

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
 Data File : VN067575.D
 Acq On : 30 Jun 2021 16:29
 Operator : JC/MD
 Sample : M2868-01RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS-TRE-1169RE

Manual Integrations
 APPROVED

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 7/2/2021 10:27:40 AM

Quant Time: Jun 30 16:59:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	296741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	548633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	663186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	267361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	225231	55.459	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.920%			
35) Dibromofluoromethane	8.021	113	163037	47.931	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.860%			
50) Toluene-d8	10.443	98	815071	58.987	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 117.980%			
62) 4-Bromofluorobenzene	12.734	95	302854	62.748	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 125.500%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.388	59	26874	44.330	ug/l #	86
16) Acetone	4.288	43	936697	699.260	ug/l	93
20) Methylene Chloride	5.098	84	22971m	6.356	ug/l	
25) 2-Butanone	7.346	43	30983	14.998	ug/l #	88
43) Isopropyl Acetate	8.568	43	20028	2.578	ug/l #	91
52) Toluene	10.508	92	803422	81.999	ug/l	99
67) Ethyl Benzene	11.846	91	64628	2.631	ug/l	97
68) m/p-Xylenes	11.953	106	89365	9.450	ug/l	90
69) o-Xylene	12.283	106	59670	6.370	ug/l	91
78) n-propylbenzene	12.921	91	27311	1.090	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	41827	2.270	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	212976	11.740	ug/l	97
95) Naphthalene	15.507	128	262736	21.842	ug/l	99

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

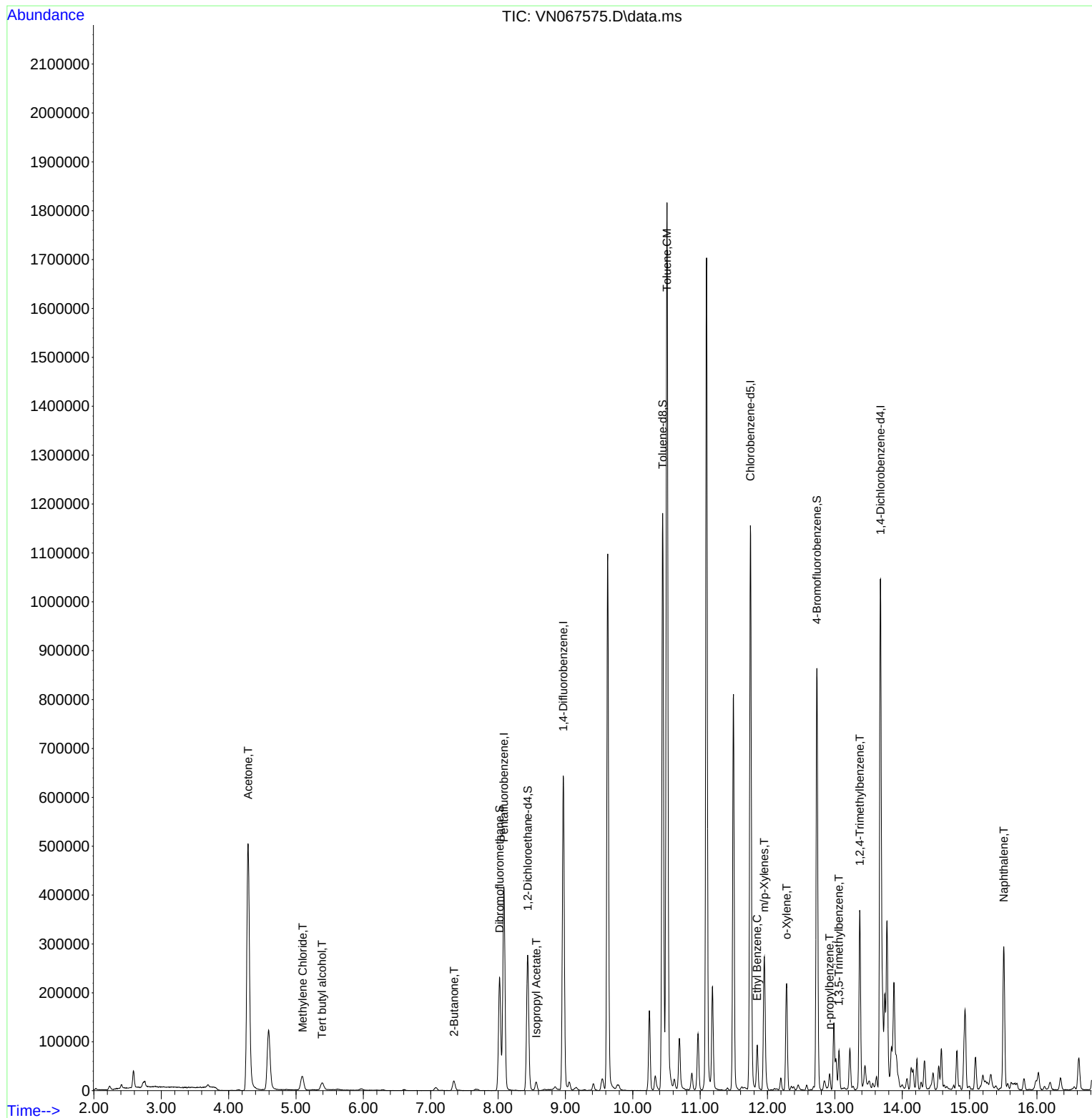
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Data File : VN067575.D
Acq On : 30 Jun 2021 16:29
Operator : JC/MD
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ALS Vial : 7 Sample Multiplier: 1

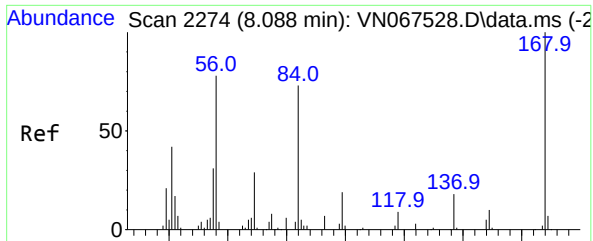
Instrument :
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OILY-DEBRIS-TRE-1169RE

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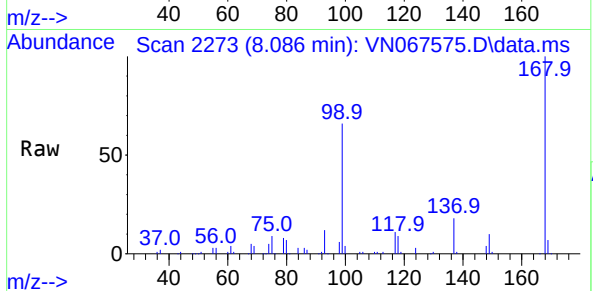
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7/2/2021 10:27:40 AM

Quant Time: Jun 30 16:59:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 28 14:31:03 2021
Response via : Initial Calibration

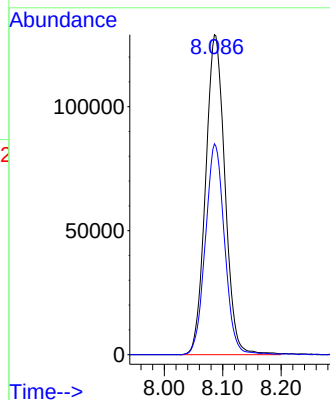
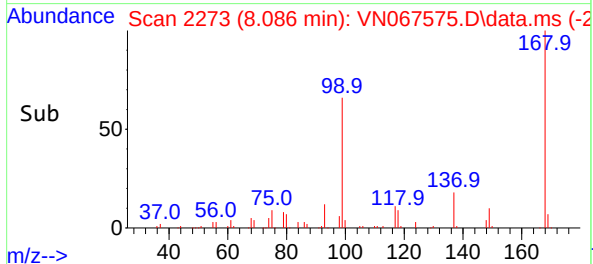




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29



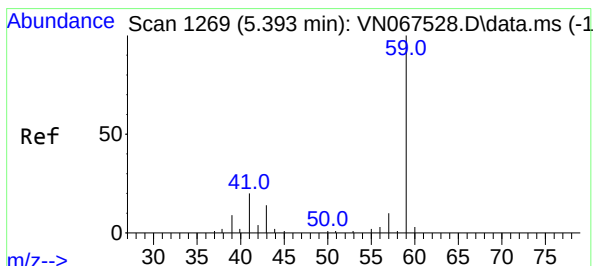
Tgt Ion:168 Resp: 296741
Ion Ratio Lower Upper
168 100
99 65.9 62.9 94.3



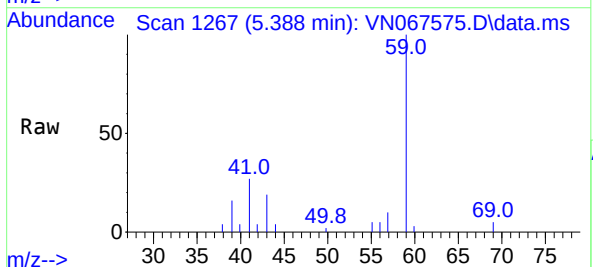
Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS-TRE-1169RE

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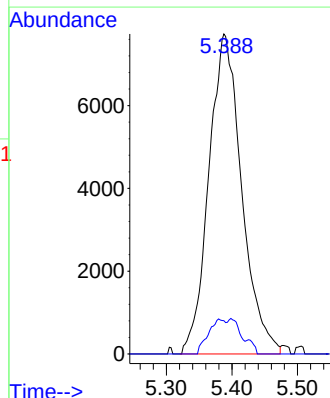
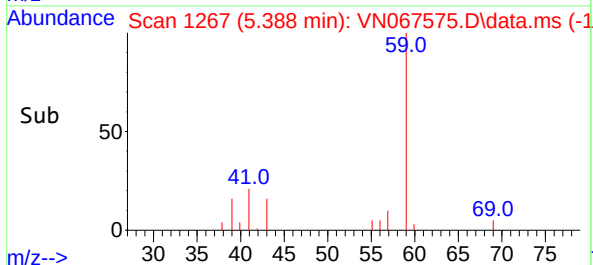
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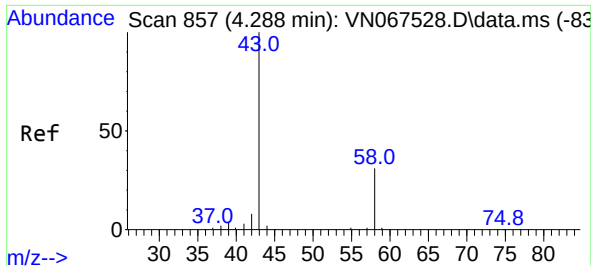


#11
Tert butyl alcohol
Concen: 44.330 ug/l
RT: 5.388 min Scan# 1267
Delta R.T. -0.005 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29



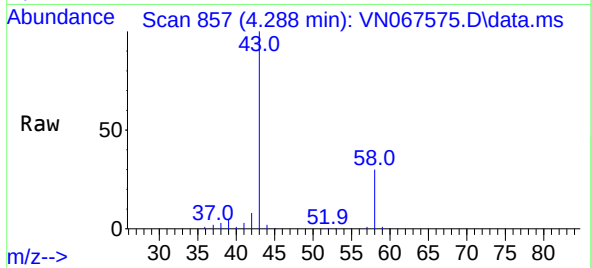
Tgt Ion: 59 Resp: 26874
Ion Ratio Lower Upper
59 100
57 5.6 8.7 13.1#





#16
Acetone
Concen: 699.260 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

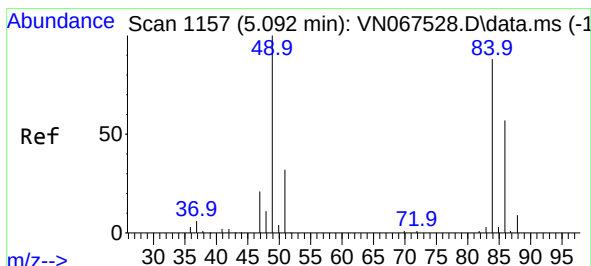
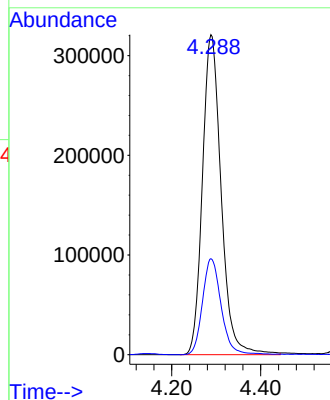
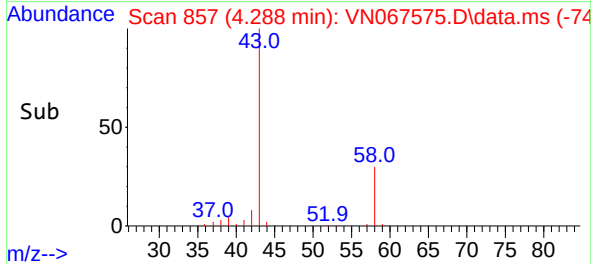
Instrument :
MSVOA_N
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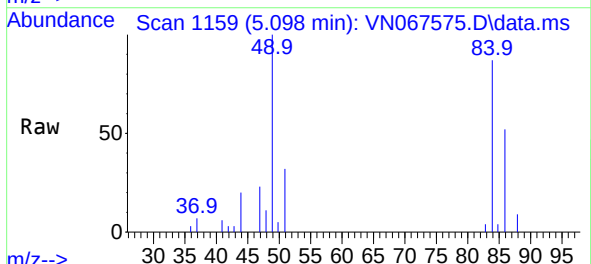
Tgt Ion: 43 Resp: 936697
Ion Ratio Lower Upper
43 100
58 30.0 21.2 31.8

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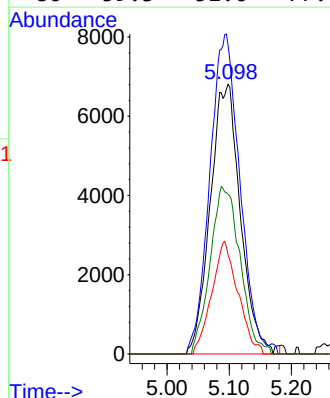
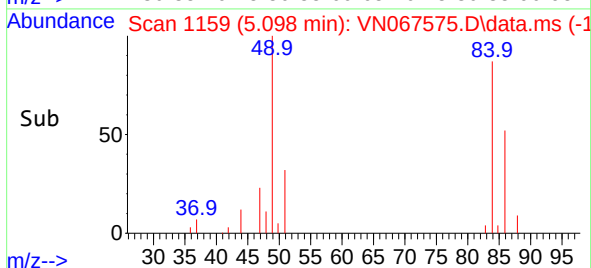
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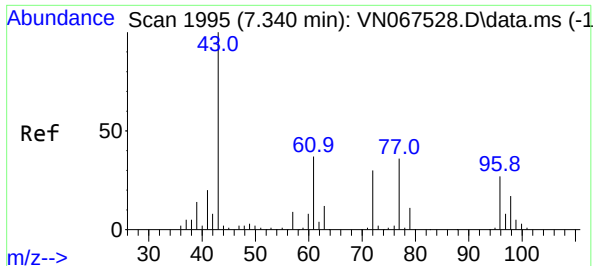


#20
Methylene Chloride
Concen: 6.356 ug/l m
RT: 5.098 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29



Tgt Ion: 84 Resp: 22971
Ion Ratio Lower Upper
84 100
49 114.7 110.9 166.3
51 36.8 32.6 49.0
86 59.3 51.6 77.4





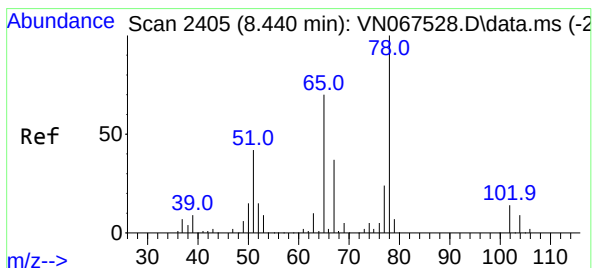
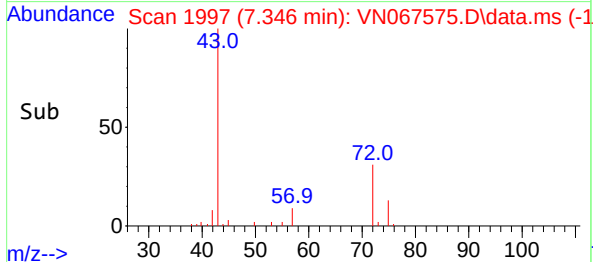
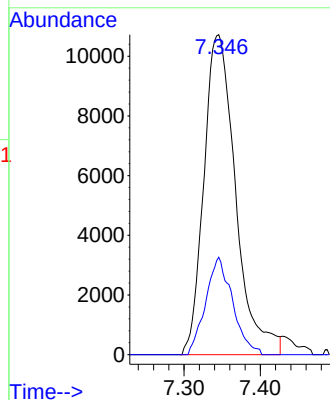
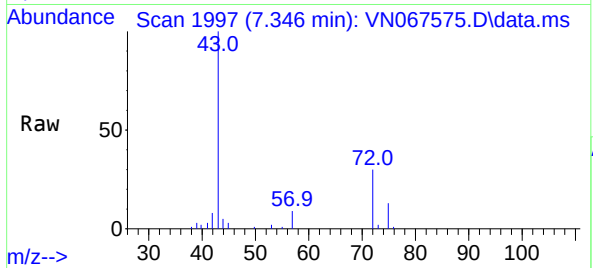
#25
2-Butanone
Concen: 14.998 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

Tgt Ion: 43 Resp: 30983
Ion Ratio Lower Upper
43 100
72 30.5 19.7 29.5#

Instrument :
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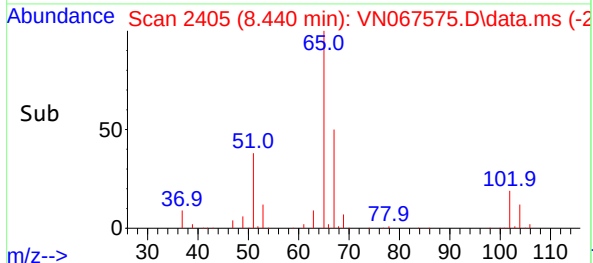
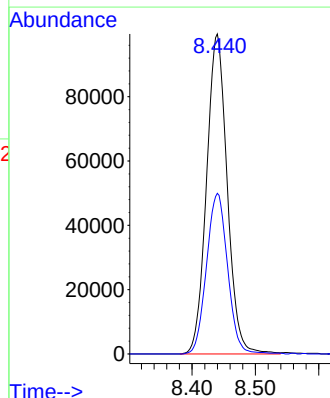
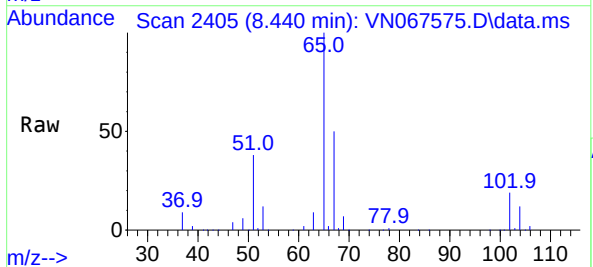
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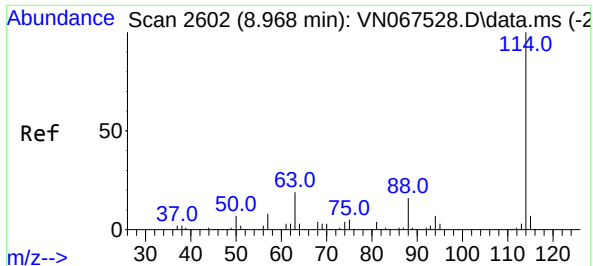
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#33
1,2-Dichloroethane-d4
Concen: 55.459 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

Tgt Ion: 65 Resp: 225231
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.6





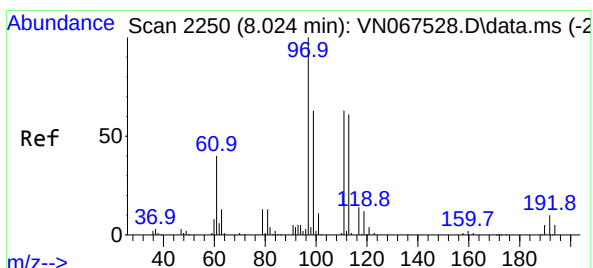
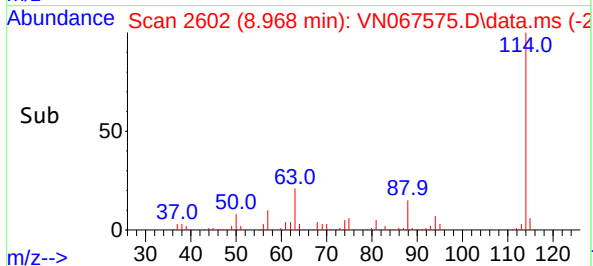
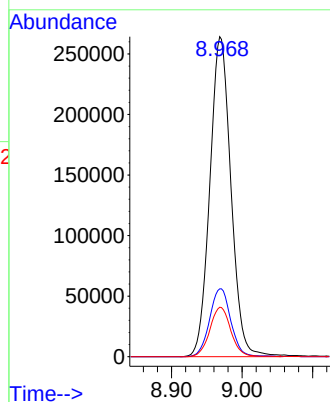
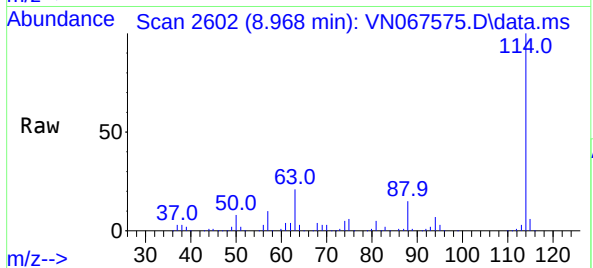
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

Tgt Ion:	114	Resp:	548633
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	49.0
88	15.5	0.0	36.6

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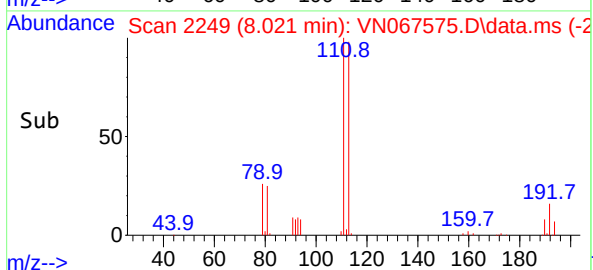
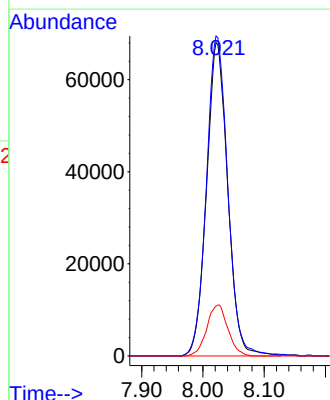
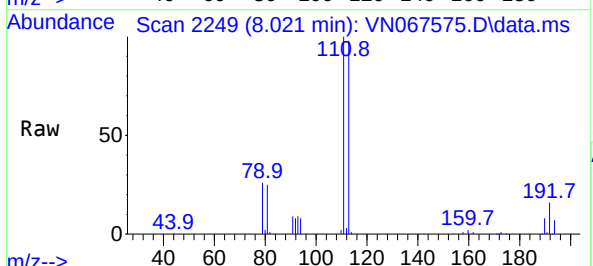
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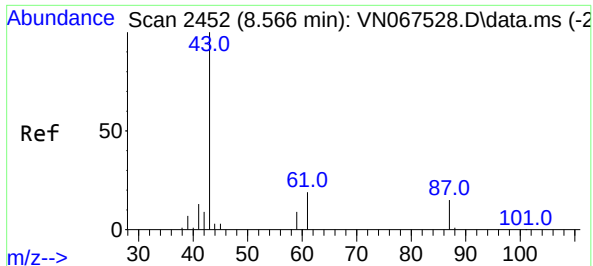
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#35
Dibromofluoromethane
Concen: 47.931 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

Tgt Ion:	113	Resp:	163037
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.8
192	16.2	13.4	20.0





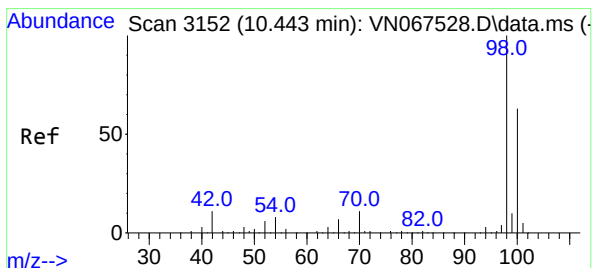
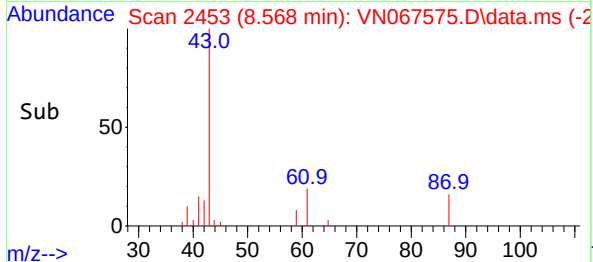
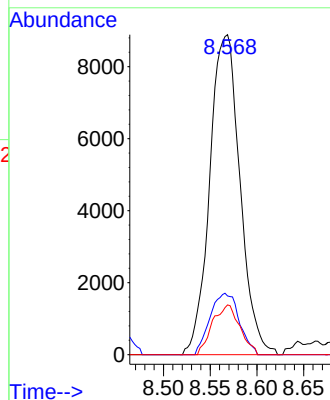
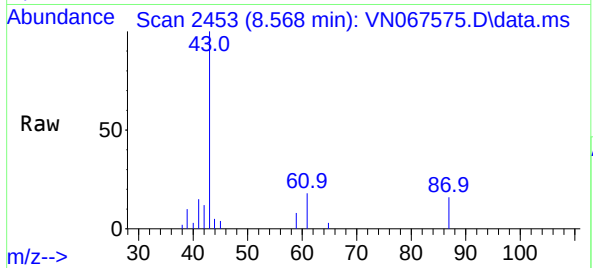
#43
Isopropyl Acetate
Concen: 2.578 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.002 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

Tgt Ion: 43 Resp: 20028
Ion Ratio Lower Upper
43 100
61 18.5 19.0 28.4#
87 14.0 9.5 14.3

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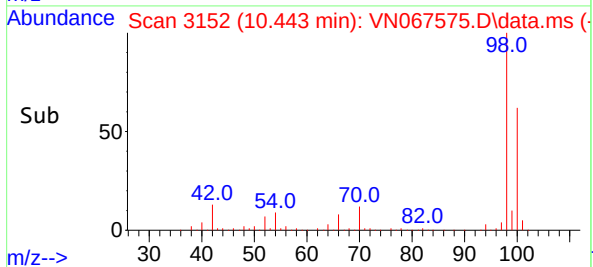
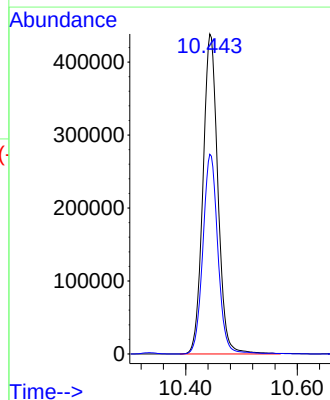
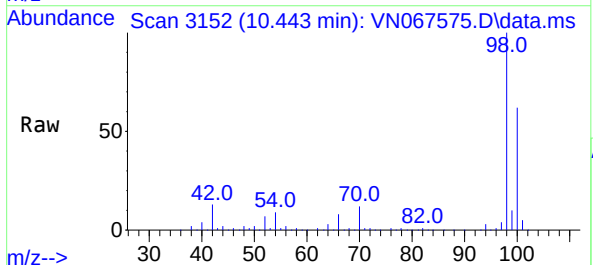
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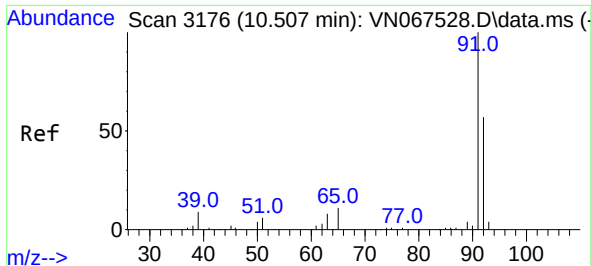
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#50
Toluene-d8
Concen: 58.987 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

Tgt Ion: 98 Resp: 815071
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5





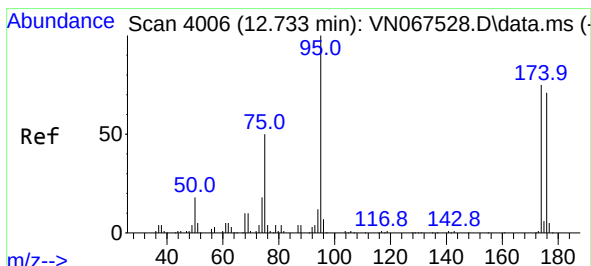
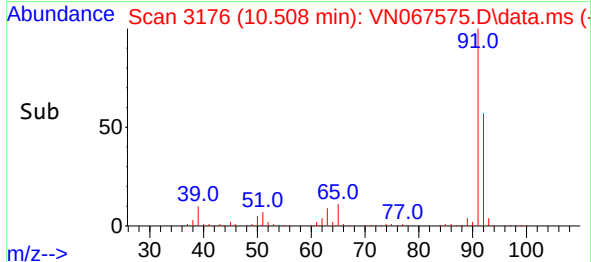
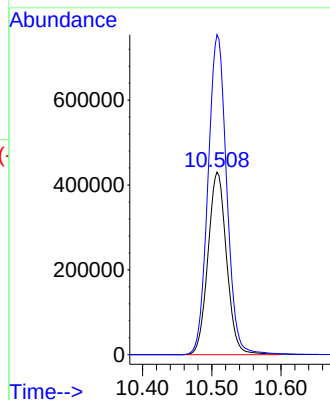
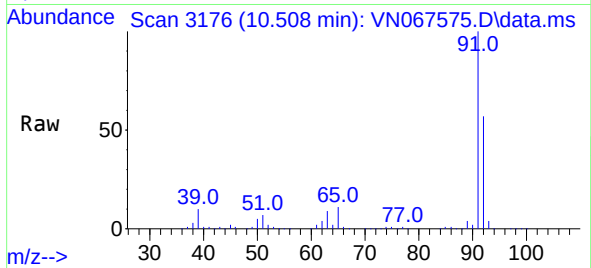
#52
Toluene
Concen: 81.999 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.001 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

Tgt Ion: 92 Resp: 803422
Ion Ratio Lower Upper
92 100
91 176.5 139.6 209.4

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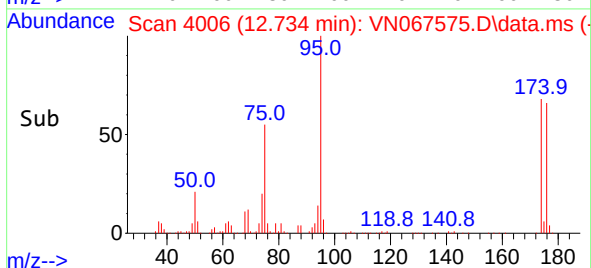
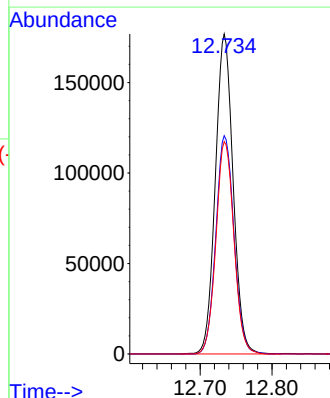
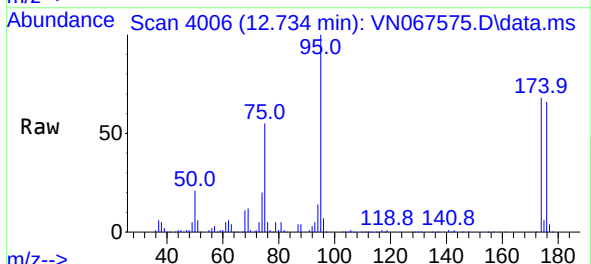
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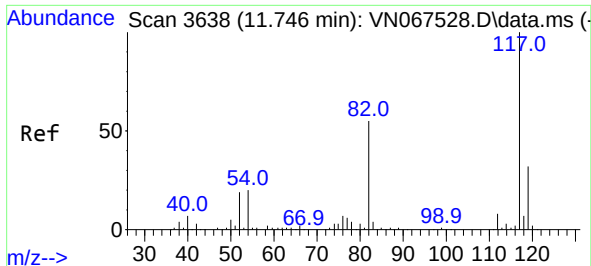
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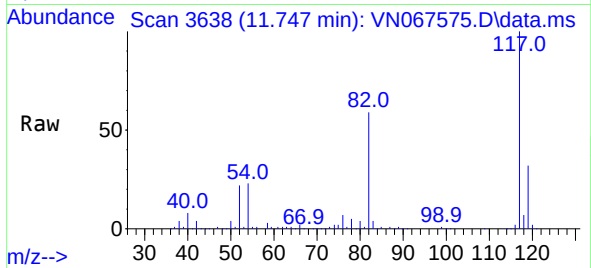
#62
4-Bromofluorobenzene
Concen: 62.748 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

Tgt Ion: 95 Resp: 302854
Ion Ratio Lower Upper
95 100
174 69.7 0.0 122.0
176 67.0 0.0 117.6



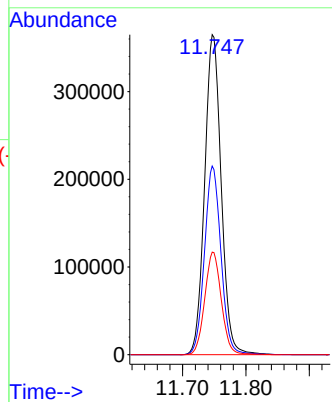
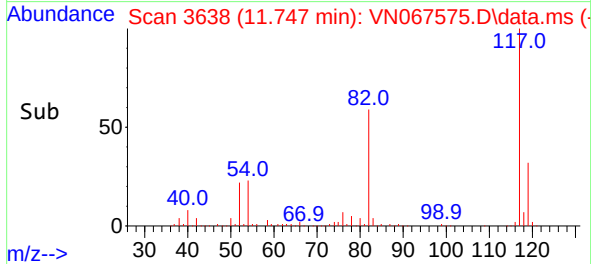


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29



Tgt Ion: 117 Resp: 663186

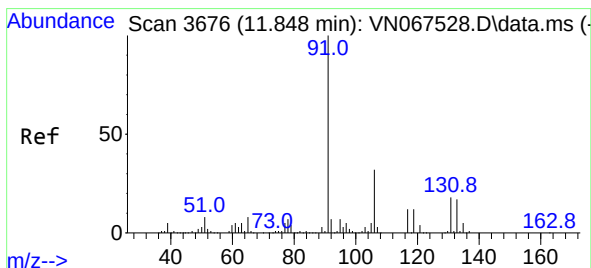
Ion	Ratio	Lower	Upper
117	100		
82	59.0	53.1	79.7
119	32.1	25.5	38.3



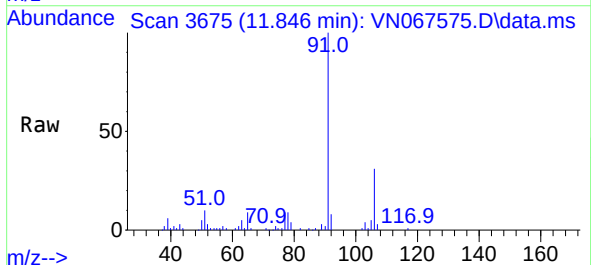
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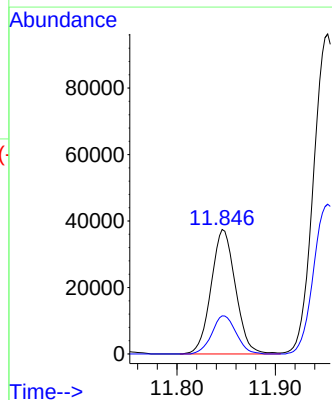
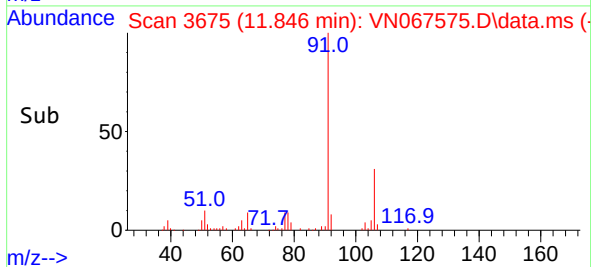


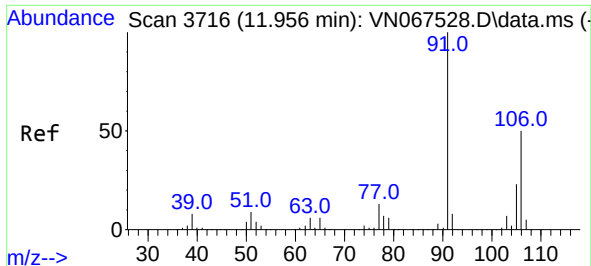
#67
Ethyl Benzene
Concen: 2.631 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29



Tgt Ion: 91 Resp: 64628

Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.4	35.0





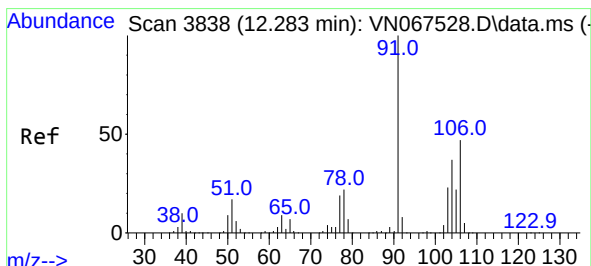
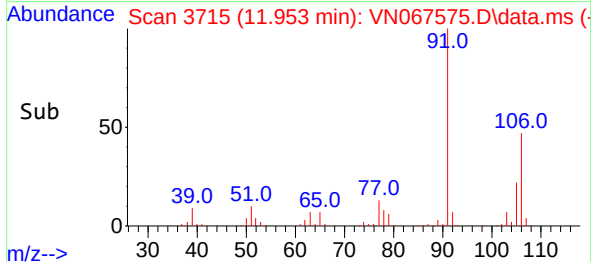
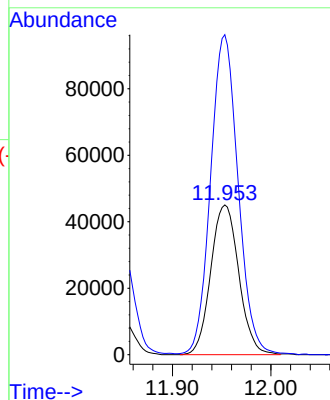
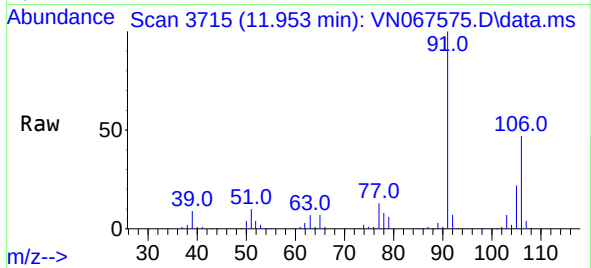
#68
m/p-Xylenes
Concen: 9.450 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

Tgt Ion:106 Resp: 89365
Ion Ratio Lower Upper
106 100
91 209.5 180.6 270.8

Instrument :
MSVOA_N
ClientSampleId :
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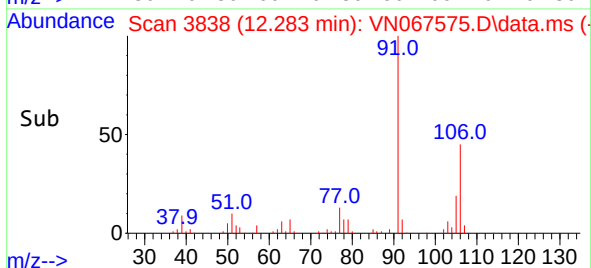
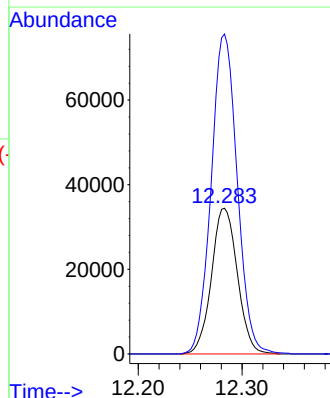
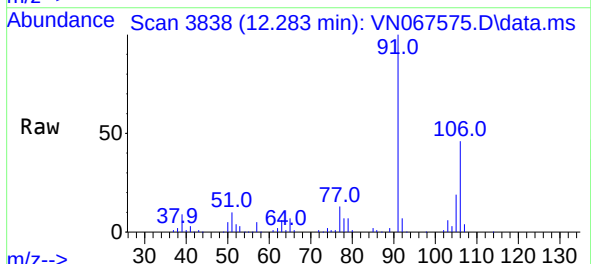
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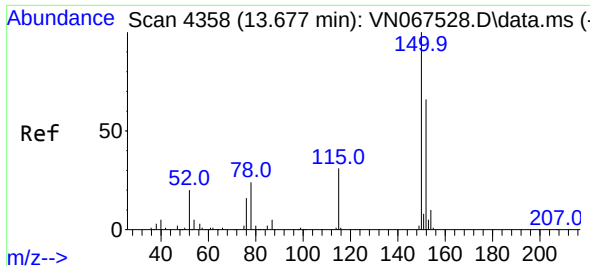
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#69
o-Xylene
Concen: 6.370 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

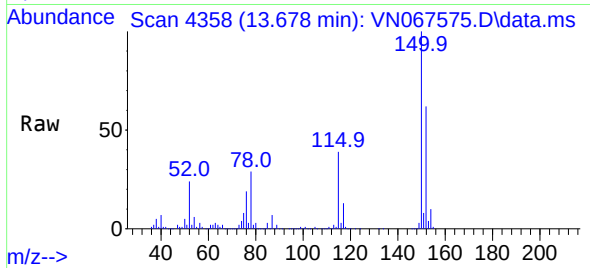
Tgt Ion:106 Resp: 59670
Ion Ratio Lower Upper
106 100
91 220.6 118.3 354.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

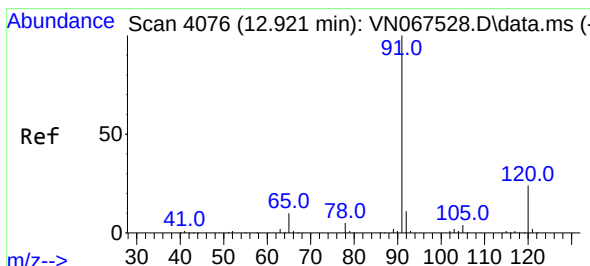
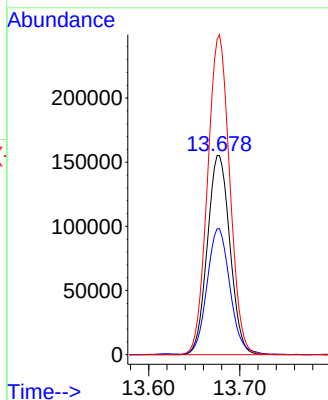
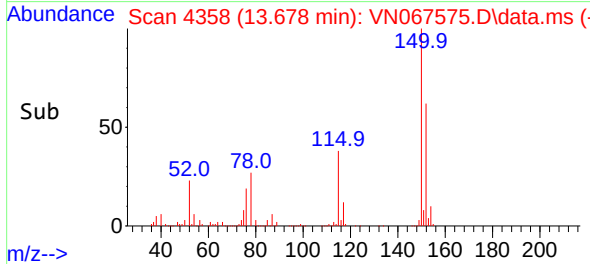
Instrument :
MSVOA_N
ClientSampleId :
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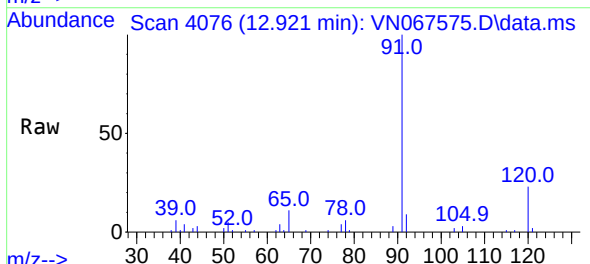
Tgt Ion:152 Resp: 267361
Ion Ratio Lower Upper
152 100
115 64.4 36.1 108.5
150 157.7 0.0 351.8

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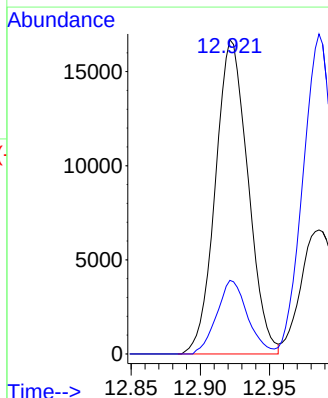
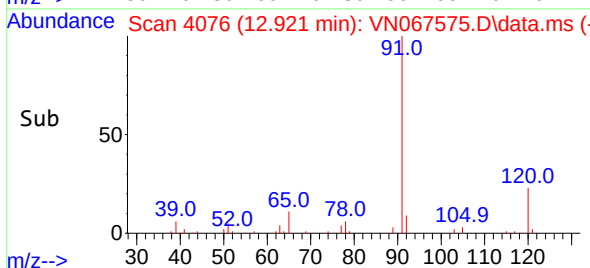
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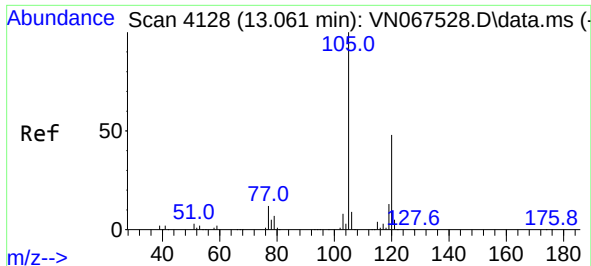


#78
n-propylbenzene
Concen: 1.090 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29



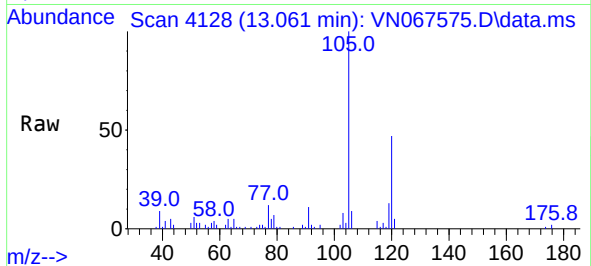
Tgt Ion: 91 Resp: 27311
Ion Ratio Lower Upper
91 100
120 22.2 10.4 31.4





#80
1,3,5-Trimethylbenzene
Concen: 2.270 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

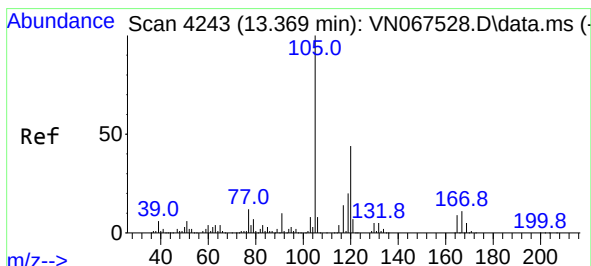
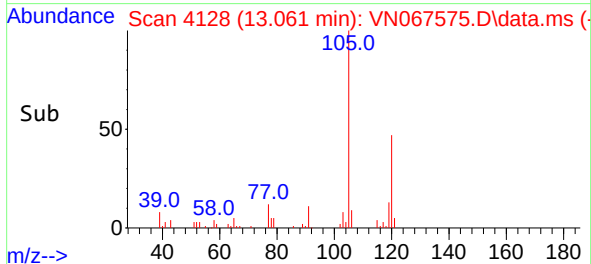
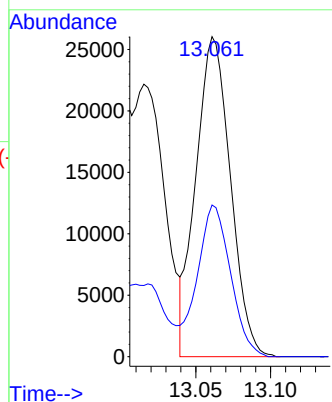
Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS-TRE-1169RE



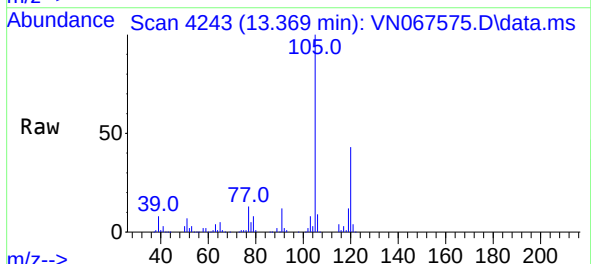
Tgt Ion:105 Resp: 41827
Ion Ratio Lower Upper
105 100
120 45.4 22.2 66.6

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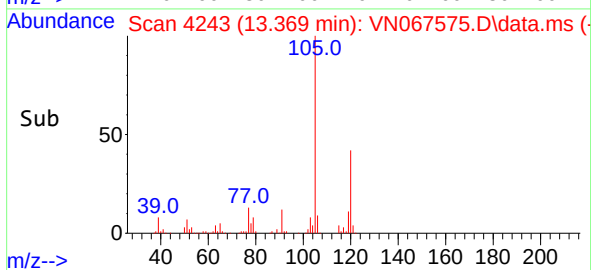
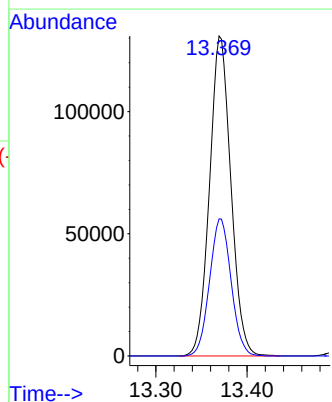
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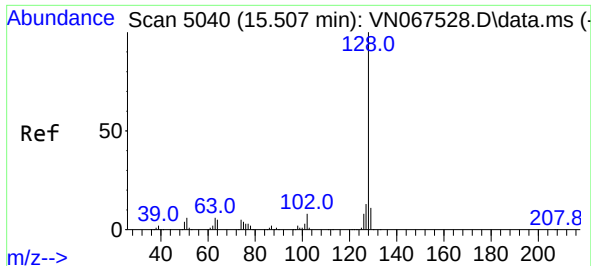


#84
1,2,4-Trimethylbenzene
Concen: 11.740 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29

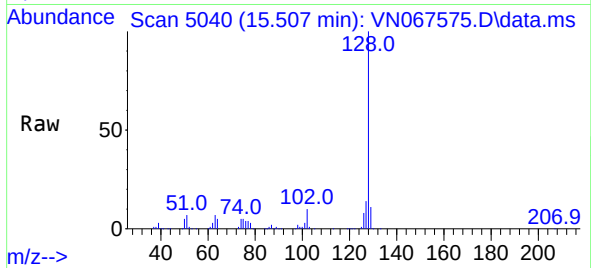


Tgt Ion:105 Resp: 212976
Ion Ratio Lower Upper
105 100
120 43.2 20.6 61.8

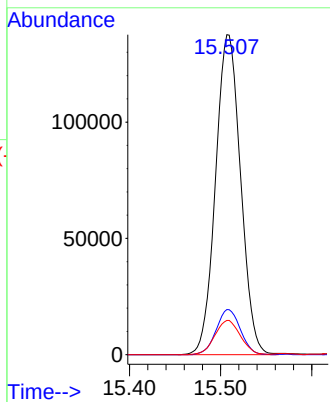
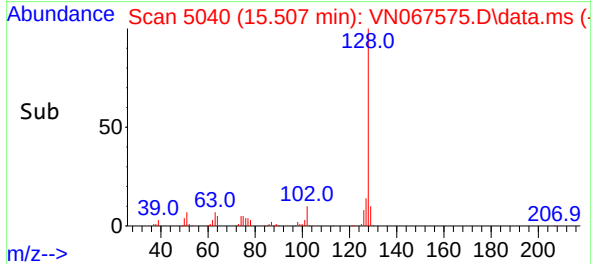




#95
Naphthalene
Concen: 21.842 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067575.D
Acq: 30 Jun 2021 16:29



Tgt Ion:128 Resp: 262736
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.0 8.6 12.8



Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS-TRE-1169RE

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