

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071521\
 Data File : VD069713.D
 Acq On : 15 Jul 2021 18:01
 Operator : VA/SY
 Sample : M3026-10
 Misc : 12.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ABN-JG-4

Quant Time: Jul 16 02:03:58 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)

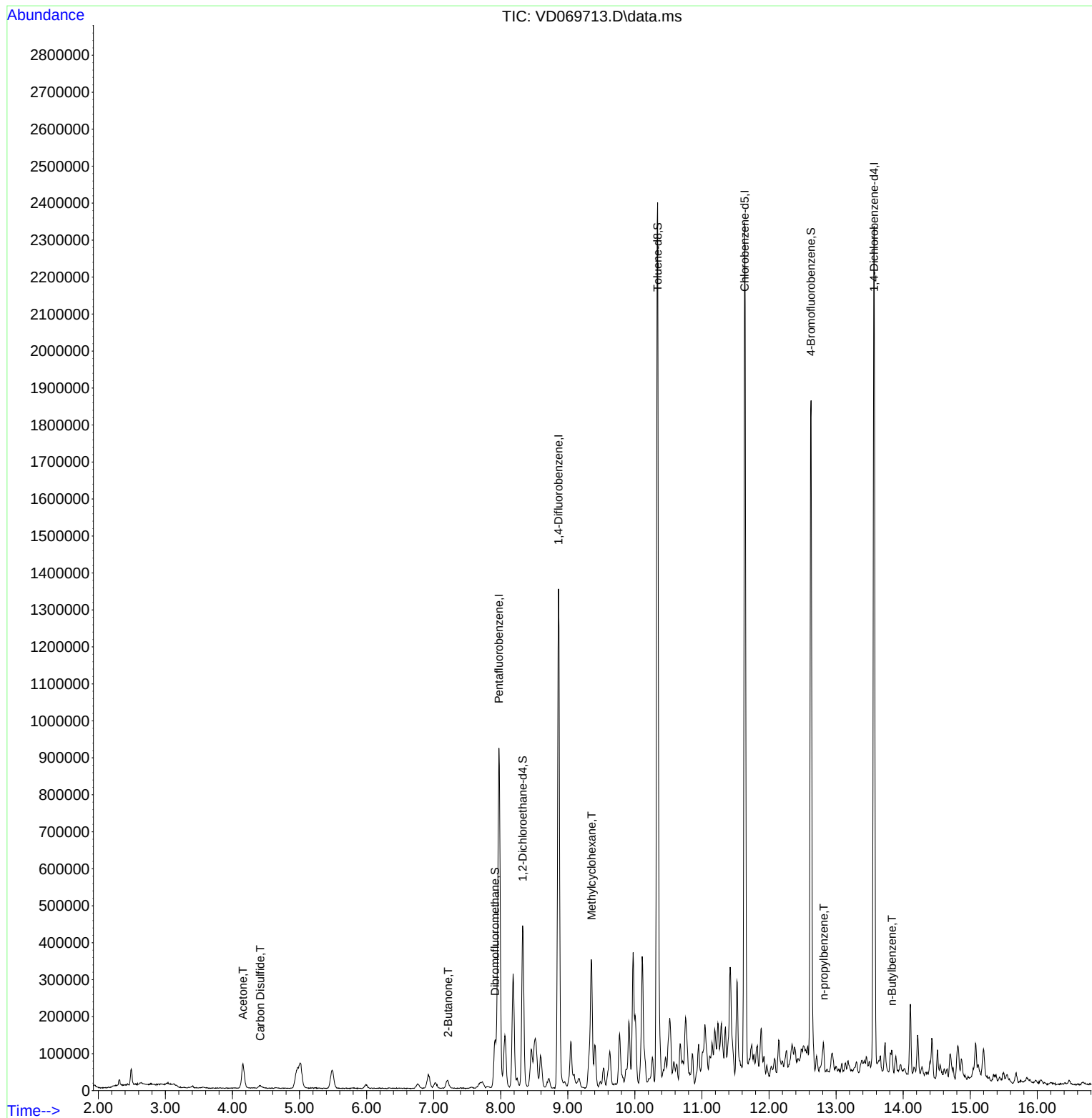
Internal Standards						
1) Pentafluorobenzene	7.973	168	561272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1101230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1295423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	589434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	347398	49.570	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.140%		
35) Dibromofluoromethane	7.915	113	92186	12.478	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	24.960%#		
50) Toluene-d8	10.338	98	1524929	53.129	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.260%		
62) 4-Bromofluorobenzene	12.626	95	654345	68.357	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	136.720%		
Target Compounds					Qvalue	
16) Acetone	4.156	43	112758	84.349	ug/l	96
17) Carbon Disulfide	4.415	76	13857	1.071	ug/l #	94
25) 2-Butanone	7.215	43	21539	13.004	ug/l #	79
39) Methylcyclohexane	9.356	83	109304	9.697	ug/l	92
78) n-propylbenzene	12.814	91	53696	1.009	ug/l	97
89) n-Butylbenzene	13.832	91	37985	1.032	ug/l #	87

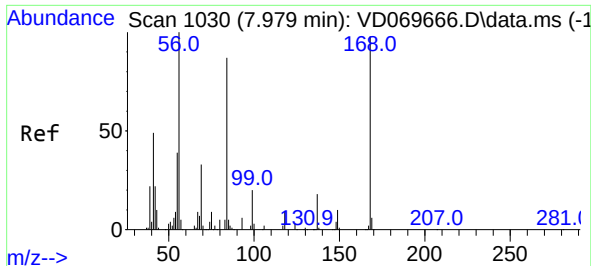
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 14 06:00:31 2021
Response via : Initial Calibration

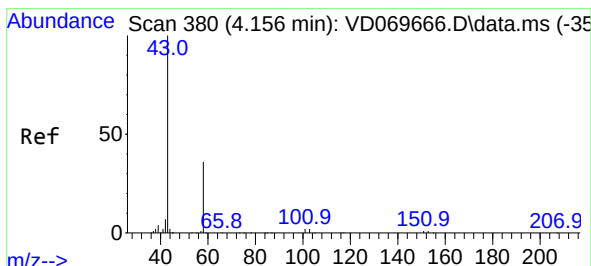
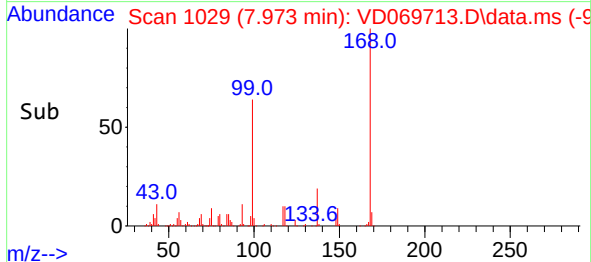
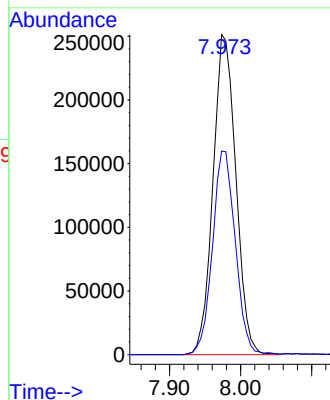
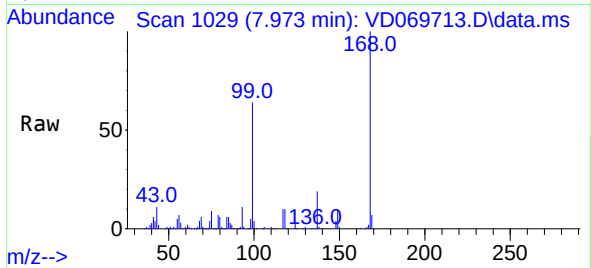




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

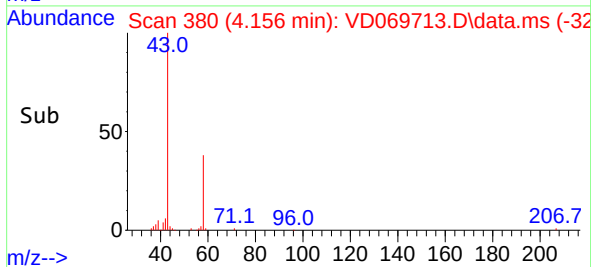
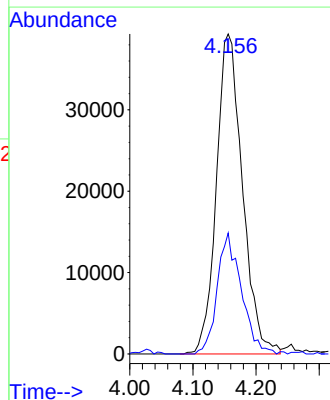
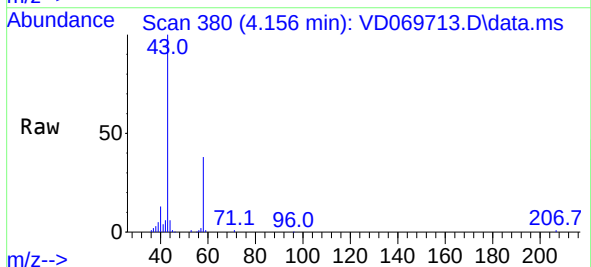
Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-4

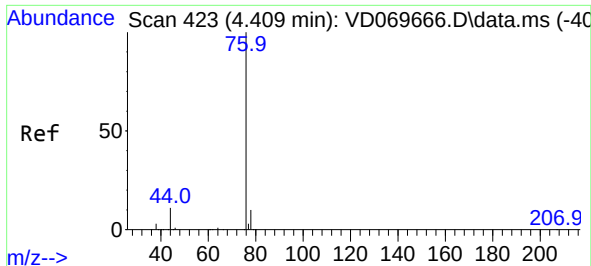
Tgt Ion:168 Resp: 561272
Ion Ratio Lower Upper
168 100
99 63.6 51.8 77.6



#16
Acetone
Concen: 84.349 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

Tgt Ion: 43 Resp: 112758
Ion Ratio Lower Upper
43 100
58 37.8 28.6 42.8

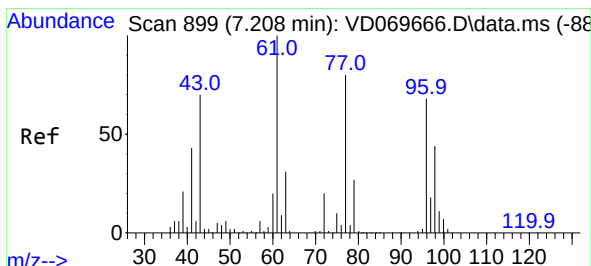
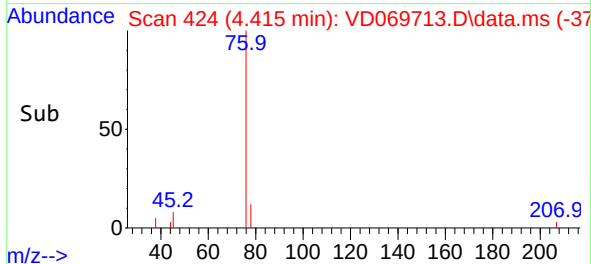
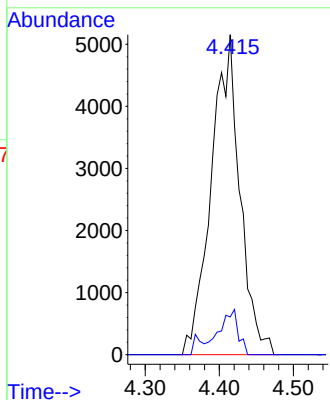
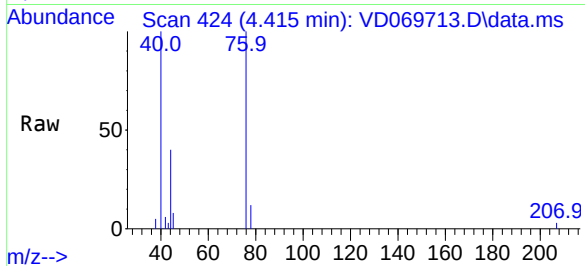




#17
Carbon Disulfide
Concen: 1.071 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

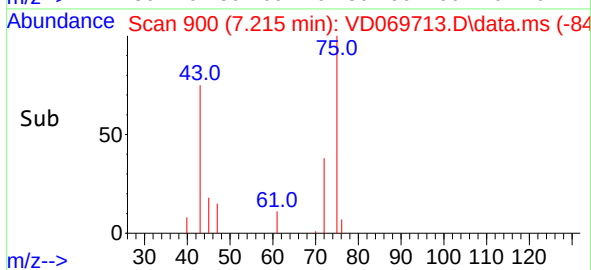
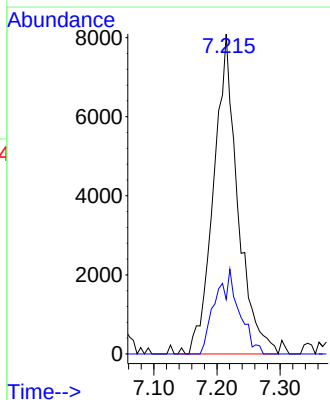
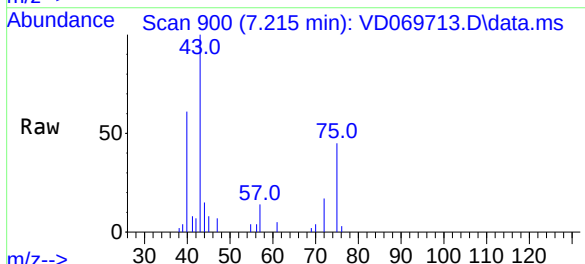
Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-4

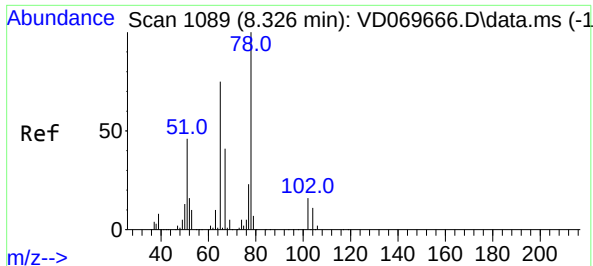
Tgt Ion: 76 Resp: 13857
Ion Ratio Lower Upper
76 100
78 11.8 7.6 11.4#



#25
2-Butanone
Concen: 13.004 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.007 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

Tgt Ion: 43 Resp: 21539
Ion Ratio Lower Upper
43 100
72 17.1 22.6 33.8#



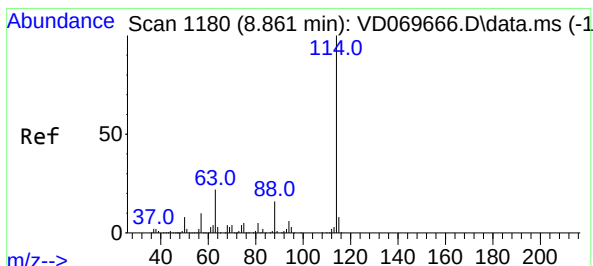
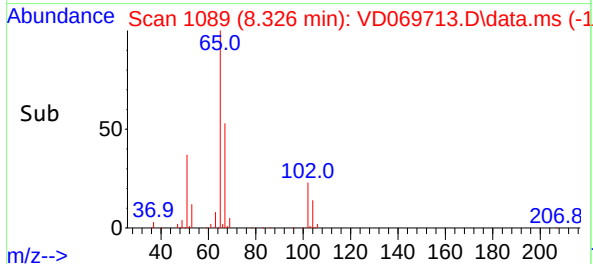
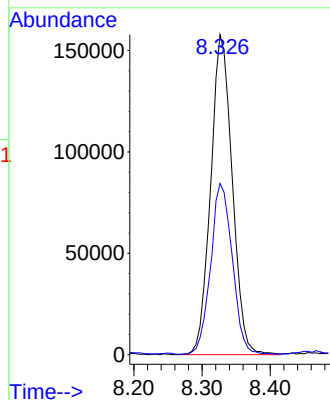
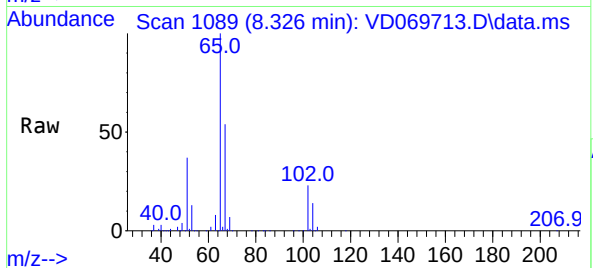


#33

1,2-Dichloroethane-d4
Concen: 49.570 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-4

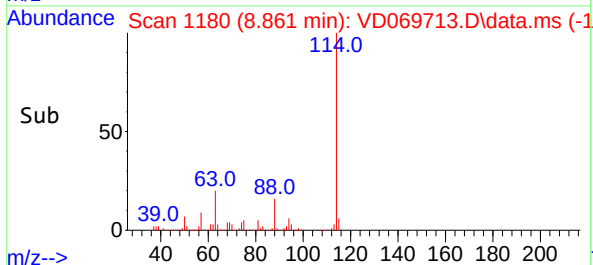
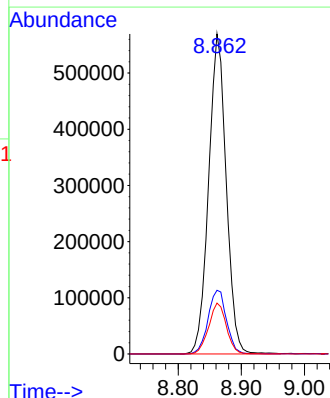
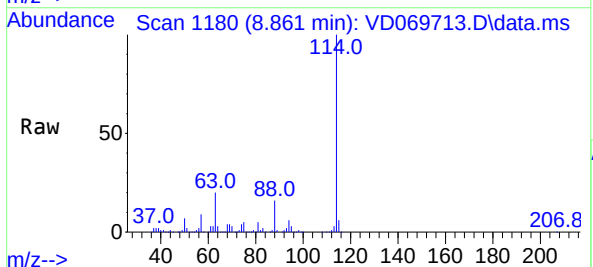
Tgt Ion: 65 Resp: 347398
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2

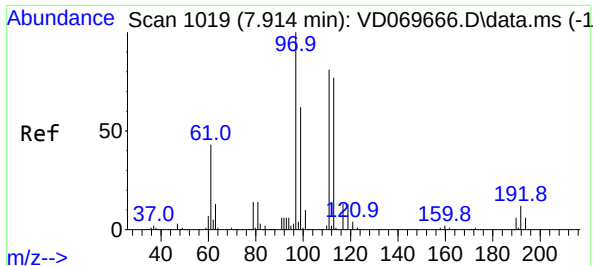


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

Tgt Ion:114 Resp: 1101230
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.4
88 15.9 0.0 32.0

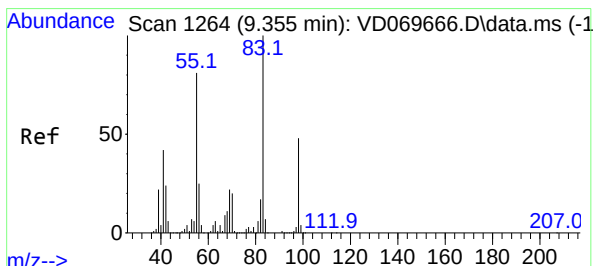
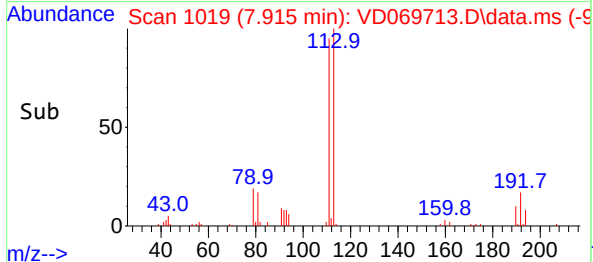
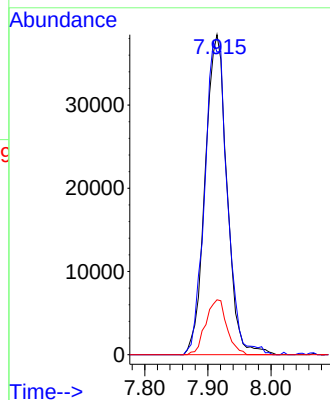
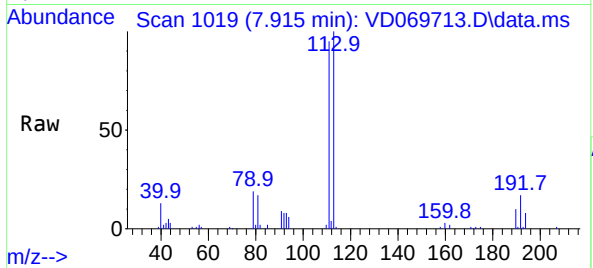




#35
Dibromofluoromethane
Concen: 12.478 ug/l
RT: 7.915 min Scan# 1019
Delta R.T. 0.001 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

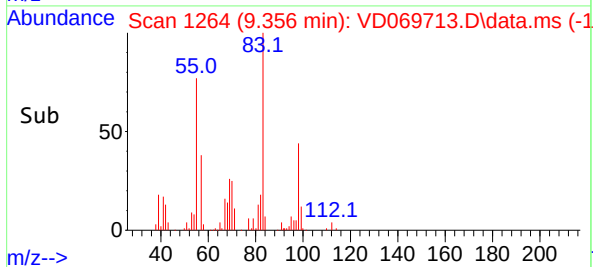
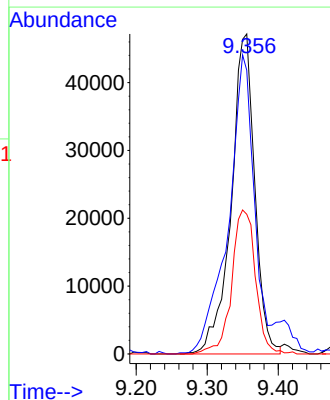
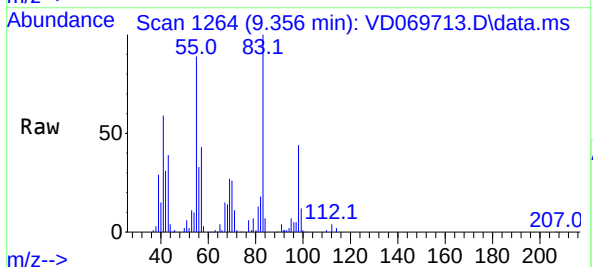
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ClientSampleId :
ABN-JG-4

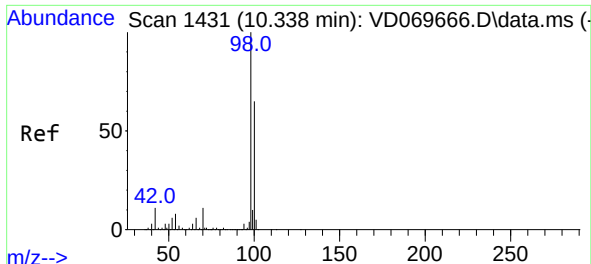
Tgt Ion:	113	Resp:	92186
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	16.6	12.7	19.1



#39
Methylcyclohexane
Concen: 9.697 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.001 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

Tgt Ion:	83	Resp:	109304
Ion	Ratio	Lower	Upper
83	100		
55	88.3	64.6	97.0
98	43.7	38.4	57.6

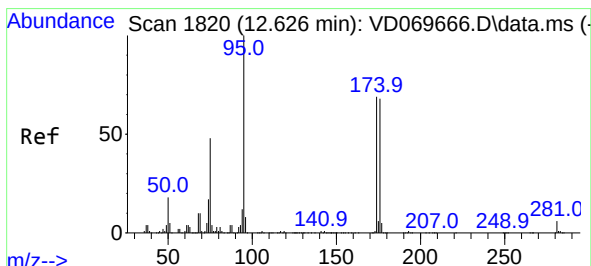
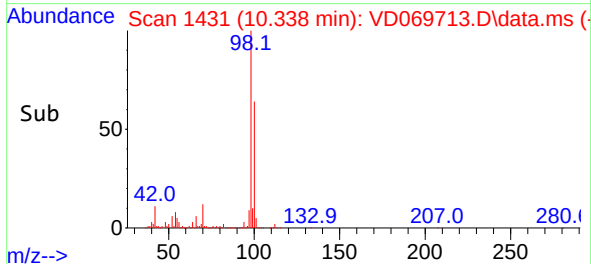
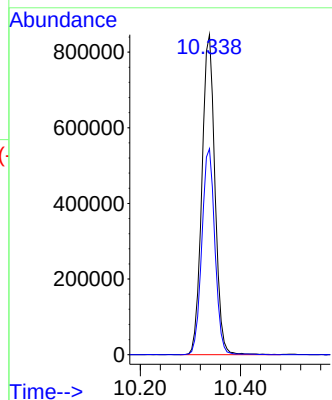
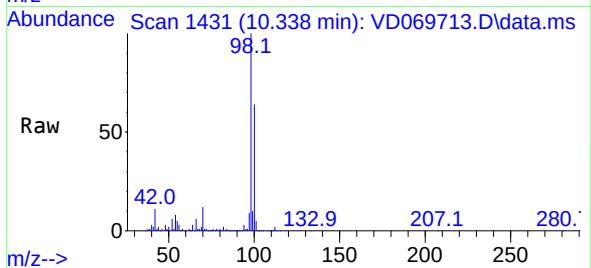




#50
Toluene-d8
Concen: 53.129 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

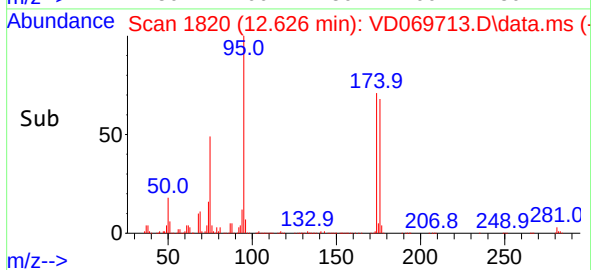
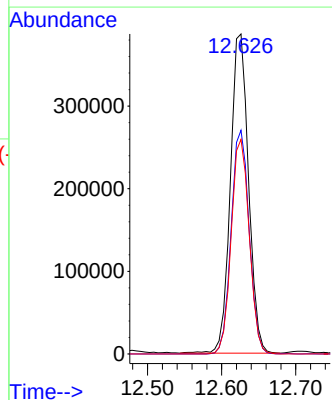
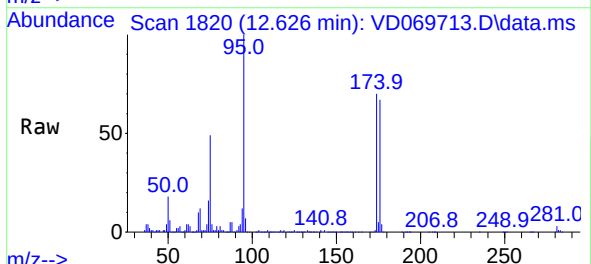
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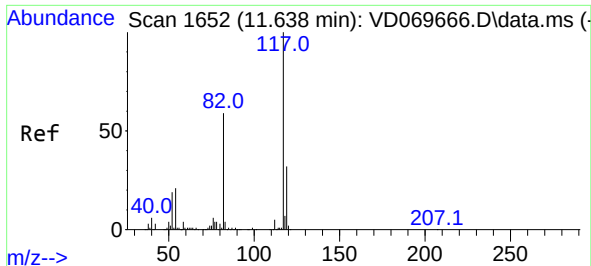
Tgt Ion: 98 Resp: 1524929
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 68.357 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

Tgt Ion: 95 Resp: 654345
Ion Ratio Lower Upper
95 100
174 69.7 0.0 140.0
176 66.9 0.0 136.2

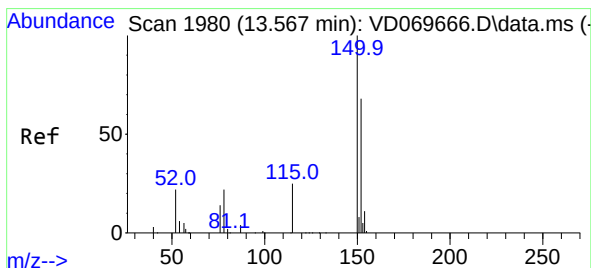
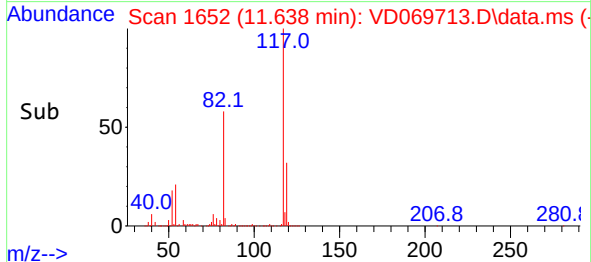
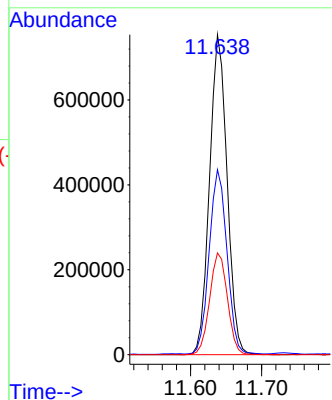
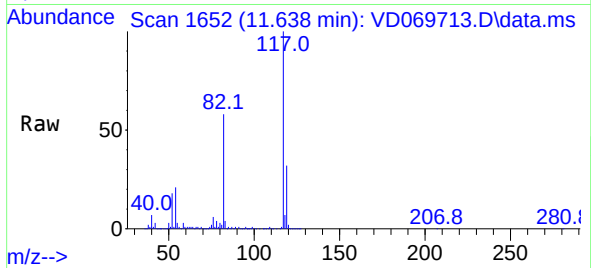




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

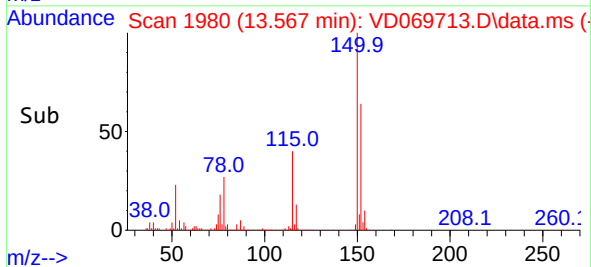
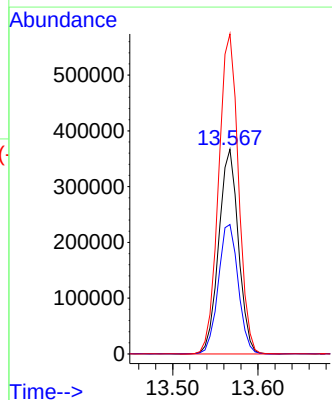
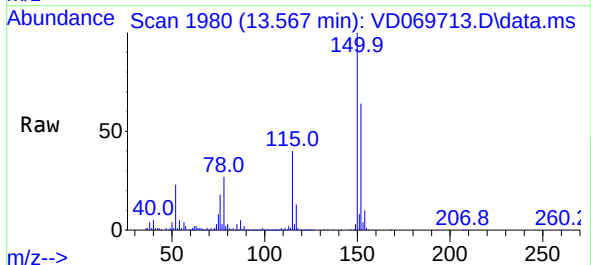
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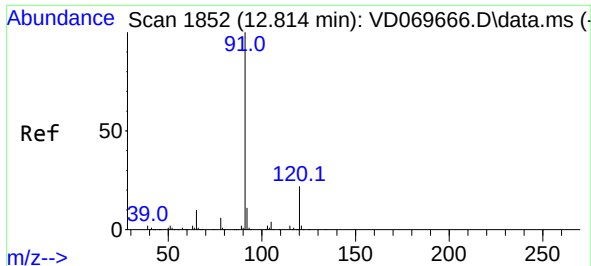
Tgt Ion:117 Resp: 1295423
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

Tgt Ion:152 Resp: 589434
Ion Ratio Lower Upper
152 100
115 64.4 31.7 95.1
150 157.6 0.0 350.4

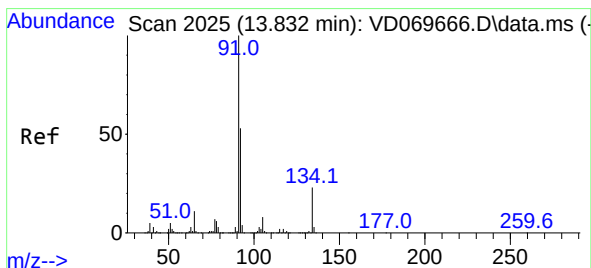
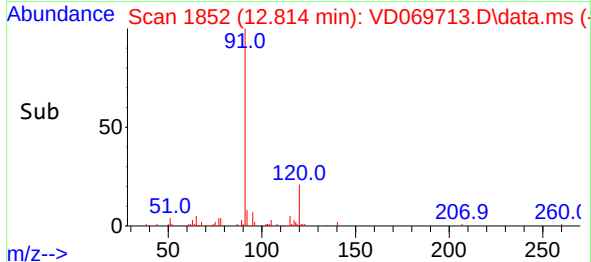
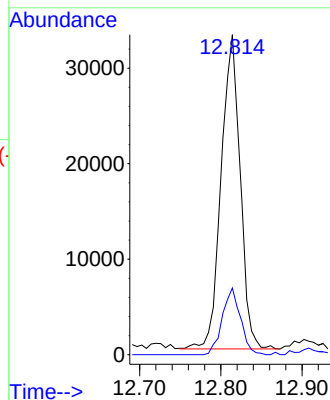
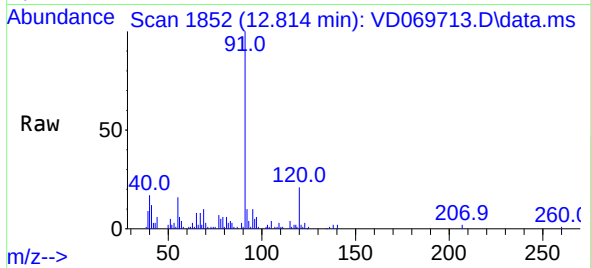




#78
n-propylbenzene
Concen: 1.009 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

Instrument :
MSVOA_D
ClientSampleId :
ABN-JG-4

Tgt Ion: 91 Resp: 53696
Ion Ratio Lower Upper
91 100
120 20.2 10.8 32.4



#89
n-Butylbenzene
Concen: 1.032 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069713.D
Acq: 15 Jul 2021 18:01

Tgt Ion: 91 Resp: 37985
Ion Ratio Lower Upper
91 100
92 50.5 26.6 79.8
134 40.4 11.7 35.1#

