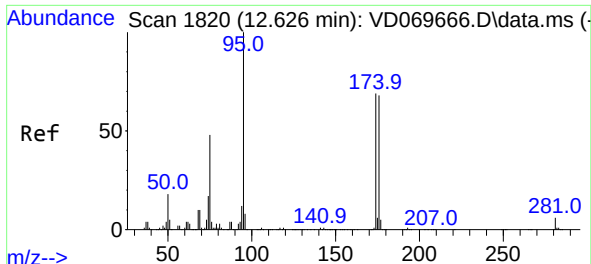
Tgt Ion: 98 Resp: 1383761

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2

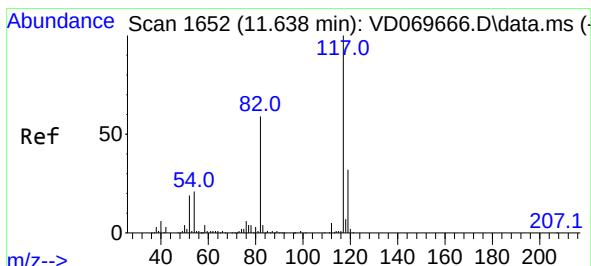
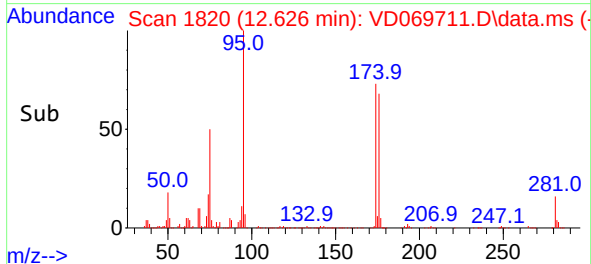
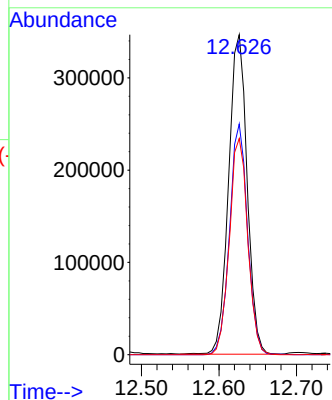
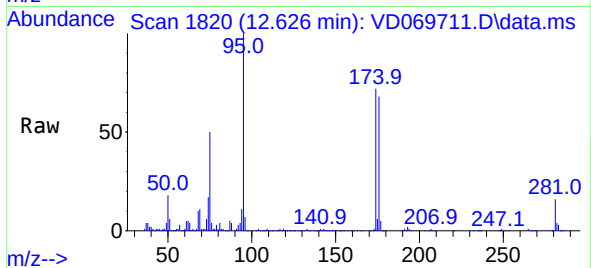




#62
4-Bromofluorobenzene
Concen: 66.594 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069711.D
Acq: 15 Jul 2021 17:04

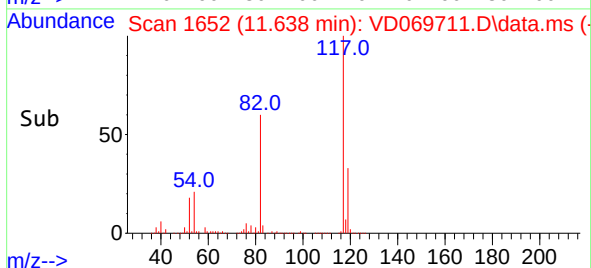
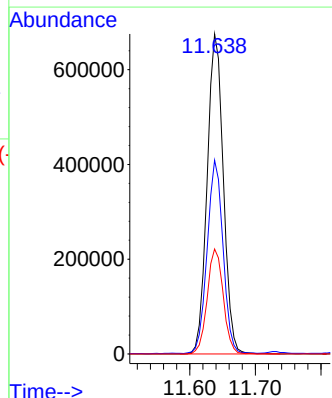
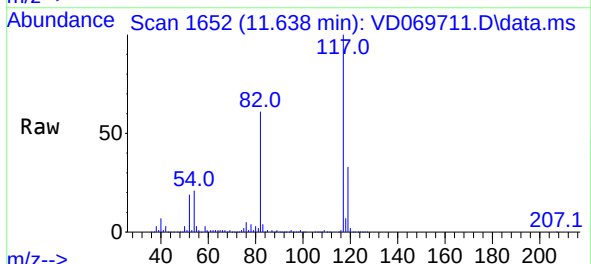
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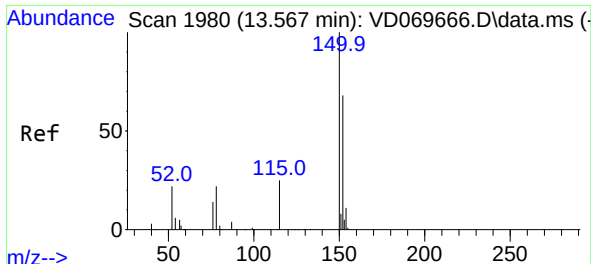
Tgt Ion: 95 Resp: 575878
Ion Ratio Lower Upper
95 100
174 70.1 0.0 140.0
176 67.1 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069711.D
Acq: 15 Jul 2021 17:04

Tgt Ion: 117 Resp: 1160709
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 32.8 25.5 38.3

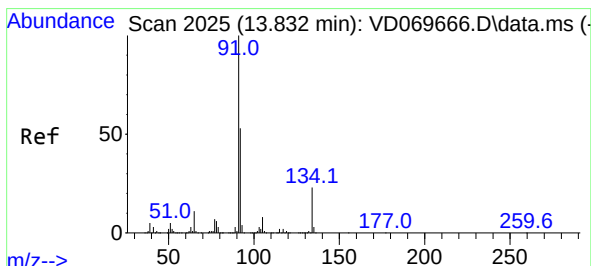
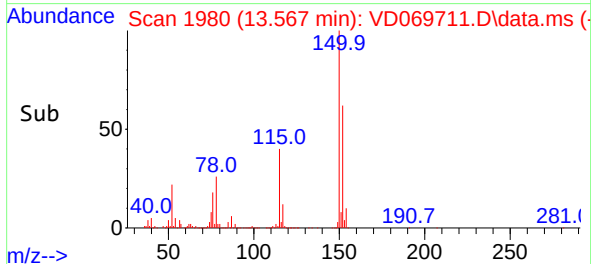
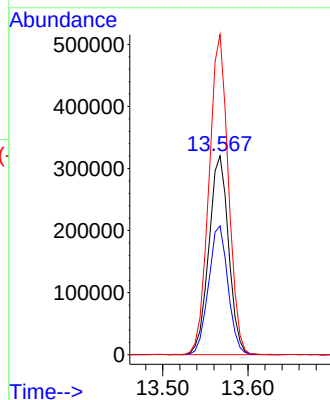
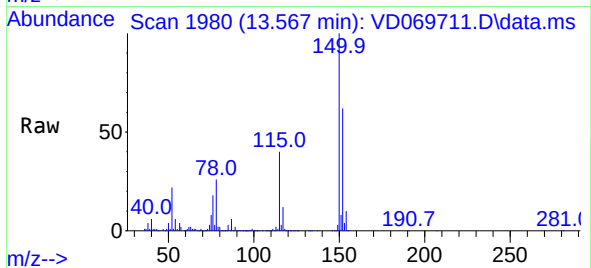




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069711.D
Acq: 15 Jul 2021 17:04

Instrument :
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Tgt Ion:152 Resp: 515705
Ion Ratio Lower Upper
152 100
115 64.0 31.7 95.1
150 158.1 0.0 350.4



#89
n-Butylbenzene
Concen: 1.153 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069711.D
Acq: 15 Jul 2021 17:04

Tgt Ion: 91 Resp: 37123
Ion Ratio Lower Upper
91 100
92 44.3 26.6 79.8
134 39.5 11.7 35.1#

