

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068490.D
 Acq On : 15 Sep 2021 17:50
 Operator : JC/MD
 Sample : M3759-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31205

Quant Time: Sep 16 03:17:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

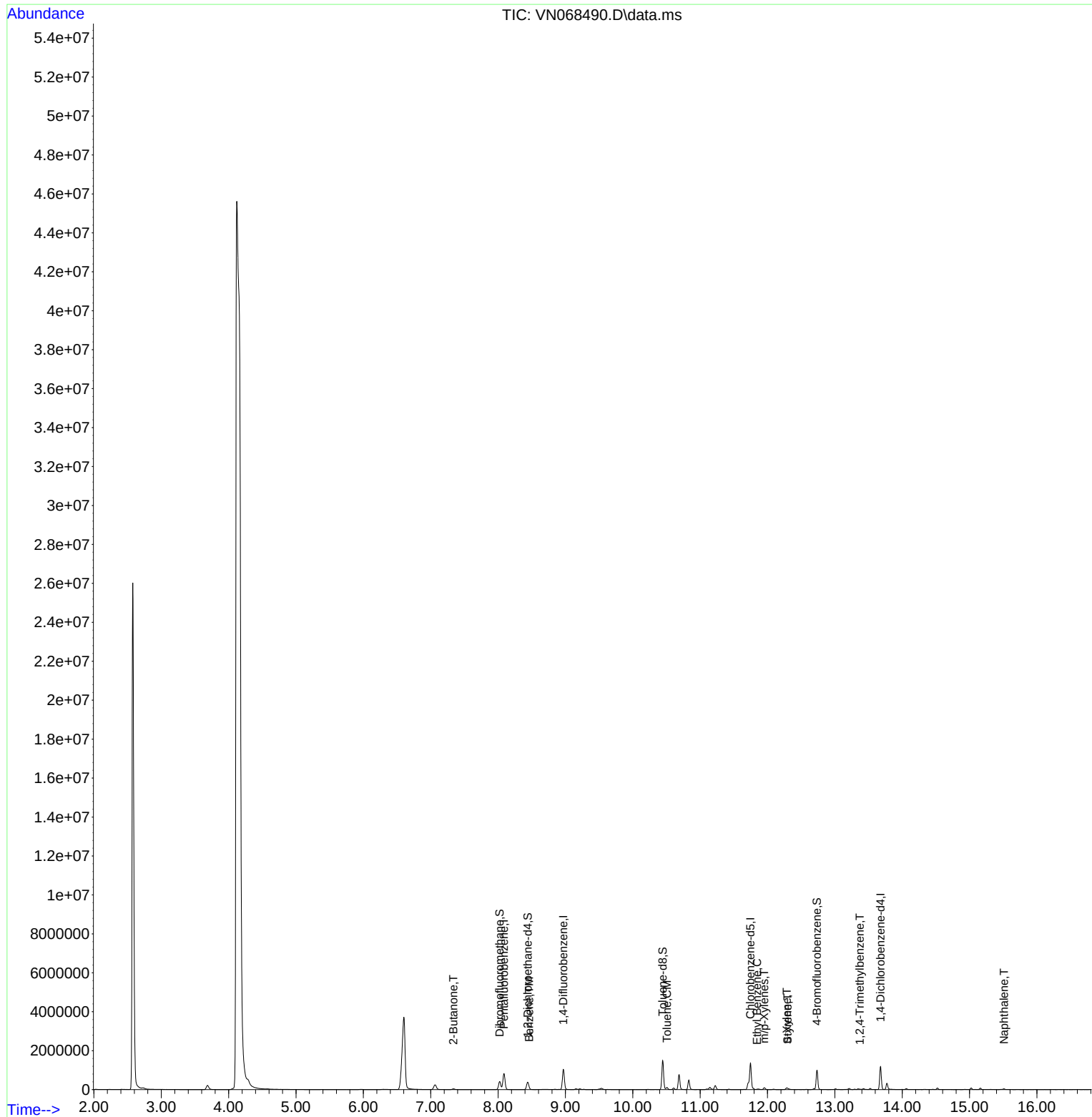
Internal Standards						
1) Pentafluorobenzene	8.088	168	748942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	981461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	856169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	366675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	306336	44.590	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.180%
35) Dibromofluoromethane	8.024	113	299403	50.579	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.160%
50) Toluene-d8	10.443	98	1102011	51.251	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.733	95	327339	47.575	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.160%
Target Compounds						
					Qvalue	
25) 2-Butanone	7.337	43	60261	18.051	ug/l	99
40) Benzene	8.461	78	18967	0.783	ug/l #	89
52) Toluene	10.507	92	46696	2.906	ug/l	99
67) Ethyl Benzene	11.846	91	15130	0.526	ug/l	95
68) m/p-Xylenes	11.953	106	34618	2.987	ug/l	99
69) o-Xylene	12.286	106	15394	1.363	ug/l	98
70) Styrene	12.299	104	22436	1.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	8680	0.427	ug/l	84
95) Naphthalene	15.509	128	38387	5.956	ug/l	97

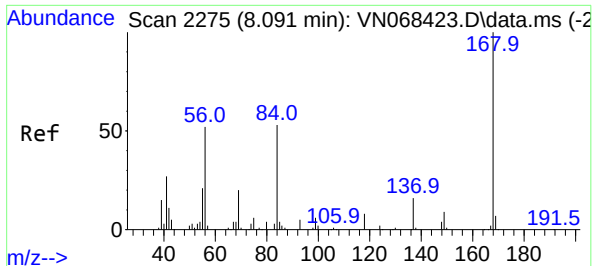
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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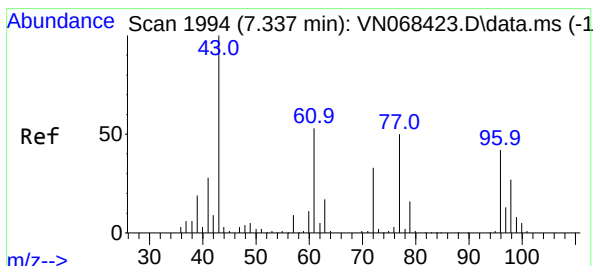
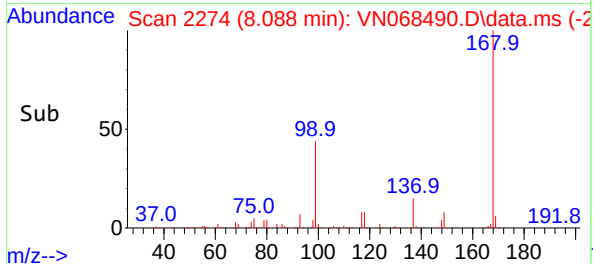
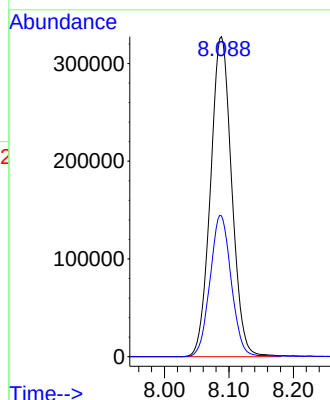
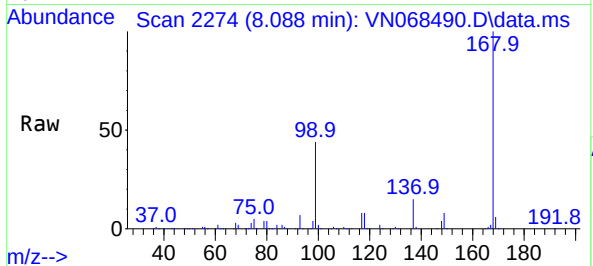




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

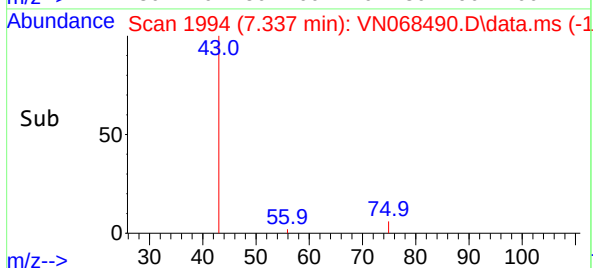
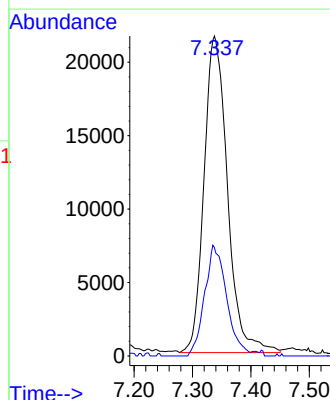
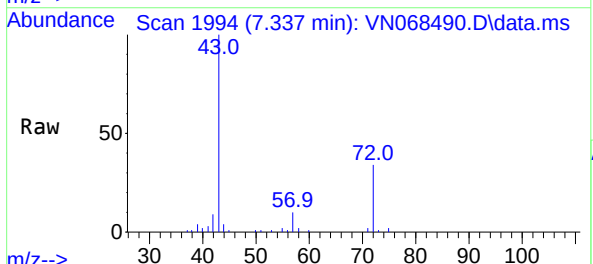
Instrument :
MSVOA_N
ClientSampled :
31205

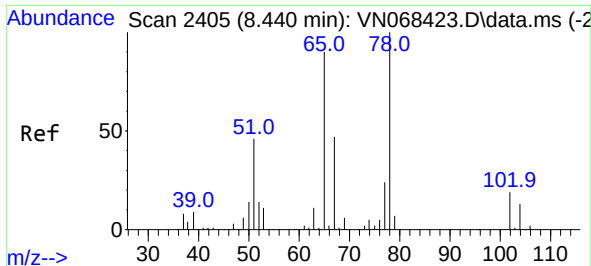
Tgt Ion:168 Resp: 748942
Ion Ratio Lower Upper
168 100
99 44.0 38.2 57.4



#25
2-Butanone
Concen: 18.051 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

Tgt Ion: 43 Resp: 60261
Ion Ratio Lower Upper
43 100
72 34.2 26.7 40.1



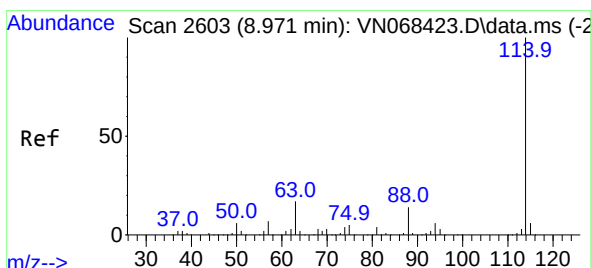
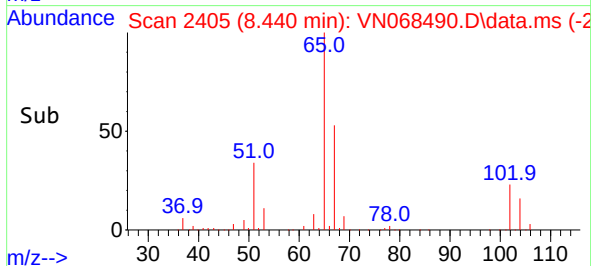
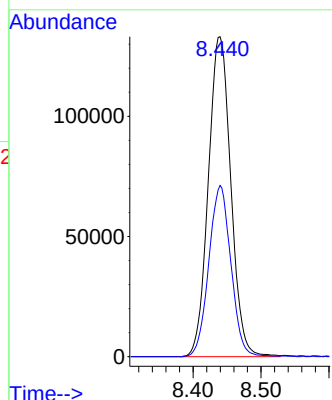
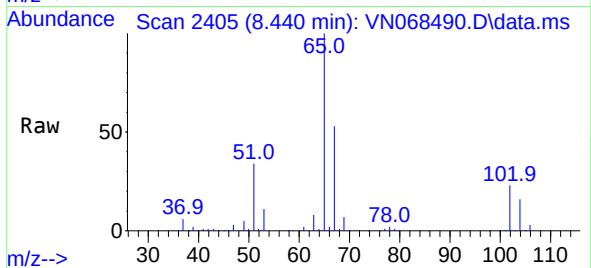


#33

1,2-Dichloroethane-d4
Concen: 44.590 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

Instrument :
MSVOA_N
ClientSampled :
31205

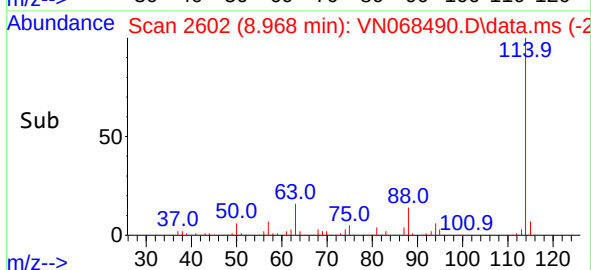
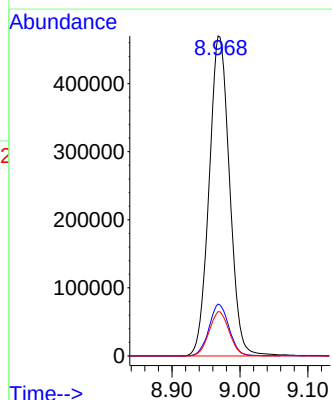
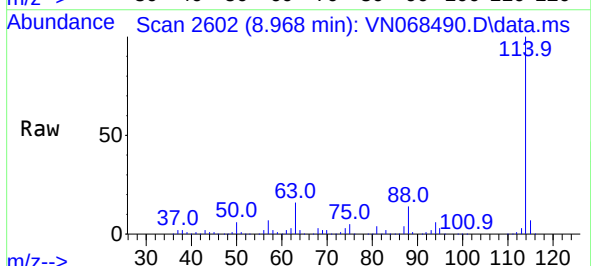
Tgt Ion: 65 Resp: 306336
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0

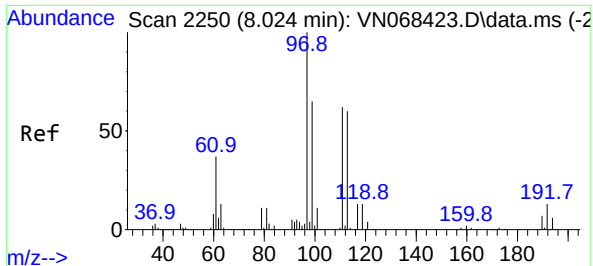


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

Tgt Ion: 114 Resp: 981461
Ion Ratio Lower Upper
114 100
63 16.2 0.0 33.2
88 13.8 0.0 28.4



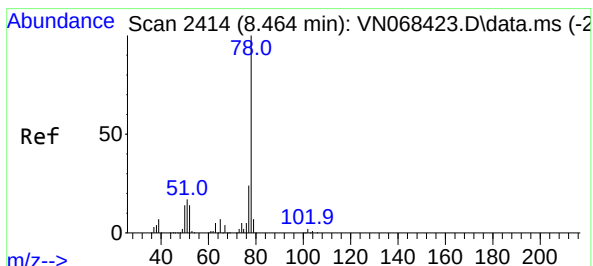
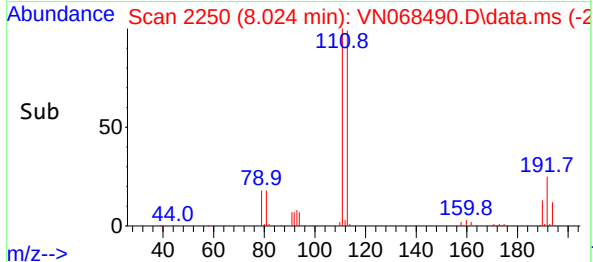
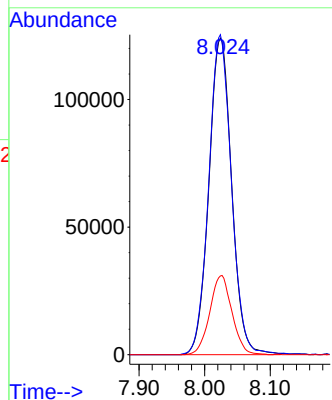
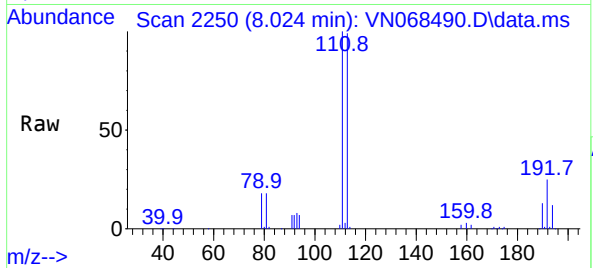


#35
 Dibromofluoromethane
 Concen: 50.579 ug/l
 RT: 8.024 min Scan# 2250
 Delta R.T. 0.000 min
 Lab File: VN068490.D
 Acq: 15 Sep 2021 17:50

Instrument :
 MSVOA_N
 ClientSampled :
 31205

Tgt Ion:113 Resp: 299403

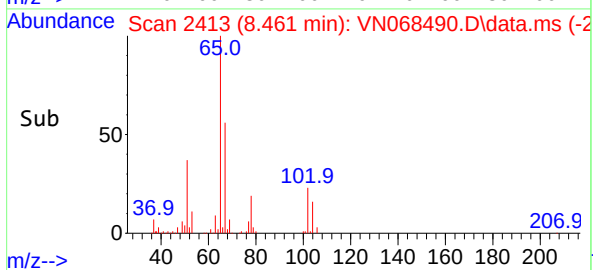
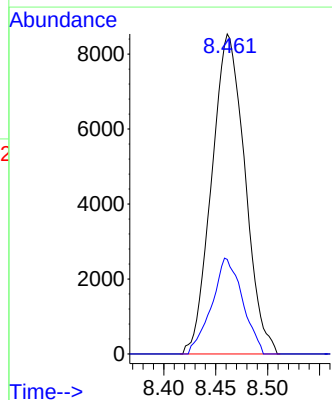
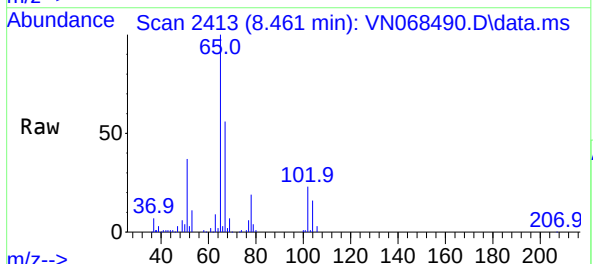
Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.1	121.7
192	24.4	17.7	26.5

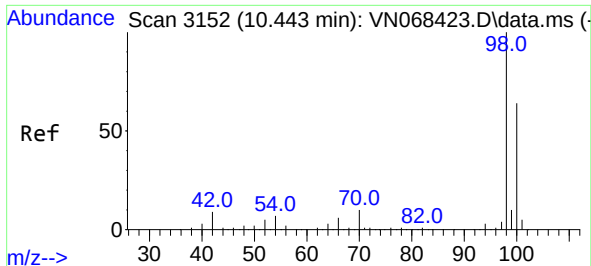


#40
 Benzene
 Concen: 0.783 ug/l
 RT: 8.461 min Scan# 2413
 Delta R.T. -0.003 min
 Lab File: VN068490.D
 Acq: 15 Sep 2021 17:50

Tgt Ion: 78 Resp: 18967

Ion	Ratio	Lower	Upper
78	100		
77	29.6	19.3	28.9#

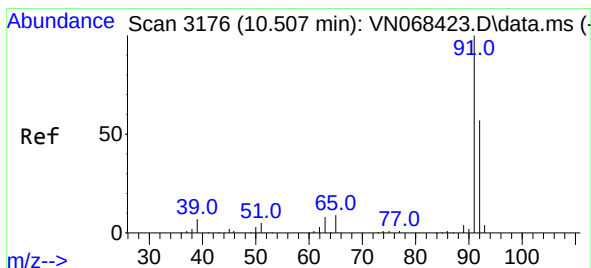
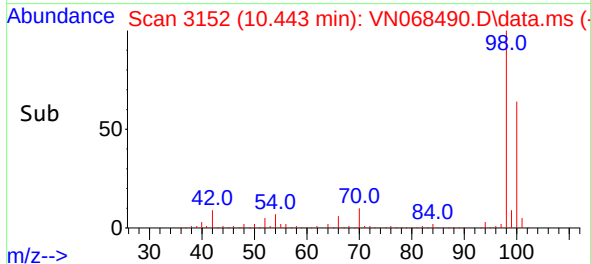
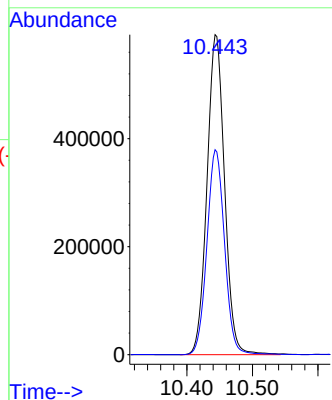
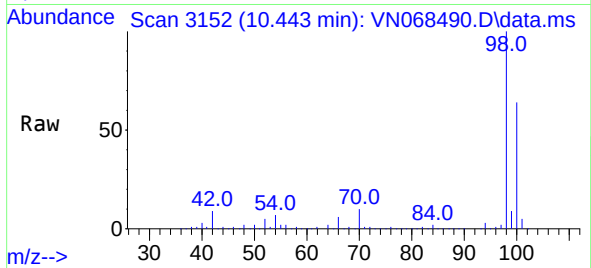




#50
Toluene-d8
Concen: 51.251 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

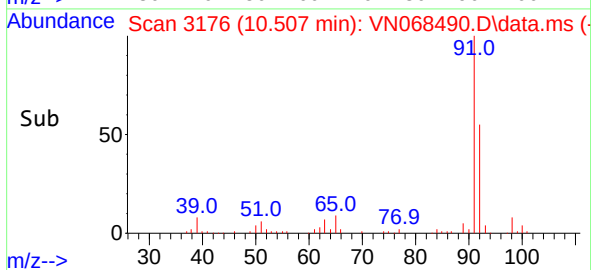
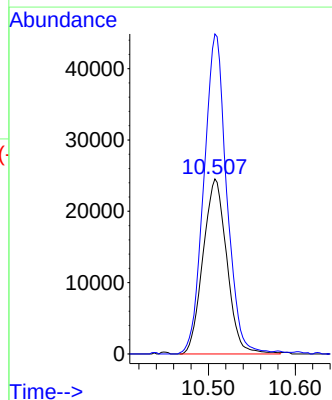
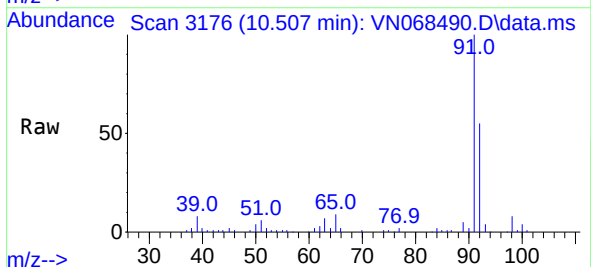
Instrument :
MSVOA_N
ClientSampled :
31205

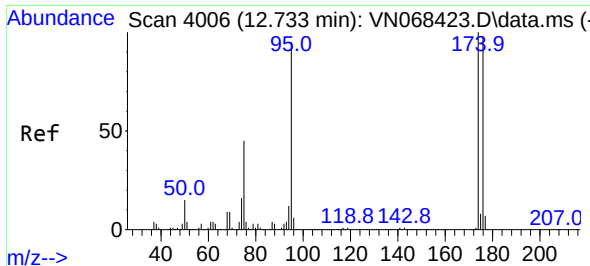
Tgt Ion: 98 Resp: 1102011
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.6



#52
Toluene
Concen: 2.906 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

Tgt Ion: 92 Resp: 46696
Ion Ratio Lower Upper
92 100
91 175.3 139.4 209.0



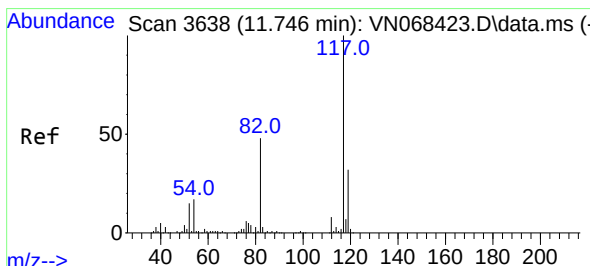
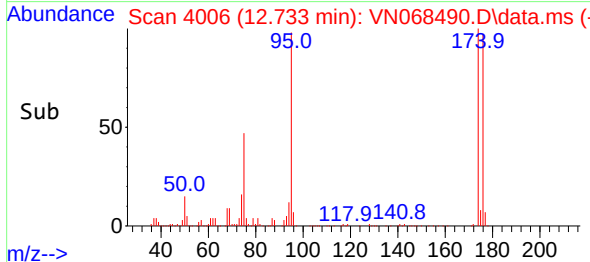
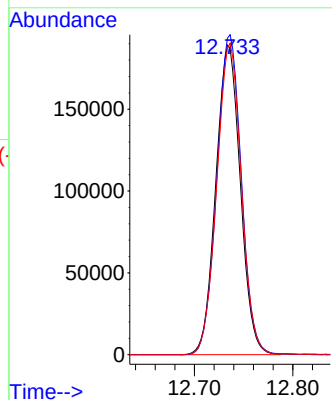
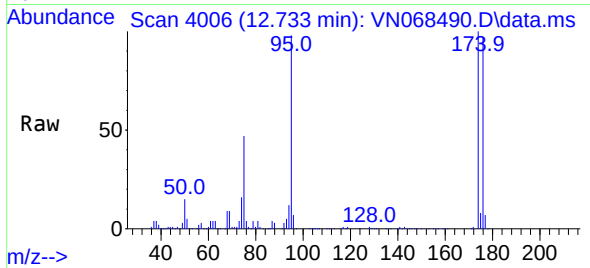


#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

Instrument :
MSVOA_N
ClientSampleId :
31205

Tgt Ion: 95 Resp: 327339

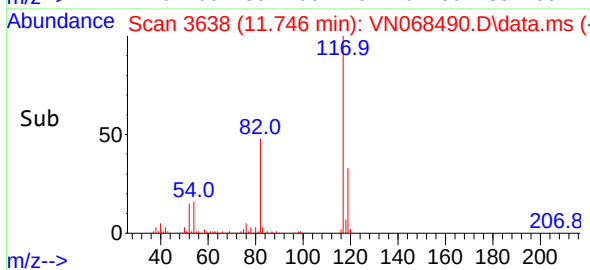
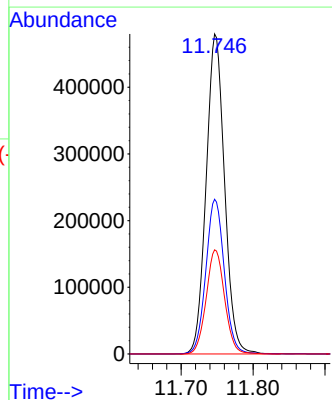
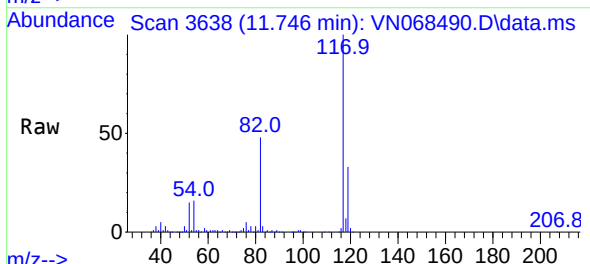
Ion	Ratio	Lower	Upper
95	100		
174	103.6	0.0	214.0
176	100.9	0.0	205.4

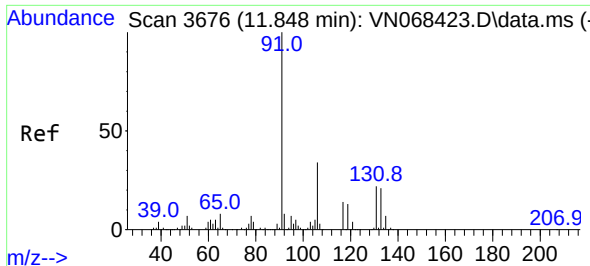


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

Tgt Ion: 117 Resp: 856169

Ion	Ratio	Lower	Upper
117	100		
82	48.3	38.7	58.1
119	32.5	25.5	38.3

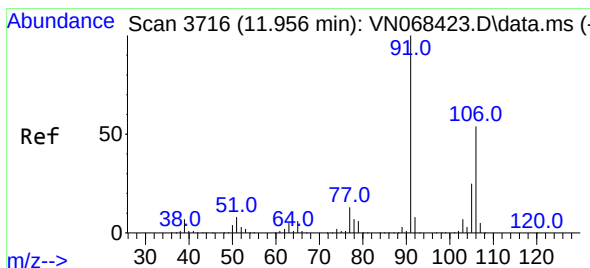
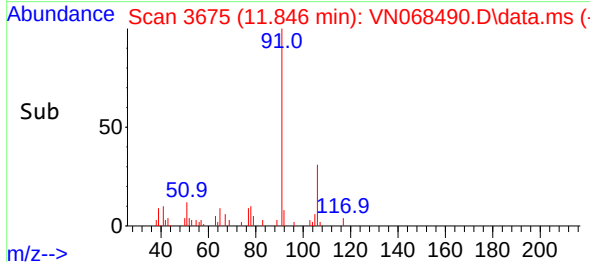
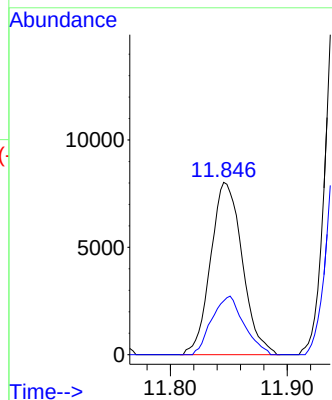
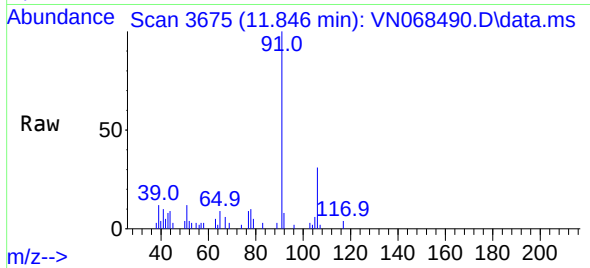




#67
Ethyl Benzene
Concen: 0.526 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

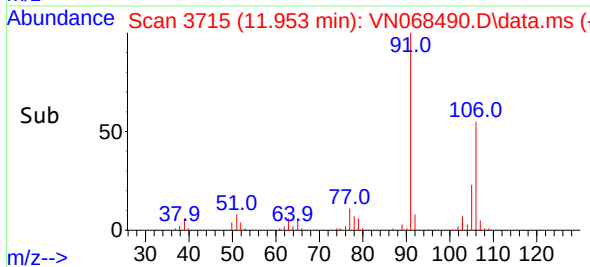
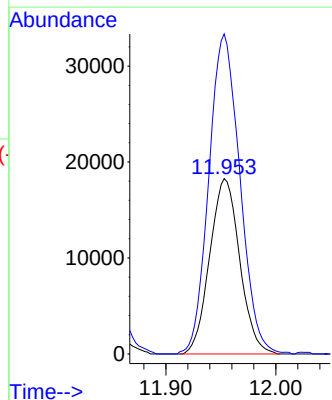
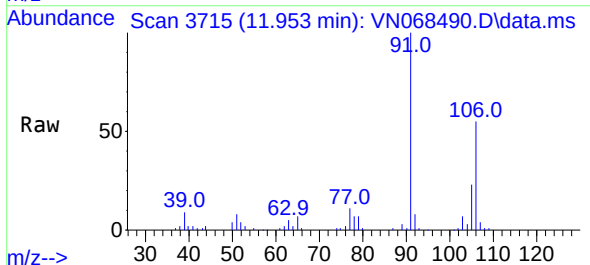
Instrument :
MSVOA_N
ClientSampled :
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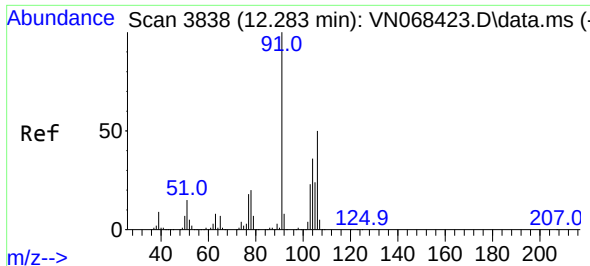
Tgt Ion: 91 Resp: 15130
Ion Ratio Lower Upper
91 100
106 31.2 27.1 40.7



#68
m/p-Xylenes
Concen: 2.987 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

Tgt Ion: 106 Resp: 34618
Ion Ratio Lower Upper
106 100
91 188.9 149.5 224.3

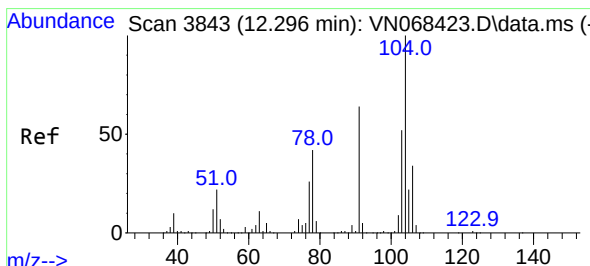
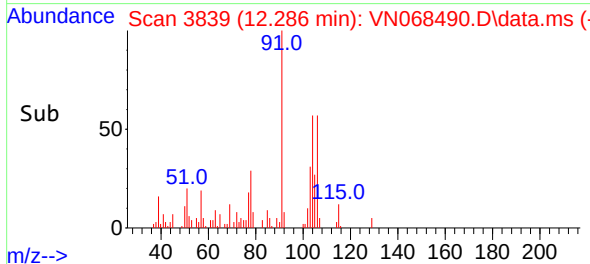
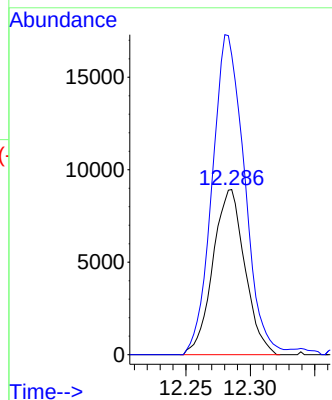
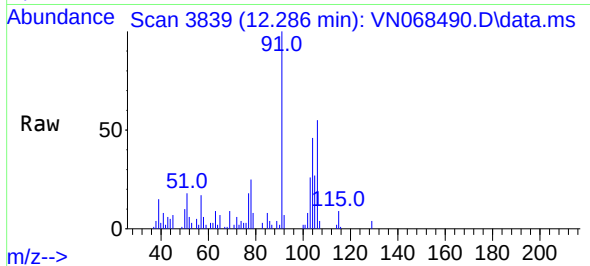




#69
o-Xylene
Concen: 1.363 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

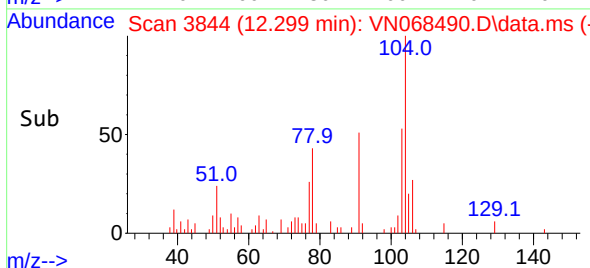
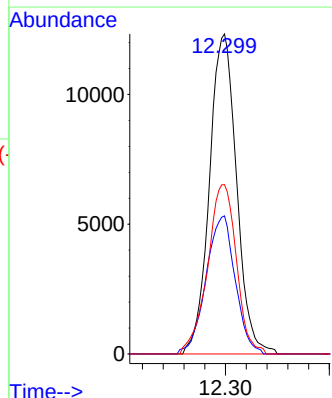
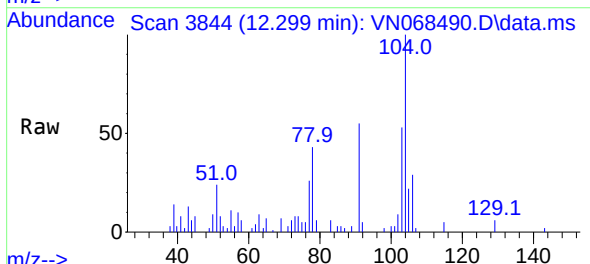
Instrument :
MSVOA_N
ClientSampled :
31205

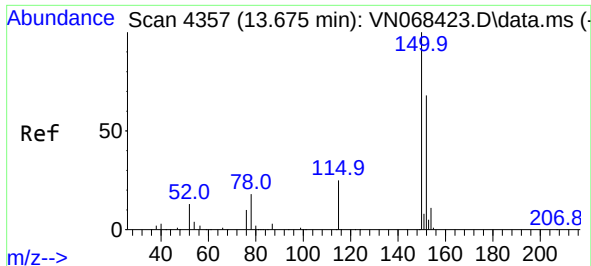
Tgt Ion:106 Resp: 15394
Ion Ratio Lower Upper
106 100
91 196.1 99.3 297.8



#70
Styrene
Concen: 1.311 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

Tgt Ion:104 Resp: 22436
Ion Ratio Lower Upper
104 100
78 46.3 36.2 54.2
103 56.1 44.4 66.6

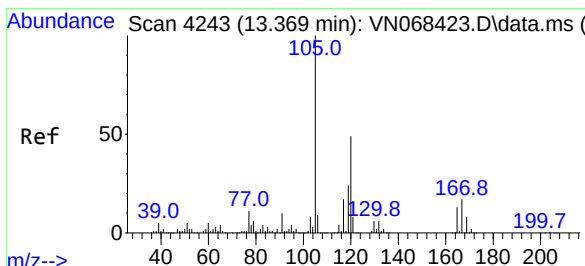
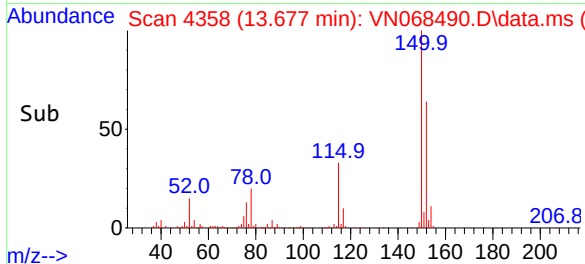
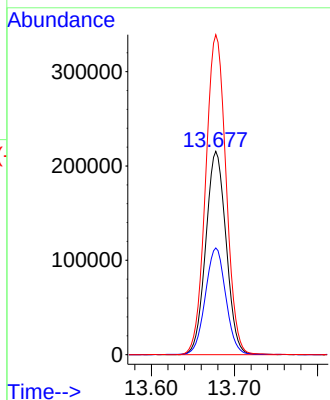
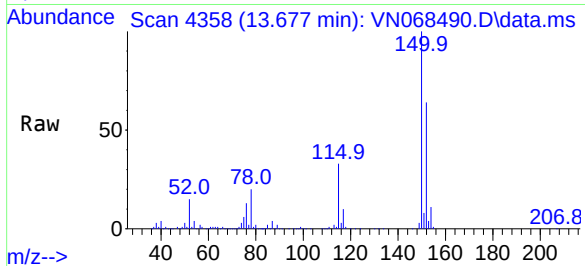




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

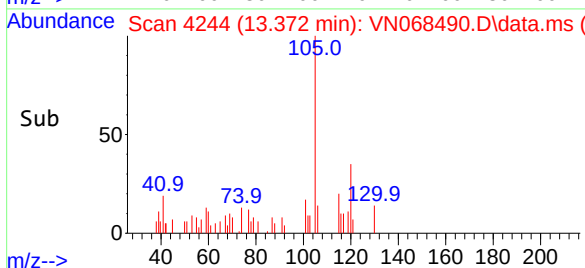
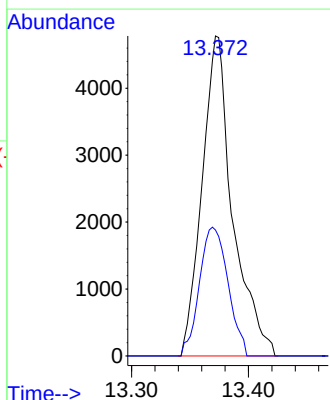
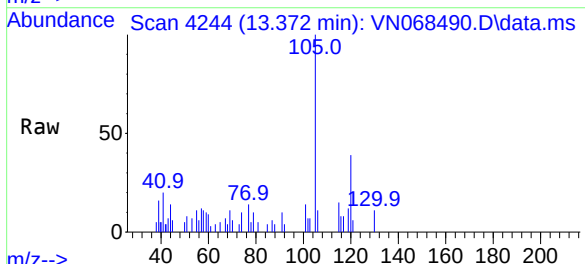
Instrument :
MSVOA_N
ClientSampled :
31205

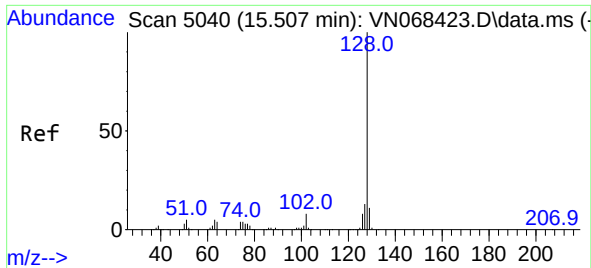
Tgt Ion:152 Resp: 366675
Ion Ratio Lower Upper
152 100
115 52.6 25.6 76.6
150 157.6 0.0 346.8



#84
1,2,4-Trimethylbenzene
Concen: 0.427 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

Tgt Ion:105 Resp: 8680
Ion Ratio Lower Upper
105 100
120 37.6 24.3 72.9





#95
Naphthalene
Concen: 5.956 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068490.D
Acq: 15 Sep 2021 17:50

Instrument :
MSVOA_N
ClientSampleId :
31205

Tgt Ion:	128	Resp:	38387
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	15.8
129	12.8	8.6	13.0

