

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068331.D
 Acq On : 26 Aug 2021 20:21
 Operator : JC/MD
 Sample : M3529-05DL 40X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 31117DL

Manual Integrations
 APPROVED

SAM
 8/27/2021 1:34:37 PM

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Quant Time: Aug 27 05:55:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	453676	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	772664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	821912	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	429379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	231046	47.697	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.400%		
35) Dibromofluoromethane	8.026	113	213553	44.023	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.040%		
50) Toluene-d8	10.443	98	852986	46.147	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.300%		
62) 4-Bromofluorobenzene	12.733	95	342989	55.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.480%		
Target Compounds					Qvalue	
16) Acetone	4.293	43	13088m	9.254	ug/l	
25) 2-Butanone	7.356	43	5456	2.475	ug/l	# 86
40) Benzene	8.461	78	1500064	77.811	ug/l	100
52) Toluene	10.507	92	826557	62.892	ug/l	99
67) Ethyl Benzene	11.848	91	149085	5.371	ug/l	94
68) m/p-Xylenes	11.953	106	362934	32.684	ug/l	81
69) o-Xylene	12.285	106	337371	31.444	ug/l	81
73) Isopropylbenzene	12.580	105	9291	0.304	ug/l	99
78) n-propylbenzene	12.924	91	23077	0.704	ug/l	89
80) 1,3,5-Trimethylbenzene	13.063	105	94822	3.838	ug/l	91
84) 1,2,4-Trimethylbenzene	13.372	105	313364	12.994	ug/l	92
95) Naphthalene	15.509	128	1950574	111.332	ug/l	100

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

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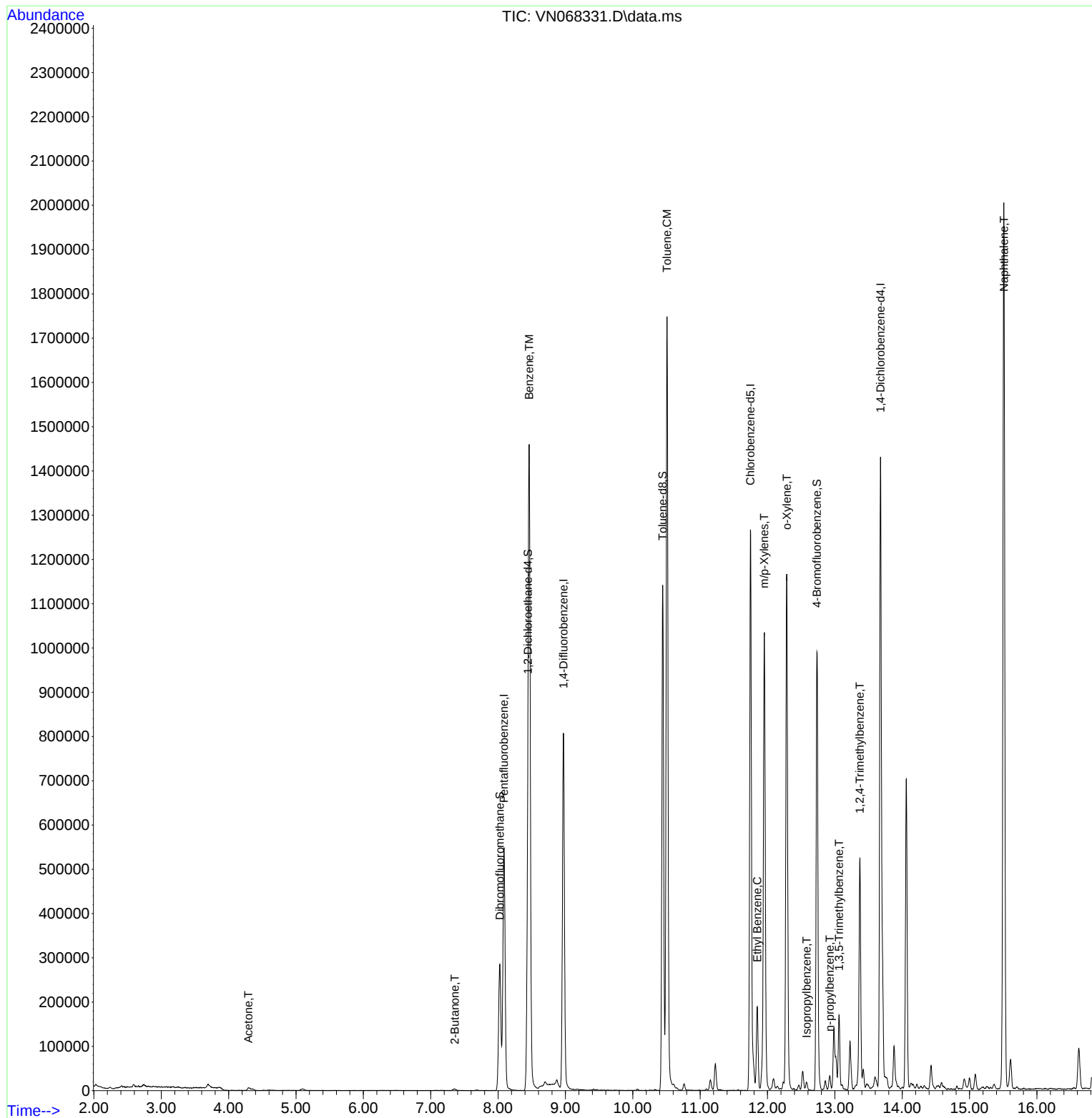
Instrument :
MSVOA_N
ClientSampleId :
31117DL

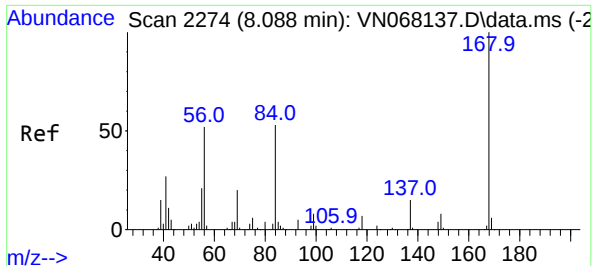
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

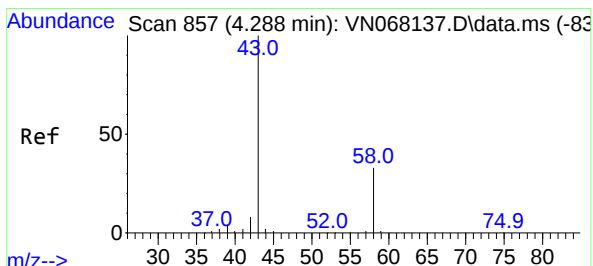
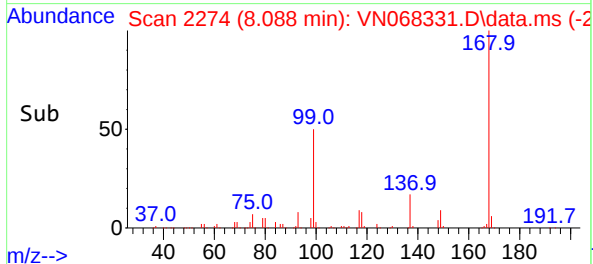
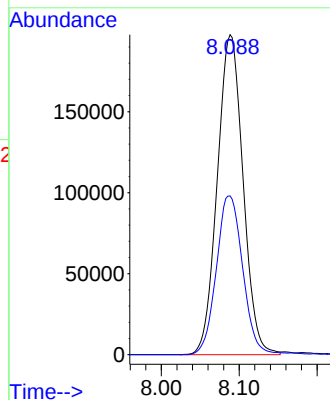
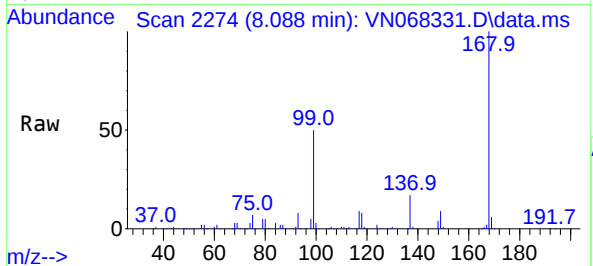
Tgt Ion:168 Resp: 453676
Ion Ratio Lower Upper
168 100
99 49.6 62.9 94.3#

Instrument :
MSVOA_N
ClientSampled :
31117DL

Manual Integrations
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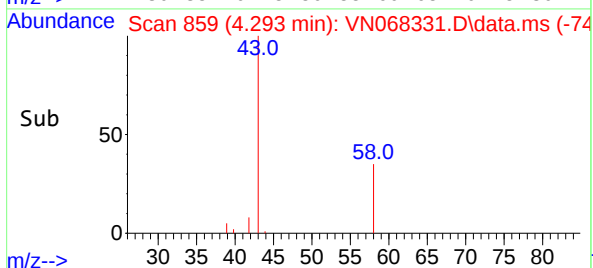
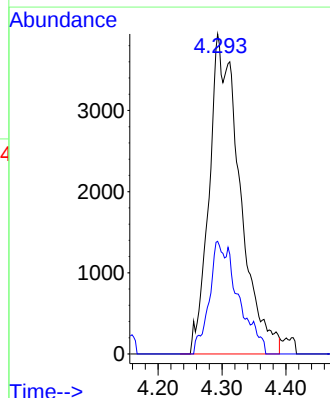
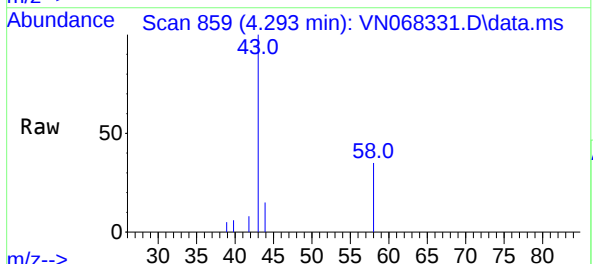
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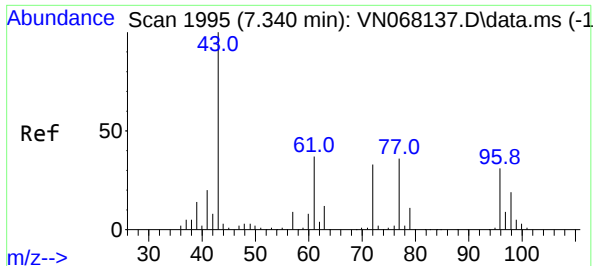
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#16
Acetone
Concen: 9.254 ug/l m
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

Tgt Ion: 43 Resp: 13088
Ion Ratio Lower Upper
43 100
58 35.2 21.2 31.8#





#25
2-Butanone
Concen: 2.475 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.016 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

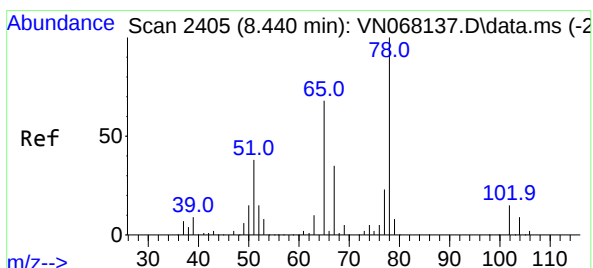
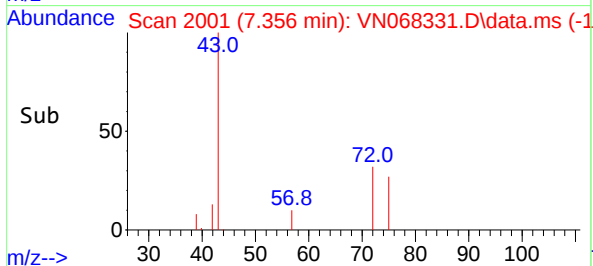
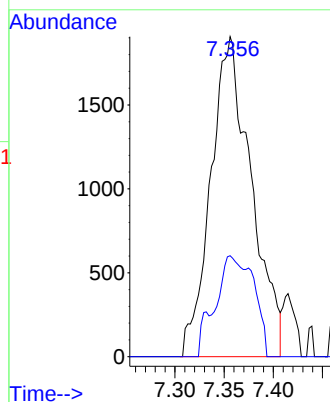
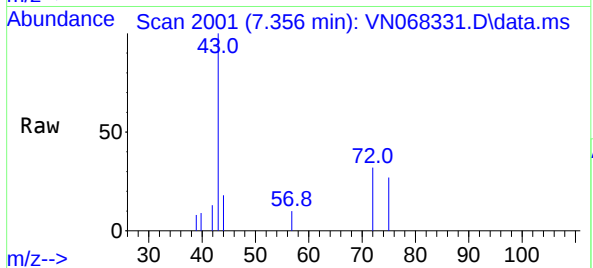
Tgt Ion: 43 Resp: 5456
Ion Ratio Lower Upper
43 100
72 31.6 19.7 29.5#

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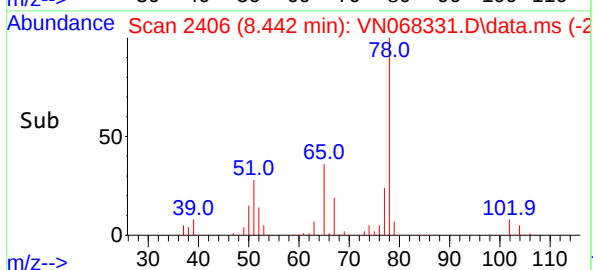
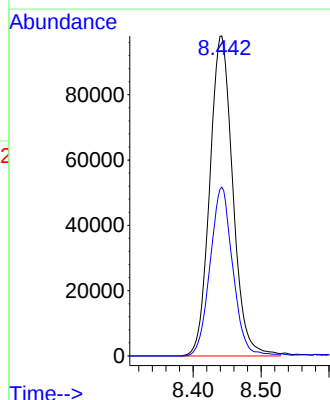
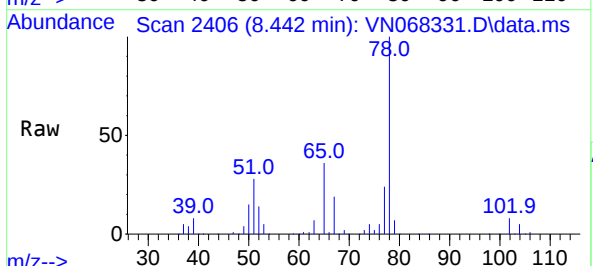
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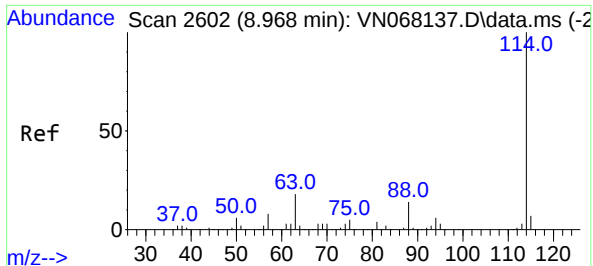
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#33
1,2-Dichloroethane-d4
Concen: 47.697 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

Tgt Ion: 65 Resp: 231046
Ion Ratio Lower Upper
65 100
67 51.8 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: VN068331.D
Acq: 26 Aug 2021 20:21

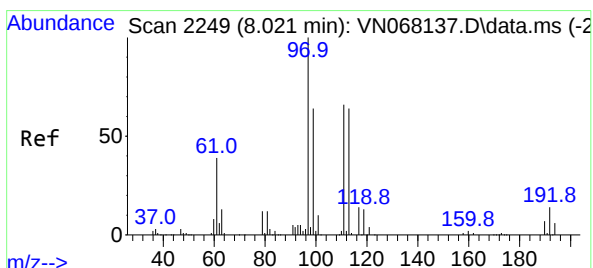
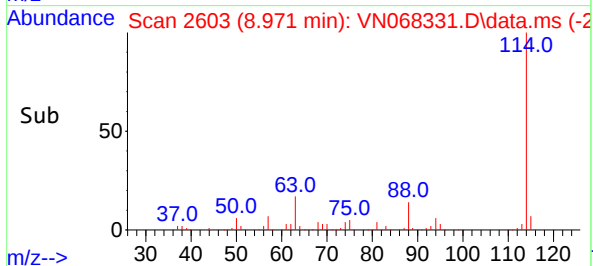
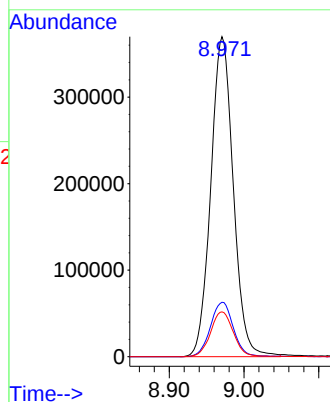
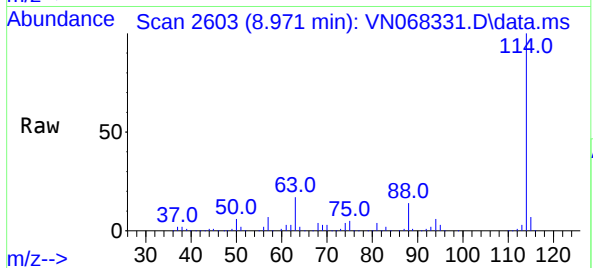
Tgt Ion:	114	Resp:	772664
Ion Ratio	Lower	Upper	
114	100		
63	17.0	0.0	49.0
88	14.0	0.0	36.6

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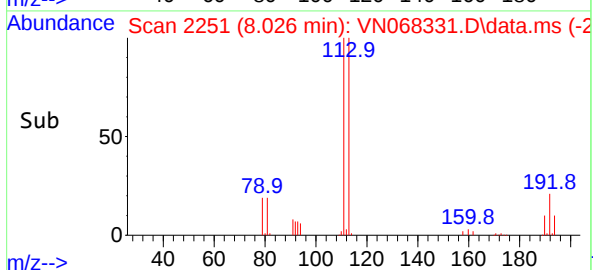
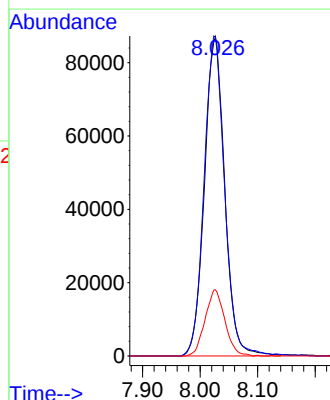
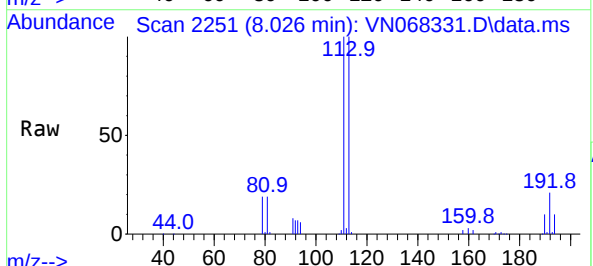
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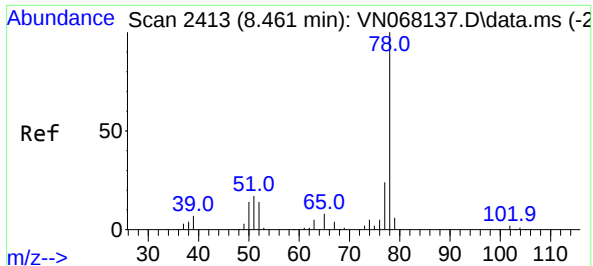
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#35
Dibromofluoromethane
Concen: 44.023 ug/l
RT: 8.026 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

Tgt Ion:	113	Resp:	213553
Ion Ratio	Lower	Upper	
113	100		
111	101.0	83.8	125.8
192	20.2	13.4	20.0#





#40
Benzene
Concen: 77.811 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

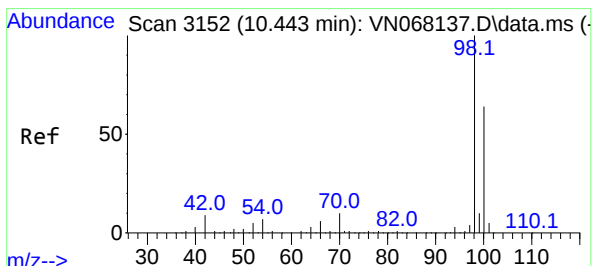
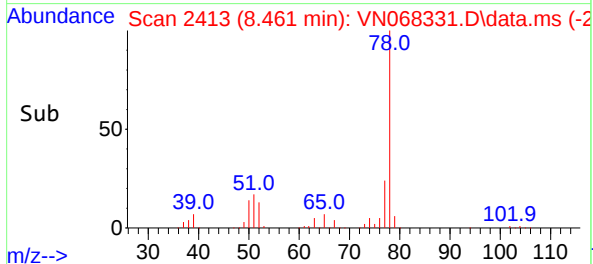
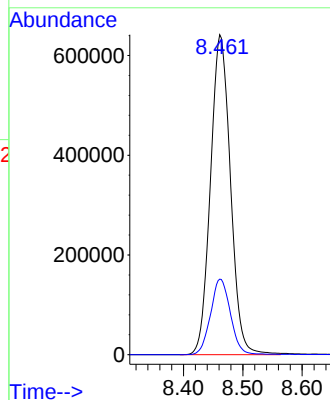
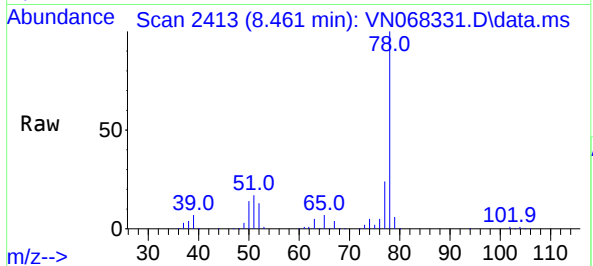
Tgt Ion: 78 Resp: 1500064
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

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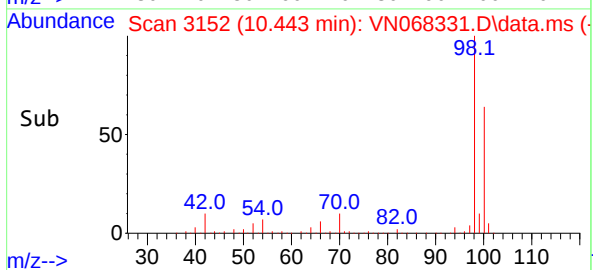
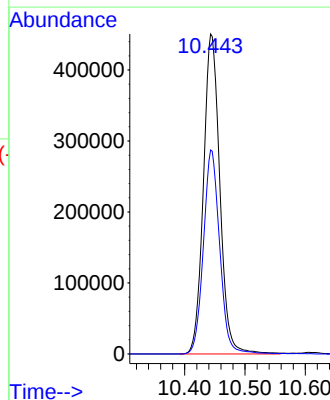
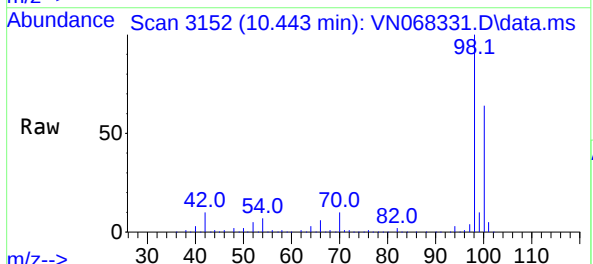
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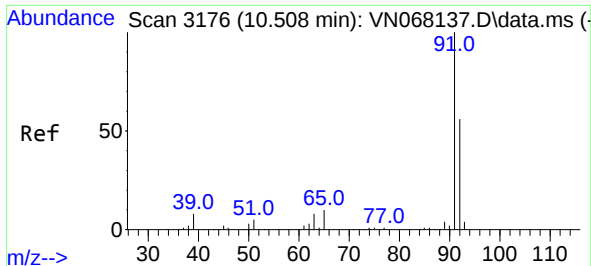
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#50
Toluene-d8
Concen: 46.147 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

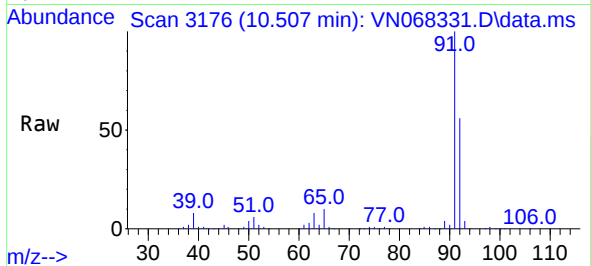
Tgt Ion: 98 Resp: 852986
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5





#52
Toluene
Concen: 62.892 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

Instrument :
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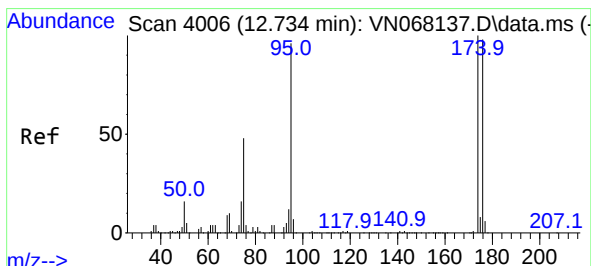
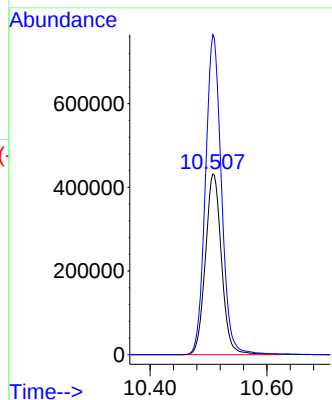


Tgt Ion: 92 Resp: 826557
Ion Ratio Lower Upper
92 100
91 175.9 139.6 209.4

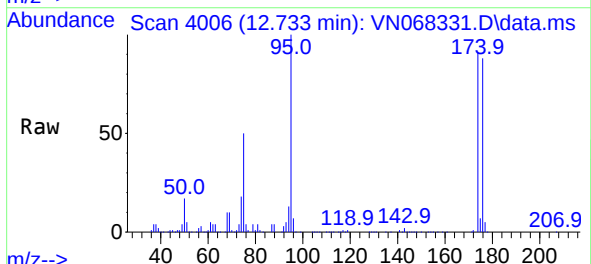
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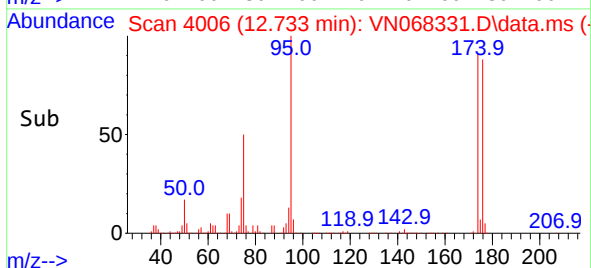
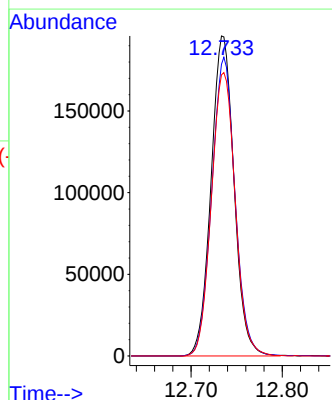
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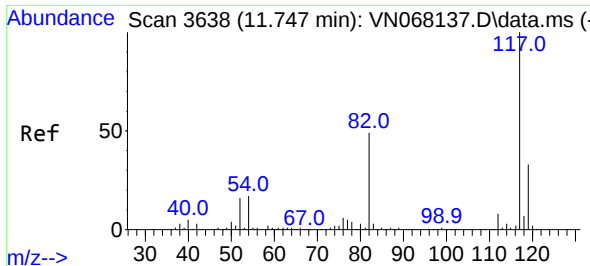


#62
4-Bromofluorobenzene
Concen: 55.741 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21



Tgt Ion: 95 Resp: 342989
Ion Ratio Lower Upper
95 100
174 94.5 0.0 122.0
176 91.8 0.0 117.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

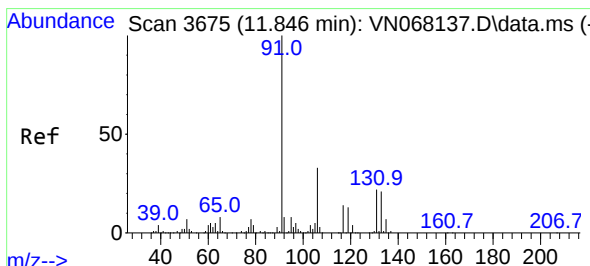
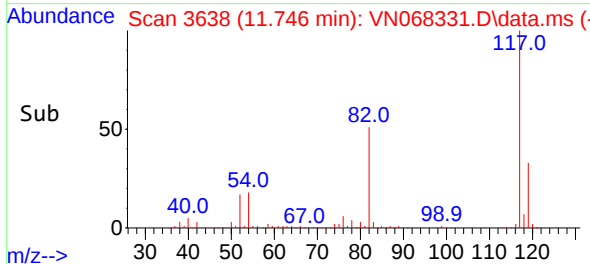
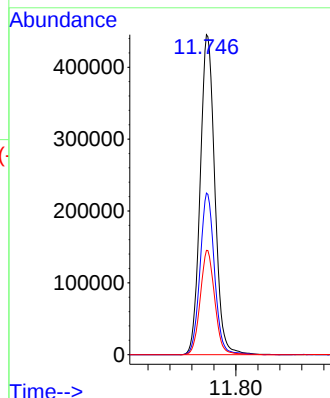
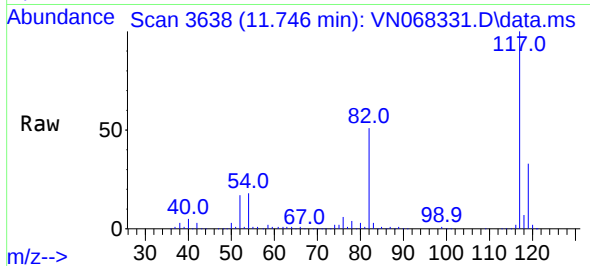
Tgt Ion: 117 Resp: 821912
Ion Ratio Lower Upper
117 100
82 50.5 53.1 79.7#
119 32.6 25.5 38.3

Instrument :
MSVOA_N
ClientSampled :
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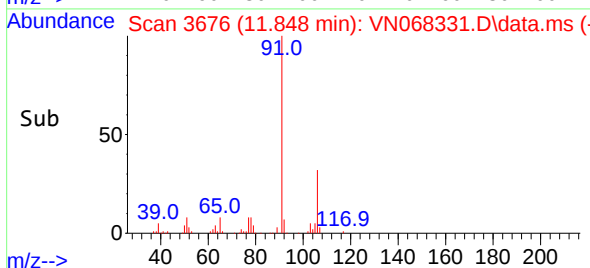
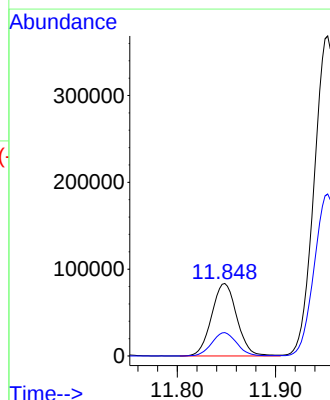
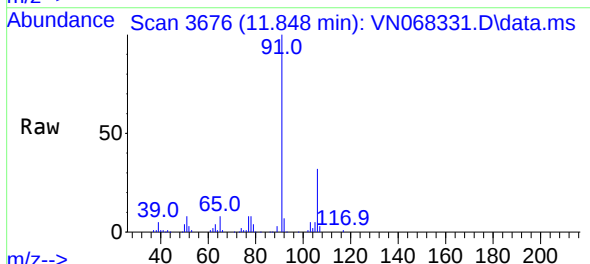
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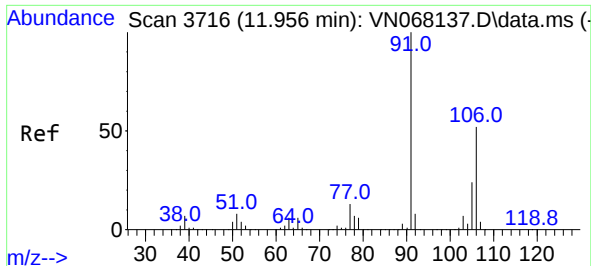
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#67
Ethyl Benzene
Concen: 5.371 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

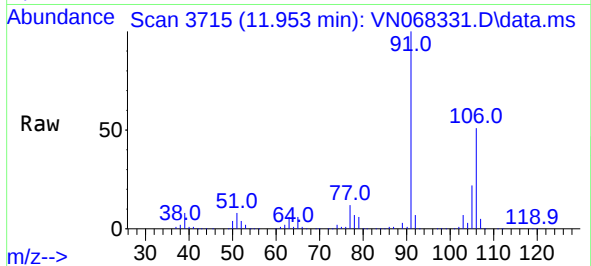
Tgt Ion: 91 Resp: 149085
Ion Ratio Lower Upper
91 100
106 32.2 23.4 35.0





#68
m/p-Xylenes
Concen: 32.684 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

Instrument :
MSVOA_N
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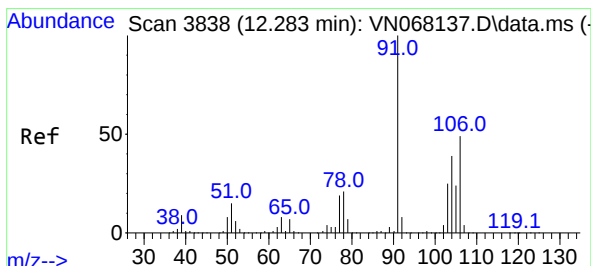
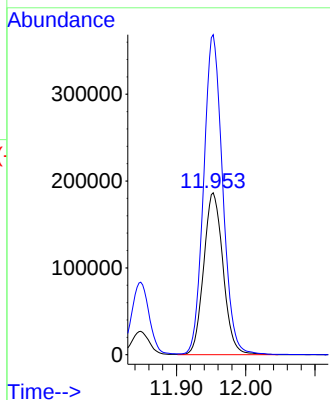


Tgt Ion:106 Resp: 362934
Ion Ratio Lower Upper
106 100
91 194.0 180.6 270.8

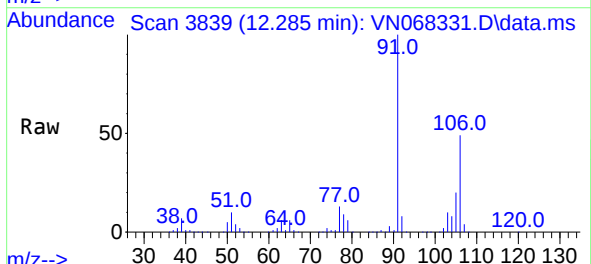
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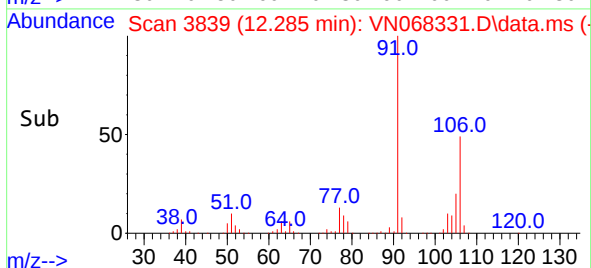
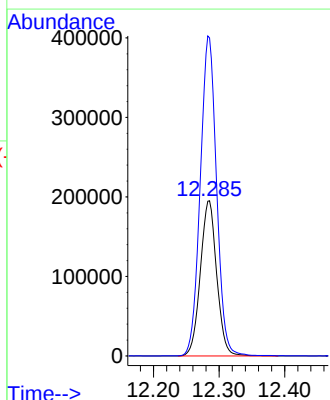
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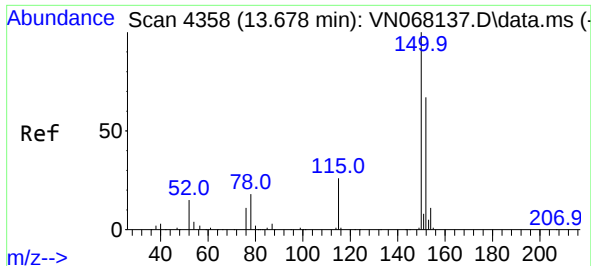


#69
o-Xylene
Concen: 31.444 ug/l
RT: 12.285 min Scan# 3839
Delta R.T. 0.002 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21



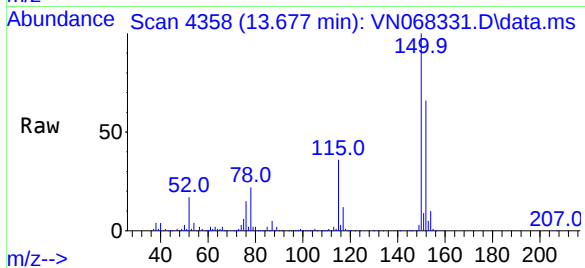
Tgt Ion:106 Resp: 337371
Ion Ratio Lower Upper
106 100
91 205.3 118.3 354.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

Instrument :
MSVOA_N
ClientSampleId :
31117DL

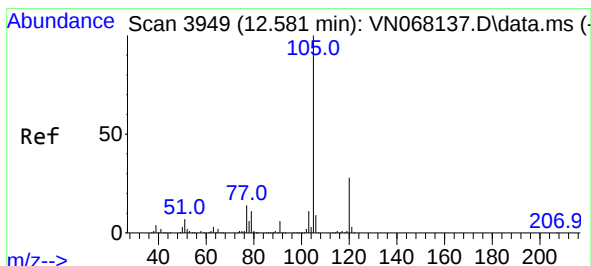
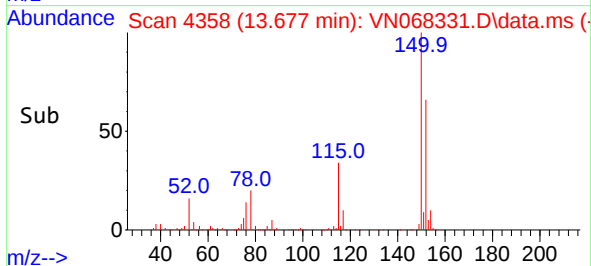
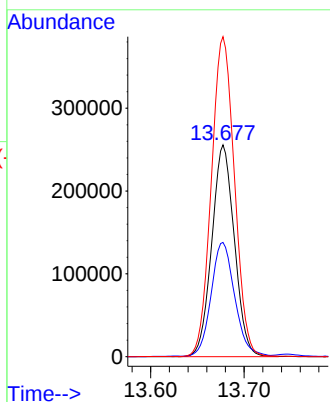


Tgt Ion:152 Resp: 429379
Ion Ratio Lower Upper
152 100
115 56.1 36.1 108.5
150 155.1 0.0 351.8

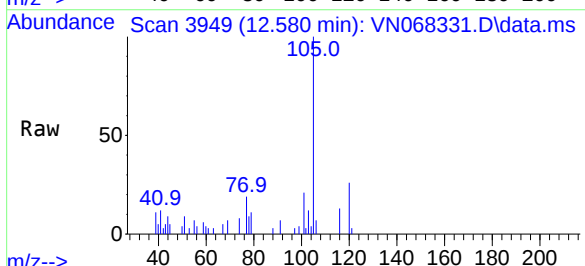
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SAM
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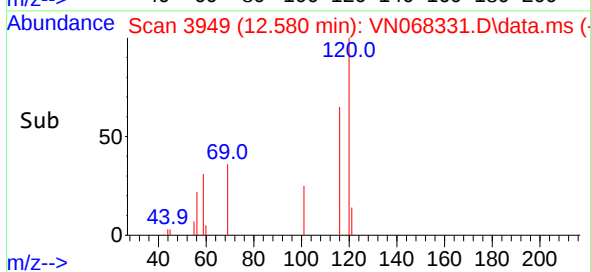
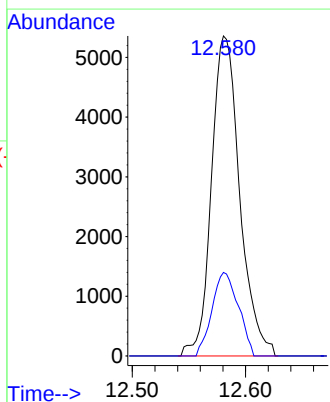
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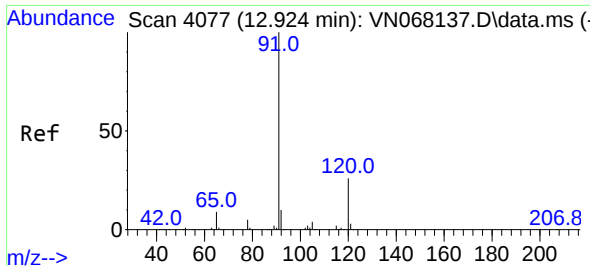


#73
Isopropylbenzene
Concen: 0.304 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.001 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21



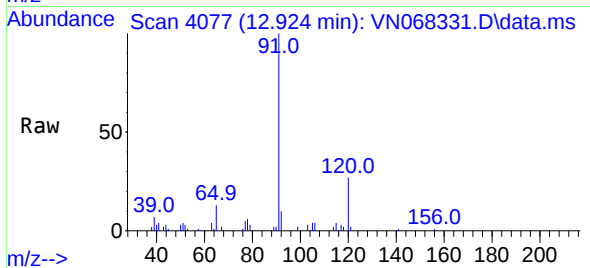
Tgt Ion:105 Resp: 9291
Ion Ratio Lower Upper
105 100
120 24.3 12.5 37.5





#78
n-propylbenzene
Concen: 0.704 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

Instrument :
MSVOA_N
ClientSampled :
31117DL

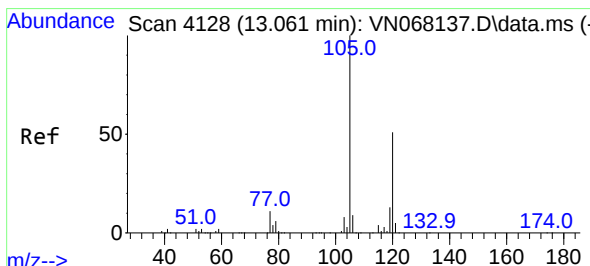
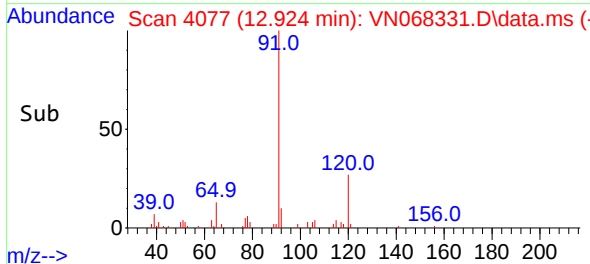
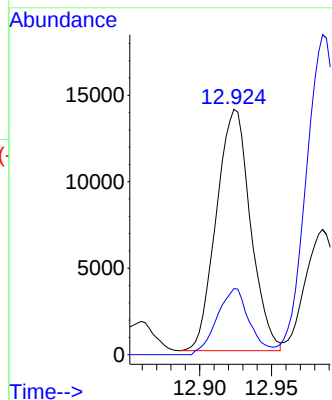


Tgt Ion: 91 Resp: 23077
Ion Ratio Lower Upper
91 100
120 25.9 10.4 31.4

Manual Integrations
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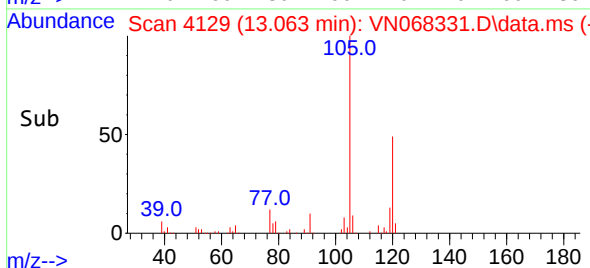
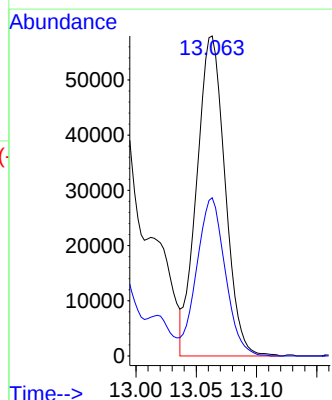
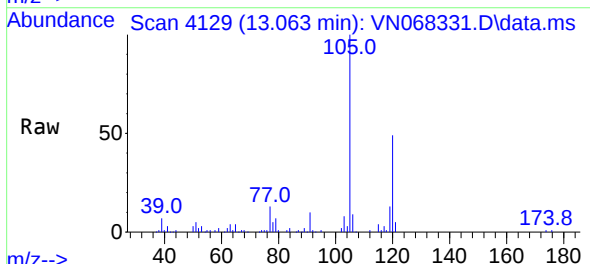
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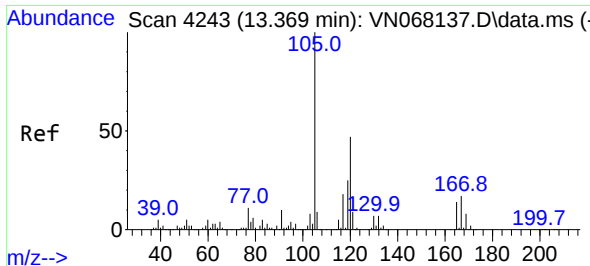
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#80
1,3,5-Trimethylbenzene
Concen: 3.838 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

Tgt Ion: 105 Resp: 94822
Ion Ratio Lower Upper
105 100
120 50.1 22.2 66.6





#84
1,2,4-Trimethylbenzene
Concen: 12.994 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

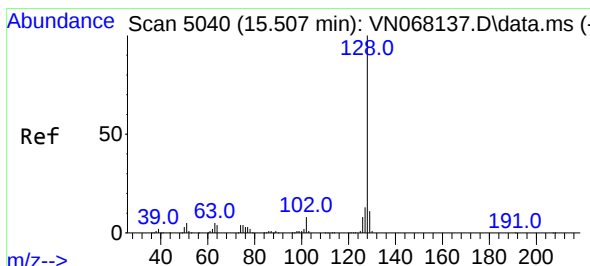
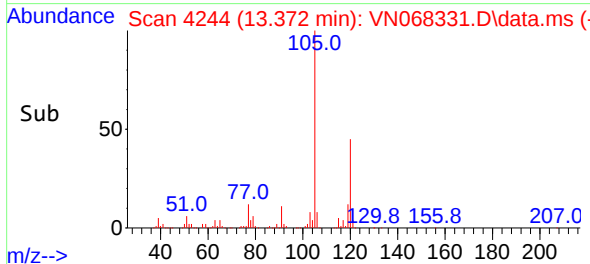
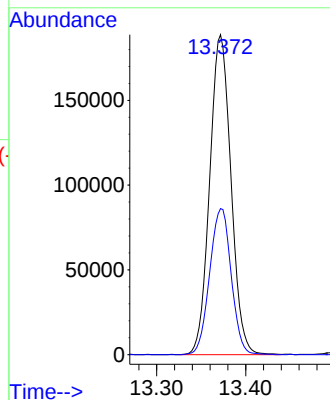
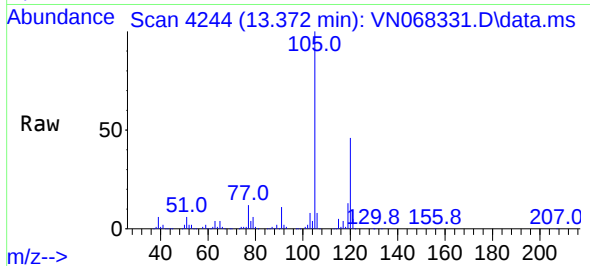
Tgt Ion:105 Resp: 313364
Ion Ratio Lower Upper
105 100
120 46.2 20.6 61.8

Instrument :
MSVOA_N
ClientSampleID :
31117DL

Manual Integrations
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SAM
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#95
Naphthalene
Concen: 111.332 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068331.D
Acq: 26 Aug 2021 20:21

Tgt Ion:128 Resp: 1950574
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.8 8.6 12.8

