

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
 Data File : VN068242.D
 Acq On : 20 Aug 2021 13:58
 Operator : JC/MD
 Sample : M3509-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AEI-1

Manual Integrations
 APPROVED

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 8/24/2021 6:17:19 PM

Quant Time: Aug 20 23:58:09 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	506302	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	842780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	816900	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	311699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	281971	52.160	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.320%			
35) Dibromofluoromethane	8.024	113	256565	48.489	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.980%			
50) Toluene-d8	10.446	98	1010239	50.108	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.220%			
62) 4-Bromofluorobenzene	12.736	95	321455	47.895	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.800%			
Target Compounds					Qvalue	
16) Acetone	4.288	43	5222m	3.308	ug/l	
27) cis-1,2-Dichloroethene	7.327	96	8239	1.497	ug/l	53
30) Chloroform	7.820	83	7764	0.851	ug/l	94
32) 1,1,1-Trichloroethane	8.013	97	12030	1.479	ug/l	# 50
44) Trichloroethene	9.217	130	27449	4.341	ug/l	75
52) Toluene	10.508	92	17825	1.243	ug/l	95
59) 2-Hexanone	11.090	43	7828	1.952	ug/l	90
64) Tetrachloroethene	10.980	164	42801	6.776	ug/l	89
67) Ethyl Benzene	11.846	91	7144	0.259	ug/l	94
68) m/p-Xylenes	11.956	106	7163	0.649	ug/l	77
95) Naphthalene	15.512	128	23422	5.131	ug/l	98

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

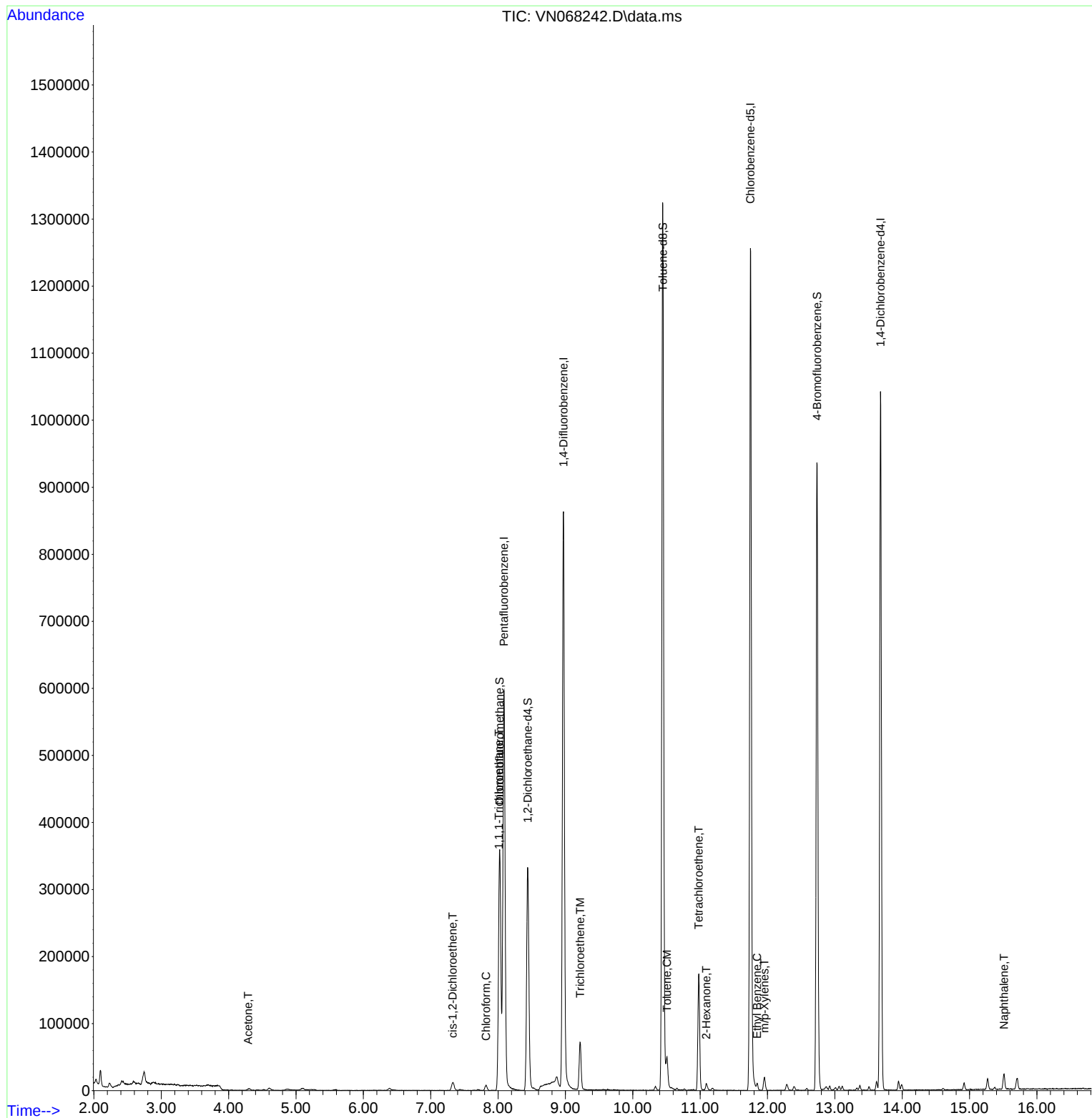
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
Data File : VN068242.D
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Operator : JC/MD
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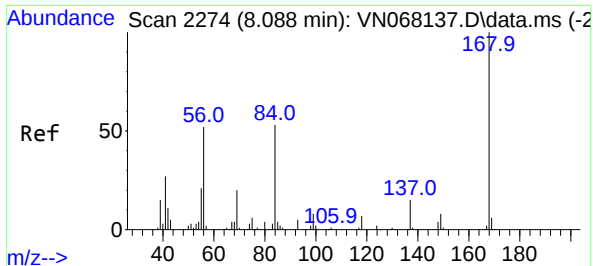
Instrument :
MSVOA_N
ClientSampleId :
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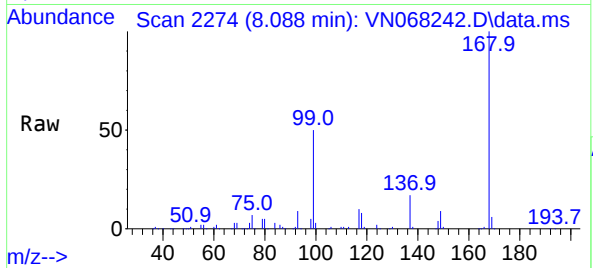
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Quant Time: Aug 20 23:58:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration

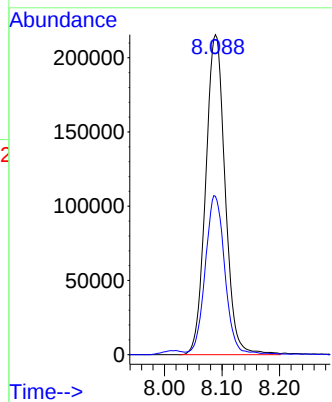
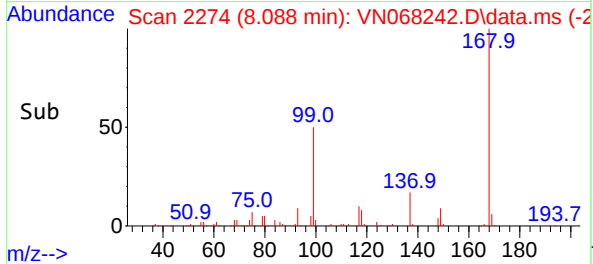




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58



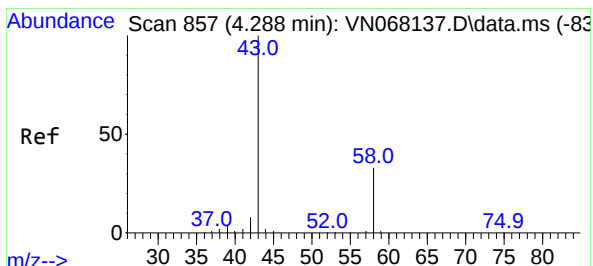
Tgt Ion: 168 Resp: 506302
Ion Ratio Lower Upper
168 100
99 49.3 62.9 94.3#



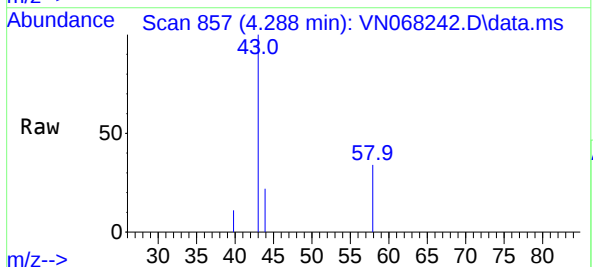
Instrument :
MSVOA_N
ClientSampleId :
AEI-1

Manual Integrations
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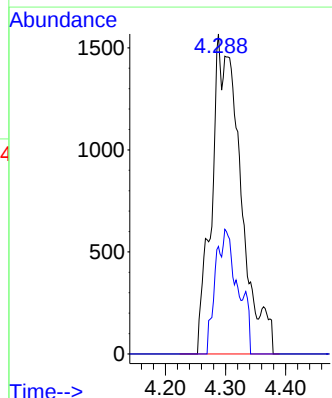
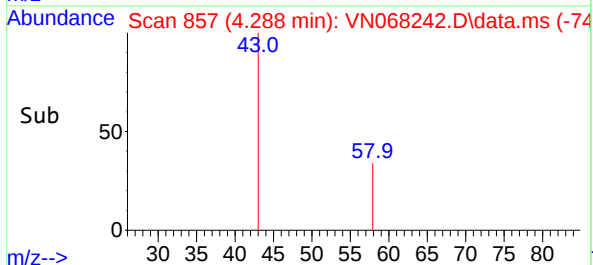
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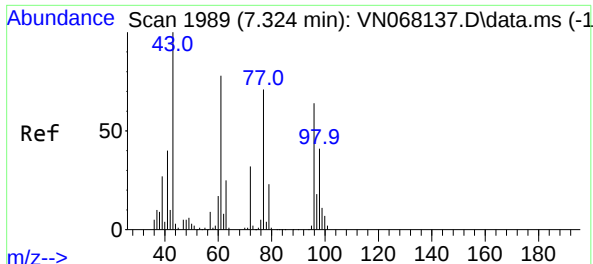


#16
Acetone
Concen: 3.308 ug/l m
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

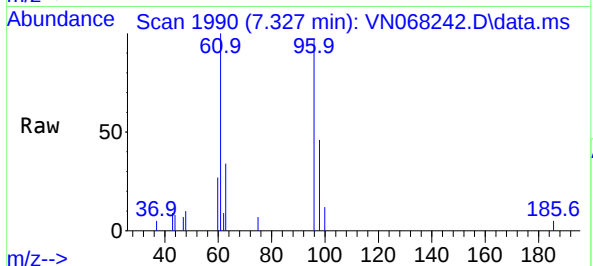


Tgt Ion: 43 Resp: 5222
Ion Ratio Lower Upper
43 100
58 33.6 21.2 31.8#

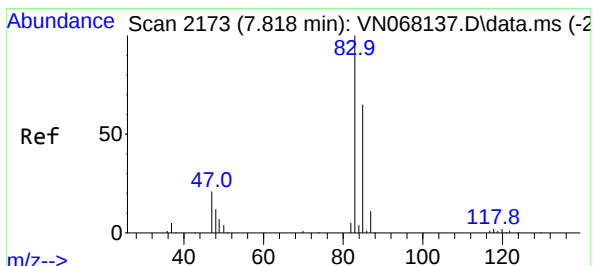
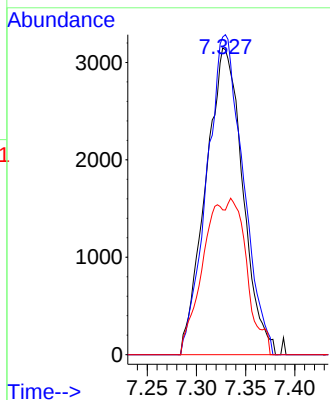
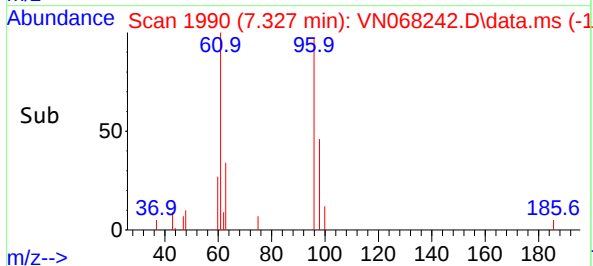




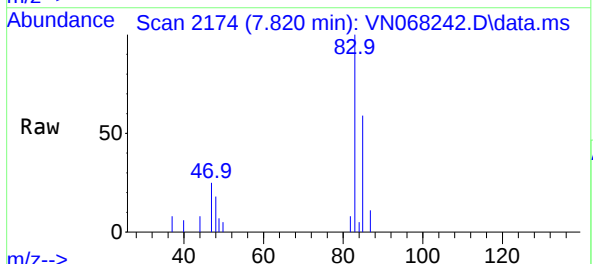
#27
cis-1,2-Dichloroethene
Concen: 1.497 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58



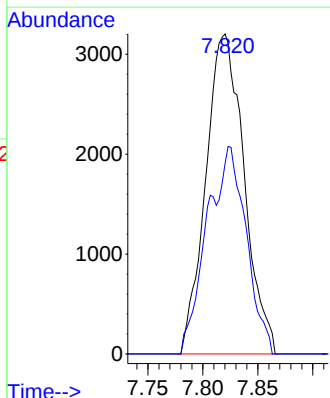
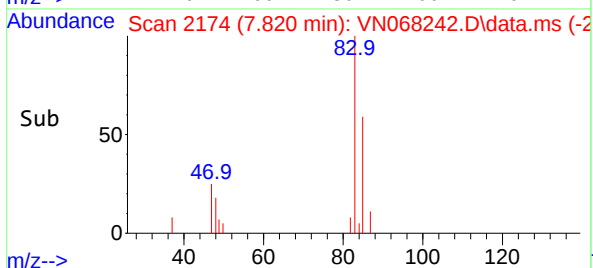
Tgt Ion: 96 Resp: 8239
Ion Ratio Lower Upper
96 100
61 102.4 0.0 338.8
98 32.0 0.0 129.8



#30
Chloroform
Concen: 0.851 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.002 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58



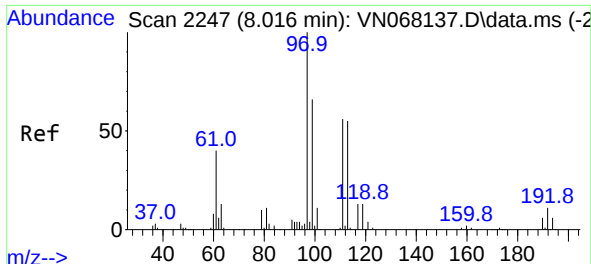
Tgt Ion: 83 Resp: 7764
Ion Ratio Lower Upper
83 100
85 59.5 51.5 77.3



Instrument :
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ClientSampled :
AEI-1

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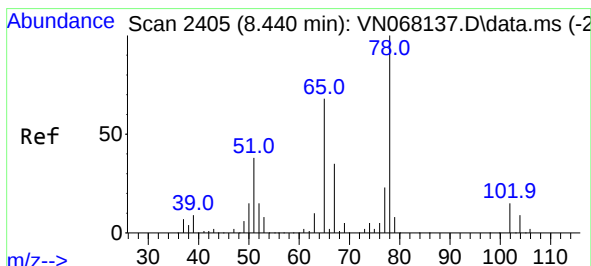
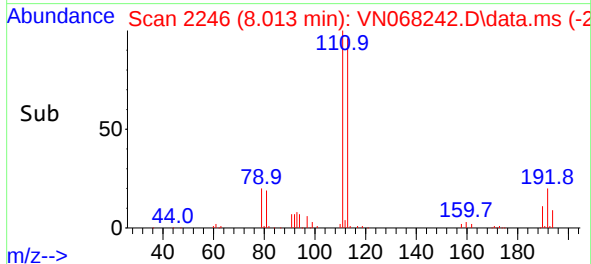
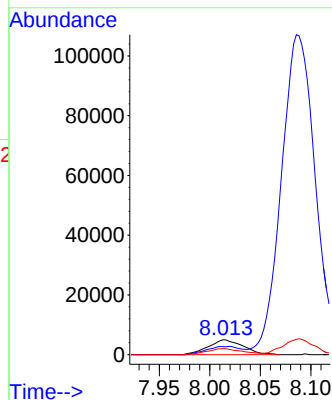
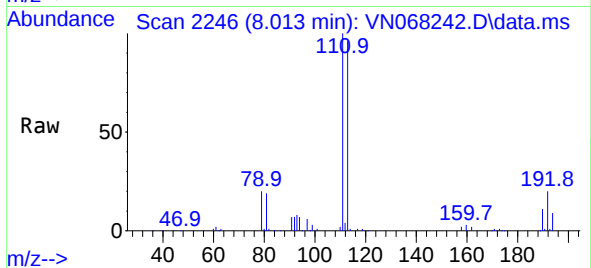
#32
1,1,1-Trichloroethane
Concen: 1.479 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

Tgt Ion: 97 Resp: 12030
Ion Ratio Lower Upper
97 100
99 0.0 50.2 75.2#
61 41.1 38.2 57.2

Instrument :
MSVOA_N
ClientSampled :
AEI-1

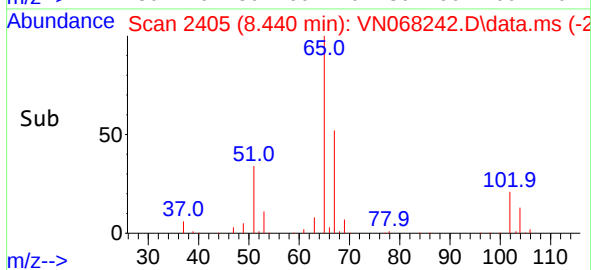
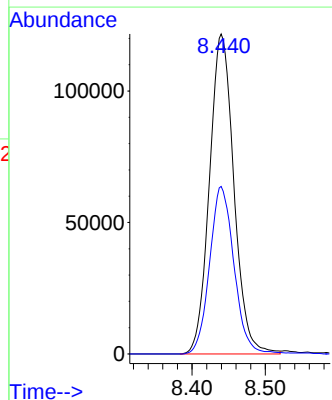
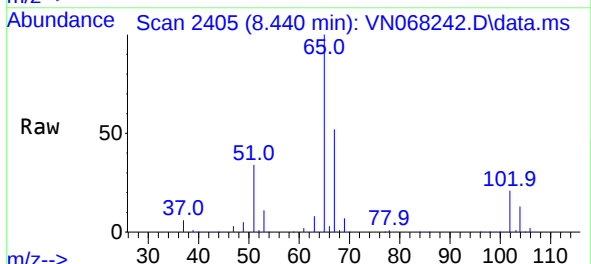
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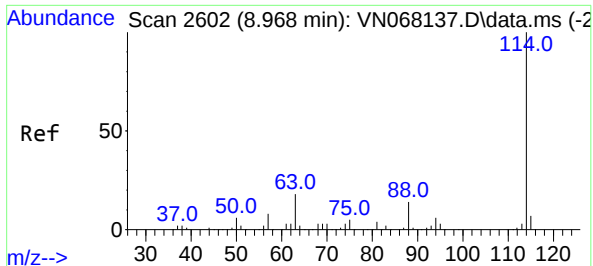
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#33
1,2-Dichloroethane-d4
Concen: 52.160 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

Tgt Ion: 65 Resp: 281971
Ion Ratio Lower Upper
65 100
67 52.3 0.0 98.6





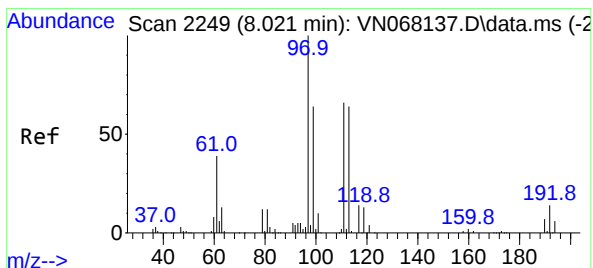
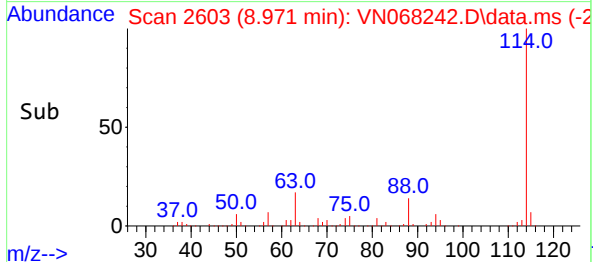
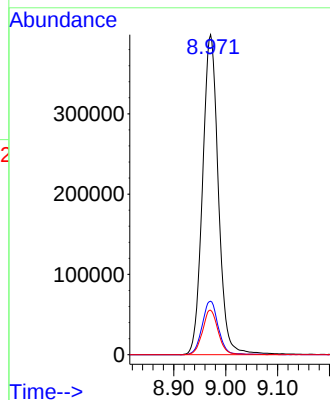
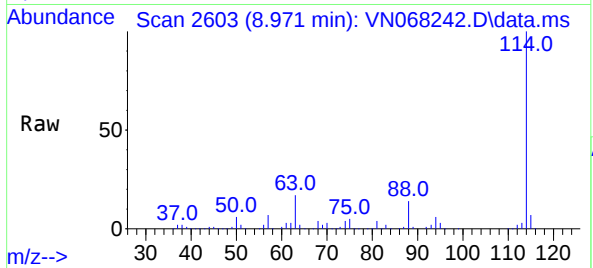
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

Tgt Ion:114 Resp: 842780
Ion Ratio Lower Upper
114 100
63 16.7 0.0 49.0
88 13.9 0.0 36.6

Instrument :
MSVOA_N
ClientSampled :
AEI-1

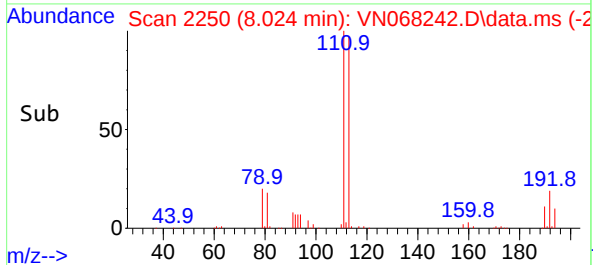
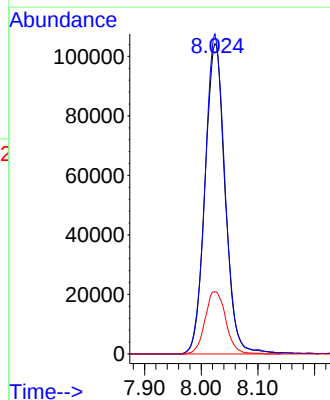
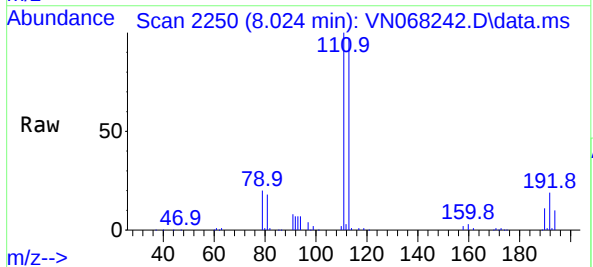
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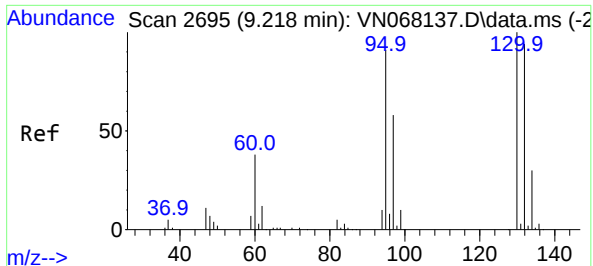
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#35
Dibromofluoromethane
Concen: 48.489 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

Tgt Ion:113 Resp: 256565
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.8
192 20.8 13.4 20.0#





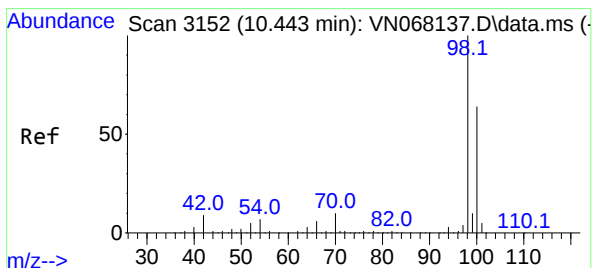
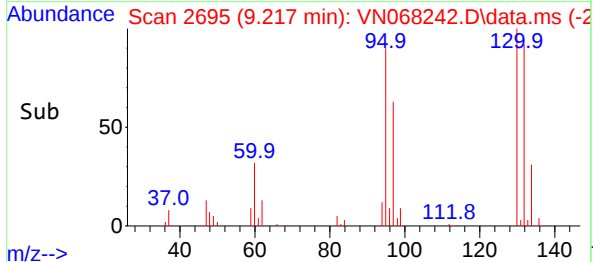
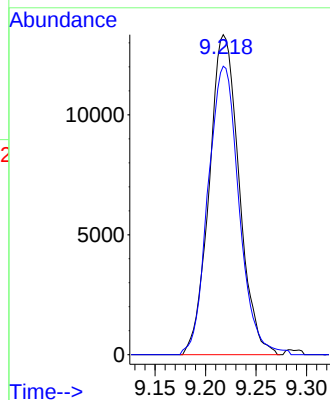
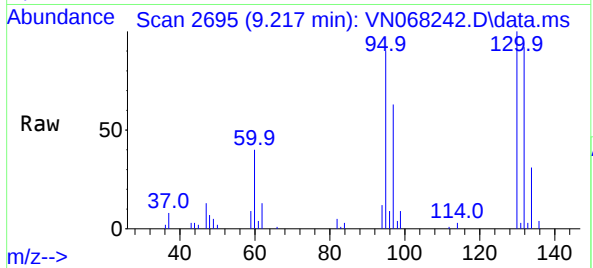
#44
Trichloroethene
Concen: 4.341 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

Tgt Ion:130 Resp: 27449
Ion Ratio Lower Upper
130 100
95 90.2 0.0 234.4

Instrument :
MSVOA_N
ClientSampled :
AEI-1

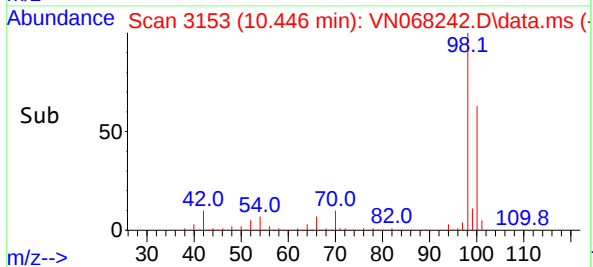
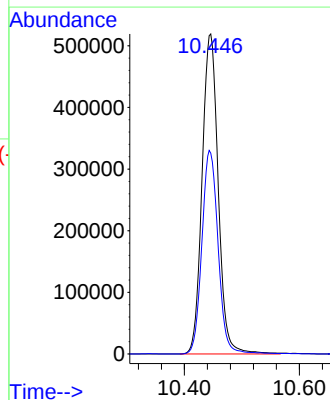
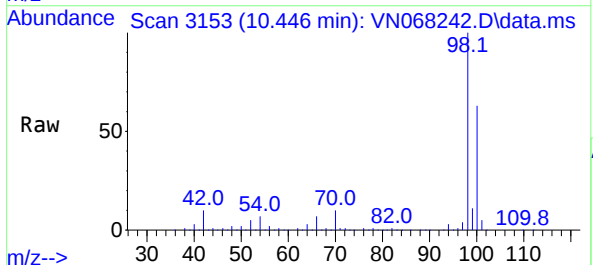
Manual Integrations
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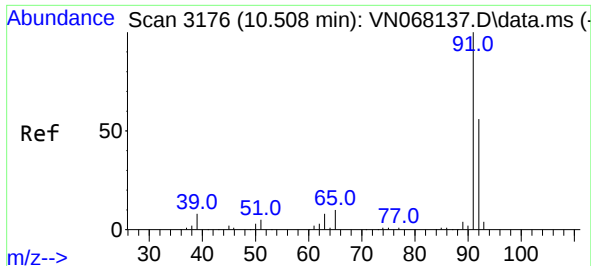
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#50
Toluene-d8
Concen: 50.108 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

Tgt Ion: 98 Resp: 1010239
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5





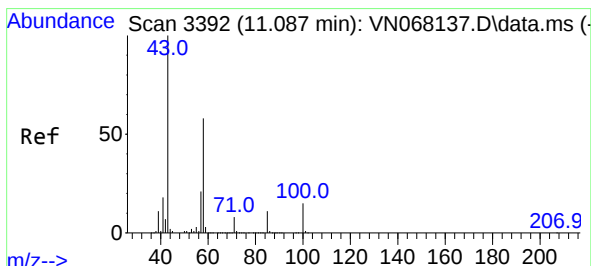
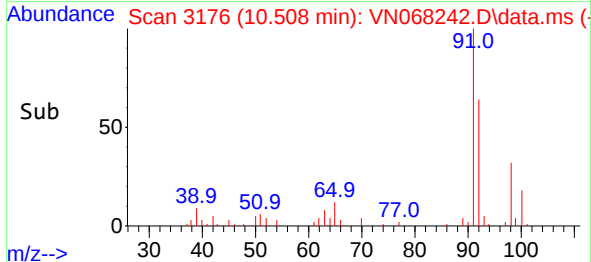
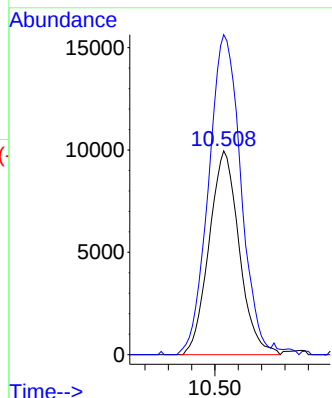
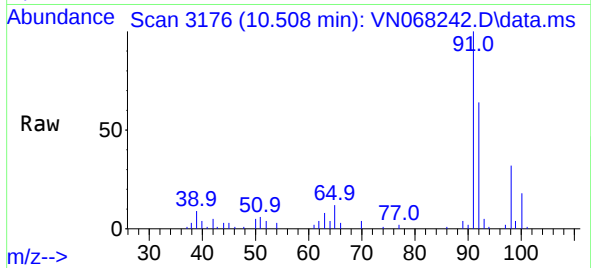
#52
Toluene
Concen: 1.243 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

Instrument :
MSVOA_N
ClientSampleId :
AEI-1

Tgt Ion: 92 Resp: 17825
Ion Ratio Lower Upper
92 100
91 167.7 139.6 209.4

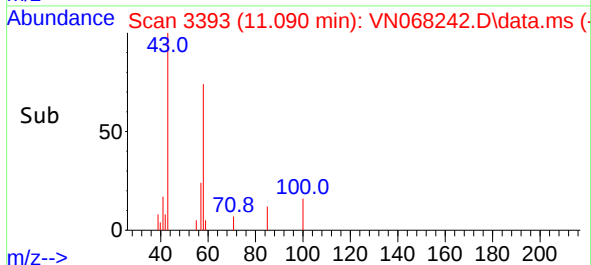
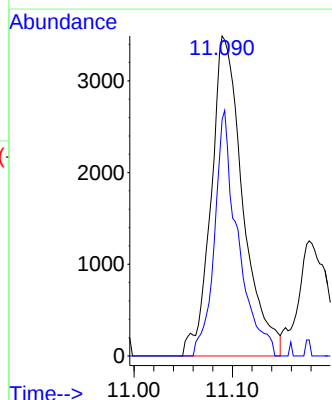
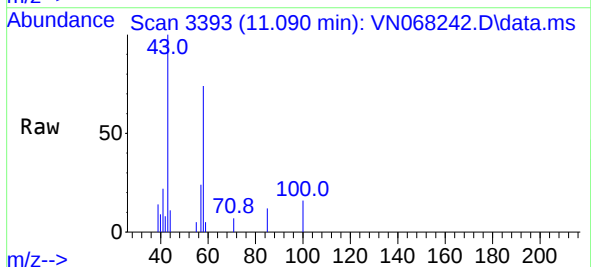
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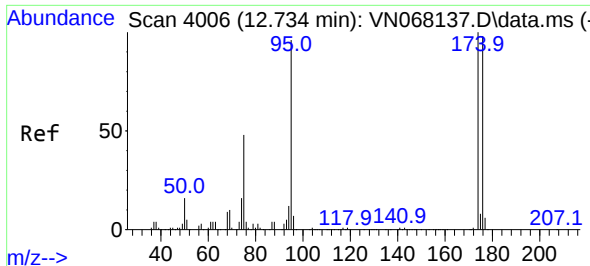
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#59
2-Hexanone
Concen: 1.952 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

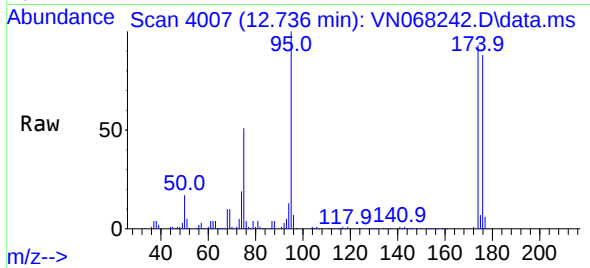
Tgt Ion: 43 Resp: 7828
Ion Ratio Lower Upper
43 100
58 56.5 24.7 74.1





#62
4-Bromofluorobenzene
Concen: 47.895 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

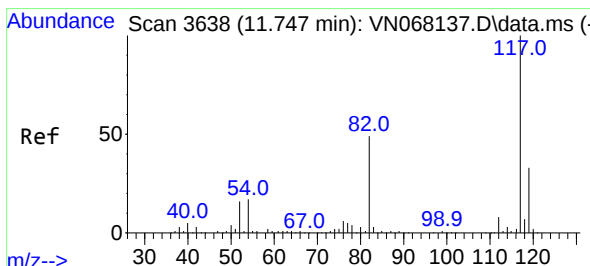
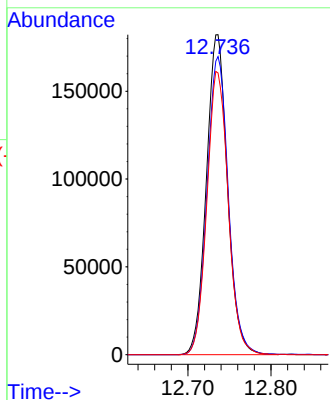
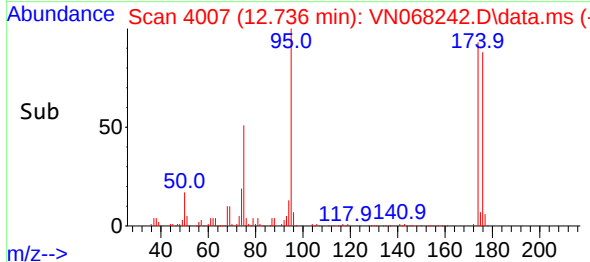
Instrument :
MSVOA_N
ClientSampled :
AEI-1



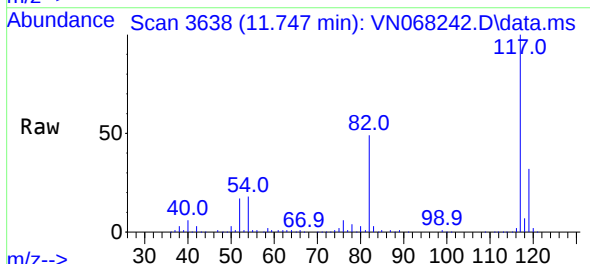
Tgt Ion: 95 Resp: 321455
Ion Ratio Lower Upper
95 100
174 94.8 0.0 122.0
176 89.2 0.0 117.6

Manual Integrations
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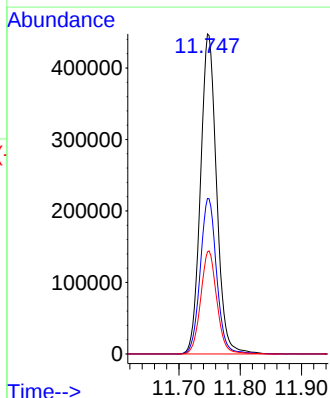
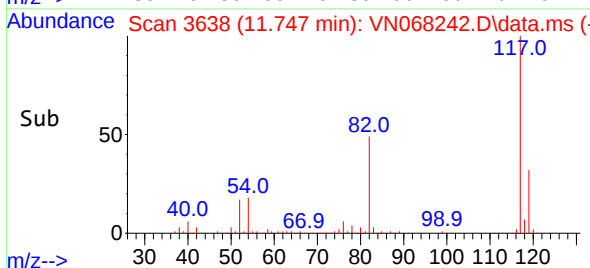
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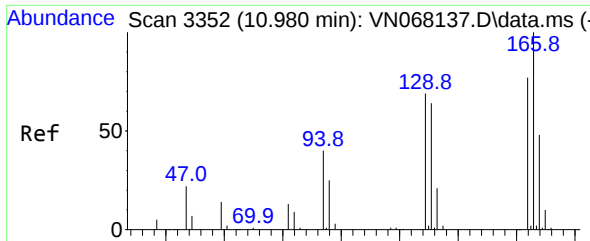


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

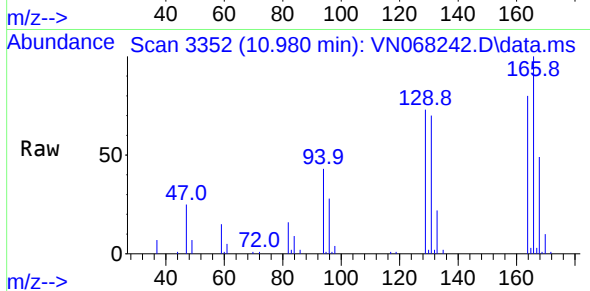


Tgt Ion: 117 Resp: 816900
Ion Ratio Lower Upper
117 100
82 48.6 53.1 79.7#
119 31.9 25.5 38.3

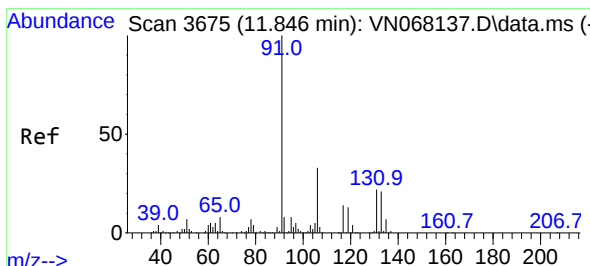
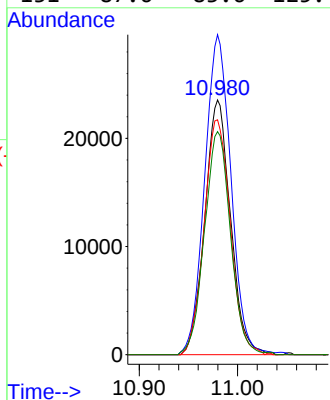
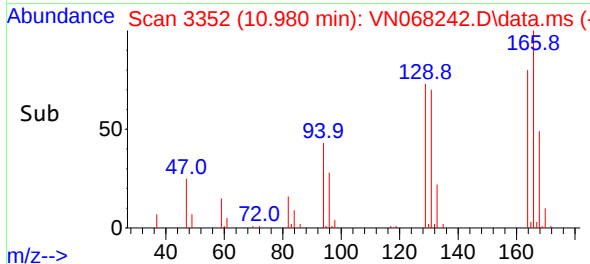




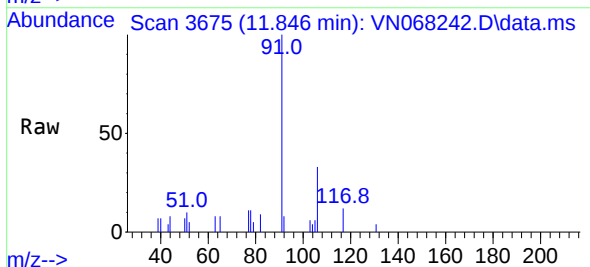
#64
Tetrachloroethene
Concen: 6.776 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58



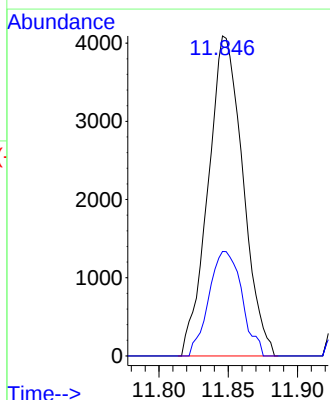
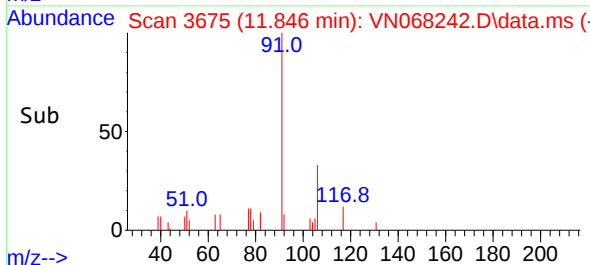
Tgt Ion:164 Resp: 42801
Ion Ratio Lower Upper
164 100
166 125.6 102.1 153.1
129 92.2 86.9 130.3
131 87.6 83.6 125.4



#67
Ethyl Benzene
Concen: 0.259 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58



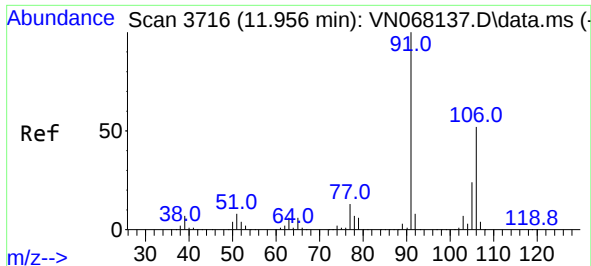
Tgt Ion: 91 Resp: 7144
Ion Ratio Lower Upper
91 100
106 32.6 23.4 35.0



Instrument :
MSVOA_N
ClientSampled :
AEI-1

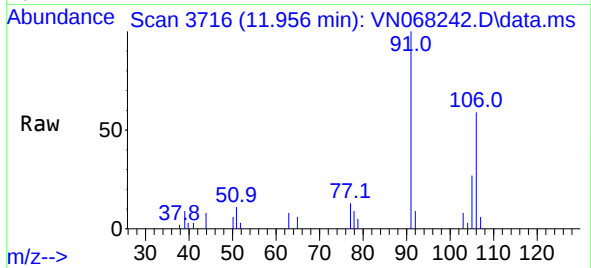
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:17:19 PM



#68
m/p-Xylenes
Concen: 0.649 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

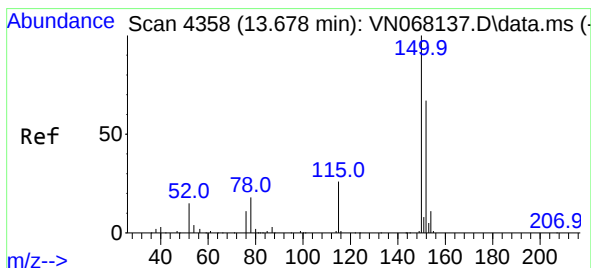
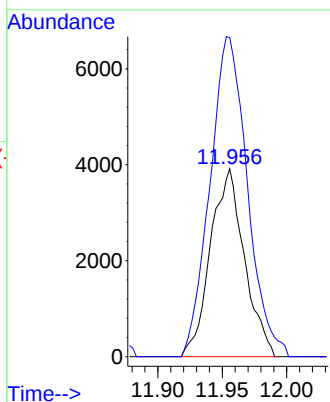
Instrument :
MSVOA_N
ClientSampled :
AEI-1



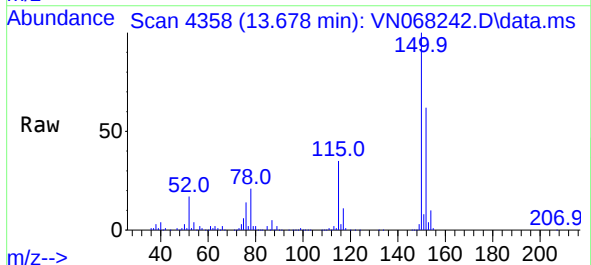
Tgt Ion:106 Resp: 7163
Ion Ratio Lower Upper
106 100
91 187.9 180.6 270.8

Manual Integrations
APPROVED

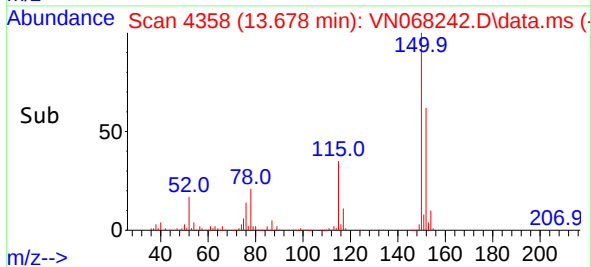
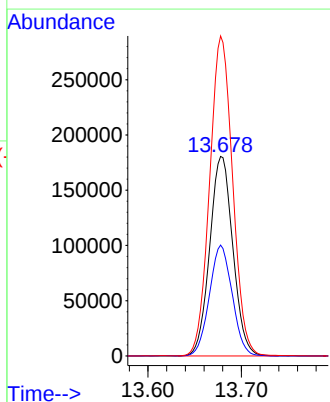
MMDadoda
8/24/2021 6:17:19 PM

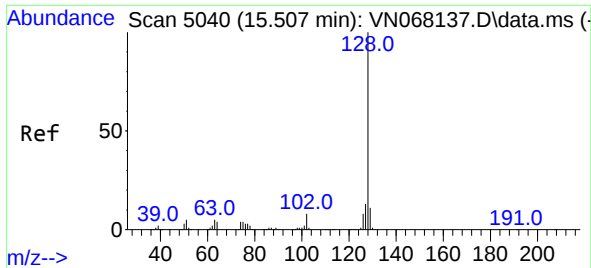


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58

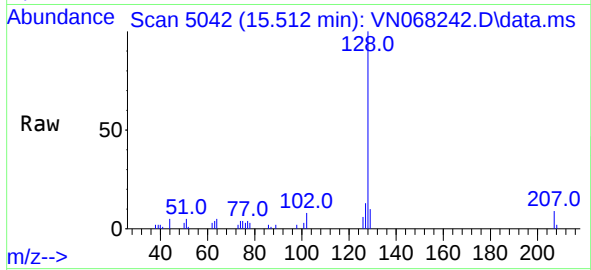


Tgt Ion:152 Resp: 311699
Ion Ratio Lower Upper
152 100
115 54.6 36.1 108.5
150 158.7 0.0 351.8

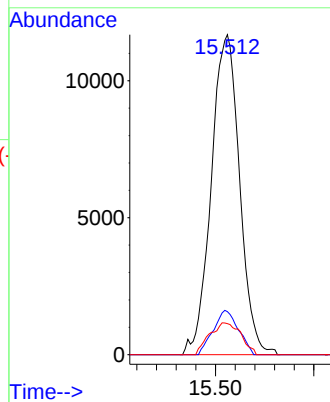
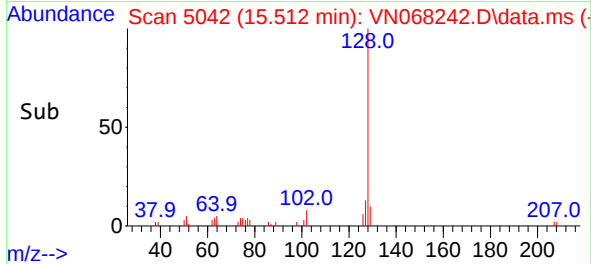




#95
Naphthalene
Concen: 5.131 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068242.D
Acq: 20 Aug 2021 13:58



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	15.8
129	11.0	8.6	12.8



Instrument :
MSVOA_N
ClientSampleId :
AEI-1

Manual Integrations
APPROVED

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8/24/2021 6:17:19 PM