

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068677.D
 Acq On : 25 Sep 2021 19:16
 Operator : JC/MD
 Sample : M3904-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JET-GROUT-SPOIL-STEEL-WHEEL

Quant Time: Sep 27 04:47:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

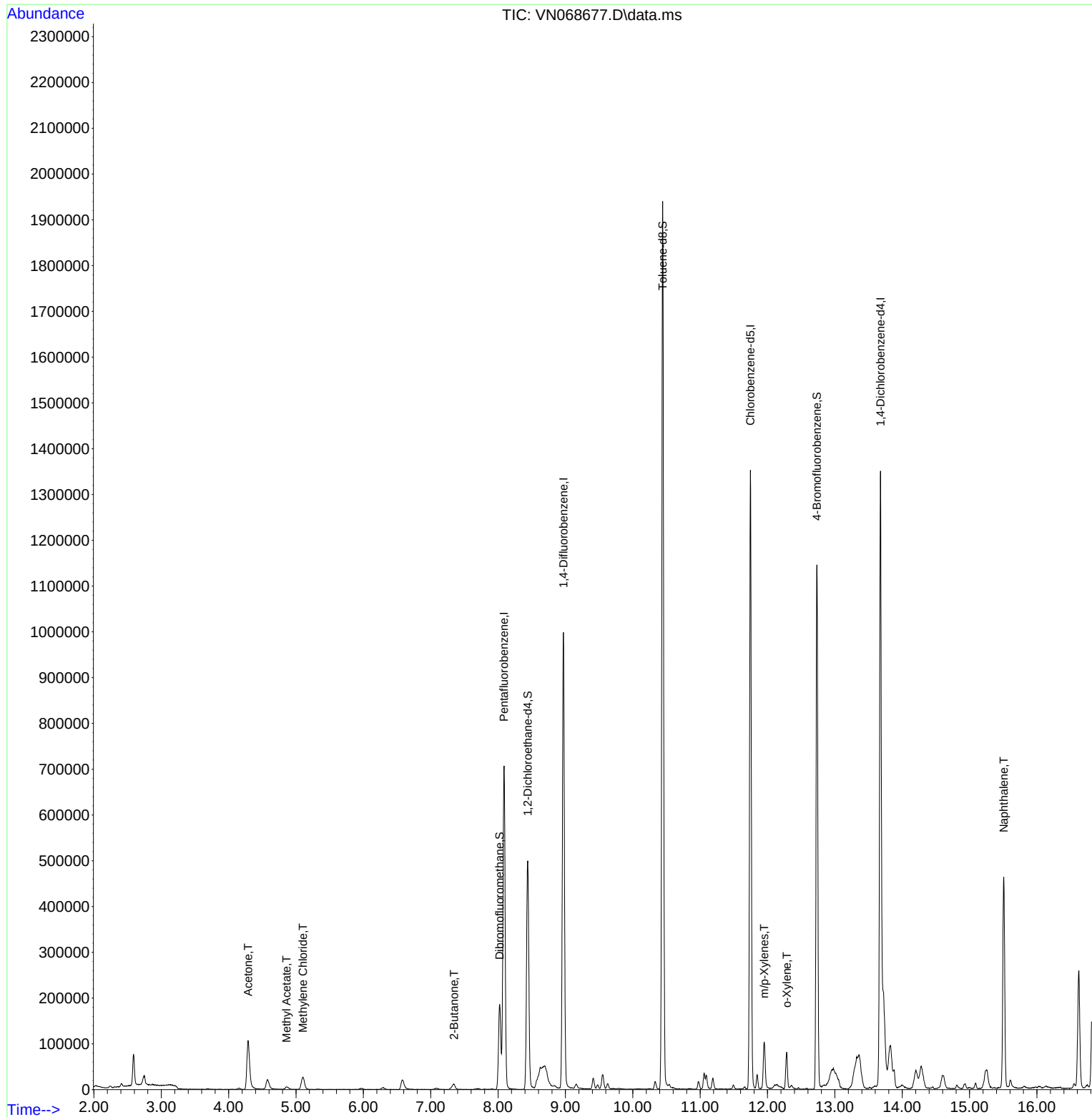
Internal Standards						
1) Pentafluorobenzene	8.088	168	529064	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	861637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	753920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	336023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	428164	51.909	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.820%	
35) Dibromofluoromethane	8.024	113	134988	22.929	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 45.860%#	
50) Toluene-d8	10.443	98	1316348	53.868	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.740%	
62) 4-Bromofluorobenzene	12.734	95	386914	46.296	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.600%	
Target Compounds						
					Qvalue	
16) Acetone	4.288	43	198693	57.494	ug/l	94
18) Methyl Acetate	4.859	43	13152	1.083	ug/l	# 58
20) Methylene Chloride	5.103	84	20711	1.376	ug/l	94
25) 2-Butanone	7.348	43	19758	3.924	ug/l	96
68) m/p-Xylenes	11.953	106	32157	3.019	ug/l	88
69) o-Xylene	12.286	106	22069	2.109	ug/l	87
95) Naphthalene	15.507	128	427565	27.178	ug/l	99

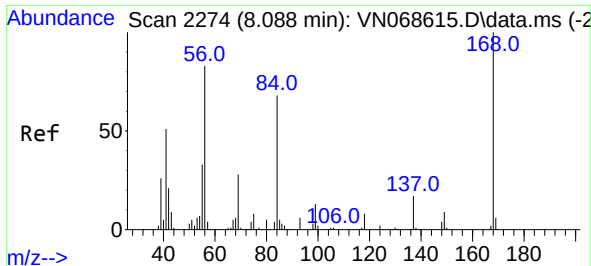
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
Data File : VN068677.D
Acq On : 25 Sep 2021 19:16
Operator : JC/MD
Sample : M3904-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

Quant Time: Sep 27 04:47:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 13:52:37 2021
Response via : Initial Calibration

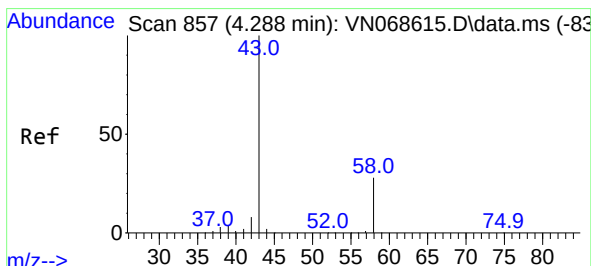
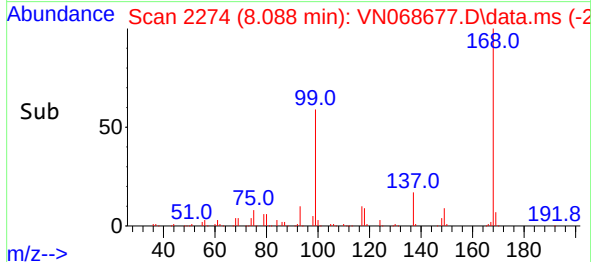
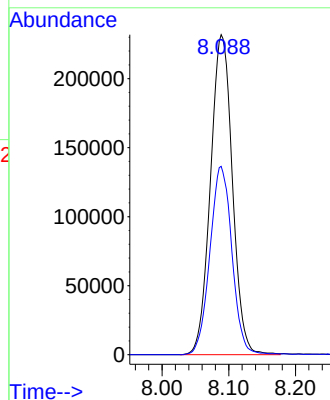
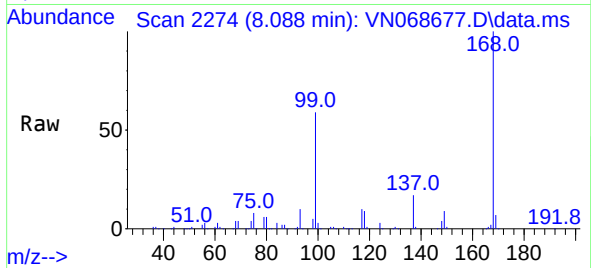




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

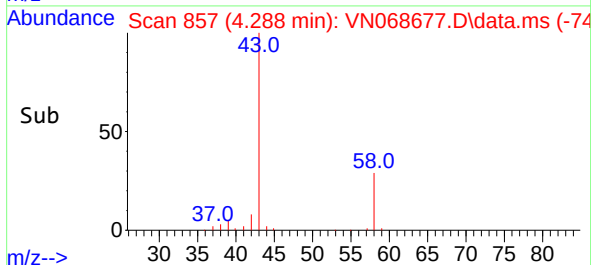
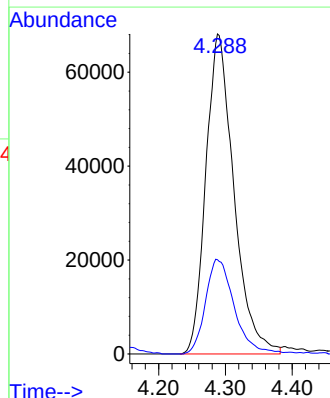
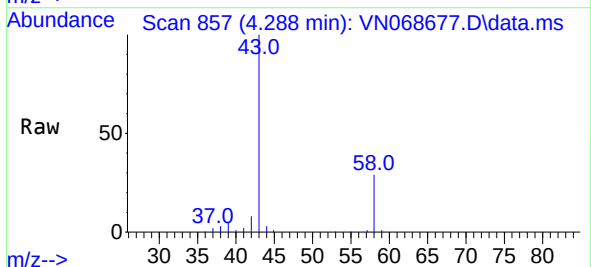
Instrument :
MSVOA_N
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

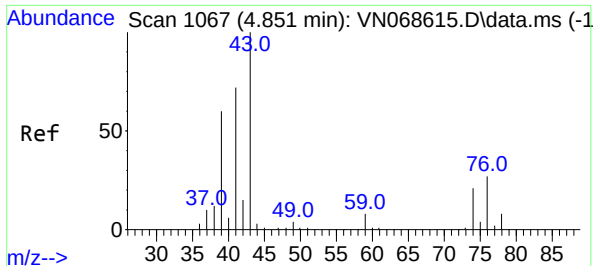
Tgt Ion:168 Resp: 529064
Ion Ratio Lower Upper
168 100
99 58.8 62.9 94.3#



#16
Acetone
Concen: 57.494 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

Tgt Ion: 43 Resp: 198693
Ion Ratio Lower Upper
43 100
58 29.5 21.2 31.8

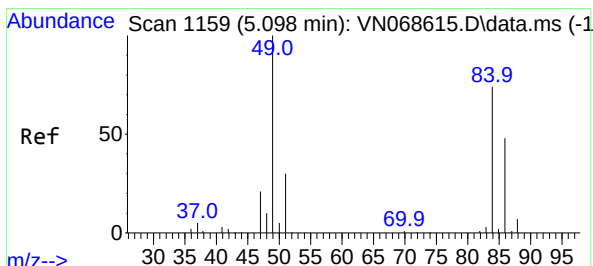
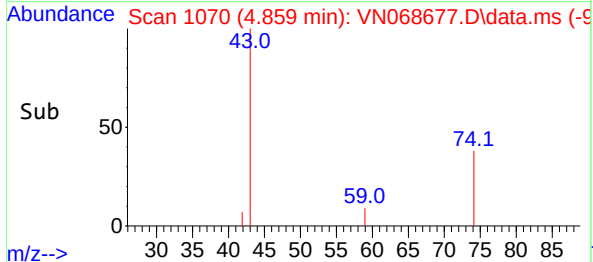
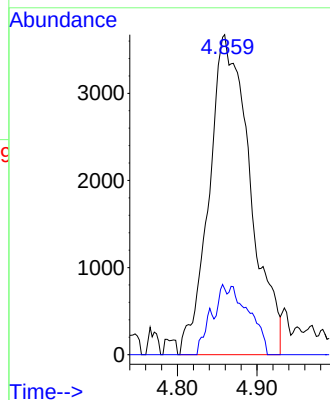
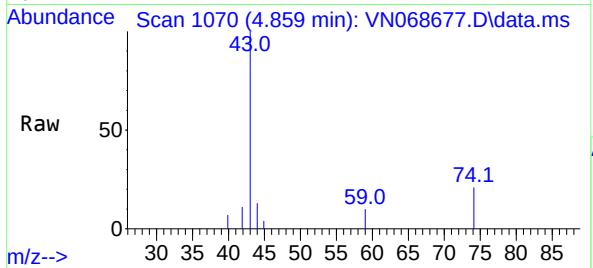




#18
Methyl Acetate
Concen: 1.083 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.008 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

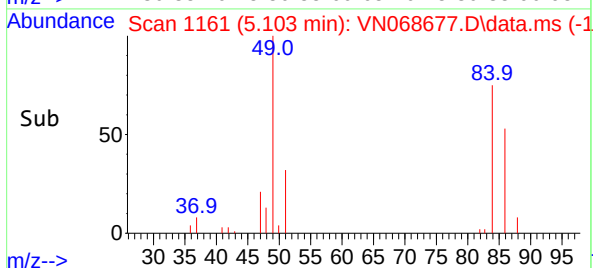
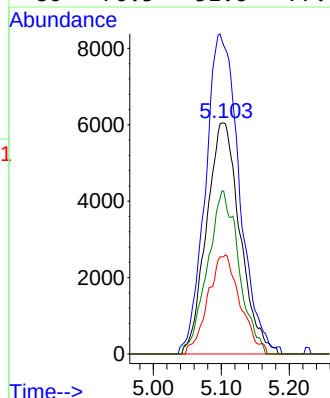
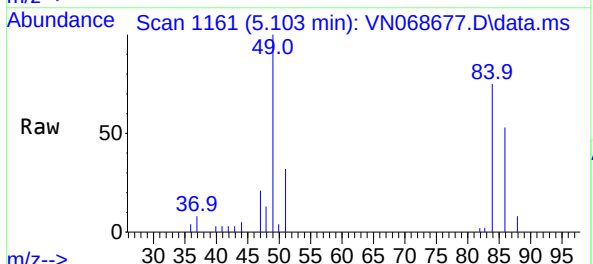
Instrument :
MSVOA_N
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

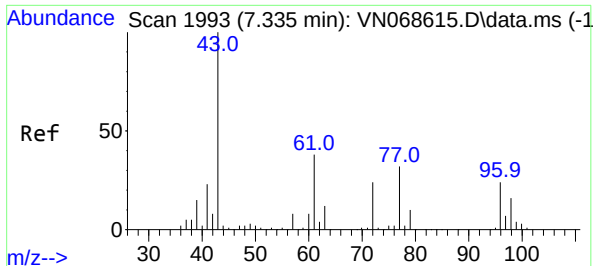
Tgt Ion: 43 Resp: 13152
Ion Ratio Lower Upper
43 100
74 1.9 17.4 26.0#



#20
Methylene Chloride
Concen: 1.376 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.005 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

Tgt Ion: 84 Resp: 20711
Ion Ratio Lower Upper
84 100
49 130.6 110.9 166.3
51 42.1 32.6 49.0
86 70.5 51.6 77.4

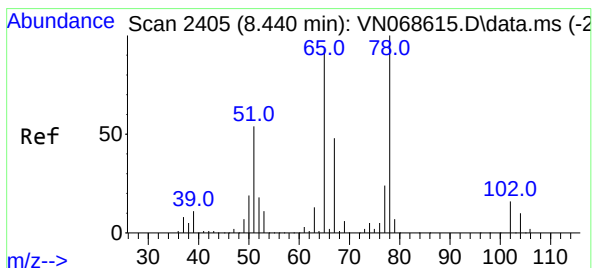
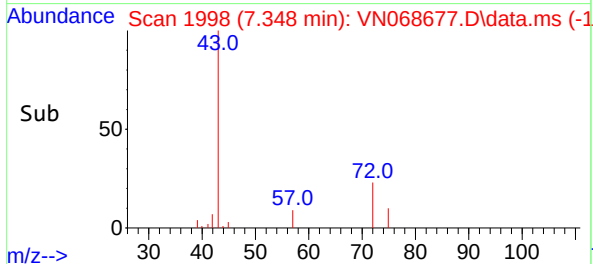
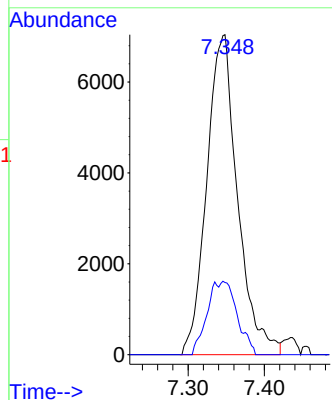
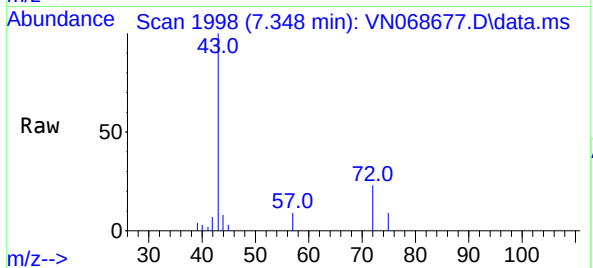




#25
2-Butanone
Concen: 3.924 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

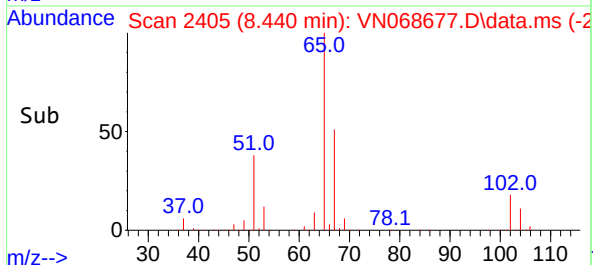
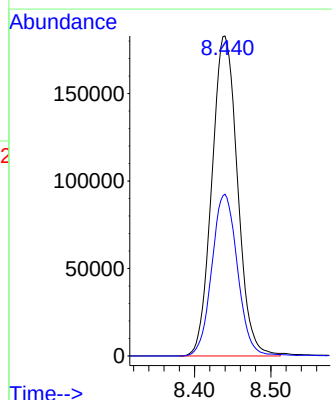
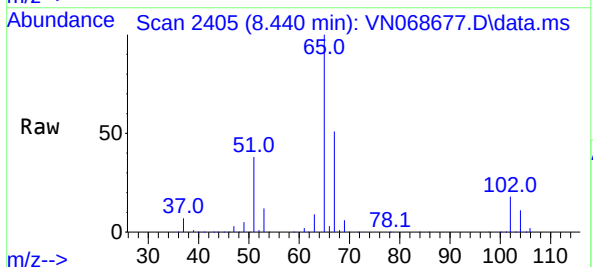
Instrument :
MSVOA_N
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

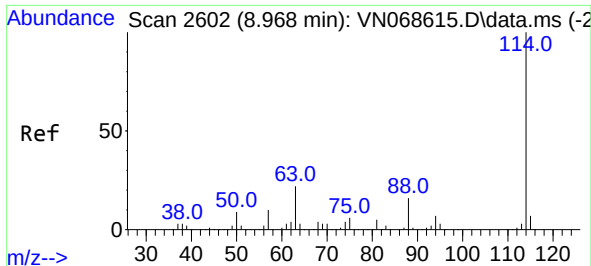
Tgt Ion: 43 Resp: 19758
Ion Ratio Lower Upper
43 100
72 22.6 19.7 29.5



#33
1,2-Dichloroethane-d4
Concen: 51.909 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

Tgt Ion: 65 Resp: 428164
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.6

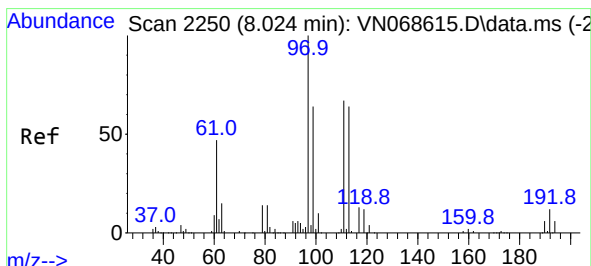
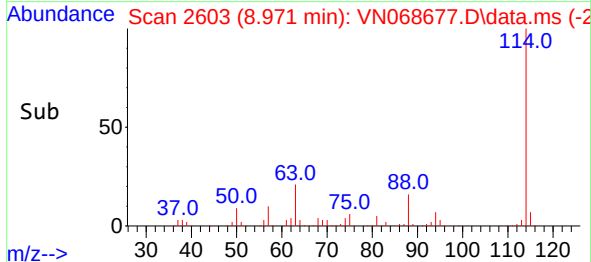
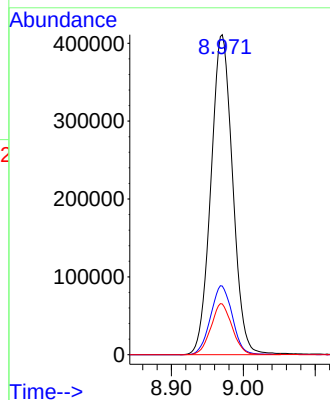
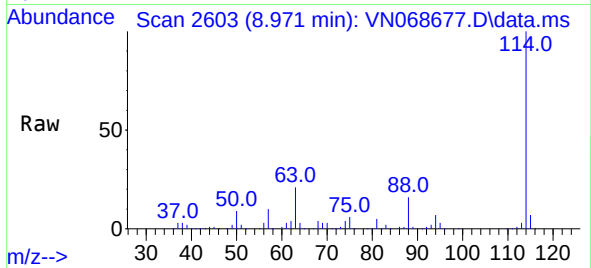




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

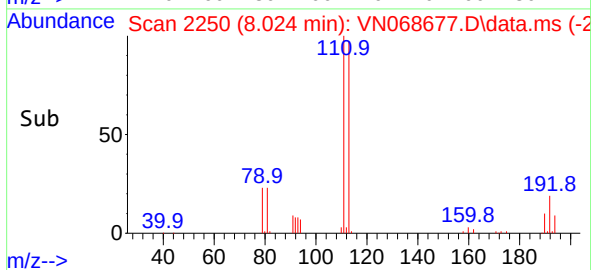
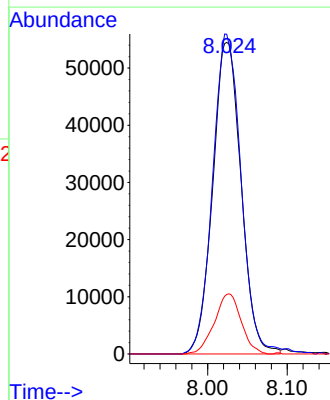
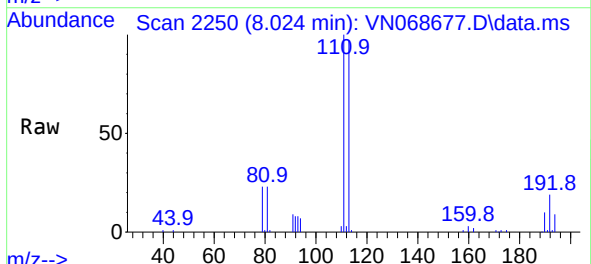
Instrument :
MSVOA_N
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

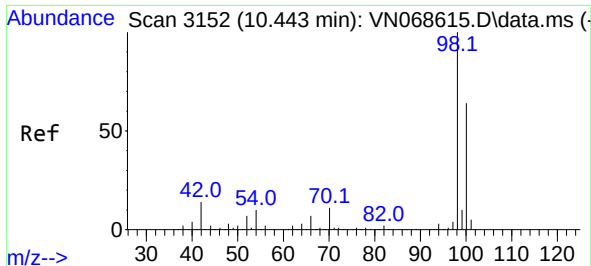
Tgt Ion:114 Resp: 861637
Ion Ratio Lower Upper
114 100
63 21.5 0.0 49.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 22.929 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

Tgt Ion:113 Resp: 134988
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.8
192 18.3 13.4 20.0

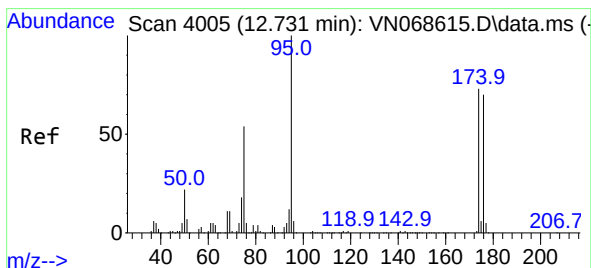
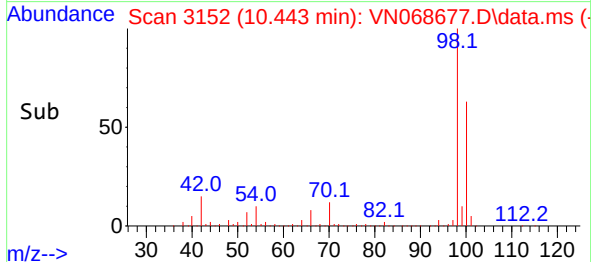
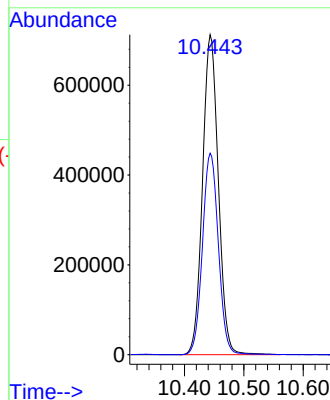
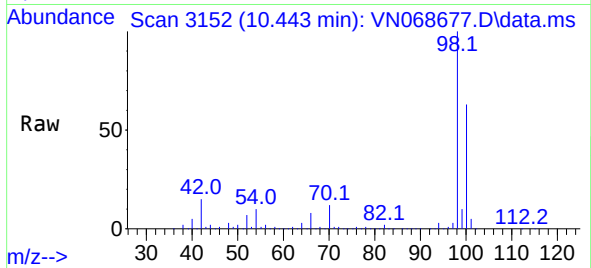




#50
Toluene-d8
Concen: 53.868 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

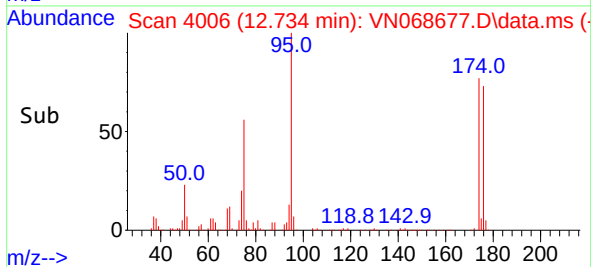
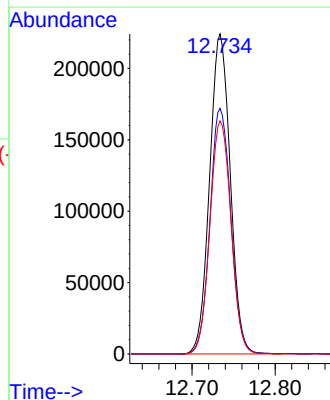
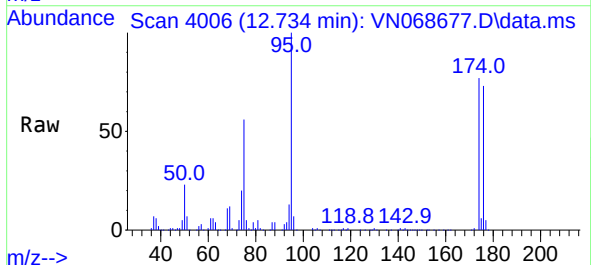
Instrument :
MSVOA_N
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

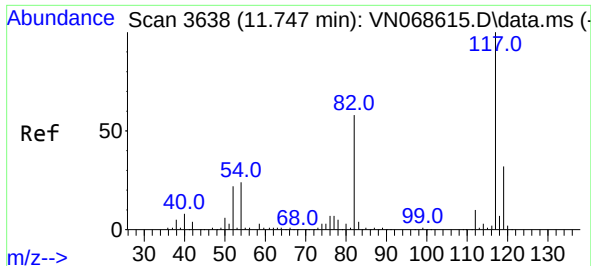
Tgt Ion: 98 Resp: 1316348
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.296 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

Tgt Ion: 95 Resp: 386914
Ion Ratio Lower Upper
95 100
174 77.7 0.0 122.0
176 74.2 0.0 117.6

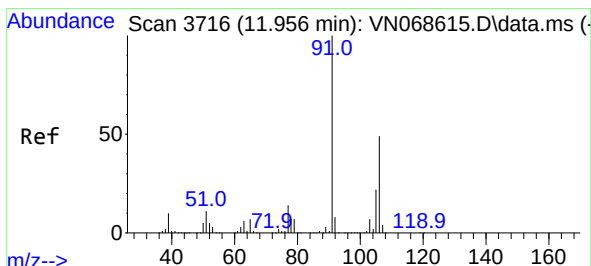
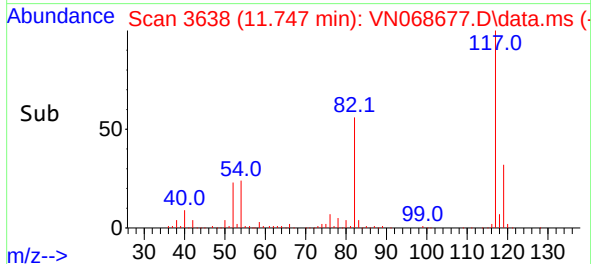
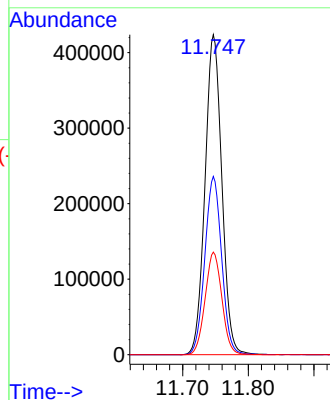
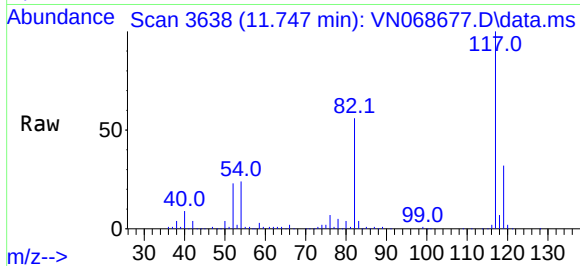




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

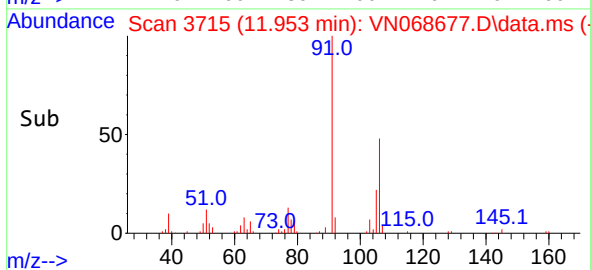
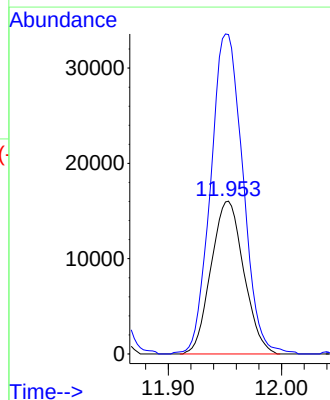
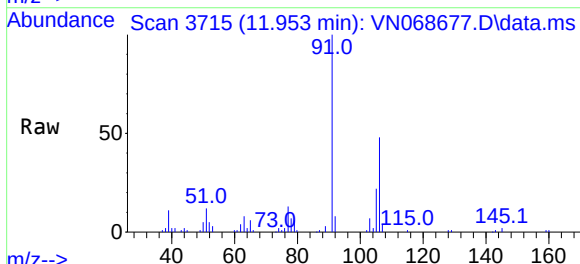
Instrument :
MSVOA_N
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

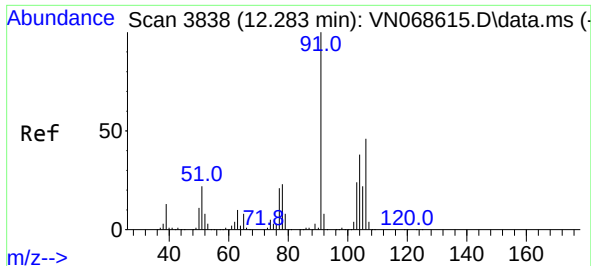
Tgt Ion:117 Resp: 753920
Ion Ratio Lower Upper
117 100
82 55.7 53.1 79.7
119 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 3.019 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

Tgt Ion:106 Resp: 32157
Ion Ratio Lower Upper
106 100
91 206.5 180.6 270.8

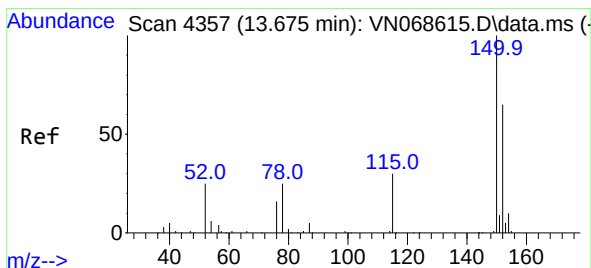
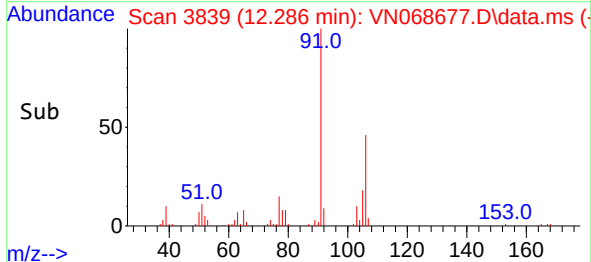
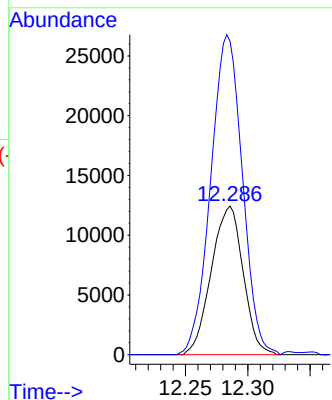
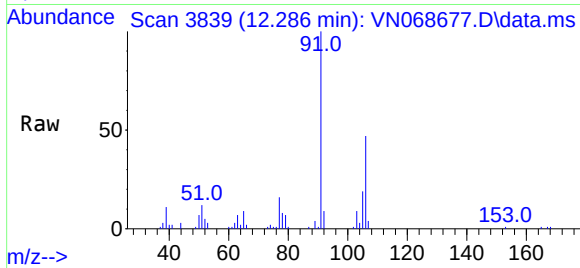




#69
o-Xylene
Concen: 2.109 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

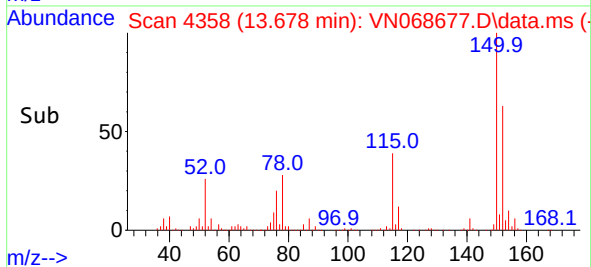
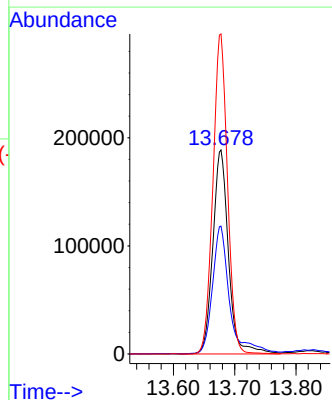
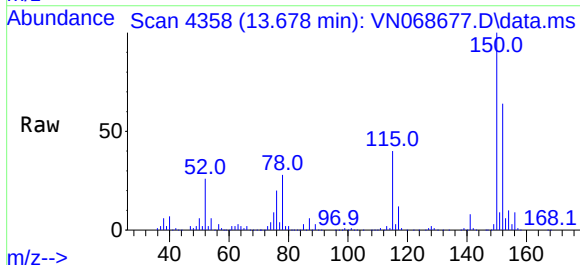
Instrument :
MSVOA_N
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

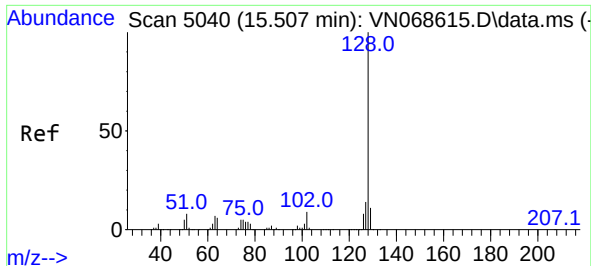
Tgt Ion:106 Resp: 22069
Ion Ratio Lower Upper
106 100
91 214.1 118.3 354.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

Tgt Ion:152 Resp: 336023
Ion Ratio Lower Upper
152 100
115 62.5 36.1 108.5
150 145.5 0.0 351.8





#95
Naphthalene
Concen: 27.178 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068677.D
Acq: 25 Sep 2021 19:16

Instrument :
MSVOA_N
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

Tgt Ion:128 Resp: 427565
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.2 8.6 12.8

