

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068487.D
 Acq On : 15 Sep 2021 16:34
 Operator : JC/MD
 Sample : M3759-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31201

Quant Time: Sep 16 03:16:19 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)

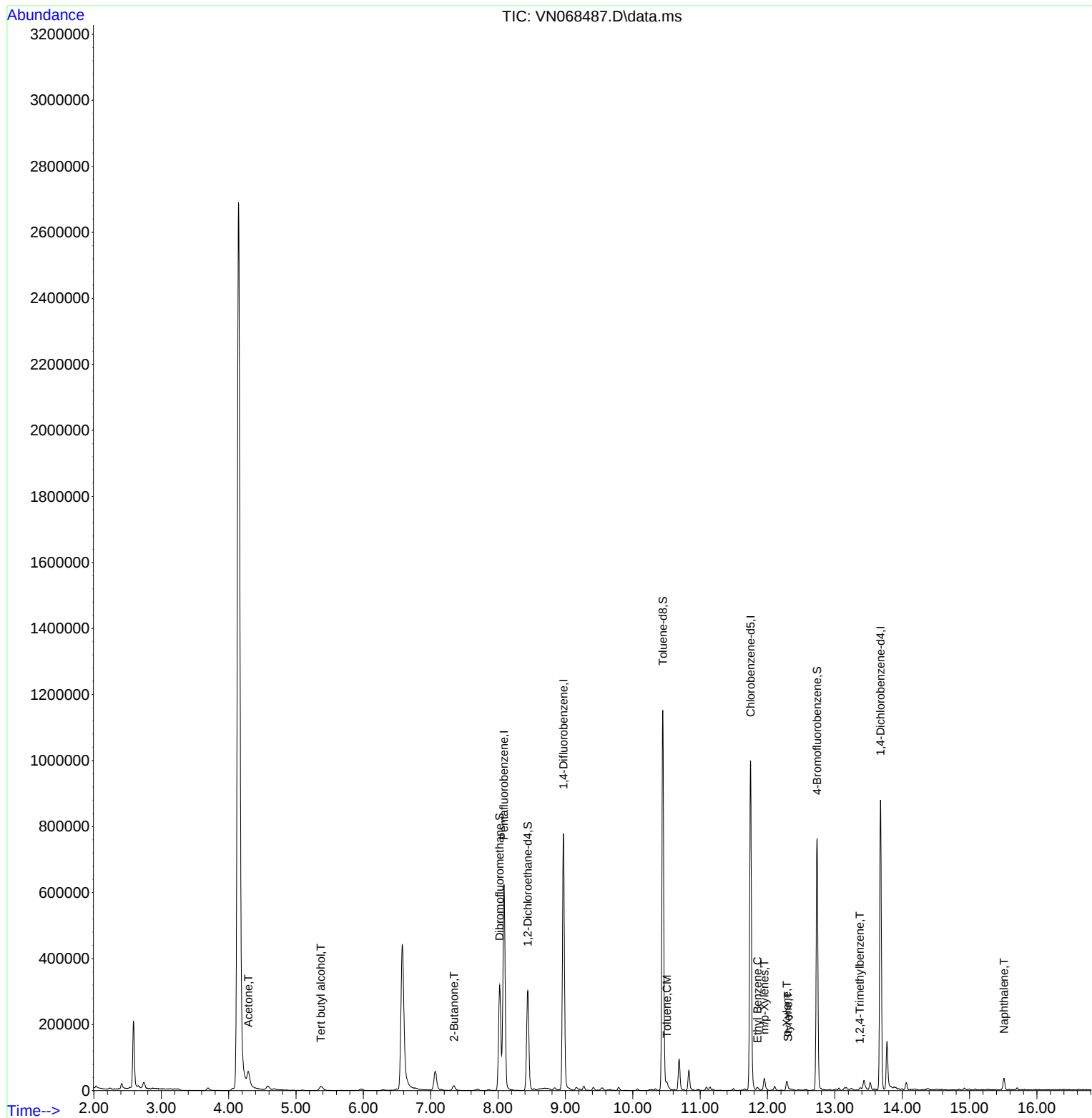
Internal Standards						
1) Pentafluorobenzene	8.088	168	526561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	752399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	654582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	263311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	253527	52.488	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.980%			
35) Dibromofluoromethane	8.024	113	233669	51.492	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.980%			
50) Toluene-d8	10.446	98	874829	53.072	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.140%			
62) 4-Bromofluorobenzene	12.736	95	257878	48.890	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.780%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.369	59	22961	22.550	ug/l	97
16) Acetone	4.293	43	76294	47.732	ug/l #	47
25) 2-Butanone	7.346	43	24446	10.415	ug/l	95
52) Toluene	10.508	92	6962	0.565	ug/l	99
67) Ethyl Benzene	11.851	91	7107	0.323	ug/l	97
68) m/p-Xylenes	11.956	106	12856	1.451	ug/l	88
69) o-Xylene	12.286	106	6012	0.696	ug/l	97
70) Styrene	12.304	104	7041	0.538	ug/l	93
84) 1,2,4-Trimethylbenzene	13.372	105	5054	0.346	ug/l	83
95) Naphthalene	15.509	128	35408	6.656	ug/l	98

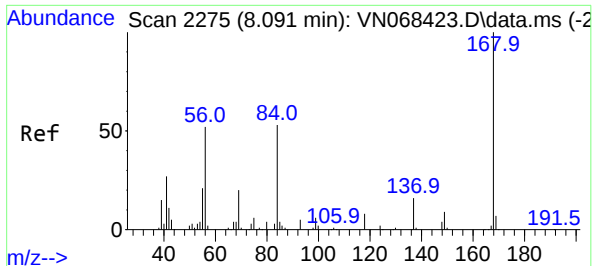
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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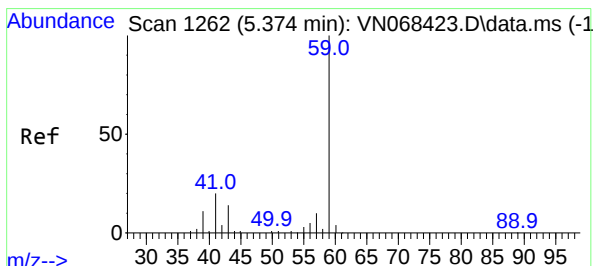
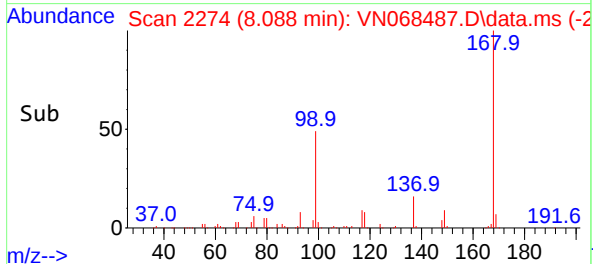
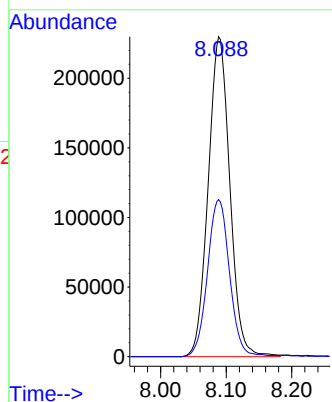
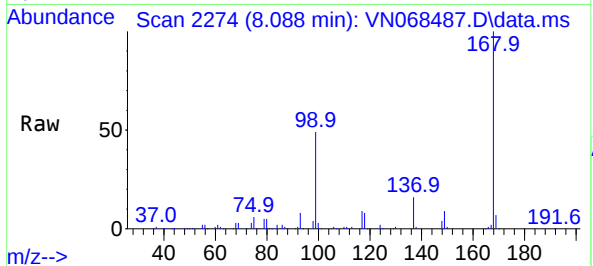




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

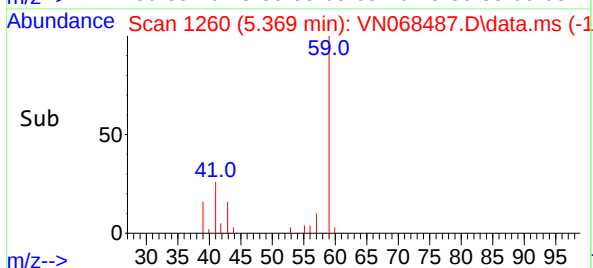
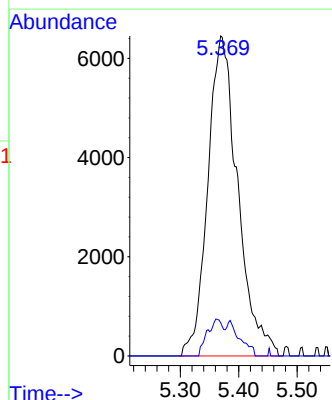
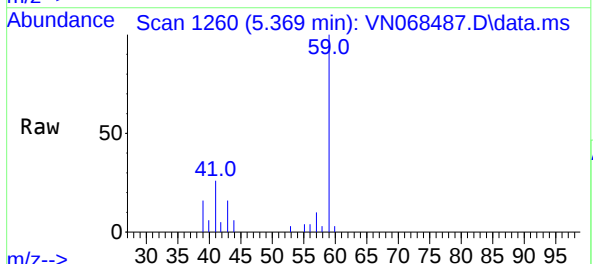
Instrument :
MSVOA_N
ClientSampled :
31201

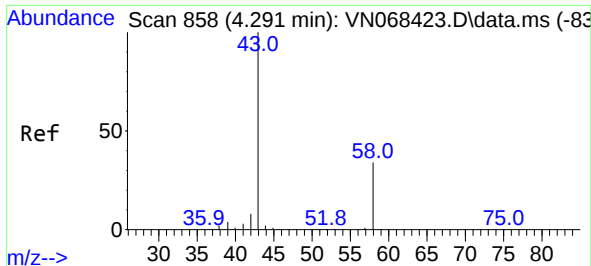
Tgt Ion:168 Resp: 526561
Ion Ratio Lower Upper
168 100
99 49.1 38.2 57.4



#11
Tert butyl alcohol
Concen: 22.550 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. -0.005 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

Tgt Ion: 59 Resp: 22961
Ion Ratio Lower Upper
59 100
57 6.3 4.3 6.5

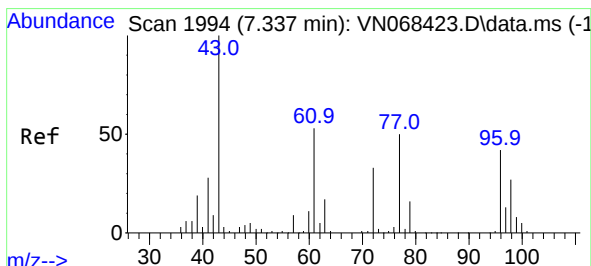
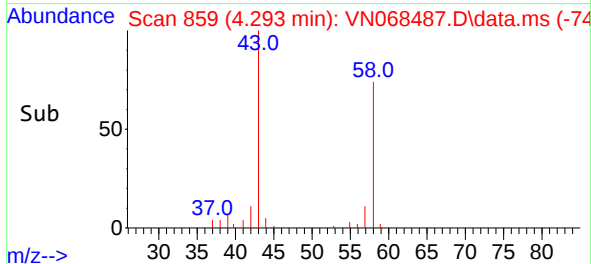
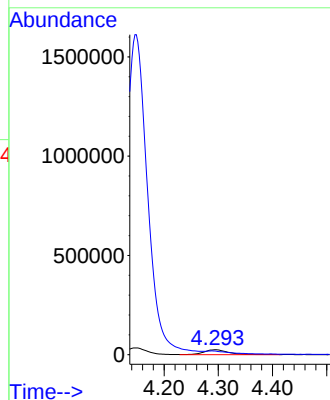
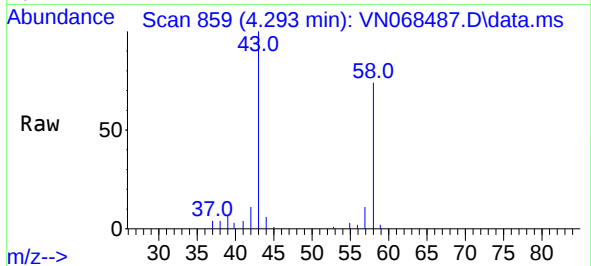




#16
Acetone
Concen: 47.732 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

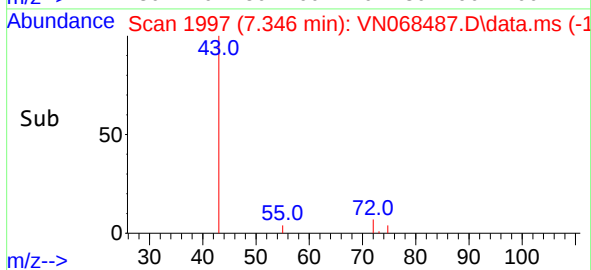
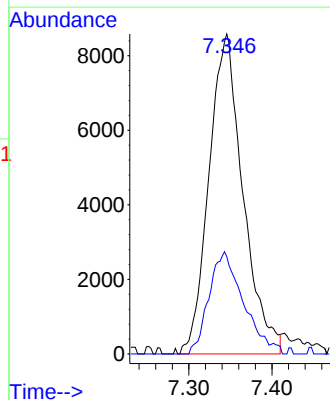
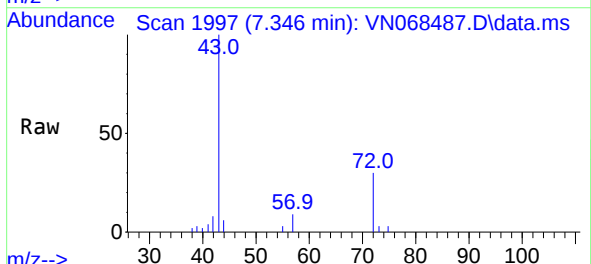
Instrument :
MSVOA_N
ClientSampled :
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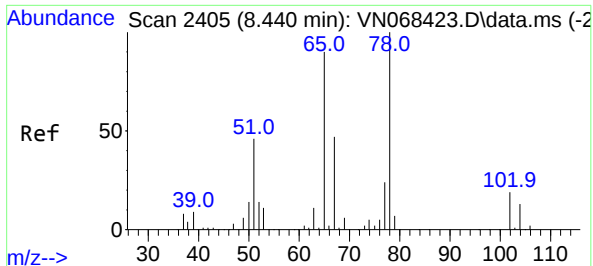
Tgt Ion: 43 Resp: 76294
Ion Ratio Lower Upper
43 100
58 64.3 27.0 40.6#



#25
2-Butanone
Concen: 10.415 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

Tgt Ion: 43 Resp: 24446
Ion Ratio Lower Upper
43 100
72 30.4 26.7 40.1

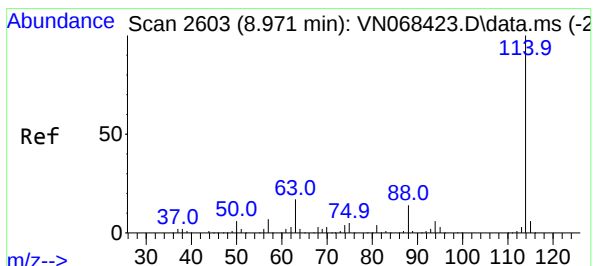
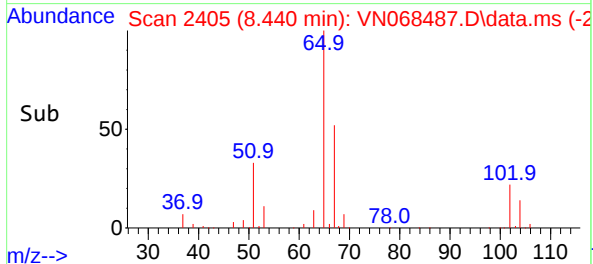
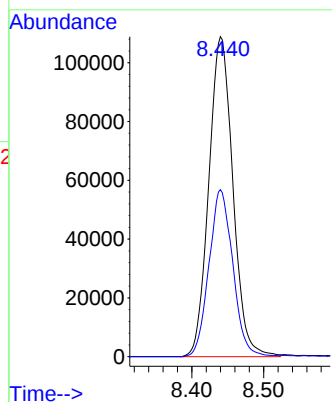
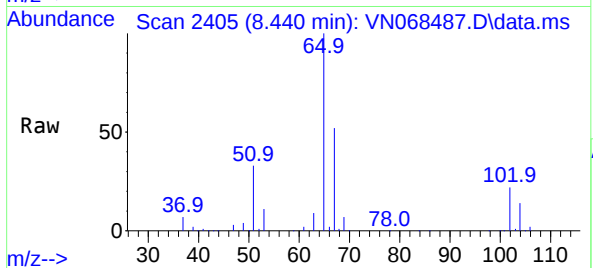




#33
 1,2-Dichloroethane-d4
 Concen: 52.488 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN068487.D
 Acq: 15 Sep 2021 16:34

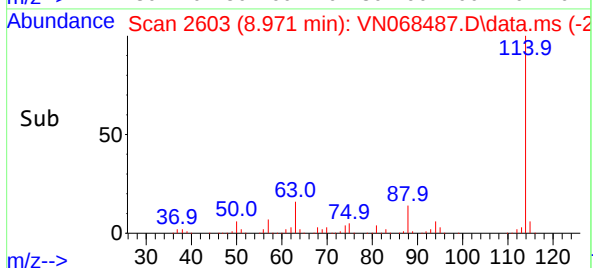
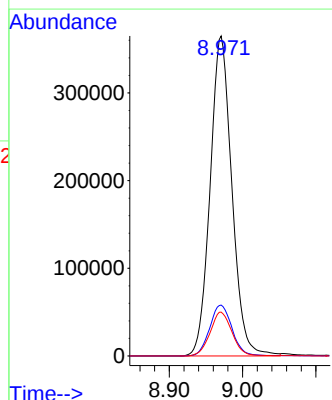
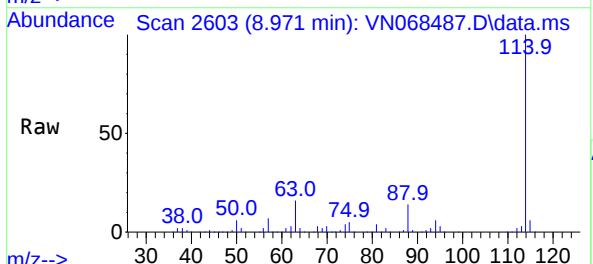
Instrument :
 MSVOA_N
 ClientSampled :
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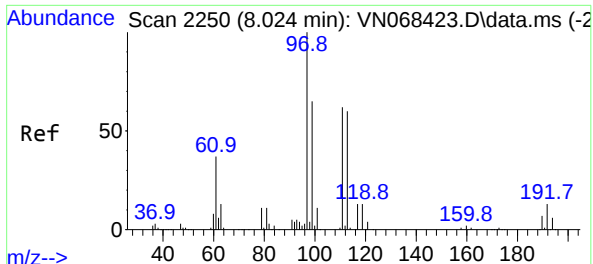
Tgt Ion: 65 Resp: 253527
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN068487.D
 Acq: 15 Sep 2021 16:34

Tgt Ion: 114 Resp: 752399
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 33.2
 88 13.7 0.0 28.4

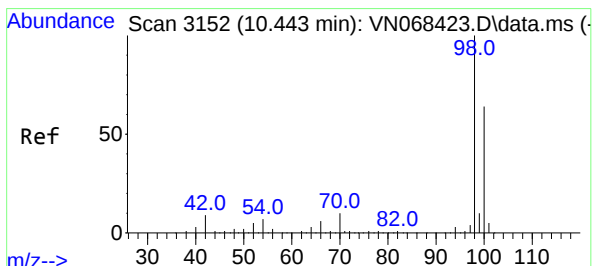
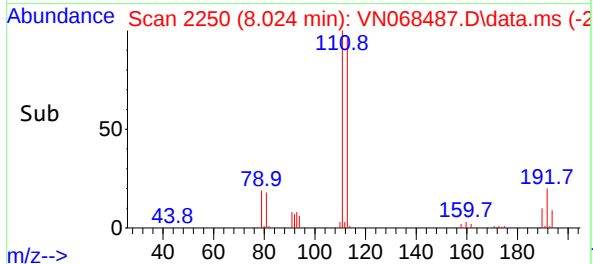
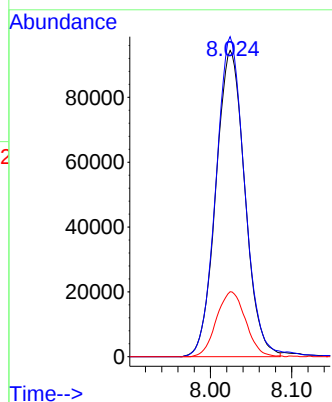
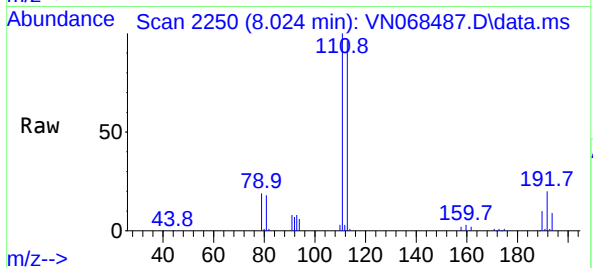




#35
Dibromofluoromethane
Concen: 51.492 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

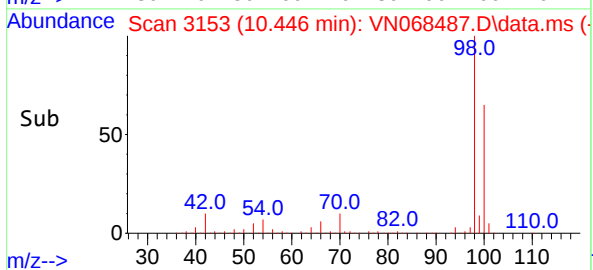
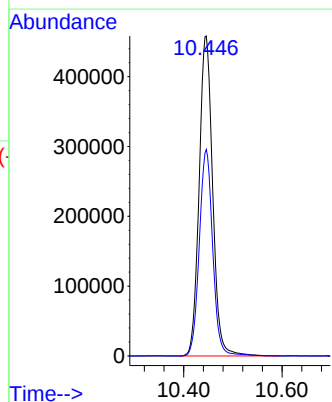
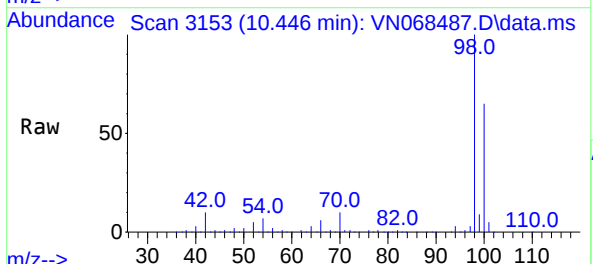
Instrument :
MSVOA_N
ClientSampled :
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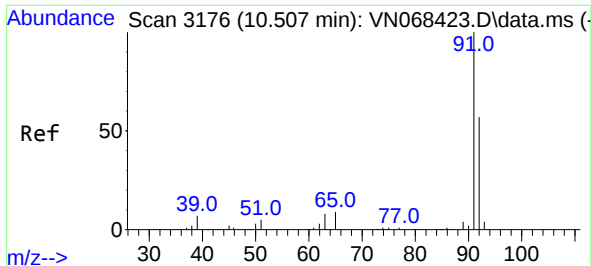
Tgt Ion:113 Resp: 233669
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 21.4 17.7 26.5



#50
Toluene-d8
Concen: 53.072 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

Tgt Ion: 98 Resp: 874829
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.6

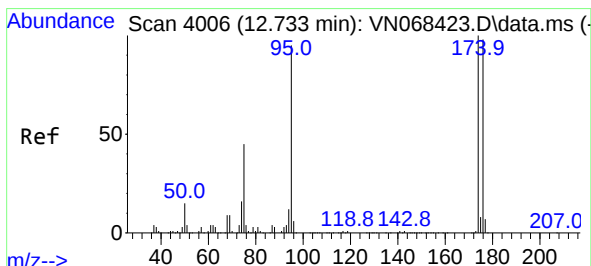
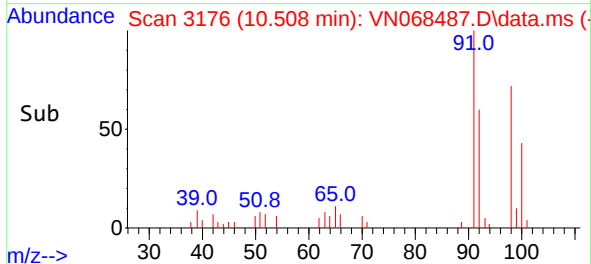
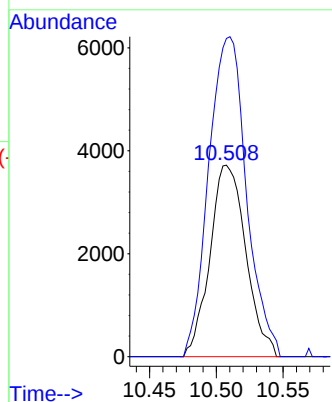
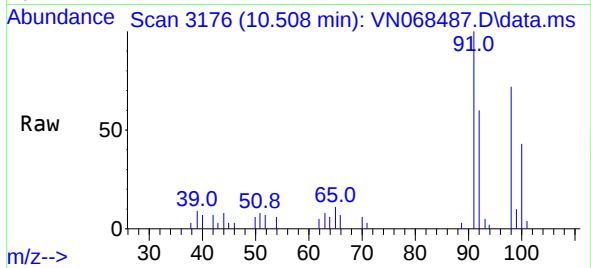




#52
Toluene
Concen: 0.565 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

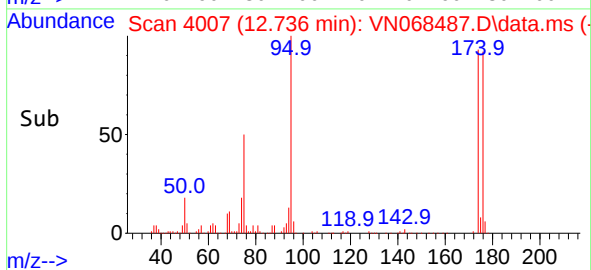
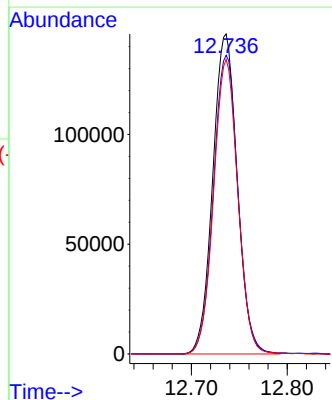
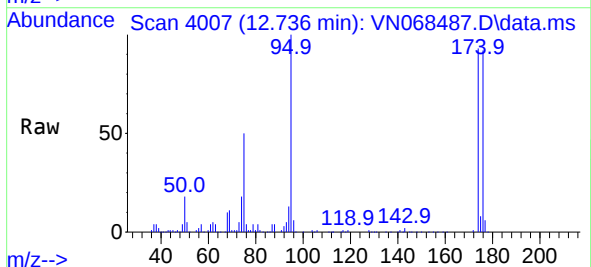
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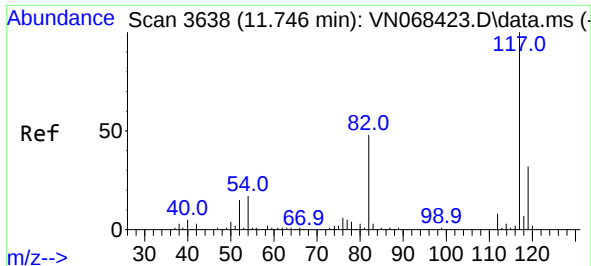
Tgt Ion: 92 Resp: 6962
Ion Ratio Lower Upper
92 100
91 175.5 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 48.890 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

Tgt Ion: 95 Resp: 257878
Ion Ratio Lower Upper
95 100
174 94.1 0.0 214.0
176 90.9 0.0 205.4

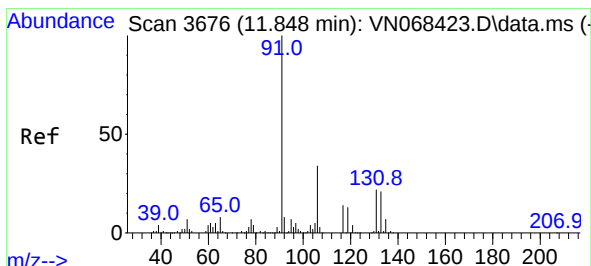
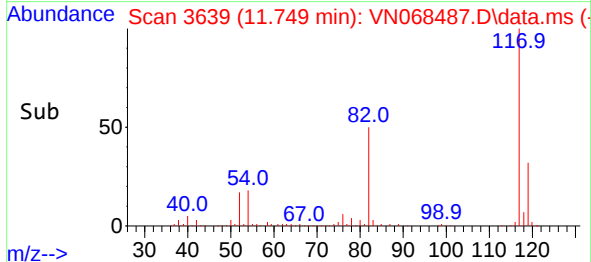
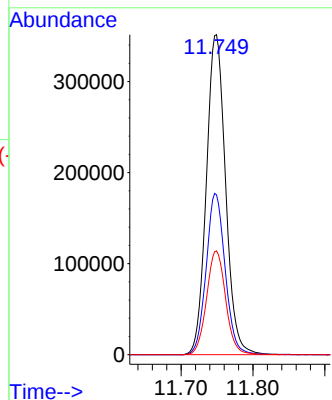
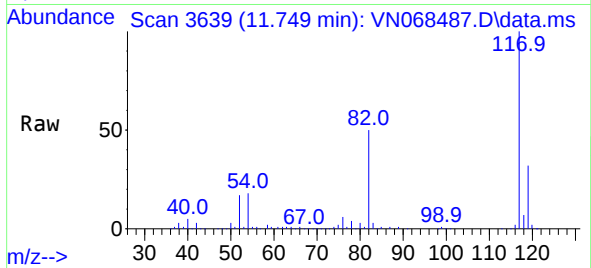




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

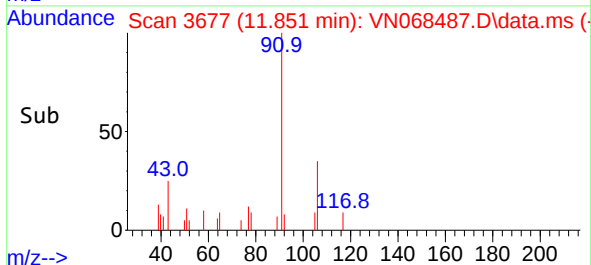
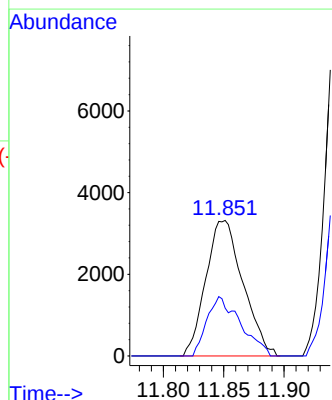
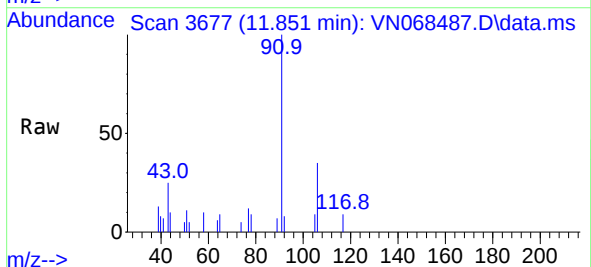
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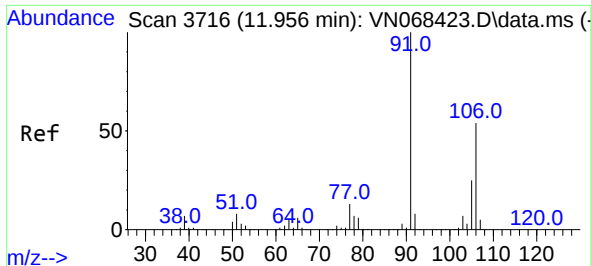
Tgt Ion:117 Resp: 654582
Ion Ratio Lower Upper
117 100
82 50.0 38.7 58.1
119 32.4 25.5 38.3



#67
Ethyl Benzene
Concen: 0.323 ug/l
RT: 11.851 min Scan# 3677
Delta R.T. 0.003 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

Tgt Ion: 91 Resp: 7107
Ion Ratio Lower Upper
91 100
106 35.3 27.1 40.7

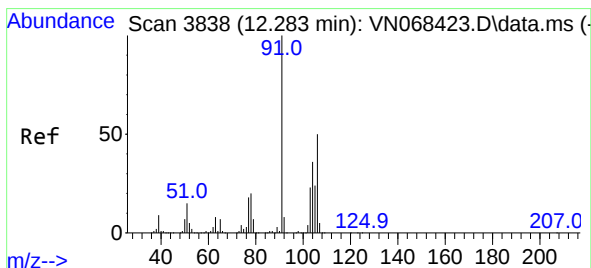
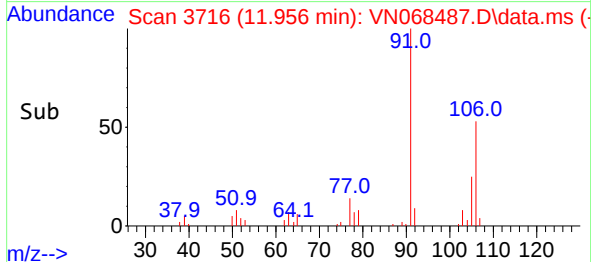
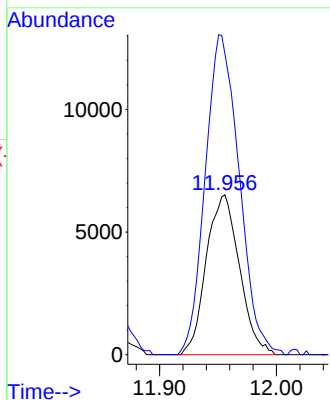
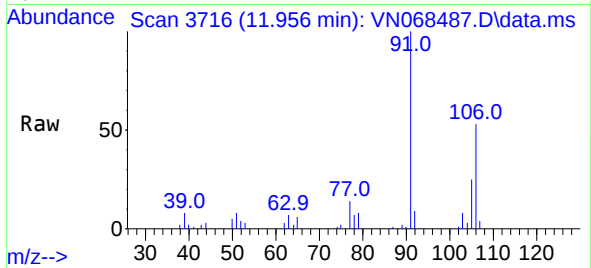




#68
m/p-Xylenes
Concen: 1.451 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

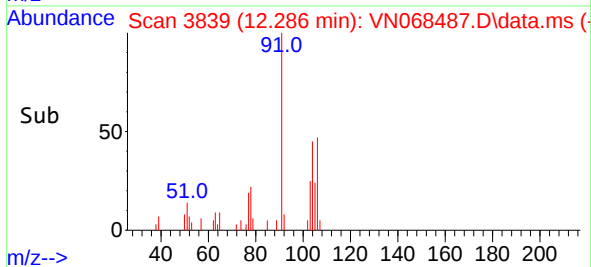
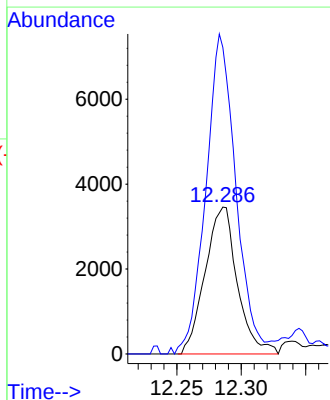
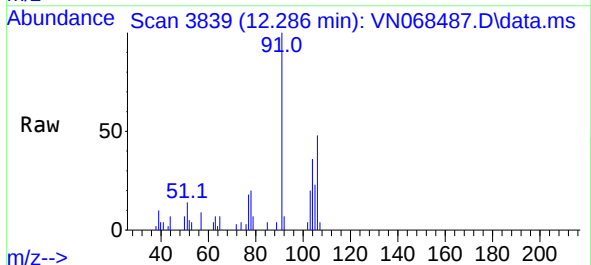
Instrument :
MSVOA_N
ClientSampled :
31201

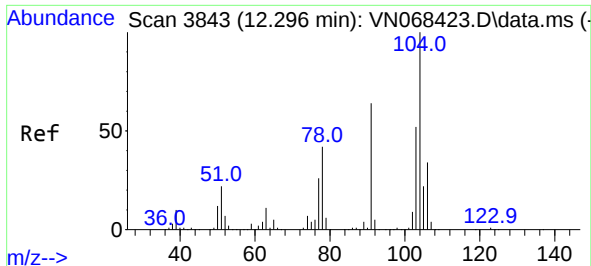
Tgt Ion:106 Resp: 12856
Ion Ratio Lower Upper
106 100
91 204.9 149.5 224.3



#69
o-Xylene
Concen: 0.696 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

Tgt Ion:106 Resp: 6012
Ion Ratio Lower Upper
106 100
91 202.4 99.3 297.8

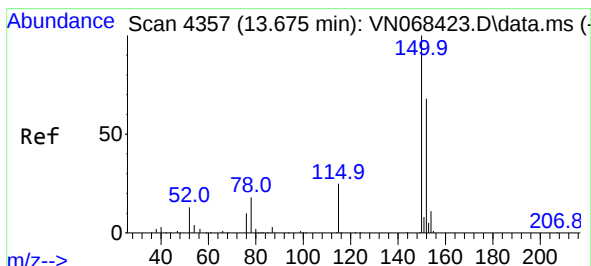
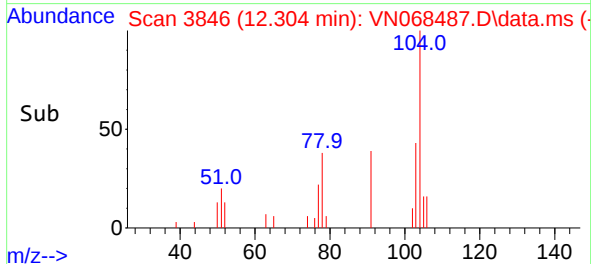
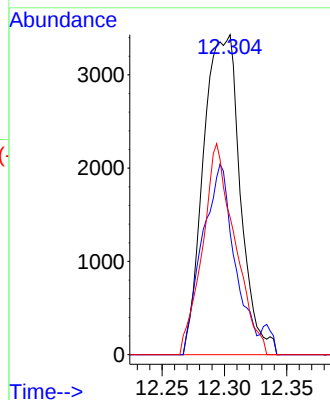
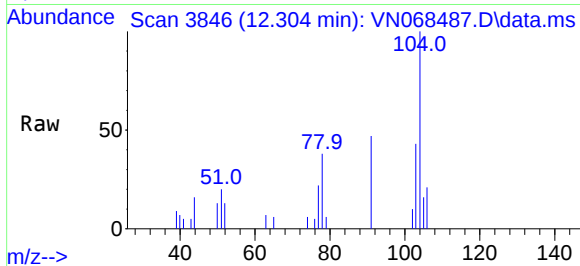




#70
Styrene
Concen: 0.538 ug/l
RT: 12.304 min Scan# 3846
Delta R.T. 0.008 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

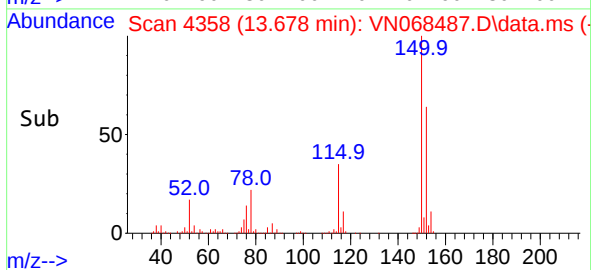
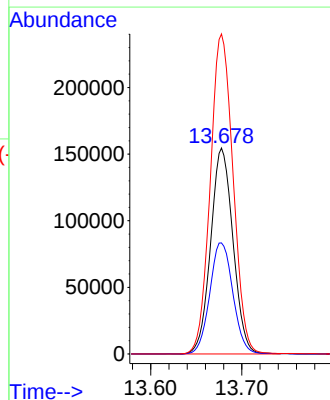
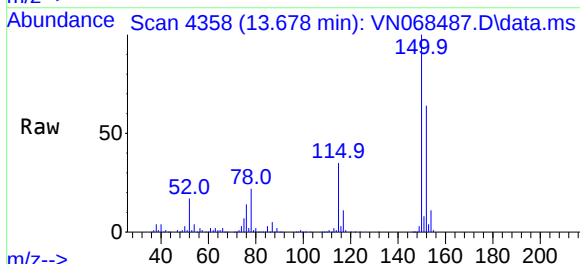
Instrument :
MSVOA_N
ClientSampled :
31201

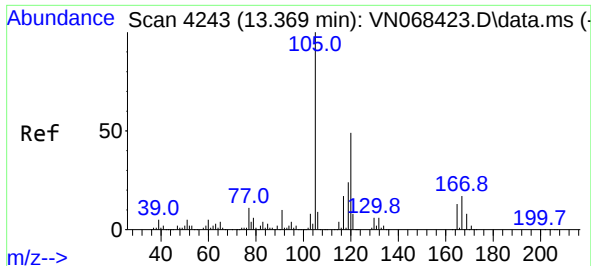
Tgt Ion:	104	Resp:	7041
Ion	Ratio	Lower	Upper
104	100		
78	52.4	36.2	54.2
103	58.0	44.4	66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

Tgt Ion:	152	Resp:	263311
Ion	Ratio	Lower	Upper
152	100		
115	55.9	25.6	76.6
150	158.4	0.0	346.8

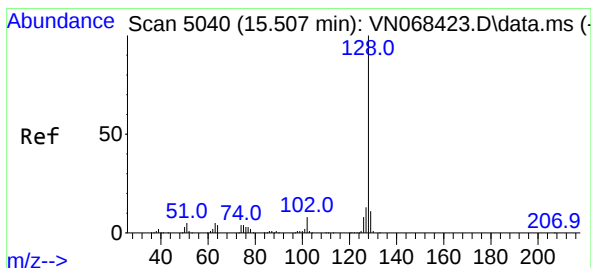
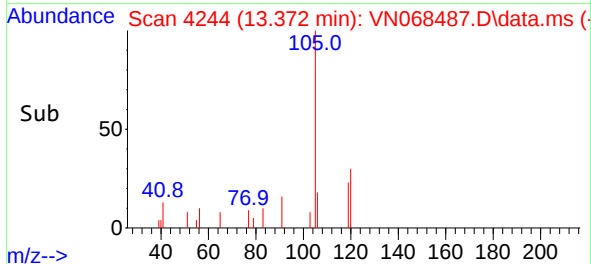
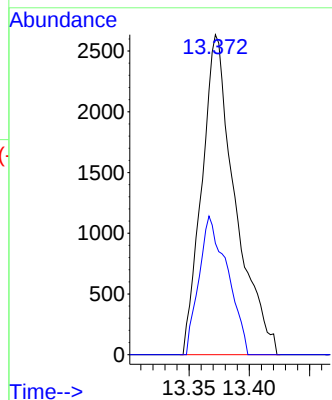
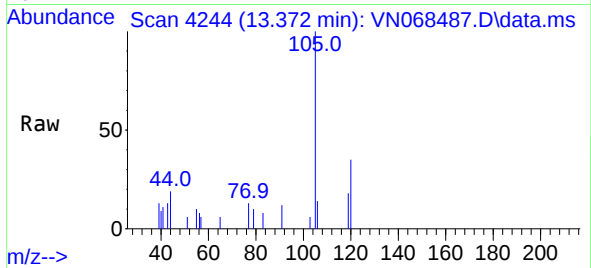




#84
1,2,4-Trimethylbenzene
Concen: 0.346 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

Instrument :
MSVOA_N
ClientSampled :
31201

Tgt Ion:105 Resp: 5054
Ion Ratio Lower Upper
105 100
120 37.1 24.3 72.9



#95
Naphthalene
Concen: 6.656 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068487.D
Acq: 15 Sep 2021 16:34

Tgt Ion:128 Resp: 35408
Ion Ratio Lower Upper
128 100
127 14.4 10.6 15.8
129 10.3 8.6 13.0

