

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068494.D
 Acq On : 15 Sep 2021 19:31
 Operator : JC/MD
 Sample : M3759-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31209

Manual Integrations
 APPROVED

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 9/16/2021 7:24:23 PM

Quant Time: Sep 16 03:18:57 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	1092454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1397792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1187634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	513729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	419118	41.824	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.640%		
35) Dibromofluoromethane	8.021	113	413289	49.023	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.040%		
50) Toluene-d8	10.443	98	1556868	50.839	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.680%		
62) 4-Bromofluorobenzene	12.733	95	450514	45.975	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.940%		
Target Compounds					Qvalue	
16) Acetone	4.291	43	3860943	1164.286	ug/l #	44
25) 2-Butanone	7.335	43	206591	42.425	ug/l	99
40) Benzene	8.461	78	60505	1.754	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	319953	35.837	ug/l	100
52) Toluene	10.502	92	16748272m	731.773	ug/l	
67) Ethyl Benzene	11.846	91	744167	18.636	ug/l	100
68) m/p-Xylenes	11.953	106	1416380	88.089	ug/l	98
69) o-Xylene	12.283	106	638993	40.787	ug/l	100
73) Isopropylbenzene	12.581	105	40555	1.110	ug/l	99
78) n-propylbenzene	12.921	91	91110	2.361	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	319555	10.764	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	559236	19.641	ug/l	99
86) p-Isopropyltoluene	13.619	119	6739m	0.223	ug/l	
95) Naphthalene	15.509	128	16978	4.273	ug/l #	94

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

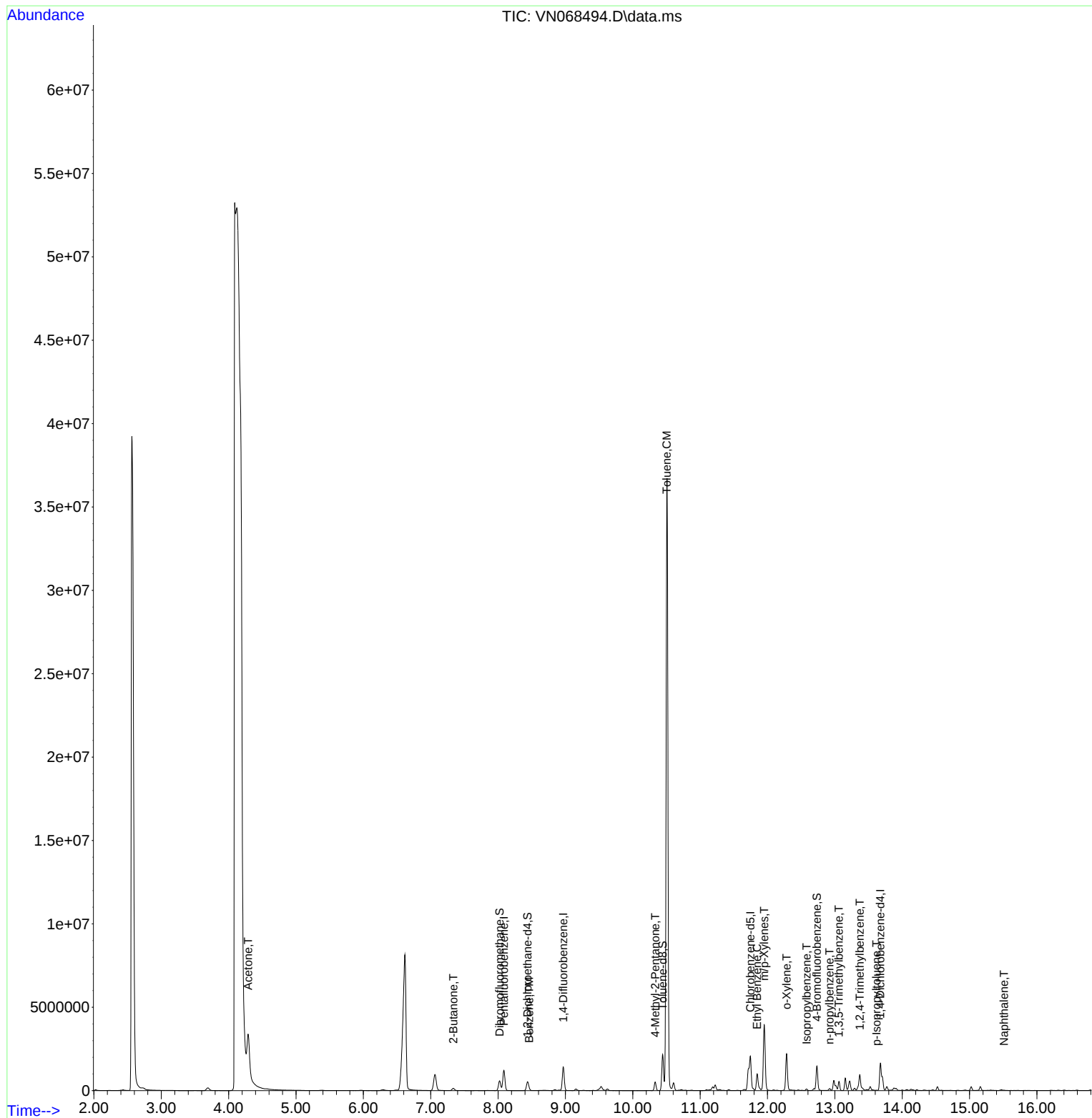
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
Data File : VN068494.D
Acq On : 15 Sep 2021 19:31
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

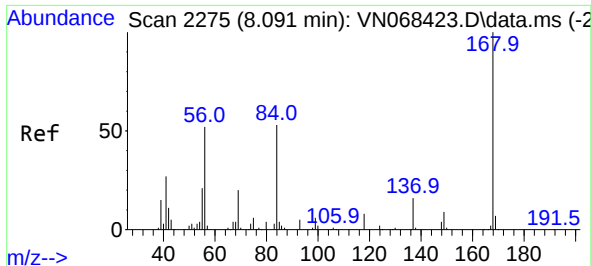
Instrument :
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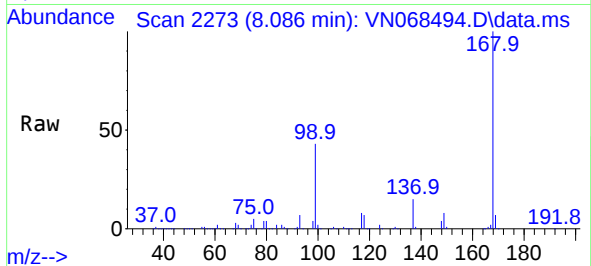
Quant Time: Sep 16 03:18:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 10 04:04:05 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.005 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31

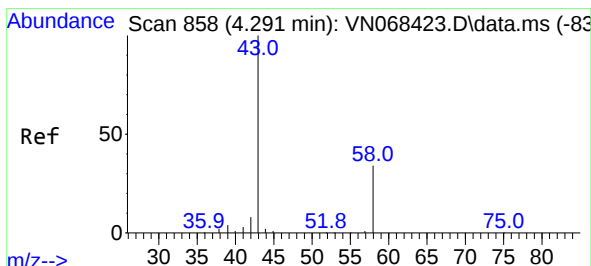
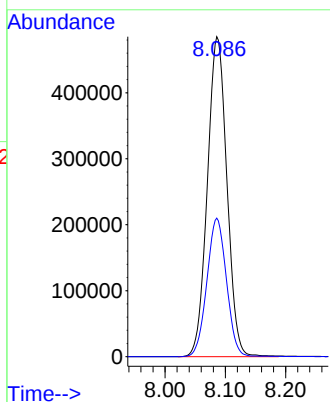
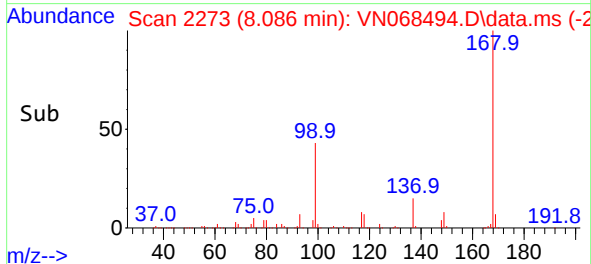
Instrument :
MSVOA_N
ClientSampled :
31209



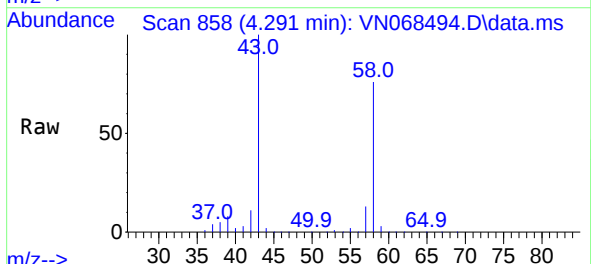
Tgt Ion:168 Resp: 1092454
Ion Ratio Lower Upper
168 100
99 43.3 38.2 57.4

Manual Integrations
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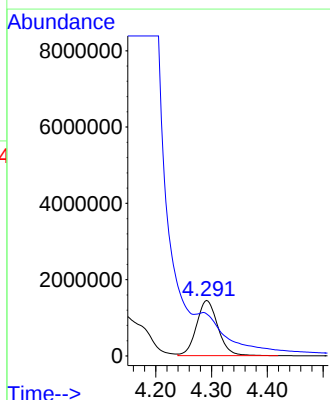
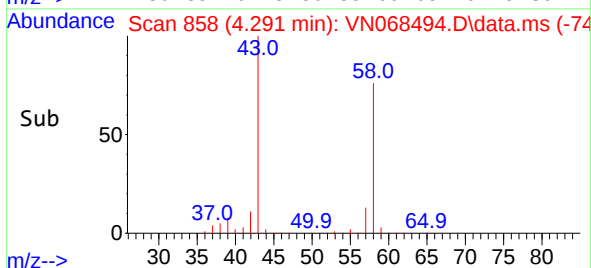
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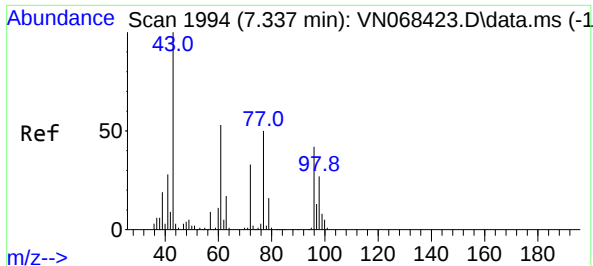


#16
Acetone
Concen: 1164.286 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31



Tgt Ion: 43 Resp: 3860943
Ion Ratio Lower Upper
43 100
58 66.0 27.0 40.6#





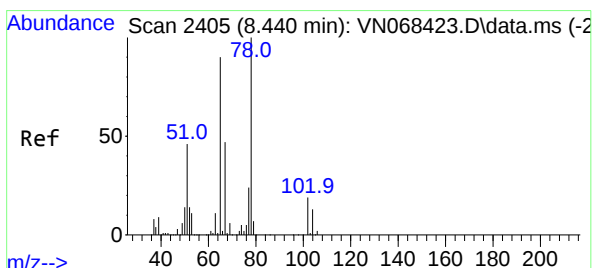
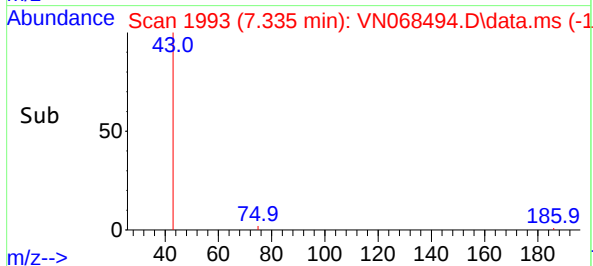
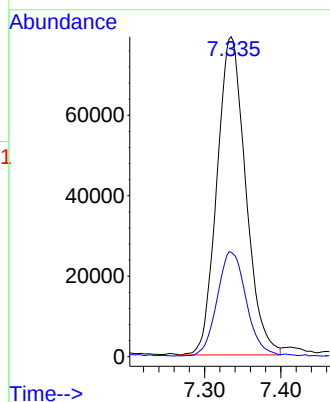
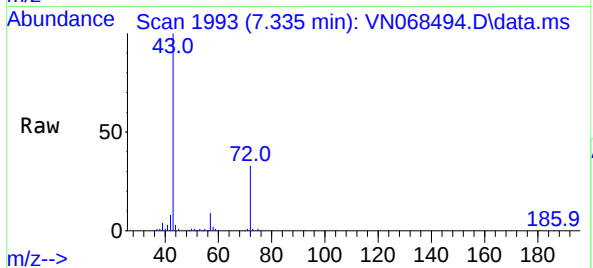
#25
2-Butanone
Concen: 42.425 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31

Tgt Ion: 43 Resp: 206591
Ion Ratio Lower Upper
43 100
72 32.6 26.7 40.1

Instrument :
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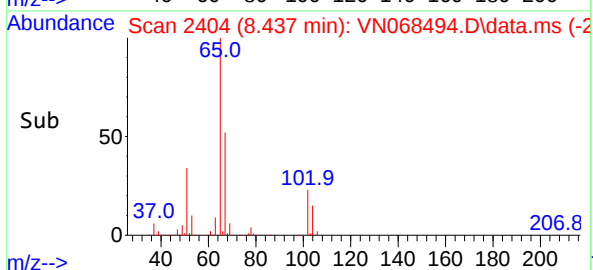
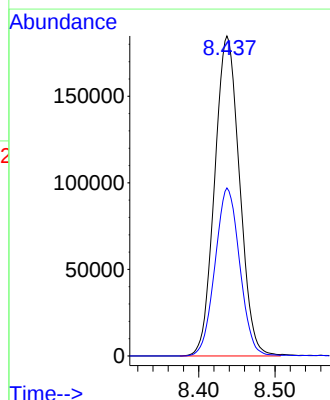
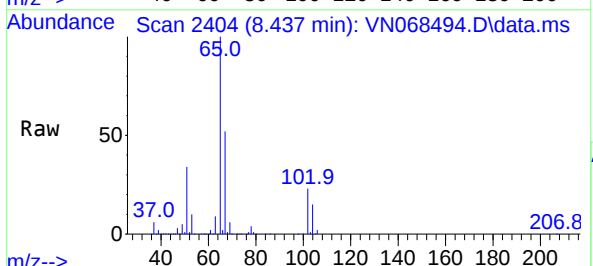
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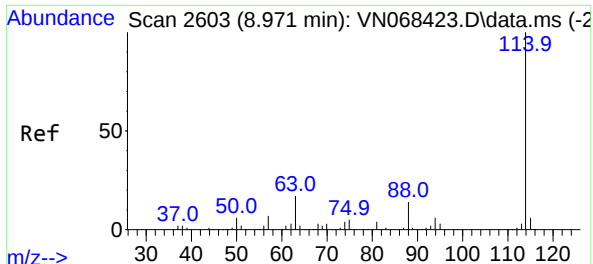
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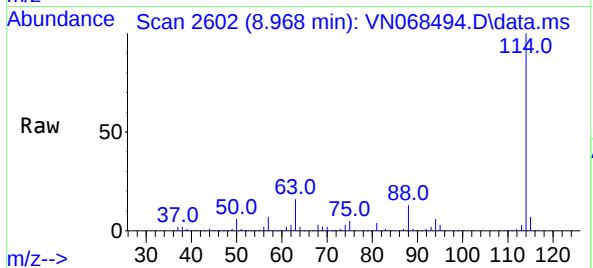
#33
1,2-Dichloroethane-d4
Concen: 41.824 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31

Tgt Ion: 65 Resp: 419118
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

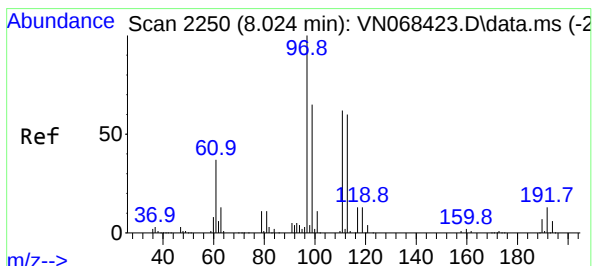
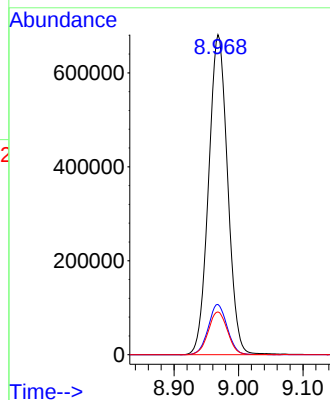
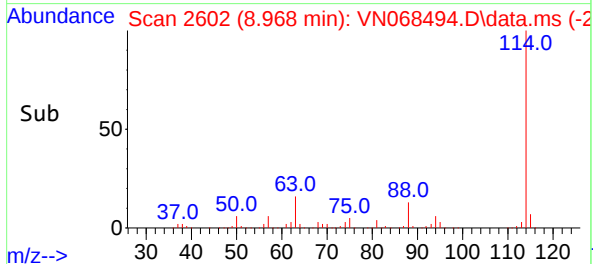




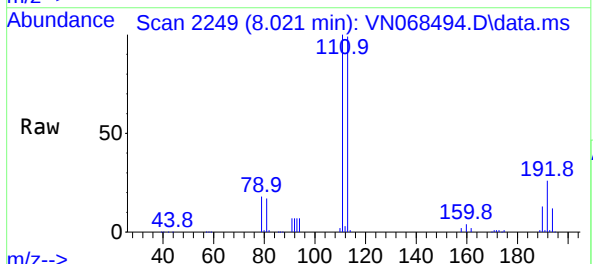
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31



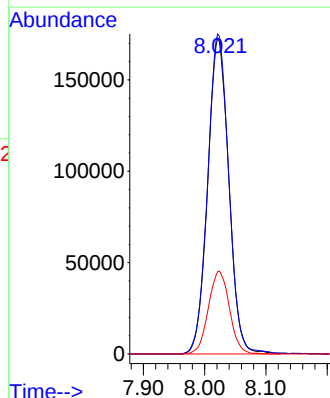
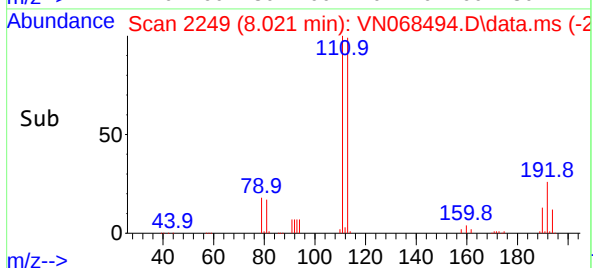
Tgt Ion:114 Resp: 1397792
Ion Ratio Lower Upper
114 100
63 15.7 0.0 33.2
88 13.4 0.0 28.4



#35
Dibromofluoromethane
Concen: 49.023 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31



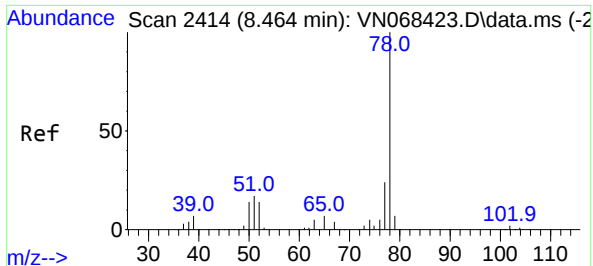
Tgt Ion:113 Resp: 413289
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 26.2 17.7 26.5



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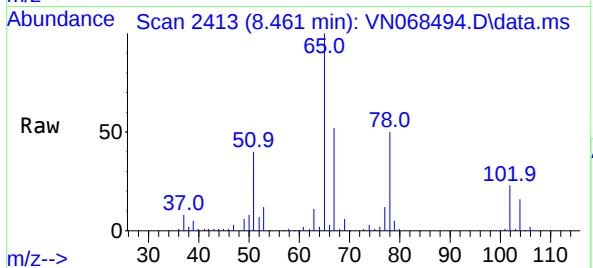
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#40
Benzene
Concen: 1.754 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31

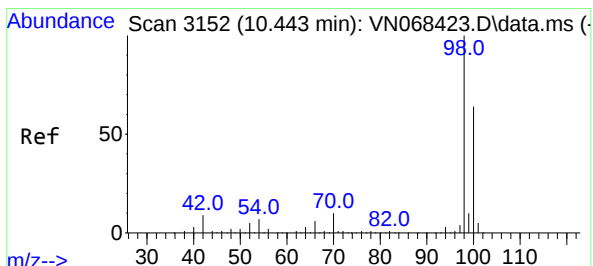
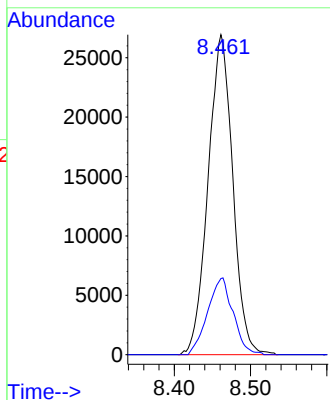
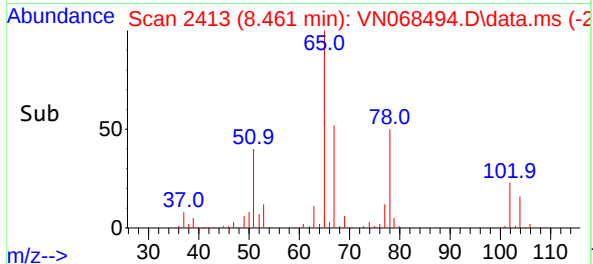
Instrument :
MSVOA_N
ClientSampled :
31209



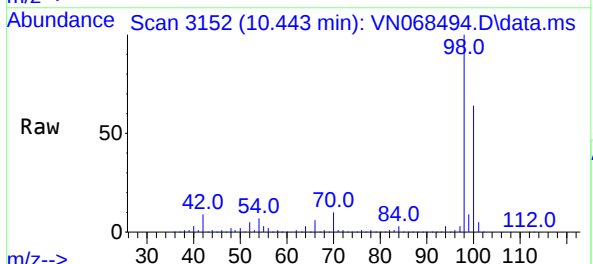
Tgt Ion: 78 Resp: 60505
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

Manual Integrations
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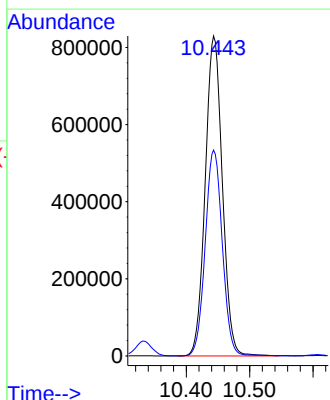
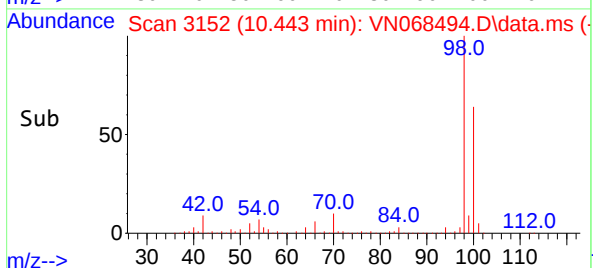
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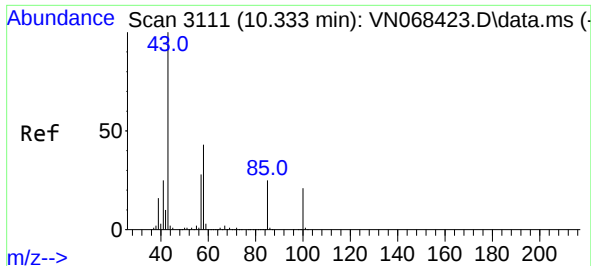


#50
Toluene-d8
Concen: 50.839 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31

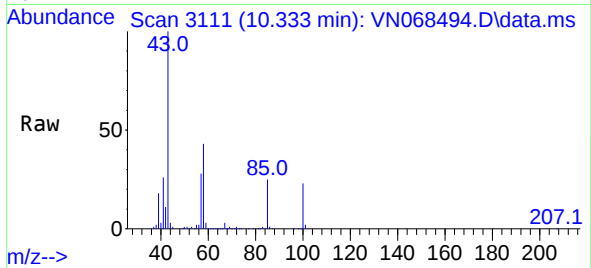


Tgt Ion: 98 Resp: 1556868
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.6

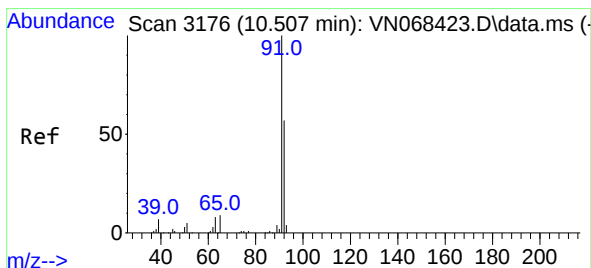
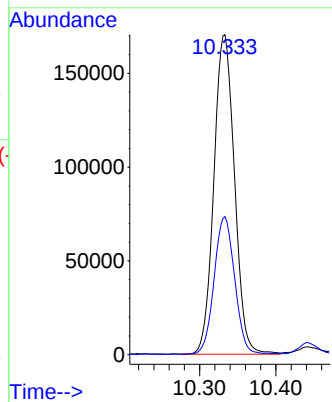
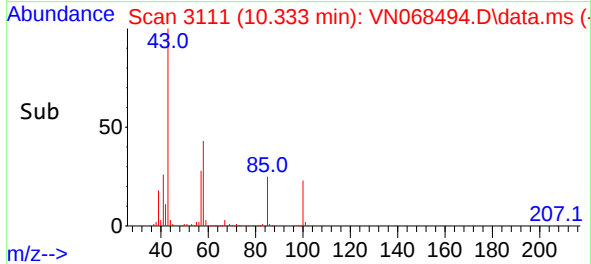




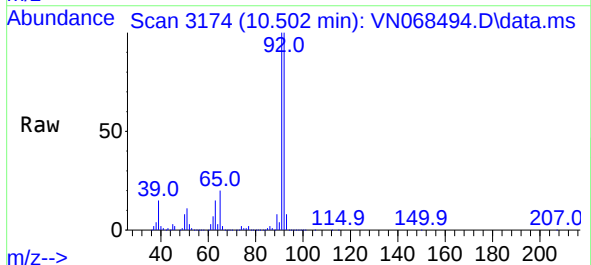
#51
4-Methyl-2-Pentanone
Concen: 35.837 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31



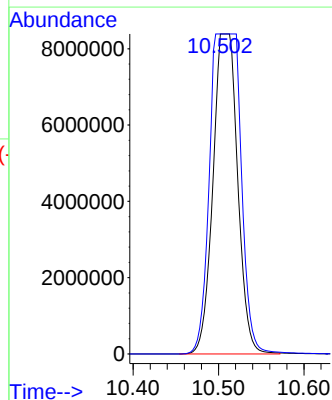
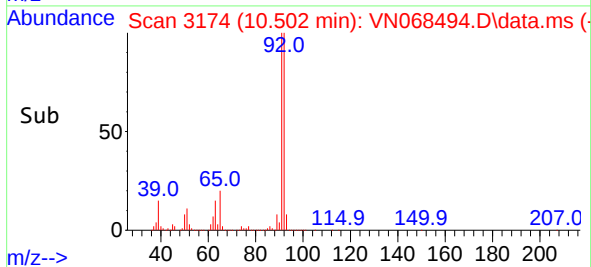
Tgt Ion: 43 Resp: 319953
Ion Ratio Lower Upper
43 100
58 43.0 34.3 51.5



#52
Toluene
Concen: 731.773 ug/l m
RT: 10.502 min Scan# 3174
Delta R.T. -0.005 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31



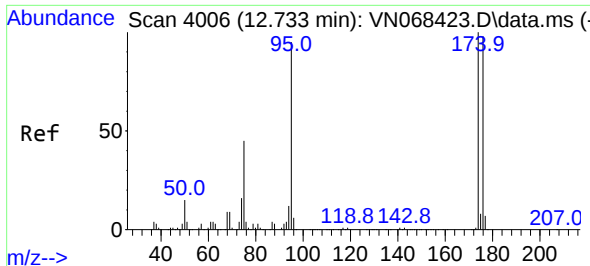
Tgt Ion: 92 Resp: 16748272
Ion Ratio Lower Upper
92 100
91 0.0 139.4 209.0#



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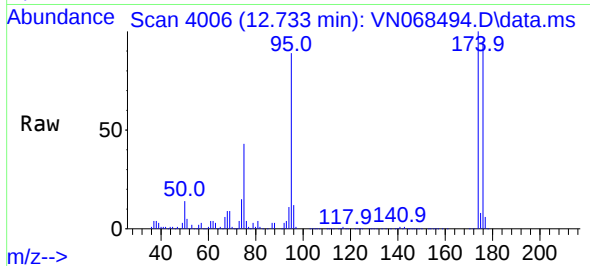
Manual Integrations
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#62
4-Bromofluorobenzene
Concen: 45.975 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31

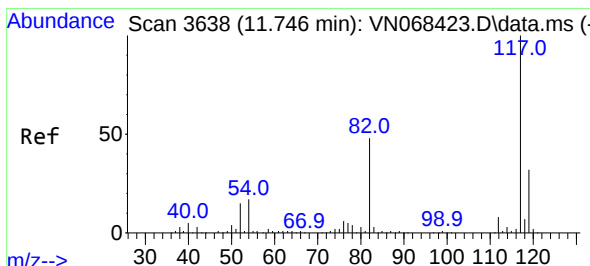
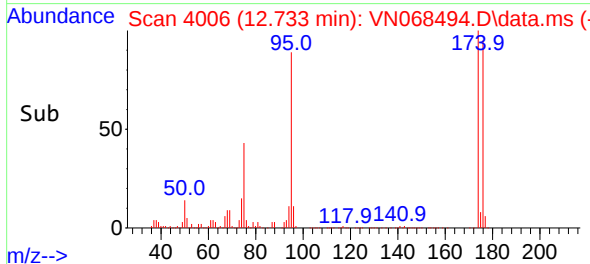
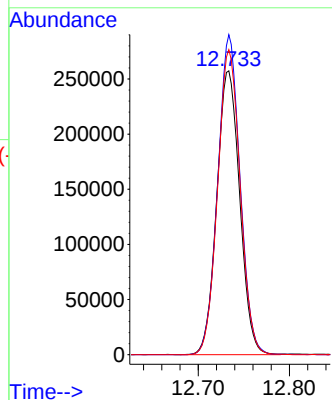
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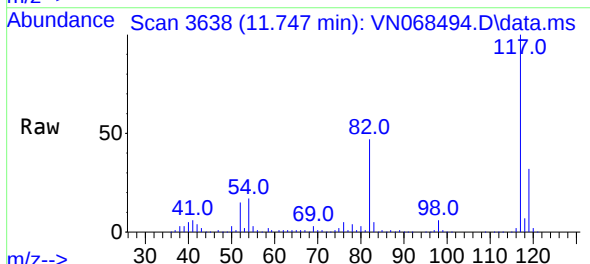
Tgt Ion: 95 Resp: 450514
Ion Ratio Lower Upper
95 100
174 109.1 0.0 214.0
176 105.6 0.0 205.4

Manual Integrations
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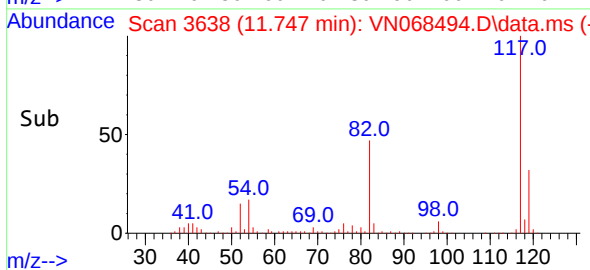
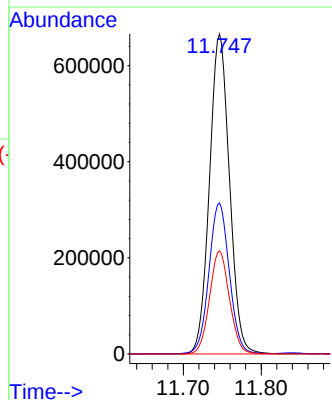
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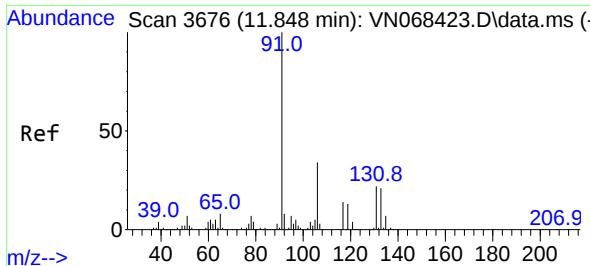


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31



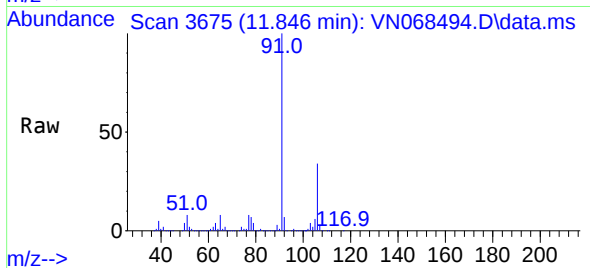
Tgt Ion: 117 Resp: 1187634
Ion Ratio Lower Upper
117 100
82 47.0 38.7 58.1
119 32.2 25.5 38.3





#67
Ethyl Benzene
Concen: 18.636 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31

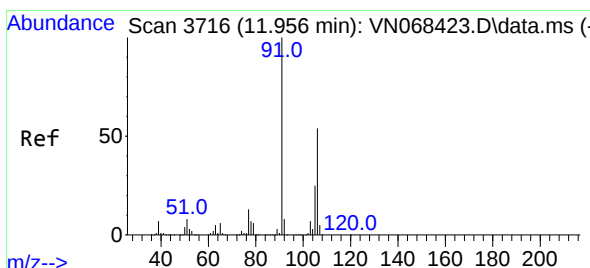
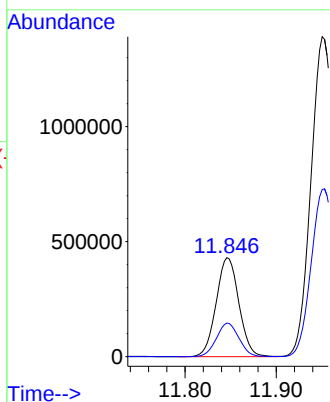
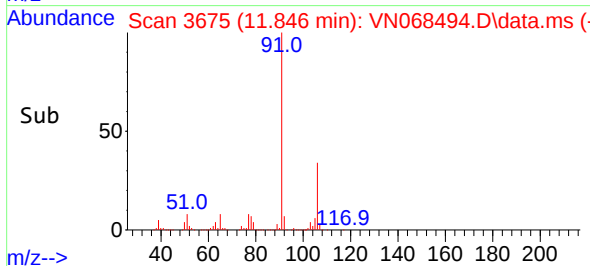
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ClientSampled :
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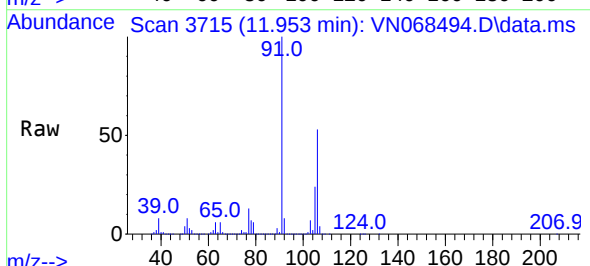
Tgt Ion: 91 Resp: 744167
Ion Ratio Lower Upper
91 100
106 34.0 27.1 40.7

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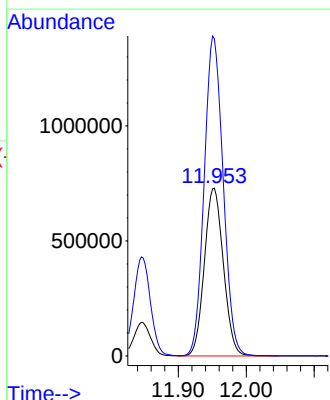
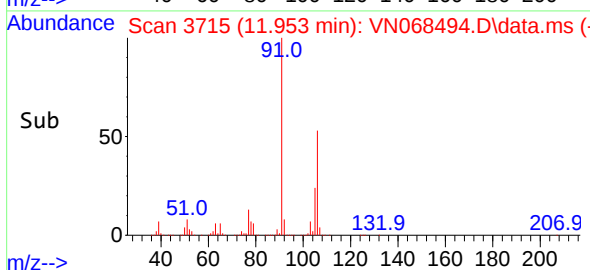
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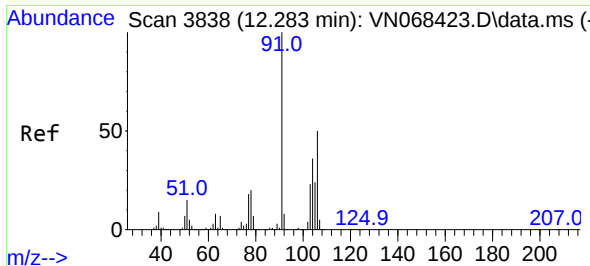


#68
m/p-Xylenes
Concen: 88.089 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31



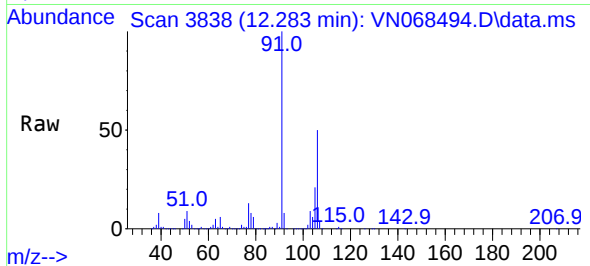
Tgt Ion:106 Resp: 1416380
Ion Ratio Lower Upper
106 100
91 189.9 149.5 224.3





#69
o-Xylene
Concen: 40.787 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31

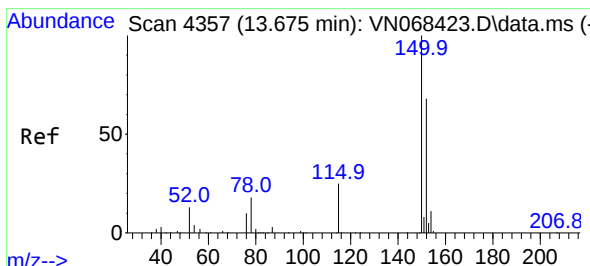
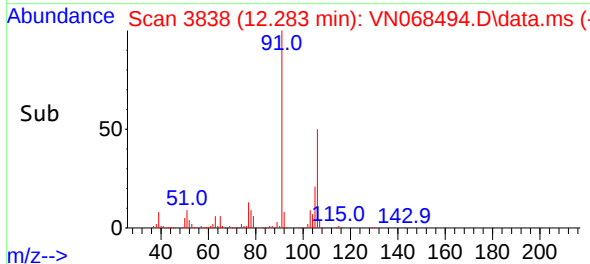
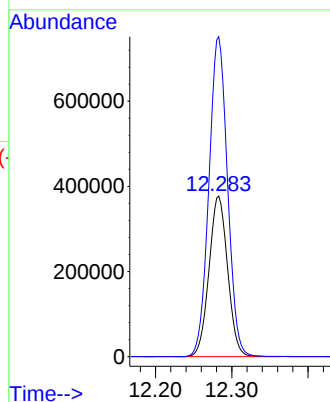
Instrument :
MSVOA_N
ClientSampled :
31209



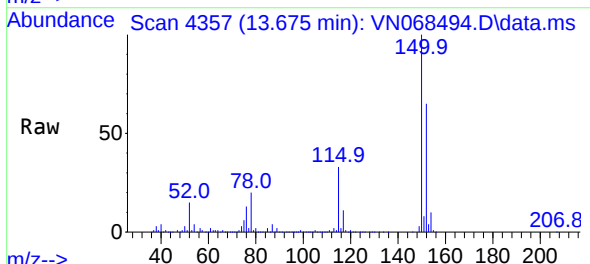
Tgt Ion:106 Resp: 638993
Ion Ratio Lower Upper
106 100
91 199.1 99.3 297.8

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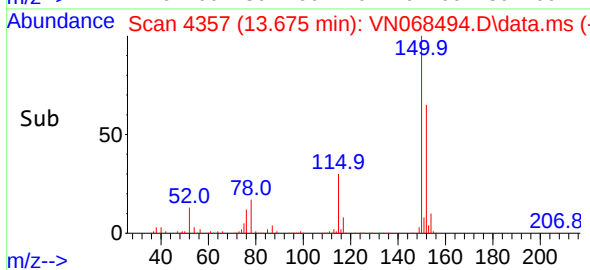
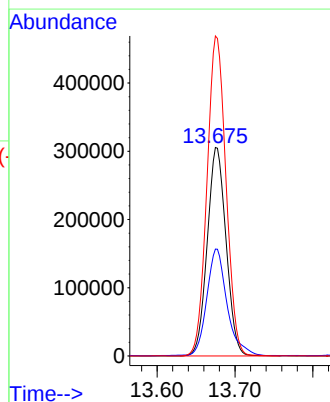
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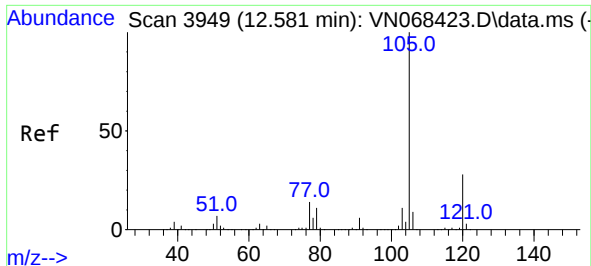


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.000 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31



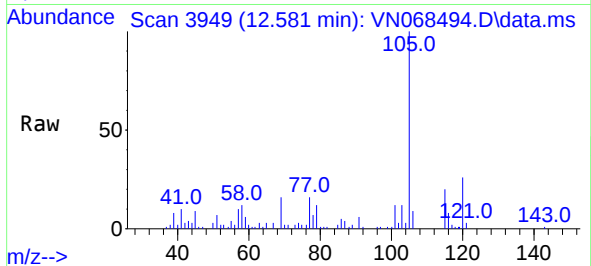
Tgt Ion:152 Resp: 513729
Ion Ratio Lower Upper
152 100
115 55.6 25.6 76.6
150 154.9 0.0 346.8





#73
Isopropylbenzene
Concen: 1.110 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31

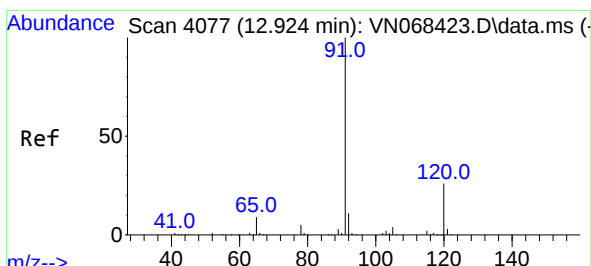
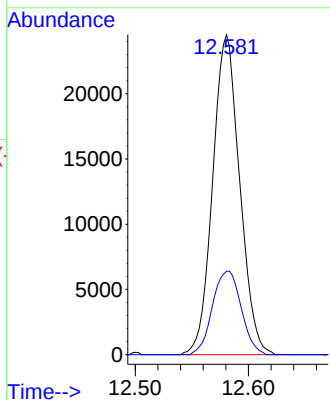
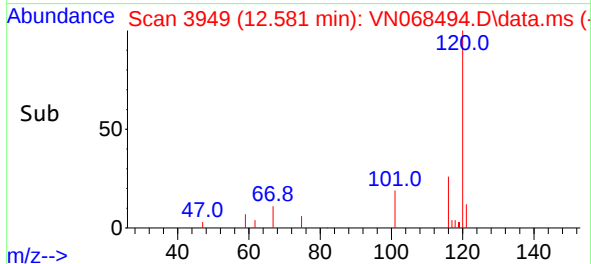
Instrument :
MSVOA_N
ClientSampled :
31209



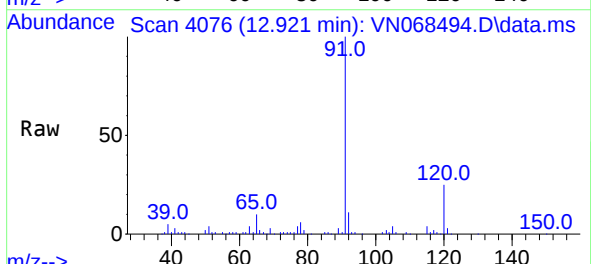
Tgt Ion:105 Resp: 40555
Ion Ratio Lower Upper
105 100
120 27.8 14.1 42.3

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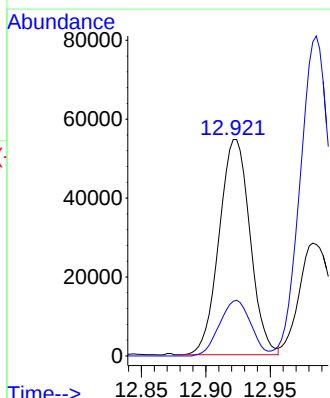
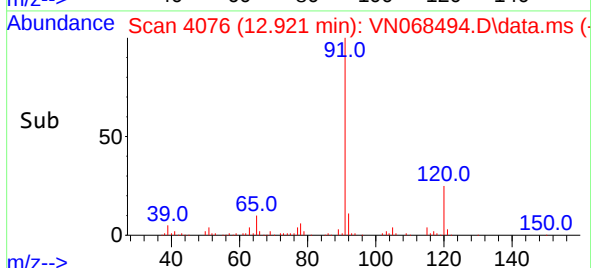
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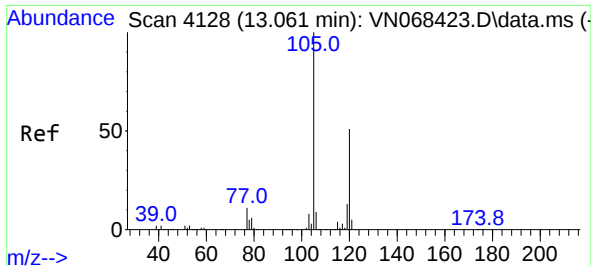


#78
n-propylbenzene
Concen: 2.361 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31



Tgt Ion: 91 Resp: 91110
Ion Ratio Lower Upper
91 100
120 26.0 13.2 39.6





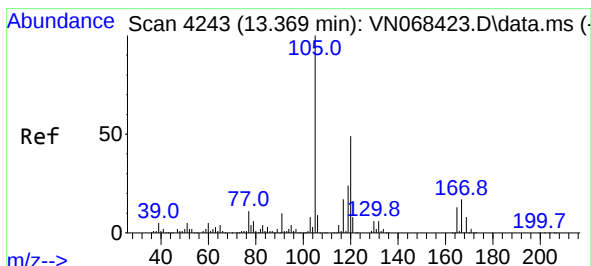
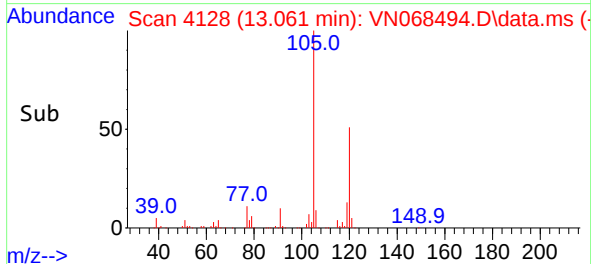
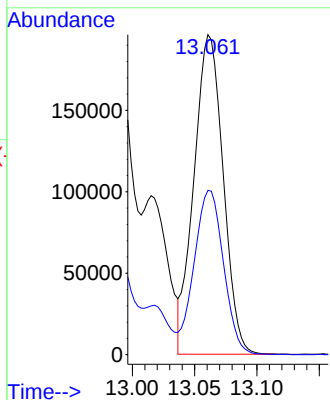
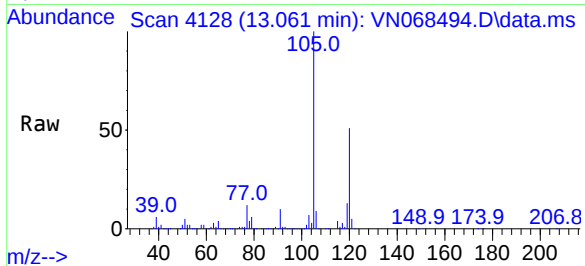
#80
1,3,5-Trimethylbenzene
Concen: 10.764 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31

Tgt Ion:105 Resp: 319555
Ion Ratio Lower Upper
105 100
120 51.8 25.7 77.1

Instrument :
MSVOA_N
ClientSampled :
31209

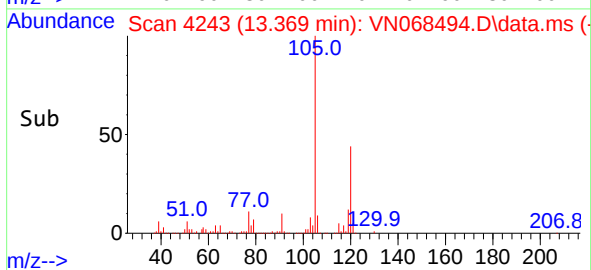
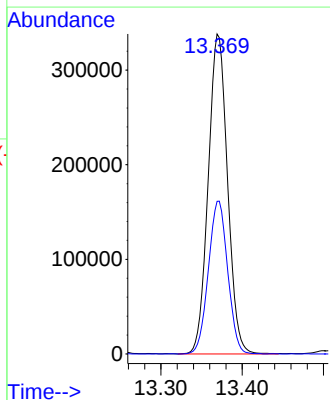
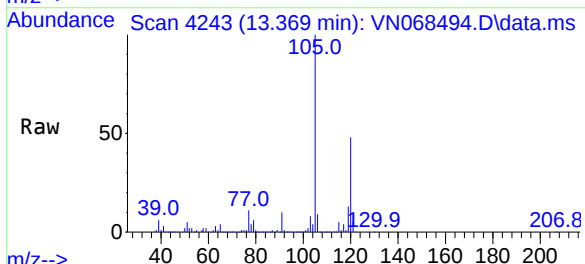
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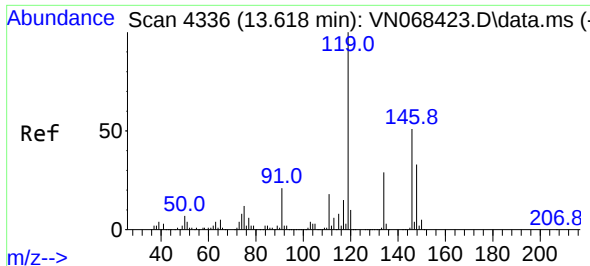
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#84
1,2,4-Trimethylbenzene
Concen: 19.641 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31

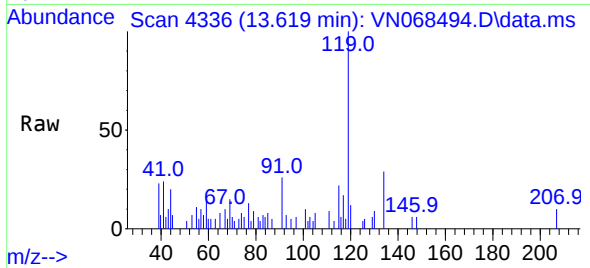
Tgt Ion:105 Resp: 559236
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.9





#86
p-Isopropyltoluene
Concen: 0.223 ug/l m
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31

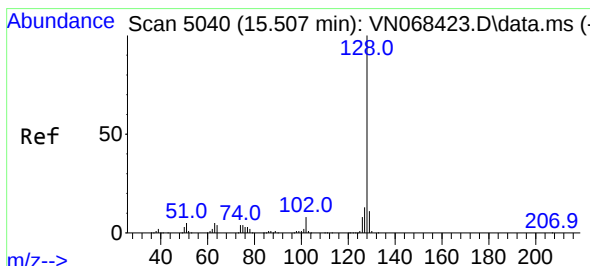
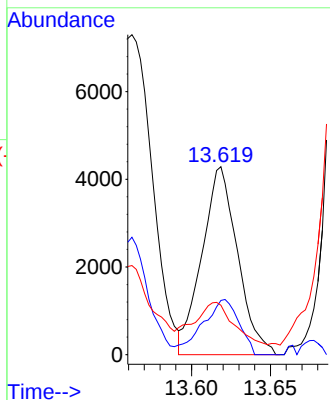
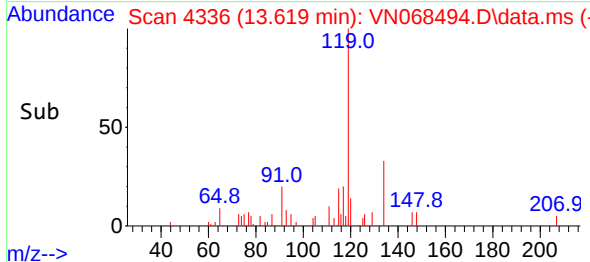
Instrument :
MSVOA_N
ClientSampled :
31209



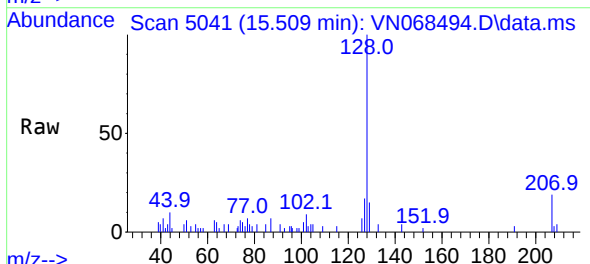
Tgt Ion:119 Resp: 6739
Ion Ratio Lower Upper
119 100
134 58.0 14.1 42.4#
91 47.4 10.6 31.8#

Manual Integrations
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#95
Naphthalene
Concen: 4.273 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068494.D
Acq: 15 Sep 2021 19:31



Tgt Ion:128 Resp: 16978
Ion Ratio Lower Upper
128 100
127 16.5 10.6 15.8#
129 9.2 8.6 13.0

