

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069721.D
 Acq On : 16 Jul 2021 13:09
 Operator : VA/SY
 Sample : M3026-07
 Misc : 10.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ABN-JG-3

Quant Time: Jul 16 16:15:30 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)

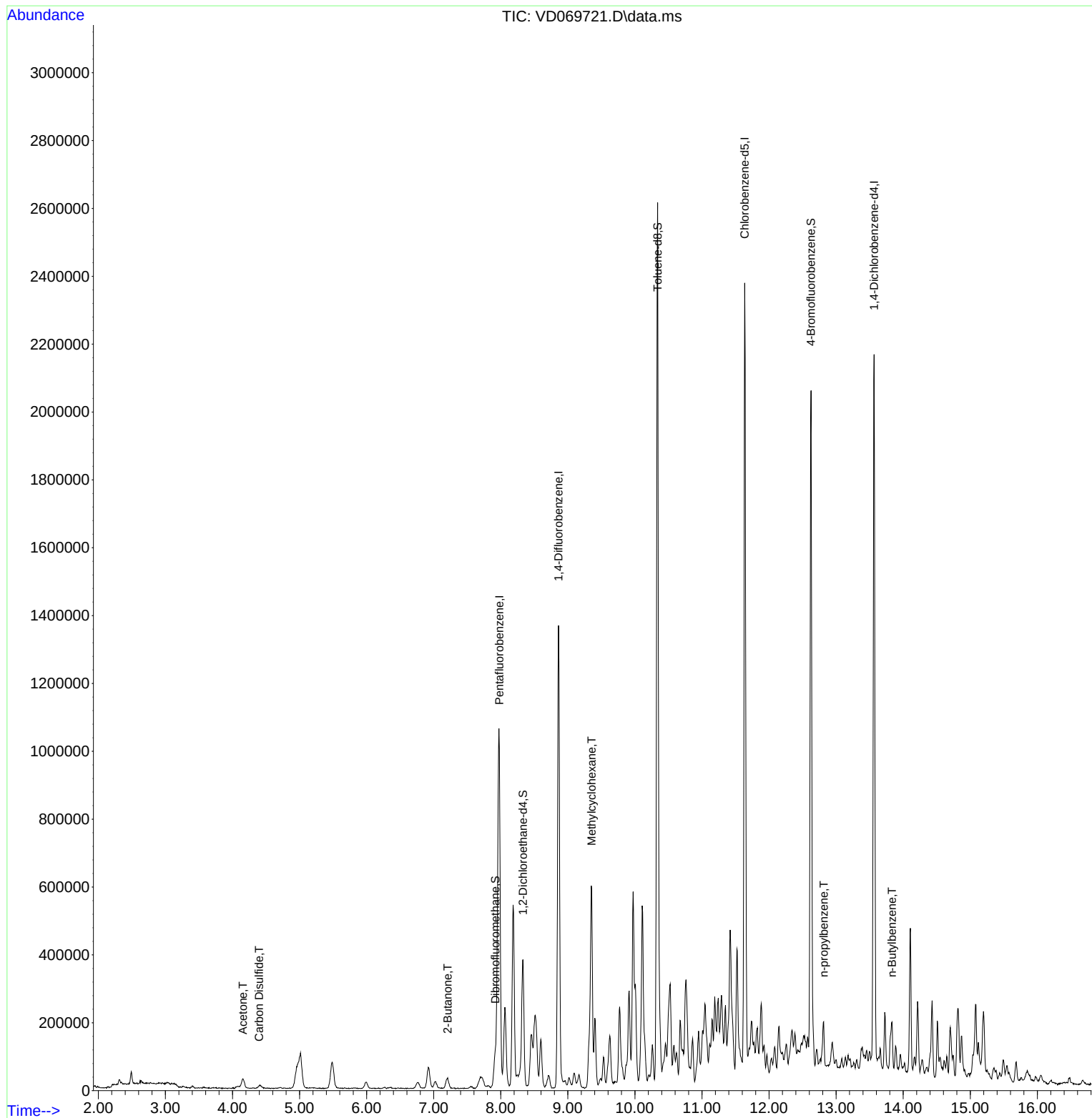
Internal Standards						
1) Pentafluorobenzene	7.979	168	586779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1086366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1267901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	556404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	299087	40.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.640%
35) Dibromofluoromethane	7.920	113	64317	8.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	17.640%#
50) Toluene-d8	10.338	98	1514613	53.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.980%
62) 4-Bromofluorobenzene	12.626	95	639031	67.671	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.340%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	50791	43.169	ug/l	99
17) Carbon Disulfide	4.397	76	18448	1.245	ug/l	95
25) 2-Butanone	7.208	43	15254	8.809	ug/l	99
39) Methylcyclohexane	9.355	83	194915	15.947	ug/l	98
78) n-propylbenzene	12.814	91	95004	1.891	ug/l	98
89) n-Butylbenzene	13.832	91	89520	2.577	ug/l #	87

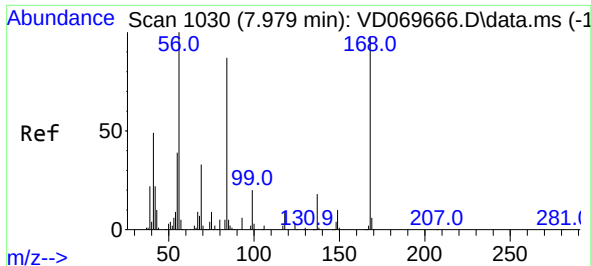
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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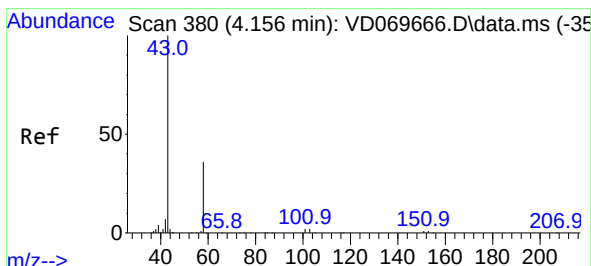
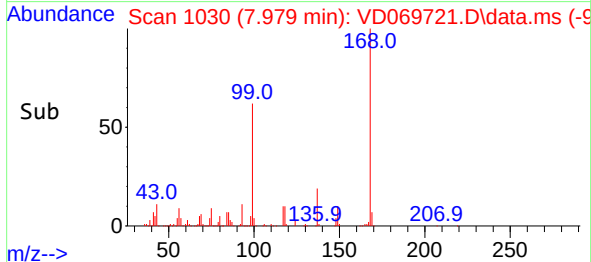
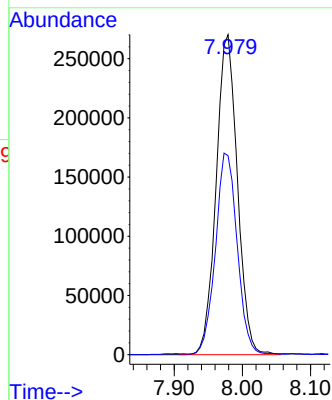
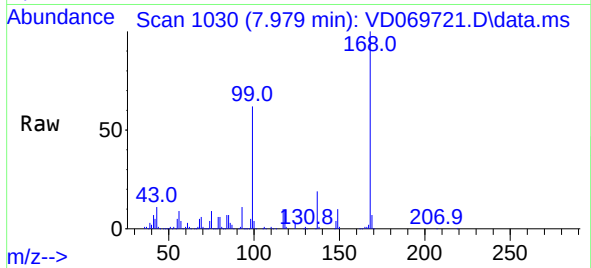




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

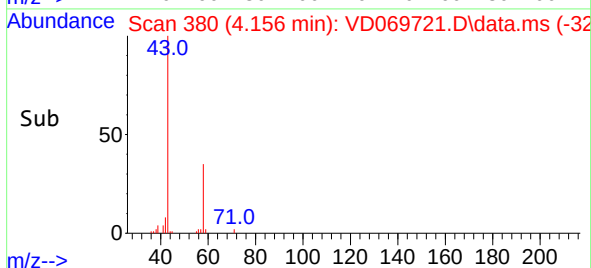
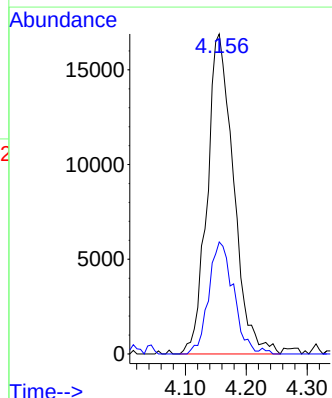
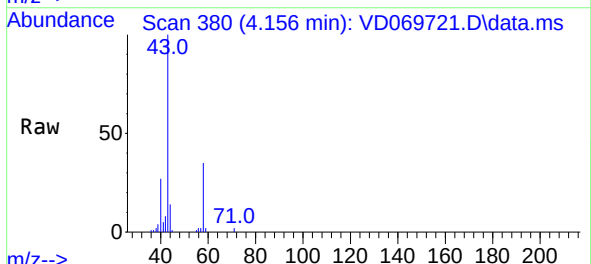
Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-3

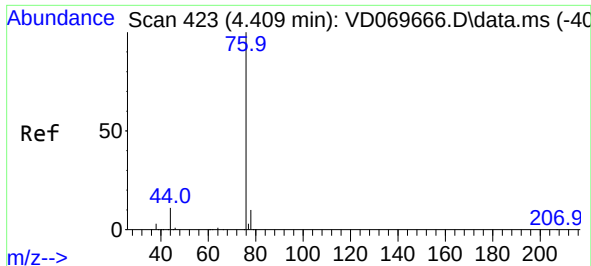
Tgt Ion:168 Resp: 586779
Ion Ratio Lower Upper
168 100
99 62.0 51.8 77.6



#16
Acetone
Concen: 43.169 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

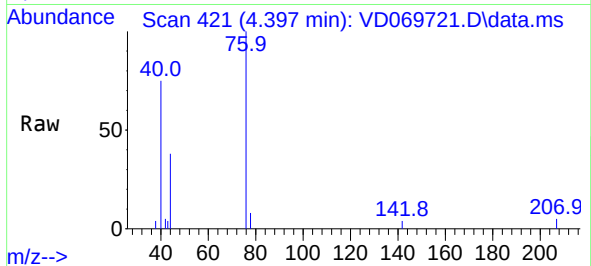
Tgt Ion: 43 Resp: 50791
Ion Ratio Lower Upper
43 100
58 35.0 28.6 42.8



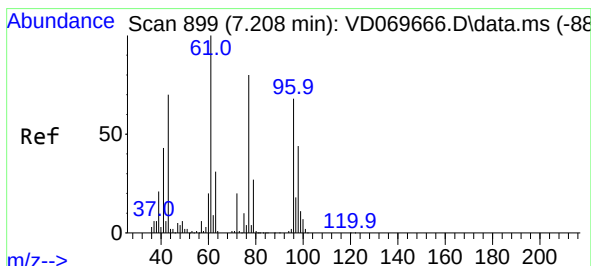
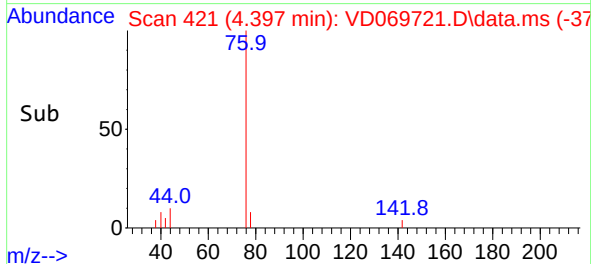
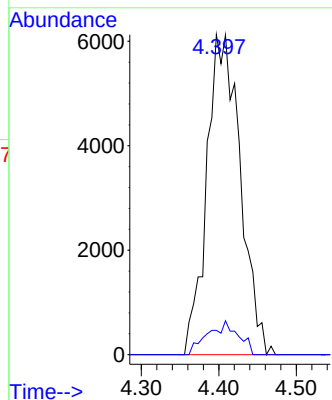


#17
Carbon Disulfide
Concen: 1.245 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.012 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-3

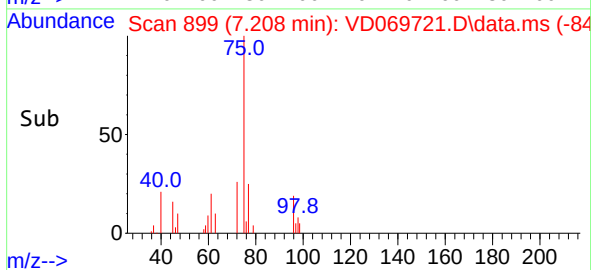
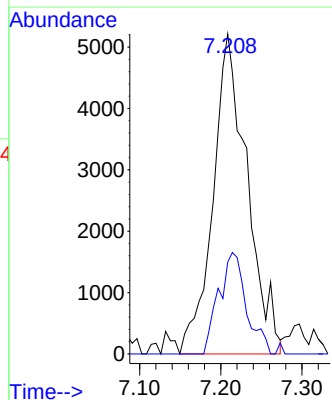
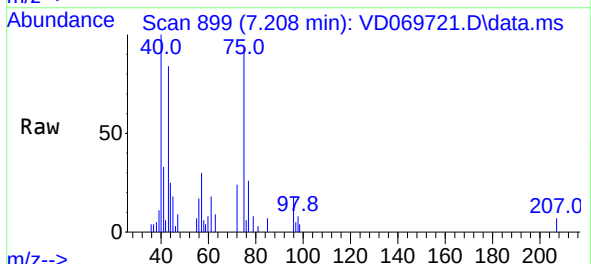


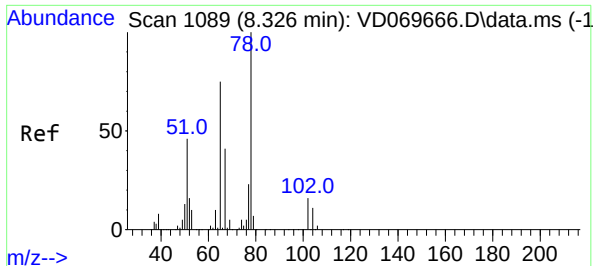
Tgt Ion: 76 Resp: 18448
Ion Ratio Lower Upper
76 100
78 7.6 7.6 11.4



#25
2-Butanone
Concen: 8.809 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

Tgt Ion: 43 Resp: 15254
Ion Ratio Lower Upper
43 100
72 28.7 22.6 33.8

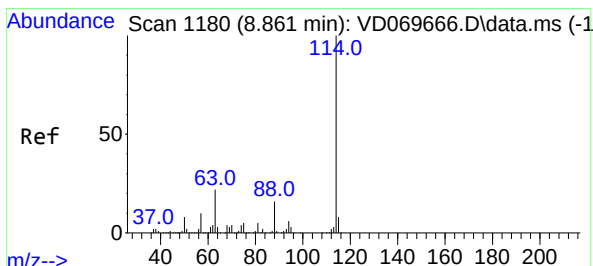
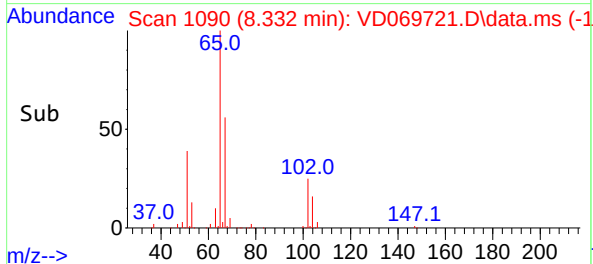
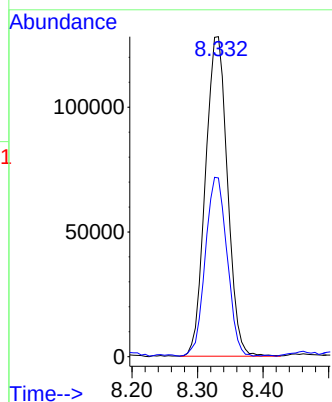
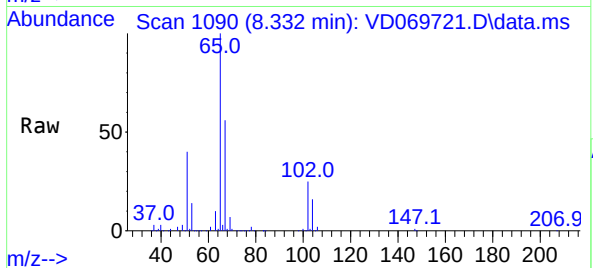




#33
1,2-Dichloroethane-d4
Concen: 40.822 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

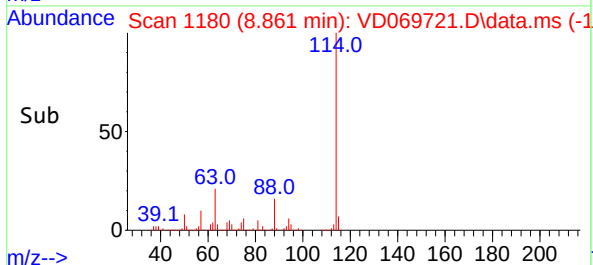
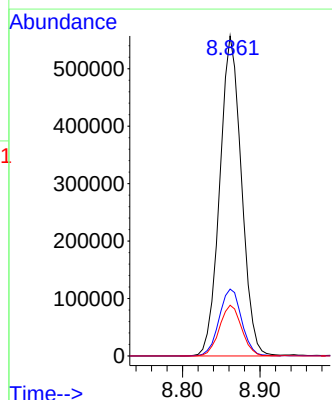
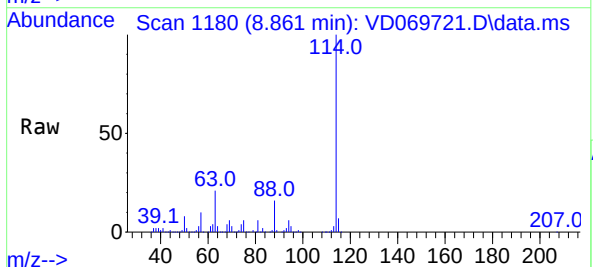
Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-3

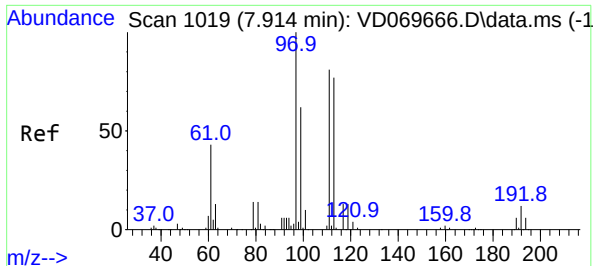
Tgt Ion: 65 Resp: 299087
Ion Ratio Lower Upper
65 100
67 55.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

Tgt Ion:114 Resp: 1086366
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.4
88 15.8 0.0 32.0



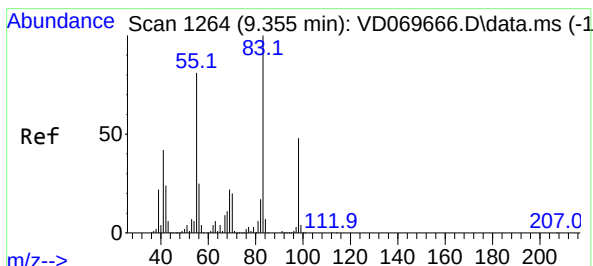
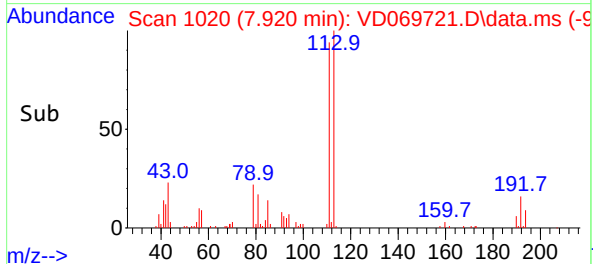
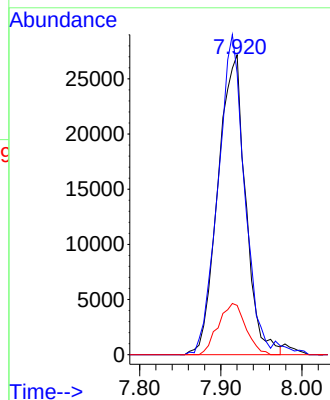
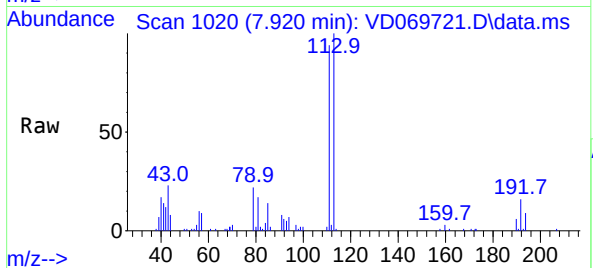


#35

Dibromofluoromethane
Concen: 8.825 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-3

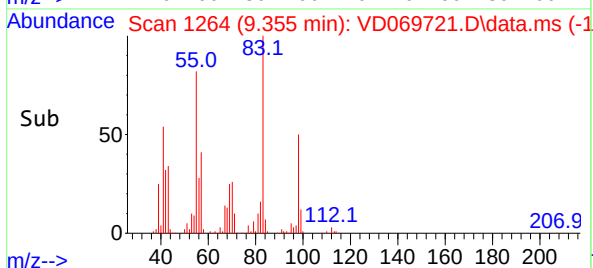
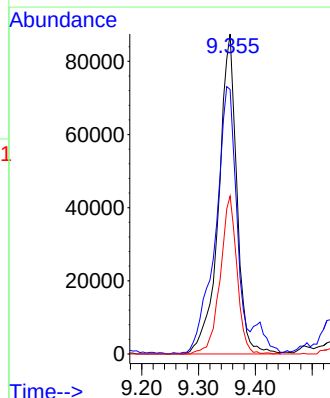
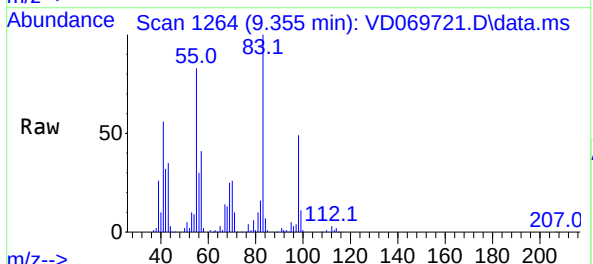
Tgt Ion:113 Resp: 64317
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 17.0 12.7 19.1

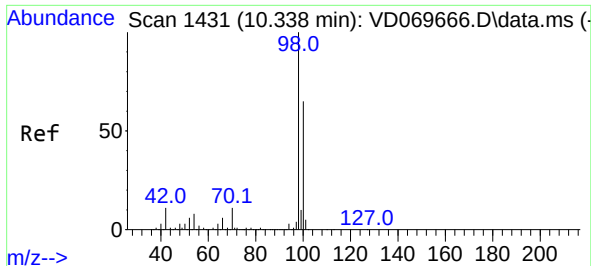


#39

Methylcyclohexane
Concen: 15.947 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

Tgt Ion: 83 Resp: 194915
Ion Ratio Lower Upper
83 100
55 82.4 64.6 97.0
98 49.3 38.4 57.6

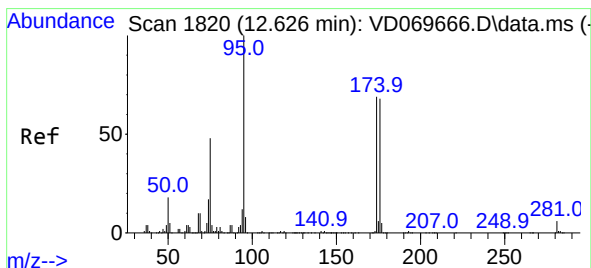
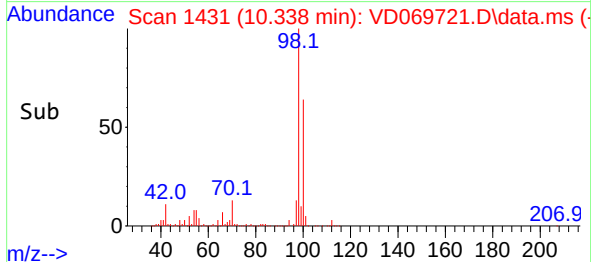
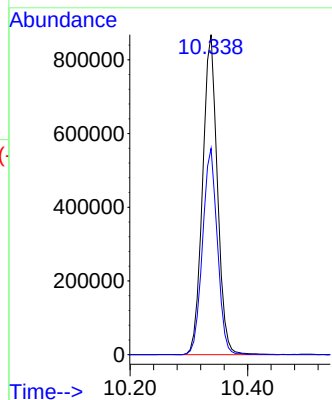
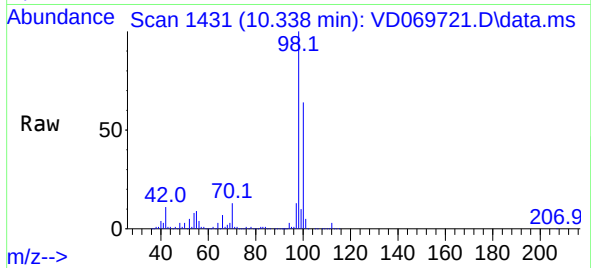




#50
Toluene-d8
Concen: 53.492 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

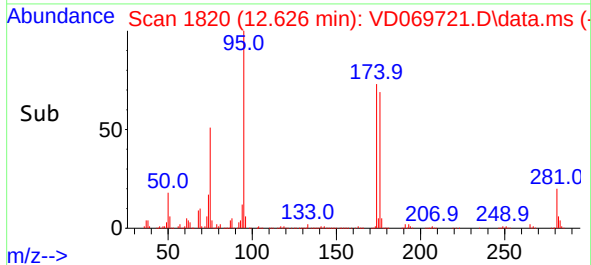
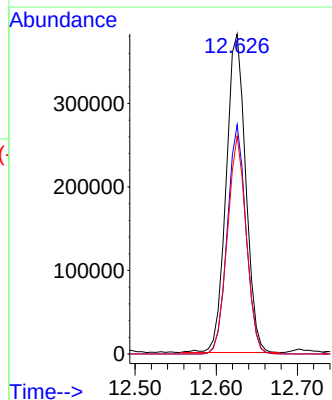
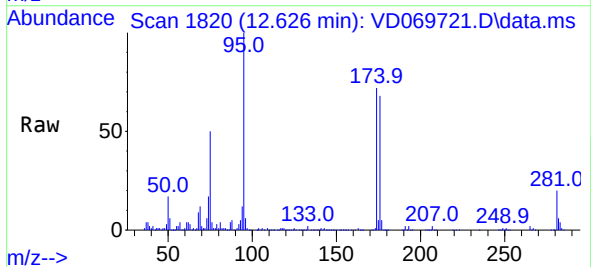
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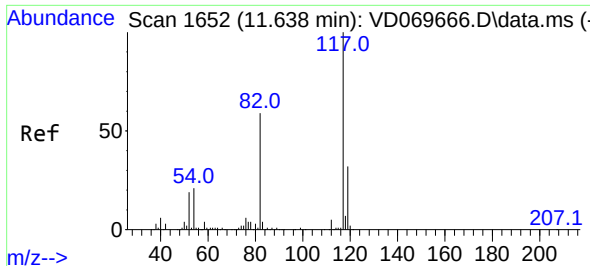
Tgt Ion: 98 Resp: 1514613
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 67.671 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

Tgt Ion: 95 Resp: 639031
Ion Ratio Lower Upper
95 100
174 68.5 0.0 140.0
176 65.7 0.0 136.2

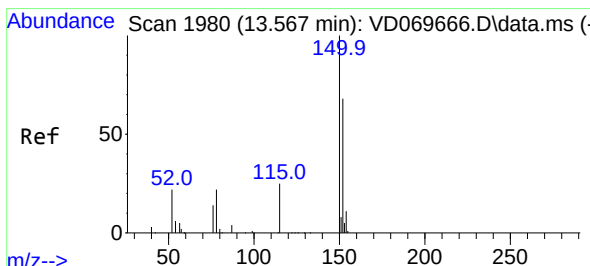
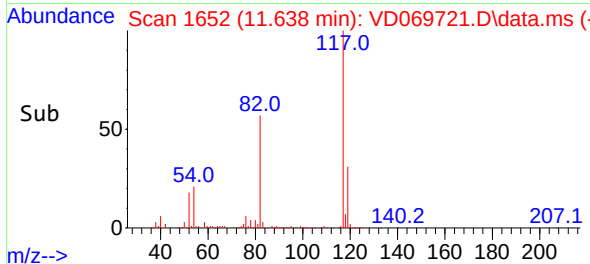
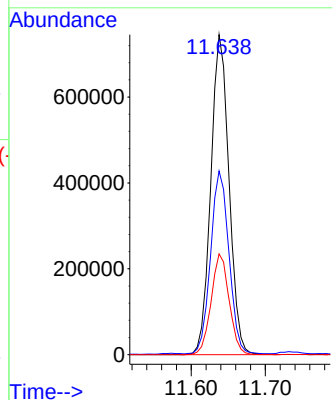
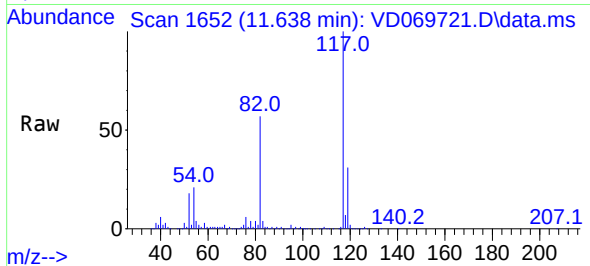




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

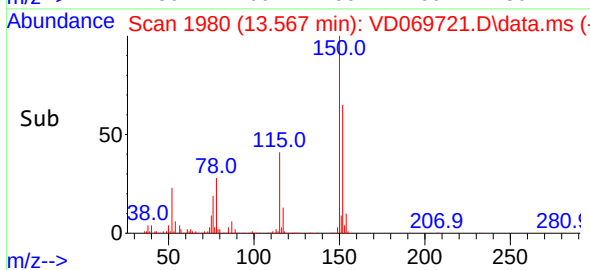
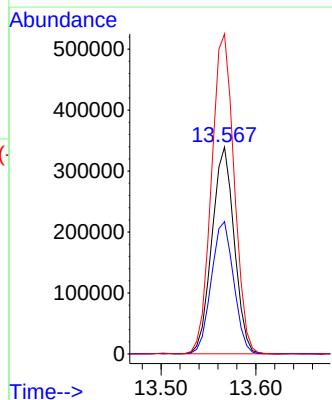
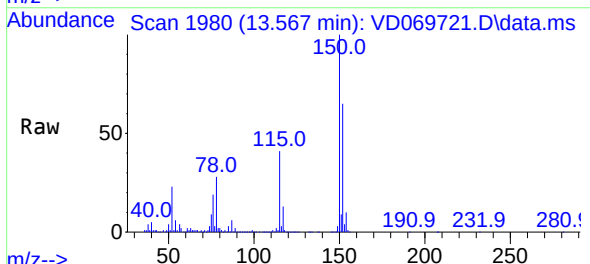
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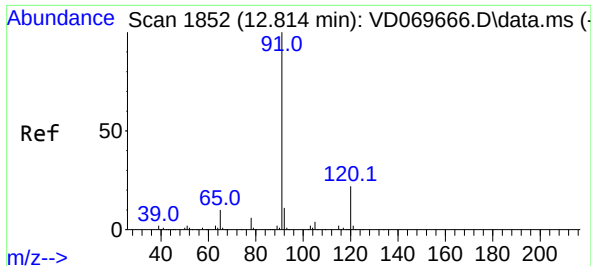
Tgt Ion:117 Resp: 1267901
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

Tgt Ion:152 Resp: 556404
Ion Ratio Lower Upper
152 100
115 64.1 31.7 95.1
150 157.2 0.0 350.4

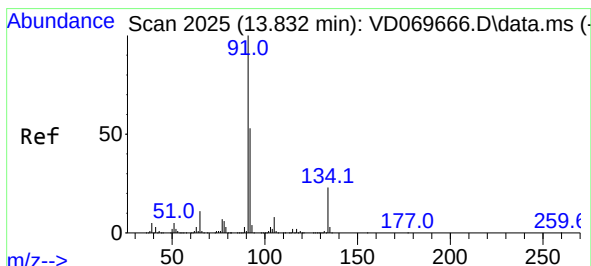
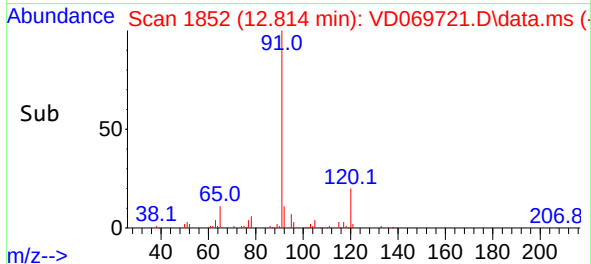
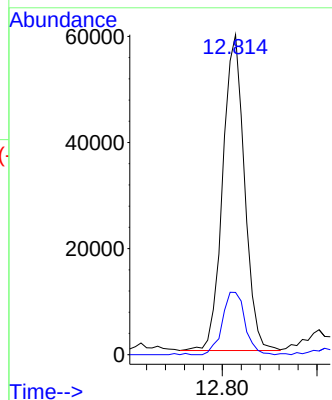
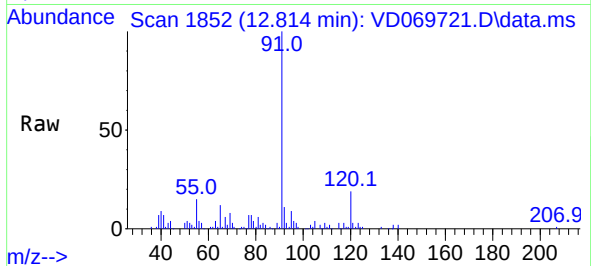




#78
n-propylbenzene
Concen: 1.891 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-3

Tgt Ion: 91 Resp: 95004
Ion Ratio Lower Upper
91 100
120 20.5 10.8 32.4



#89
n-Butylbenzene
Concen: 2.577 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069721.D
Acq: 16 Jul 2021 13:09

Tgt Ion: 91 Resp: 89520
Ion Ratio Lower Upper
91 100
92 48.5 26.6 79.8
134 37.2 11.7 35.1#

