

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068492.D
 Acq On : 15 Sep 2021 18:40
 Operator : JC/MD
 Sample : M3759-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31207

Quant Time: Sep 16 03:18:09 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	8.086	168	1195733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1511651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1222867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	515299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	468921	42.752	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.500%
35) Dibromofluoromethane	8.021	113	450153	49.374	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.740%
50) Toluene-d8	10.443	98	1661594	50.172	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.733	95	454914	42.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.860%

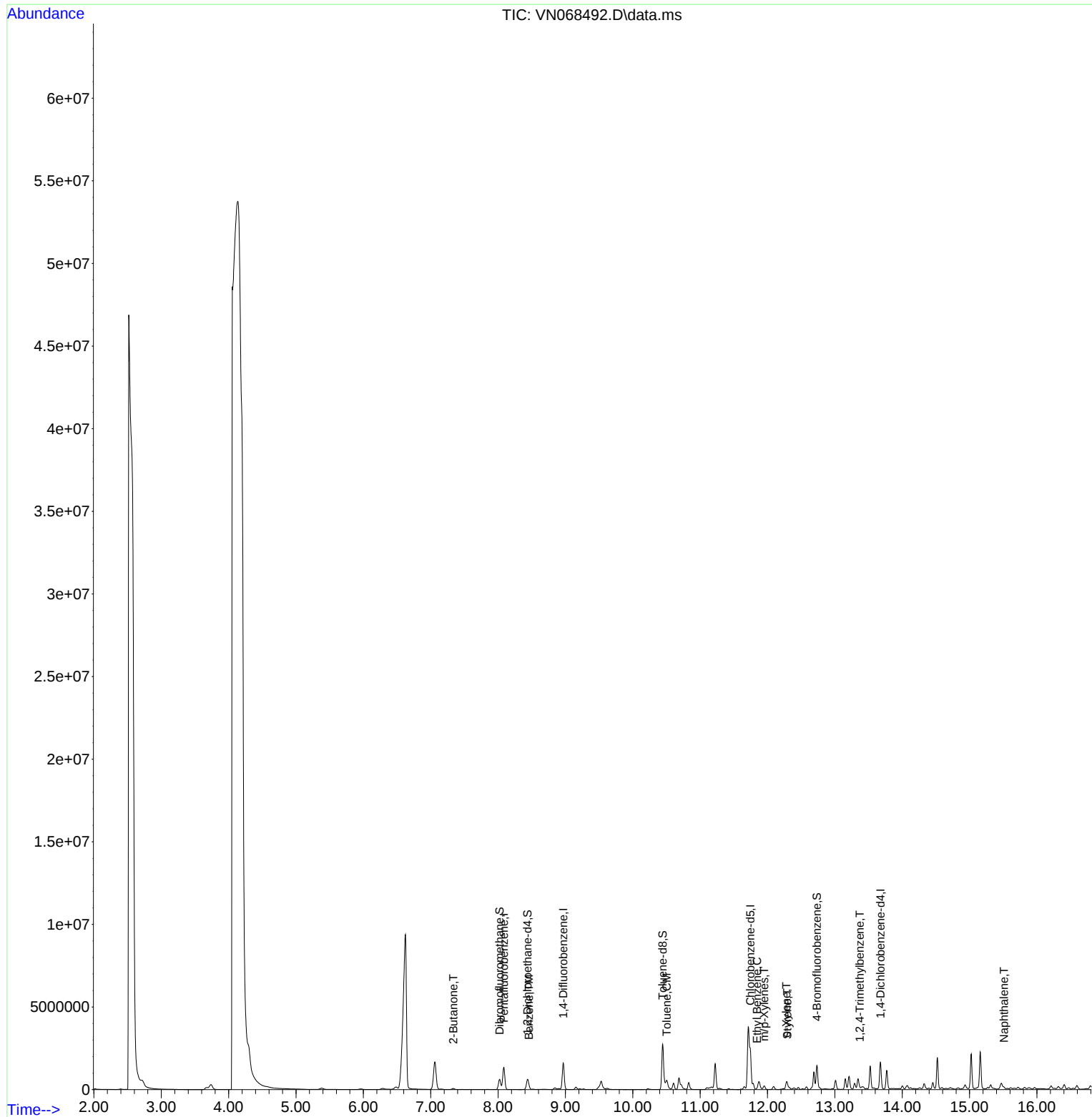
Target Compounds					Qvalue	
25) 2-Butanone	7.335	43	91410	17.150	ug/l	95
40) Benzene	8.458	78	99849	2.677	ug/l	91
52) Toluene	10.505	92	147636	5.965	ug/l	98
67) Ethyl Benzene	11.846	91	43146	1.049	ug/l	100
68) m/p-Xylenes	11.953	106	72715	4.392	ug/l	99
69) o-Xylene	12.280	106	28485	1.766	ug/l	100
70) Styrene	12.296	104	52501	2.147	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	23644	0.828	ug/l	85
95) Naphthalene	15.509	128	92875	7.731	ug/l #	83

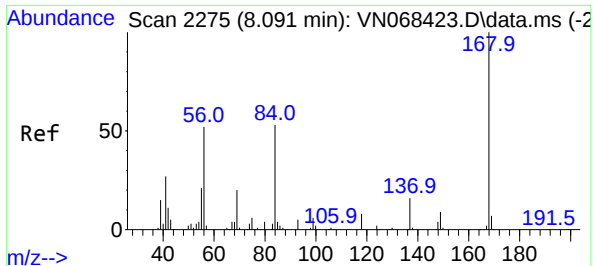
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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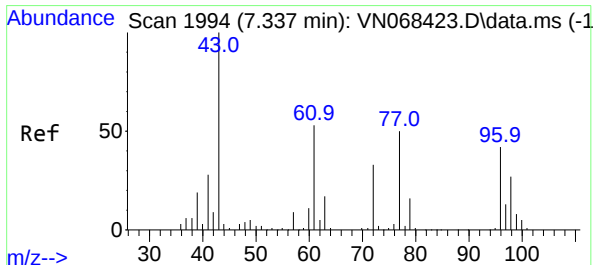
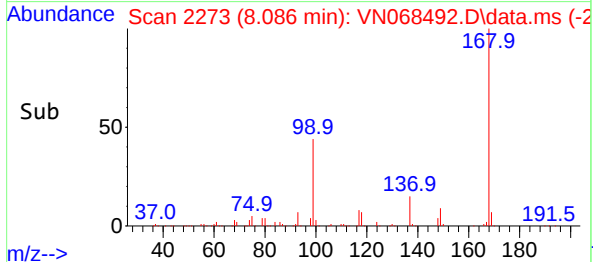
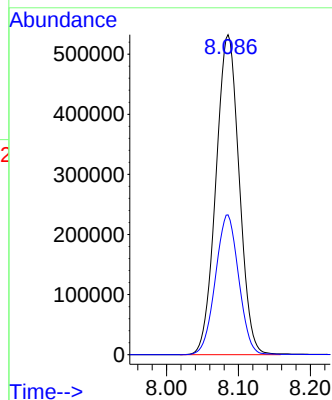
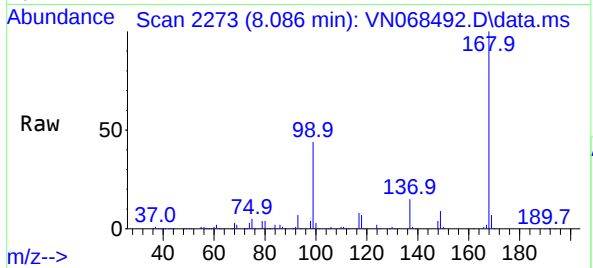




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.005 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

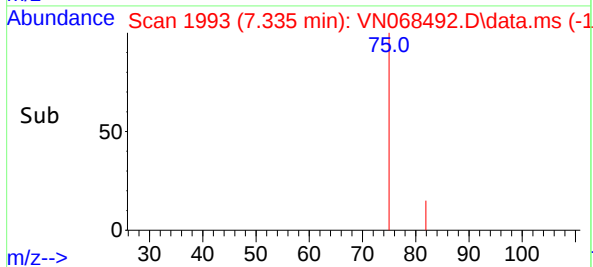
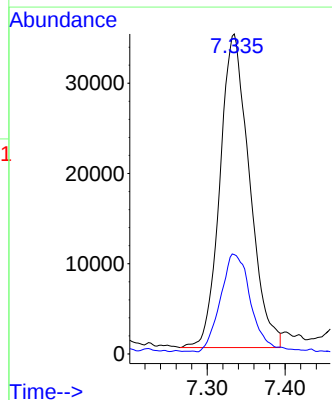
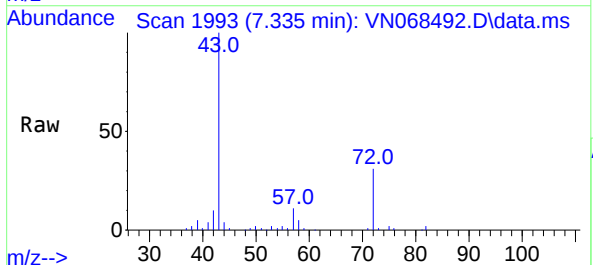
Instrument :
MSVOA_N
ClientSampled :
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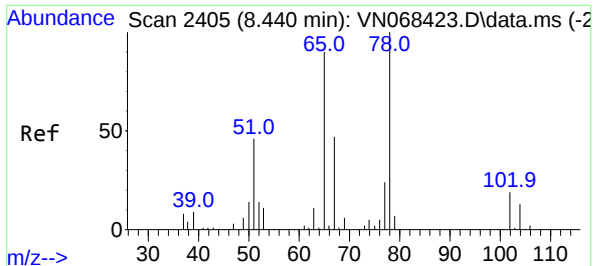
Tgt Ion:168 Resp: 1195733
Ion Ratio Lower Upper
168 100
99 43.7 38.2 57.4



#25
2-Butanone
Concen: 17.150 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

Tgt Ion: 43 Resp: 91410
Ion Ratio Lower Upper
43 100
72 30.8 26.7 40.1



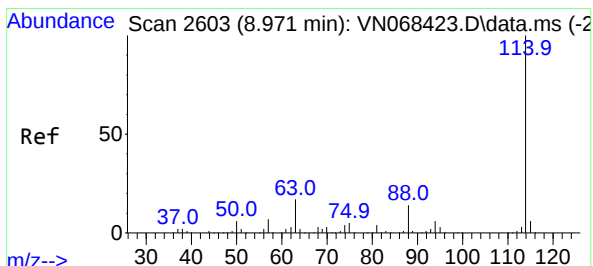
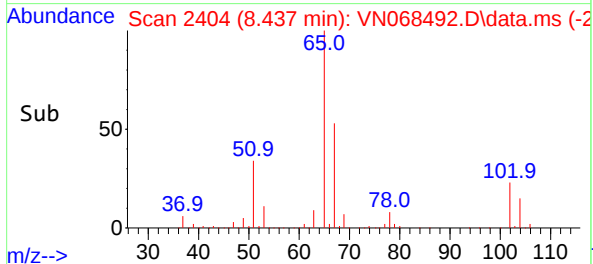
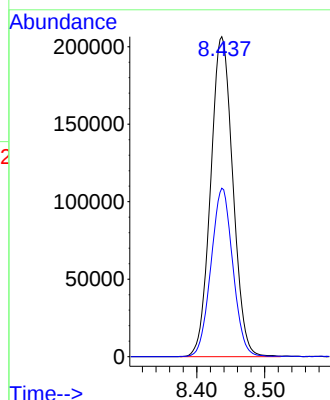
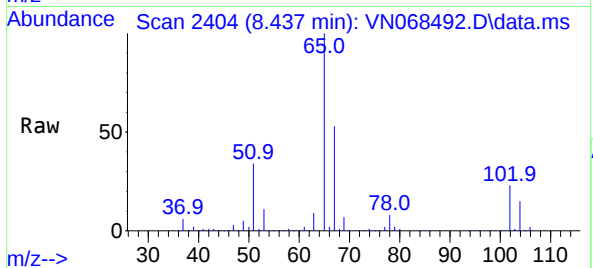


#33

1,2-Dichloroethane-d4
Concen: 42.752 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

Instrument :
MSVOA_N
ClientSampled :
31207

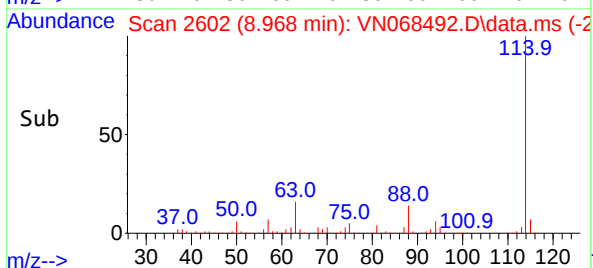
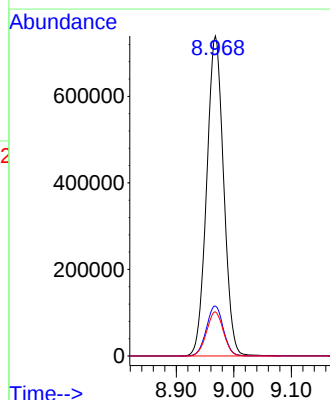
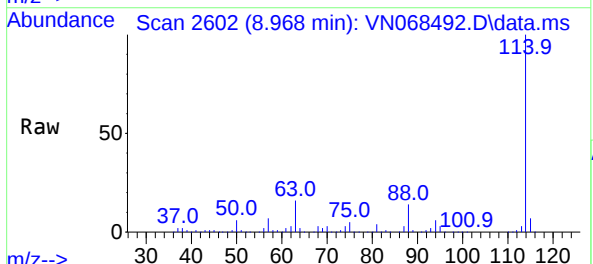
Tgt Ion: 65 Resp: 468921
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

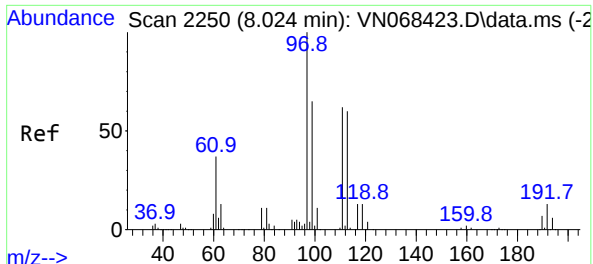


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

Tgt Ion: 114 Resp: 1511651
Ion Ratio Lower Upper
114 100
63 15.6 0.0 33.2
88 13.8 0.0 28.4

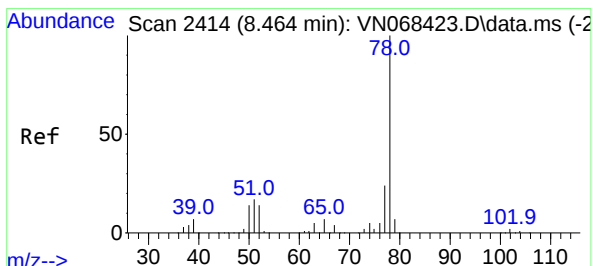
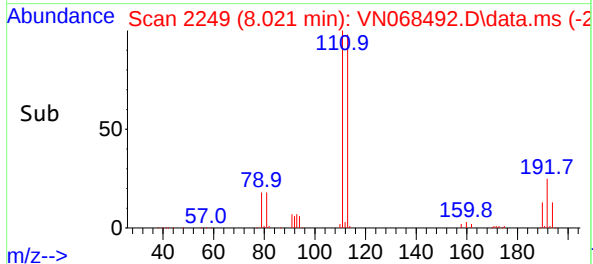
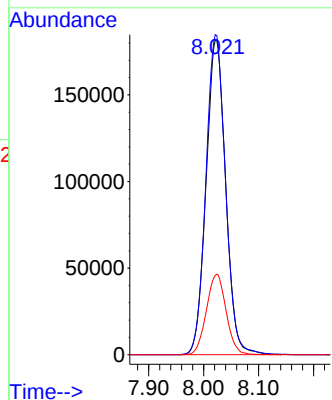
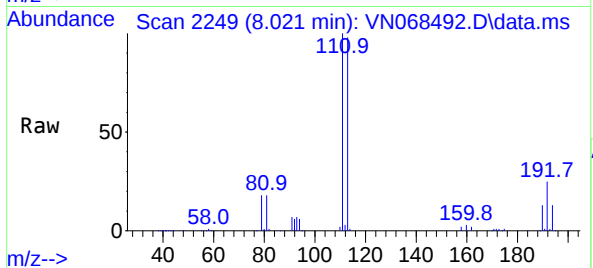




#35
 Dibromofluoromethane
 Concen: 49.374 ug/l
 RT: 8.021 min Scan# 2249
 Delta R.T. -0.003 min
 Lab File: VN068492.D
 Acq: 15 Sep 2021 18:40

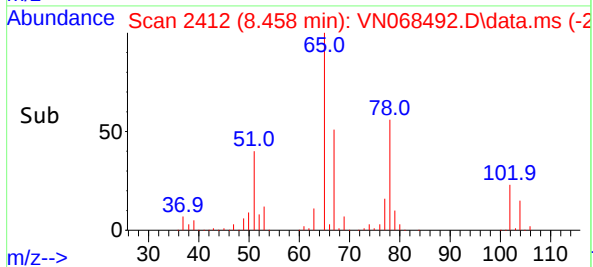
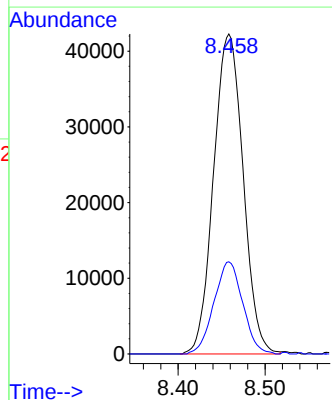
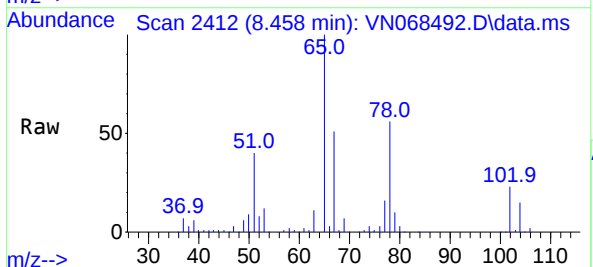
Instrument :
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 ClientSampled :
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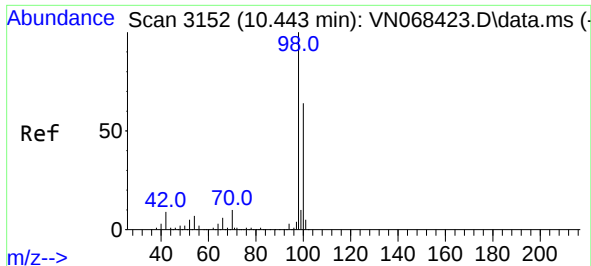
Tgt Ion:113 Resp: 450153
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.1 121.7
 192 25.7 17.7 26.5



#40
 Benzene
 Concen: 2.677 ug/l
 RT: 8.458 min Scan# 2412
 Delta R.T. -0.005 min
 Lab File: VN068492.D
 Acq: 15 Sep 2021 18:40

Tgt Ion: 78 Resp: 99849
 Ion Ratio Lower Upper
 78 100
 77 28.8 19.3 28.9

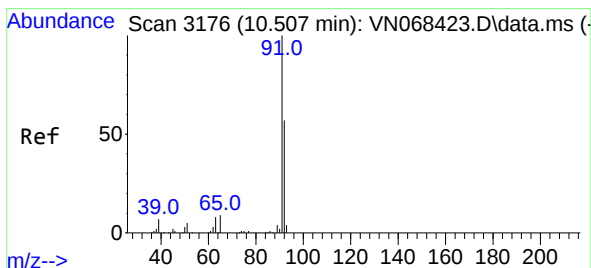
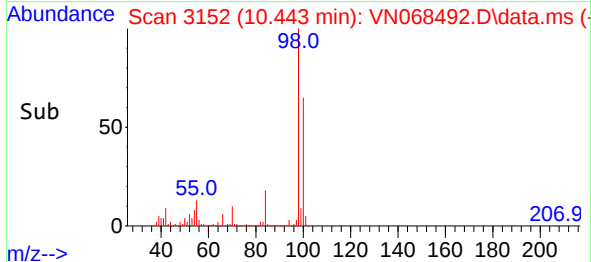
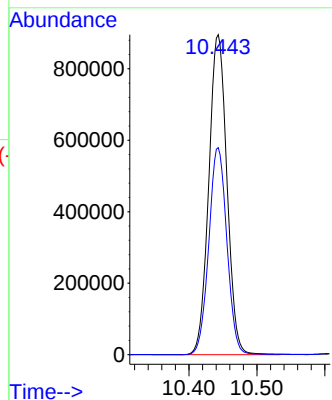
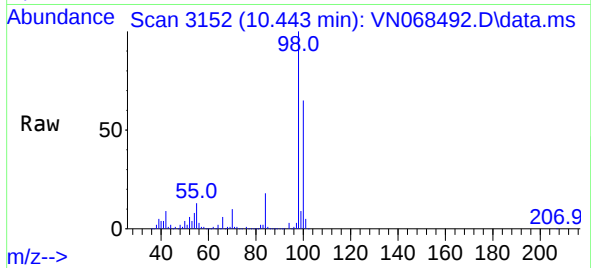




#50
Toluene-d8
Concen: 50.172 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

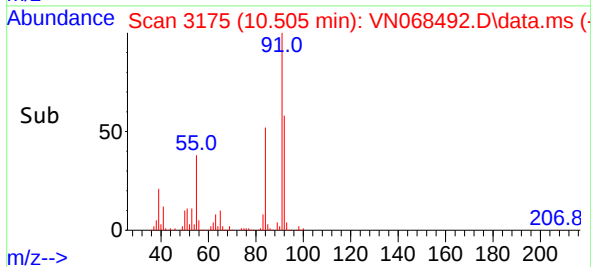
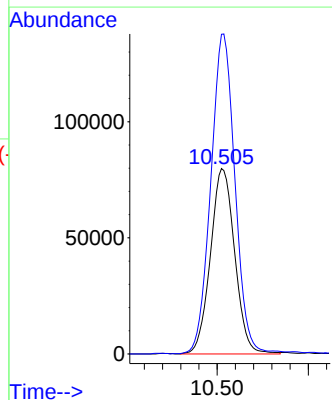
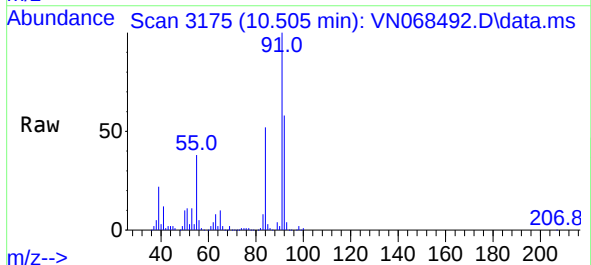
Instrument :
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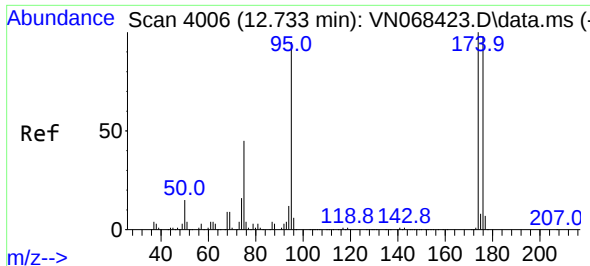
Tgt Ion: 98 Resp: 1661594
Ion Ratio Lower Upper
98 100
100 64.5 51.0 76.6



#52
Toluene
Concen: 5.965 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

Tgt Ion: 92 Resp: 147636
Ion Ratio Lower Upper
92 100
91 171.3 139.4 209.0

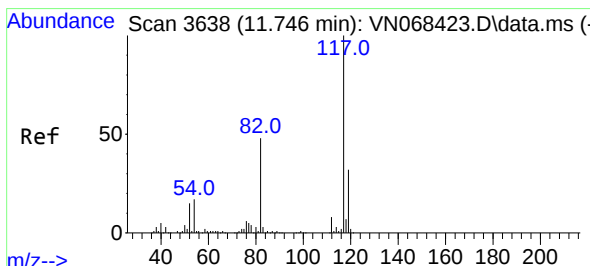
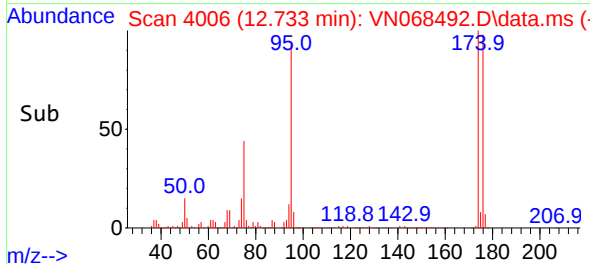
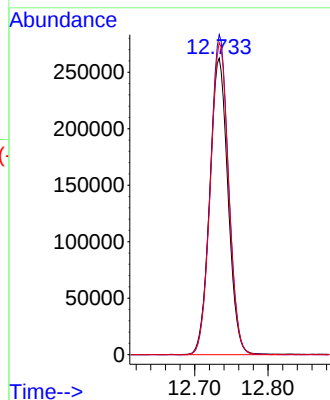
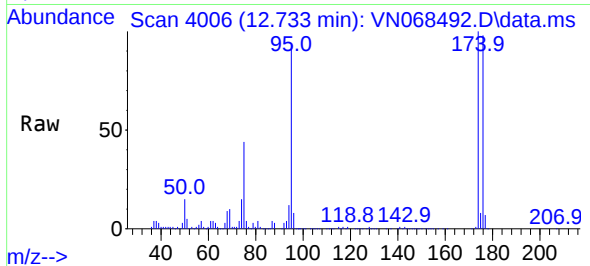




#62
4-Bromofluorobenzene
Concen: 42.927 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

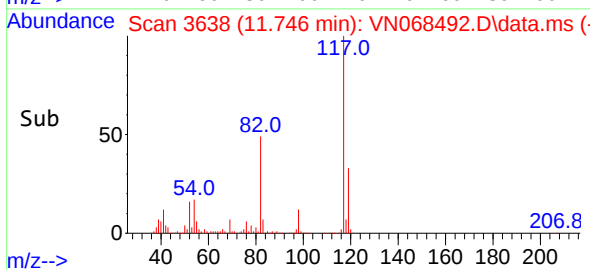
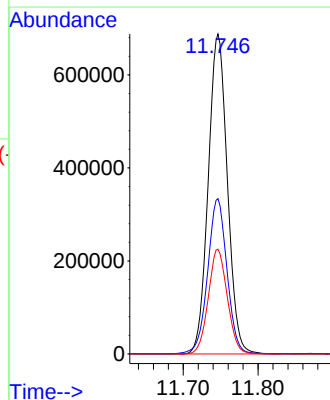
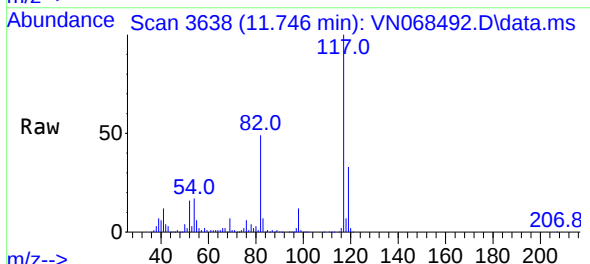
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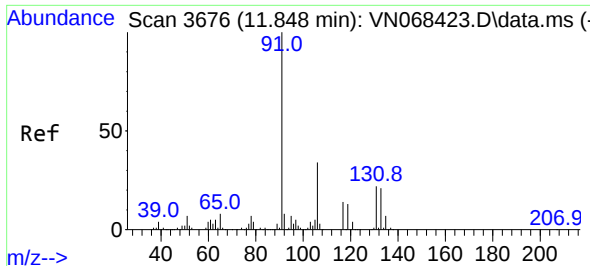
Tgt Ion: 95 Resp: 454914
Ion Ratio Lower Upper
95 100
174 107.5 0.0 214.0
176 105.0 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

Tgt Ion: 117 Resp: 1222867
Ion Ratio Lower Upper
117 100
82 48.5 38.7 58.1
119 32.7 25.5 38.3

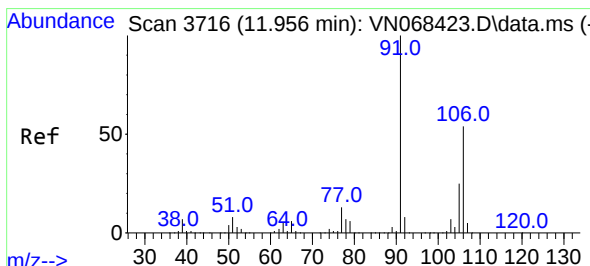
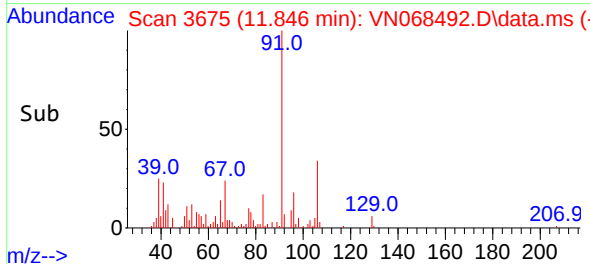
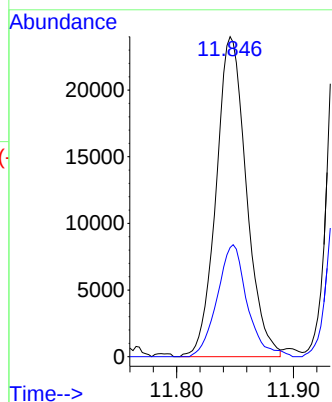
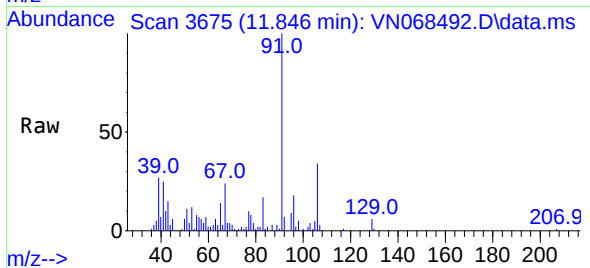




#67
Ethyl Benzene
Concen: 1.049 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

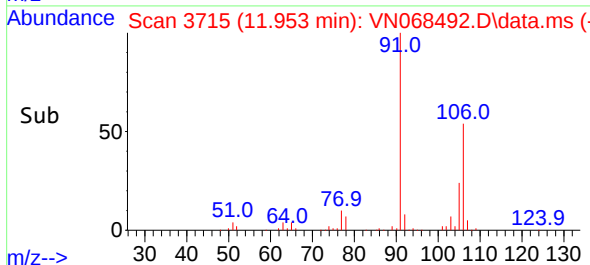
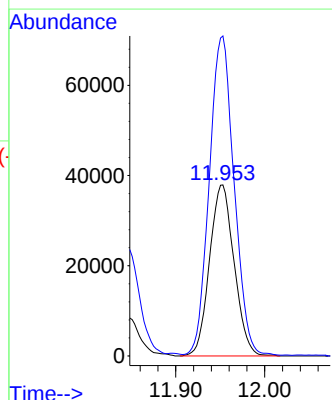
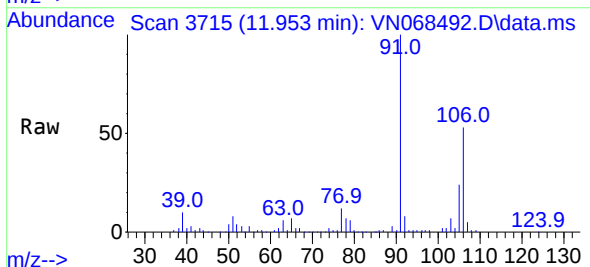
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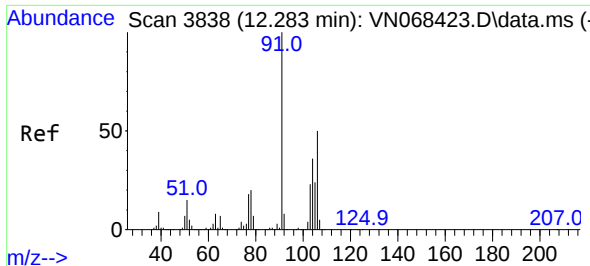
Tgt Ion: 91 Resp: 43146
Ion Ratio Lower Upper
91 100
106 34.1 27.1 40.7



#68
m/p-Xylenes
Concen: 4.392 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

Tgt Ion: 106 Resp: 72715
Ion Ratio Lower Upper
106 100
91 187.9 149.5 224.3

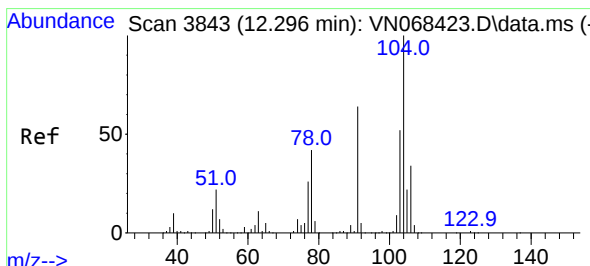
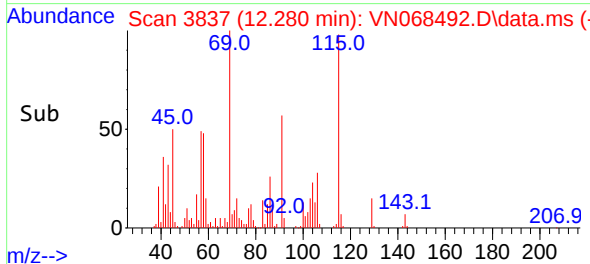
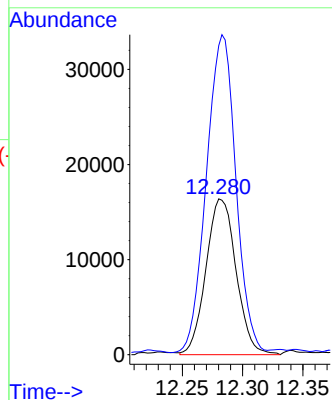
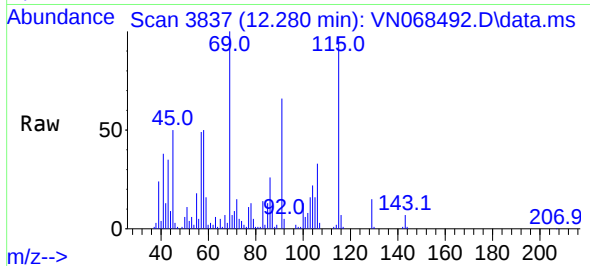




#69
o-Xylene
Concen: 1.766 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

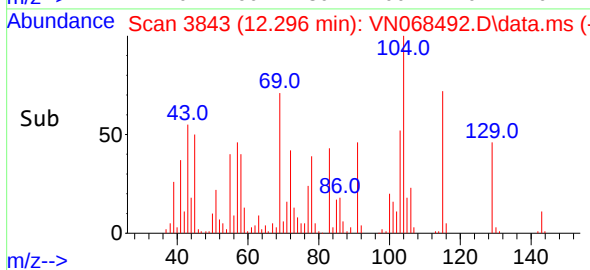
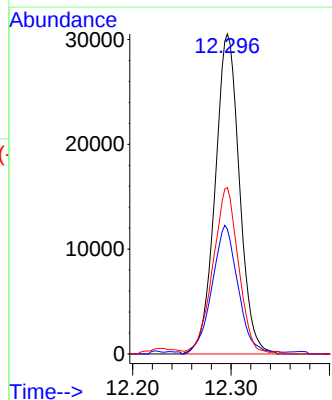
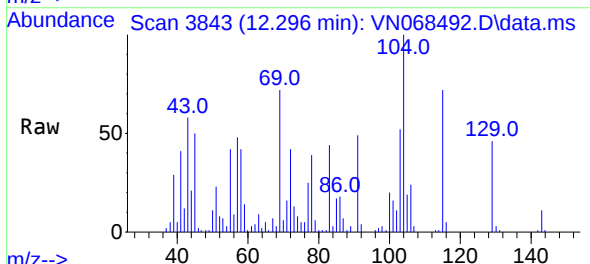
Instrument :
MSVOA_N
ClientSampled :
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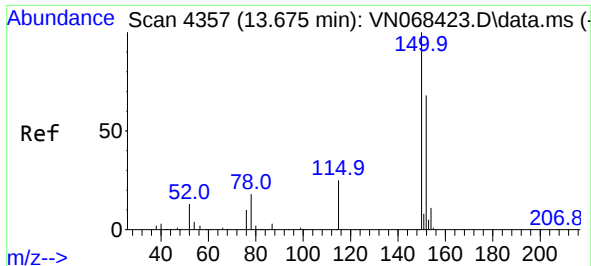
Tgt Ion:106 Resp: 28485
Ion Ratio Lower Upper
106 100
91 199.2 99.3 297.8



#70
Styrene
Concen: 2.147 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

Tgt Ion:104 Resp: 52501
Ion Ratio Lower Upper
104 100
78 43.2 36.2 54.2
103 53.7 44.4 66.6

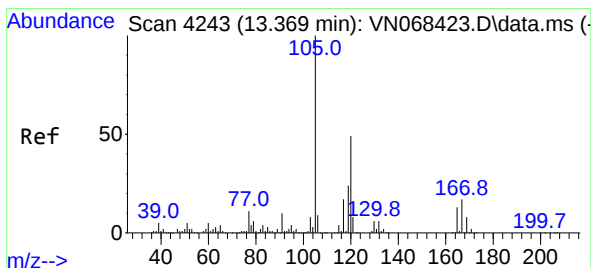
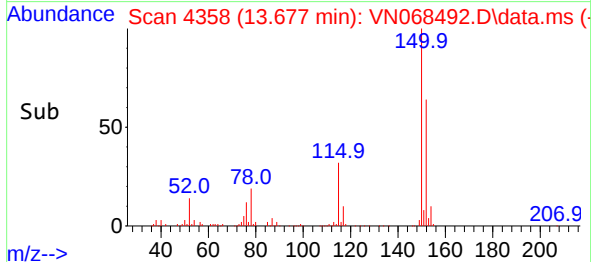
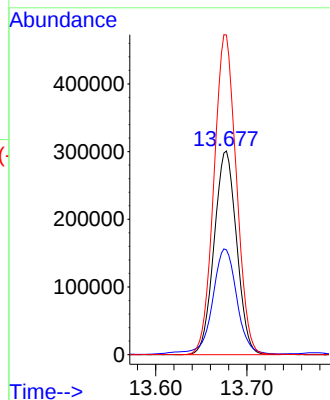
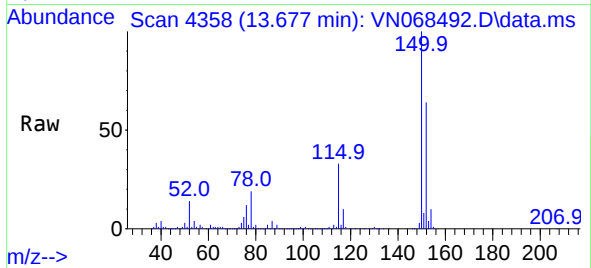




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

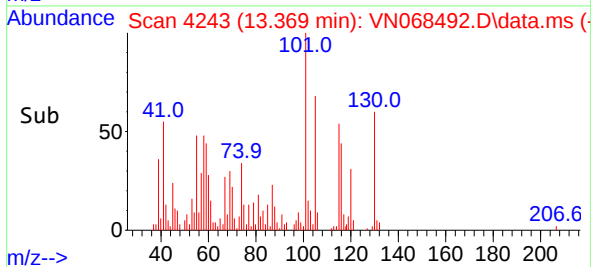
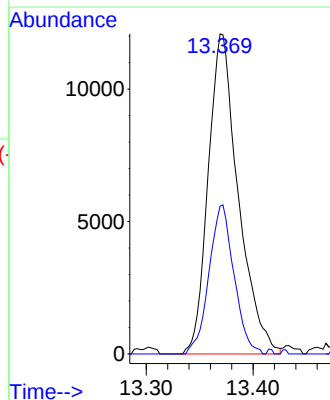
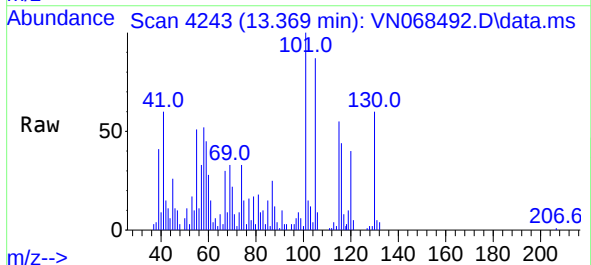
Instrument :
MSVOA_N
ClientSampled :
31207

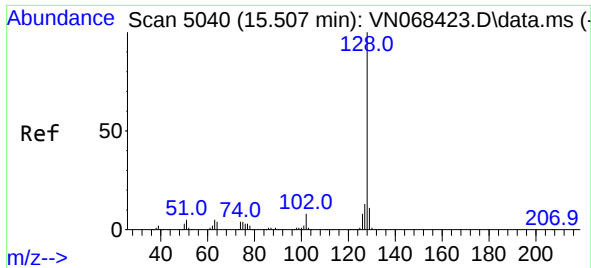
Tgt Ion:152 Resp: 515299
Ion Ratio Lower Upper
152 100
115 56.5 25.6 76.6
150 157.0 0.0 346.8



#84
1,2,4-Trimethylbenzene
Concen: 0.828 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

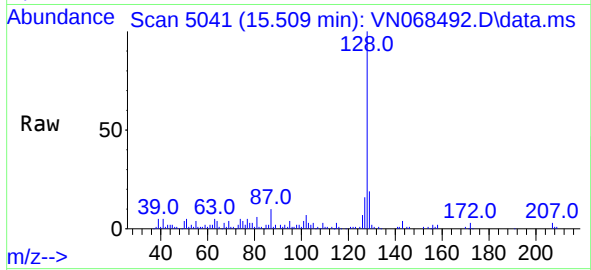
Tgt Ion:105 Resp: 23644
Ion Ratio Lower Upper
105 100
120 38.7 24.3 72.9





#95
Naphthalene
Concen: 7.731 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068492.D
Acq: 15 Sep 2021 18:40

Instrument :
MSVOA_N
ClientSampleId :
31207



Tgt Ion:128 Resp: 92875
Ion Ratio Lower Upper
128 100
127 16.6 10.6 15.8#
129 21.4 8.6 13.0#

