

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013122\
 Data File : VN070852.D
 Acq On : 31 Jan 2022 15:08
 Operator : JC/MD
 Sample : N1280-02
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RMR-OILY-DRUM

Quant Time: Jan 31 16:44:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

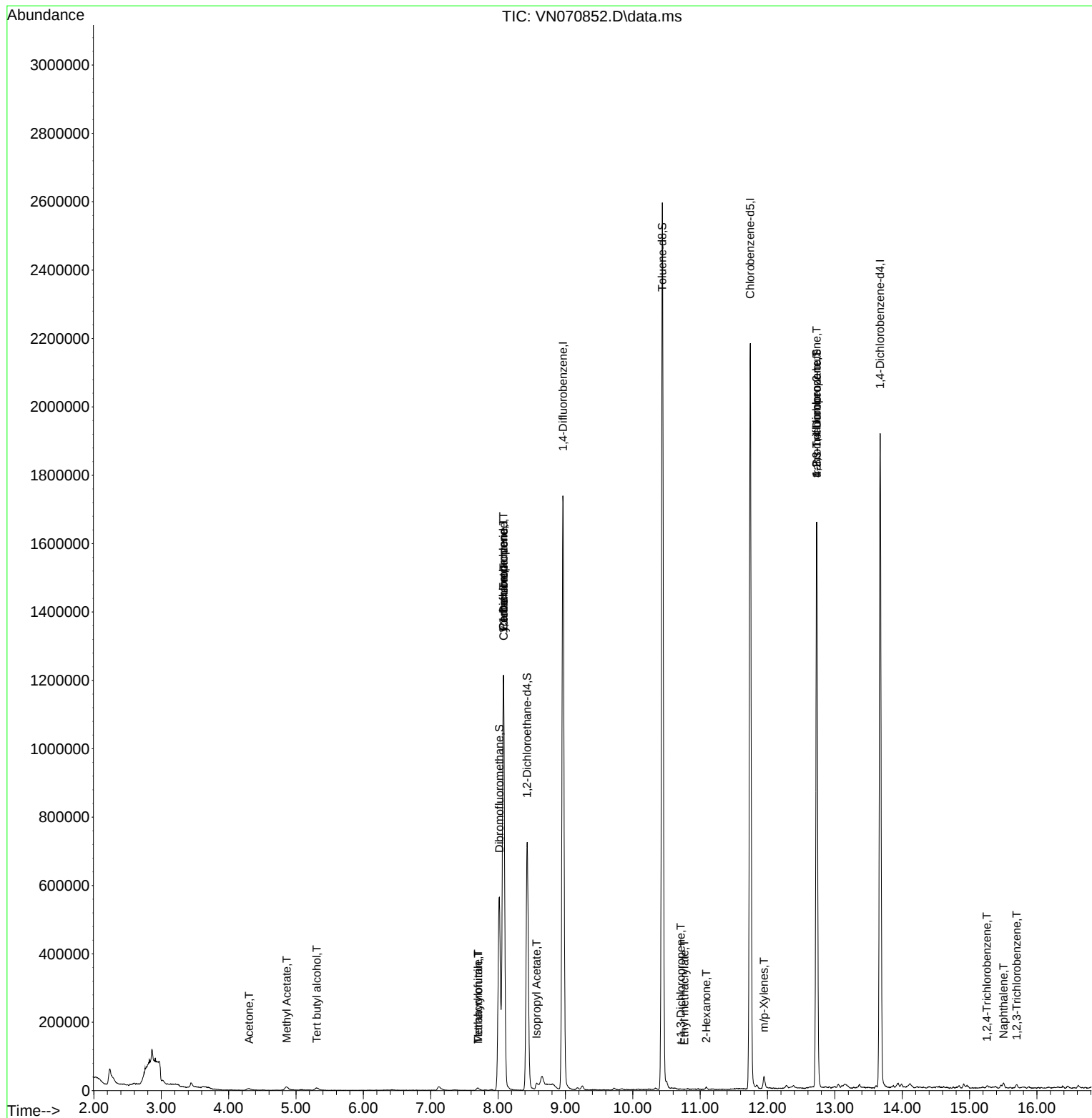
Internal Standards						
1) Pentafluorobenzene	8.080	168	941154	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	1497326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1230900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	520483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	641123	47.532	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.060%
35) Dibromofluoromethane	8.019	113	428397	46.124	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.240%
50) Toluene-d8	10.438	98	1813573	46.350	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.700%
62) 4-Bromofluorobenzene	12.731	95	601020	43.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.220%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.307	59	5329	2.190	ug/l	# 71
16) Acetone	4.301	43	5256	0.561	ug/l	98
18) Methyl Acetate	4.862	43	25516	1.386	ug/l	# 76
29) Tetrahydrofuran	7.702	42	6247	0.866	ug/l	# 71
30) Chloroform	7.812	83	812	Below Cal		84
31) Cyclohexane	8.083	56	21136	0.890	ug/l	# 9
36) 1,1-Dichloropropene	8.078	75	76953	4.921	ug/l	# 49
38) Carbon Tetrachloride	8.080	117	96965	6.971	ug/l	# 16
41) Methacrylonitrile	7.705	41	4166	0.394	ug/l	# 31
43) Isopropyl Acetate	8.571	43	16459	0.519	ug/l	# 55
53) t-1,3-Dichloropropene	10.711	75	165	2.412	ug/l	# 1
56) Ethyl methacrylate	10.765	69	345	2.317	ug/l	# 66
59) 2-Hexanone	11.092	43	4972	0.338	ug/l	81
68) m/p-Xylenes	11.948	106	11213	0.623	ug/l	100
76) 1,2,3-Trichloropropane	12.731	75	323072	23.403	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.731	75	323072	69.722	ug/l	# 5
93) 1,2,4-Trichlorobenzene	15.257	180	2399	3.658	ug/l	# 88
95) Naphthalene	15.504	128	14997	5.449	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	2448	3.465	ug/l	# 86

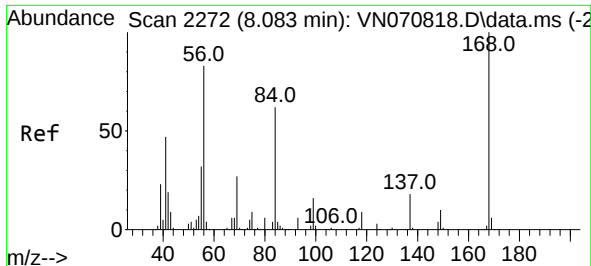
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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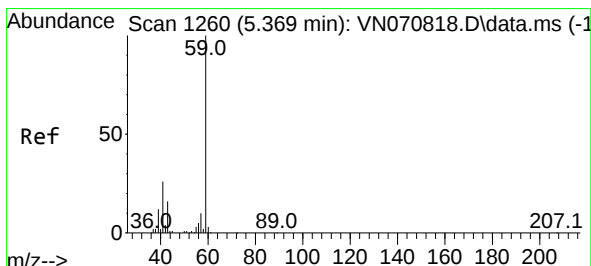
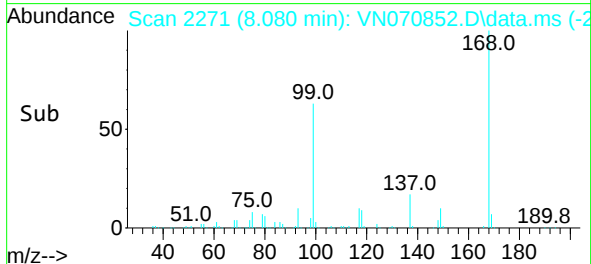
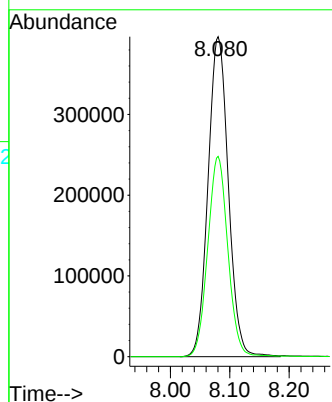
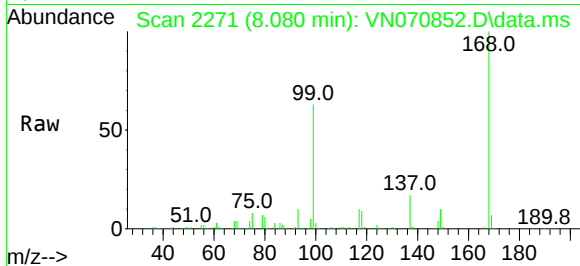




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

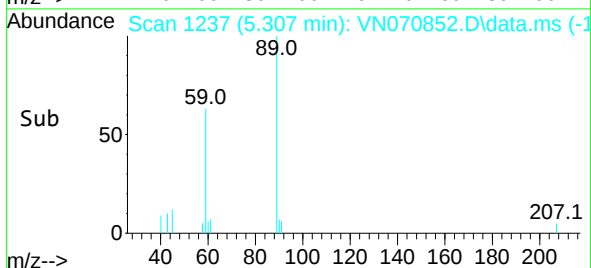
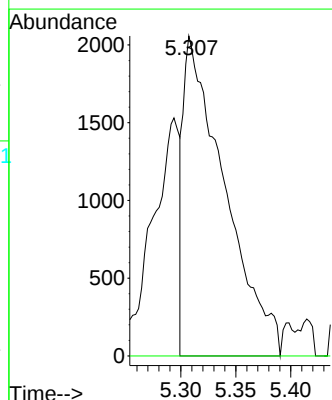
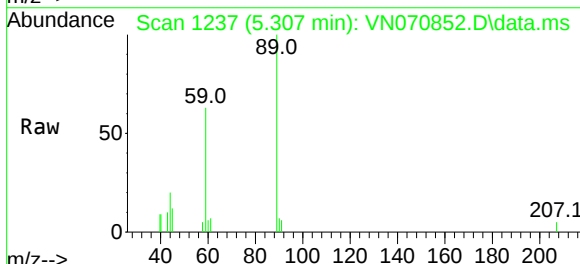
Instrument :
MSVOA_N
ClientSampleId :
RMR-OILY-DRUM

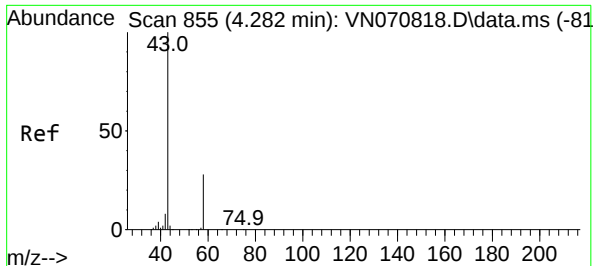
Tgt Ion:168 Resp: 941154
Ion Ratio Lower Upper
168 100
99 62.6 41.3 61.9#



#11
Tert butyl alcohol
Concen: 2.190 ug/l
RT: 5.307 min Scan# 1237
Delta R.T. -0.070 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

Tgt Ion: 59 Resp: 5329
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

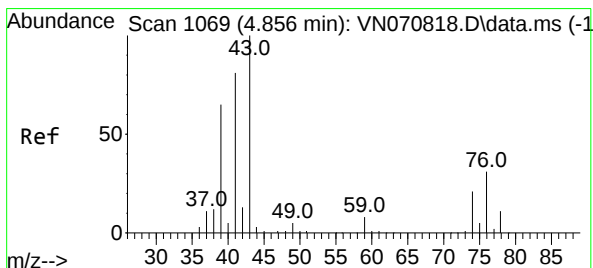
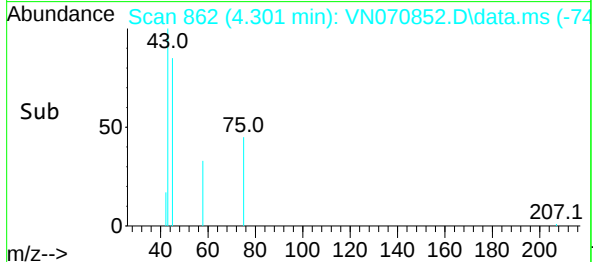
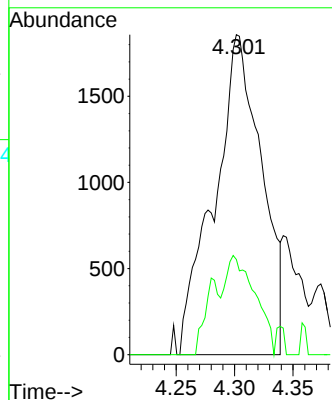
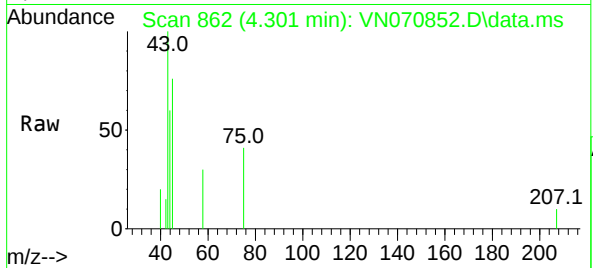




#16
Acetone
Concen: 0.561 ug/l
RT: 4.301 min Scan# 80
Delta R.T. 0.016 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

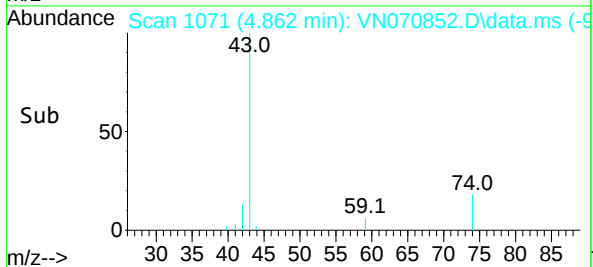
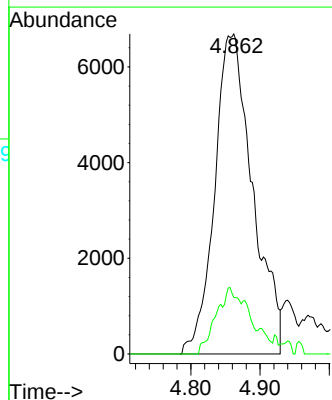
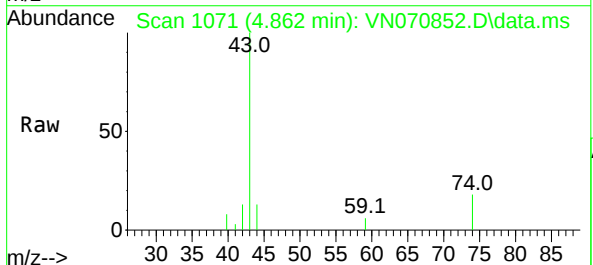
Instrument :
MSVOA_N
ClientSampleId :
RMR-OILY-DRUM

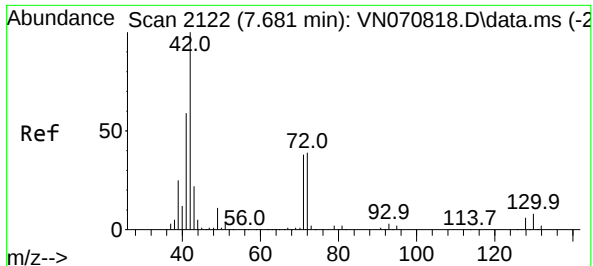
Tgt Ion: 43 Resp: 5256
Ion Ratio Lower Upper
43 100
58 29.8 23.1 34.7



#18
Methyl Acetate
Concen: 1.386 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

Tgt Ion: 43 Resp: 25516
Ion Ratio Lower Upper
43 100
74 12.4 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.866 ug/l

RT: 7.702 min Scan# 21

Delta R.T. 0.019 min

Lab File: VN070852.D

Acq: 31 Jan 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

RMR-OILY-DRUM

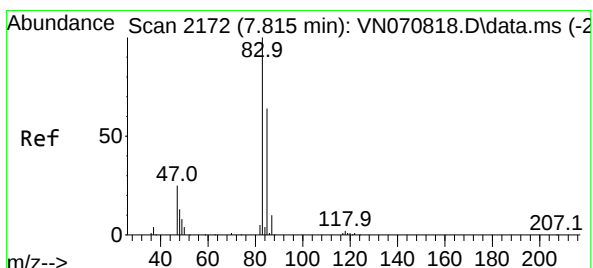
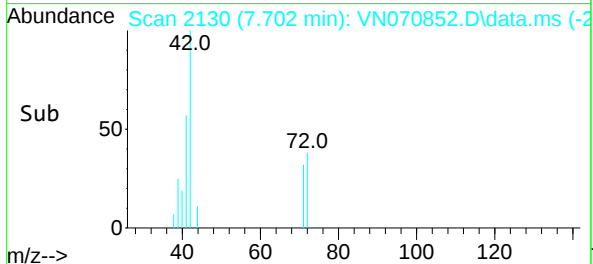
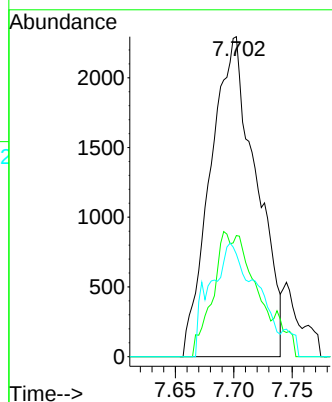
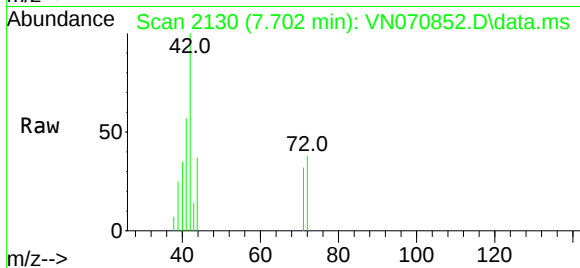
Tgt Ion: 42 Resp: 6247

Ion Ratio Lower Upper

42 100

72 15.4 36.3 54.5#

71 36.0 34.7 52.1



#30

Chloroform

Concen: Below Cal

RT: 7.812 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VN070852.D

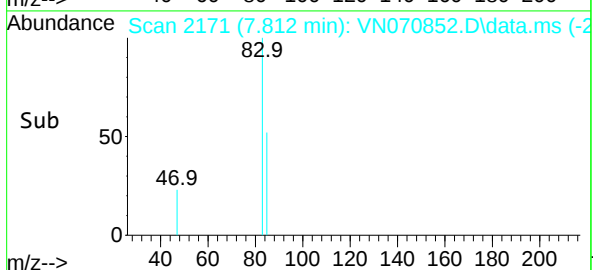
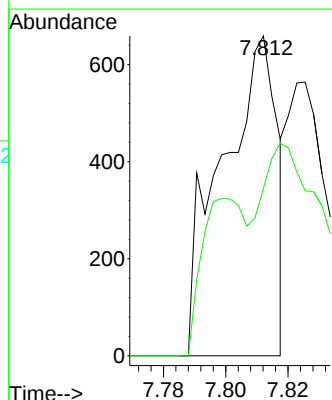
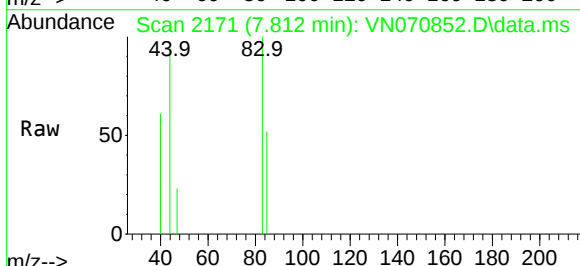
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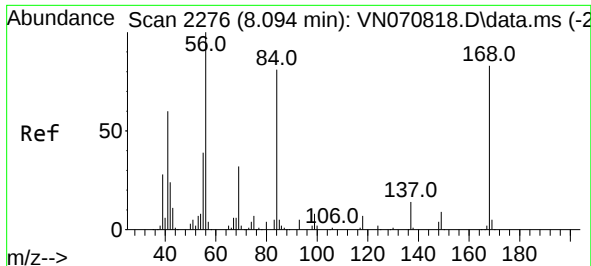
Tgt Ion: 83 Resp: 812

Ion Ratio Lower Upper

83 100

85 52.4 51.9 77.9

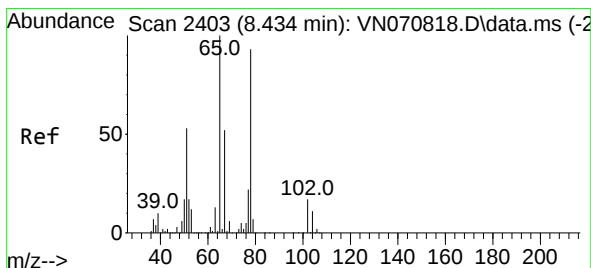
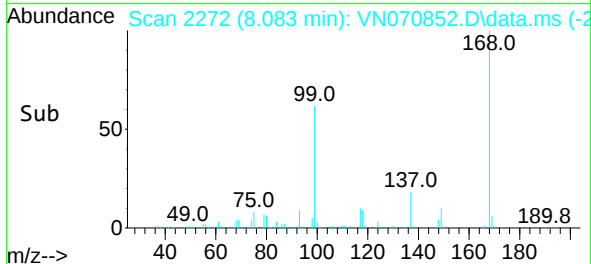
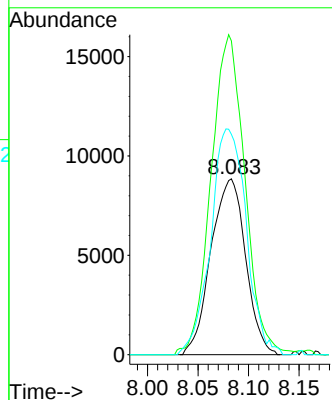
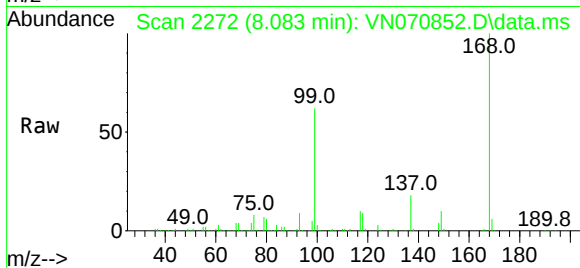




#31
Cyclohexane
Concen: 0.890 ug/l
RT: 8.083 min Scan# 21136
Delta R.T. -0.011 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

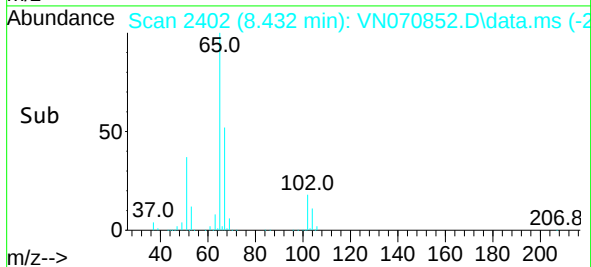
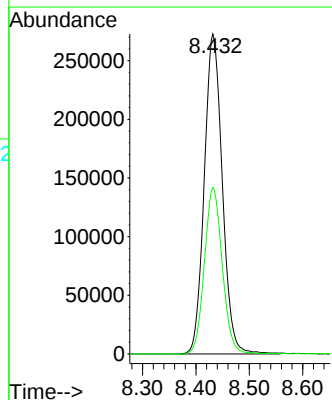
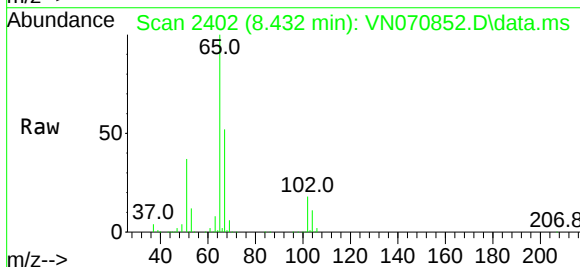
Instrument :
MSVOA_N
ClientSampleId :
RMR-OILY-DRUM

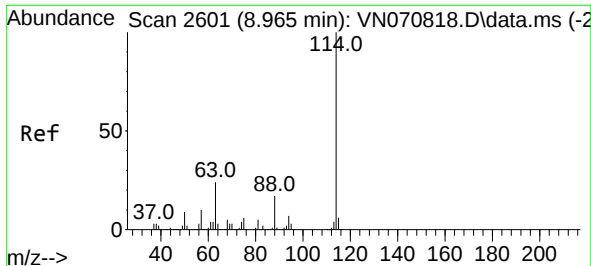
Tgt Ion: 56 Resp: 21136
Ion Ratio Lower Upper
56 100
69 175.3 27.1 40.7#
84 123.4 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 47.532 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.002 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

Tgt Ion: 65 Resp: 641123
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

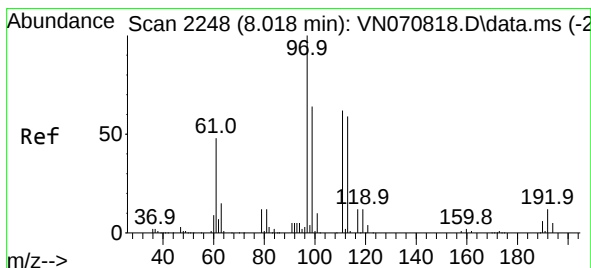
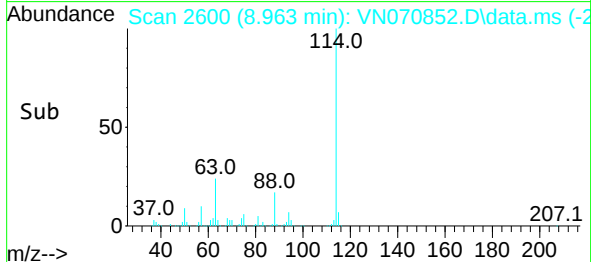
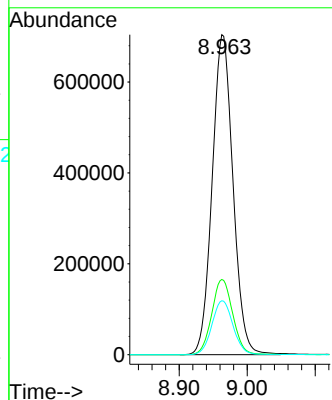
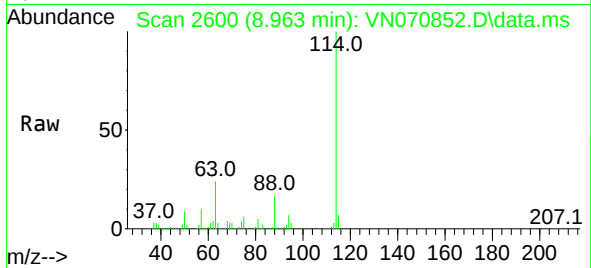




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2600
Delta R.T. -0.002 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

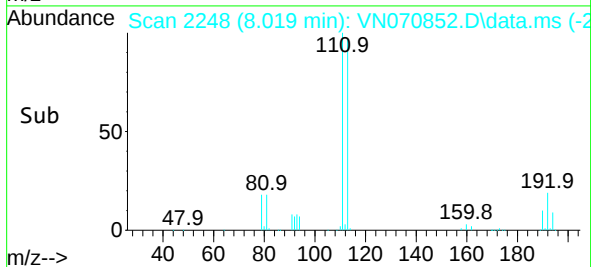
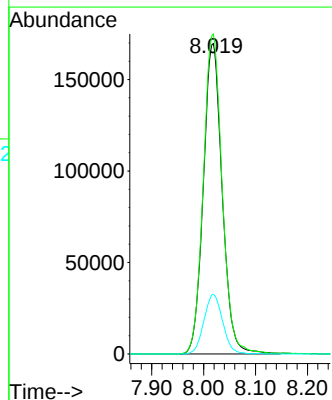
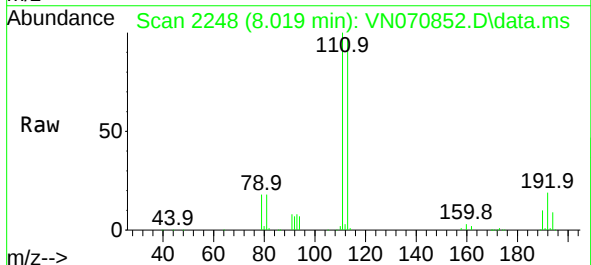
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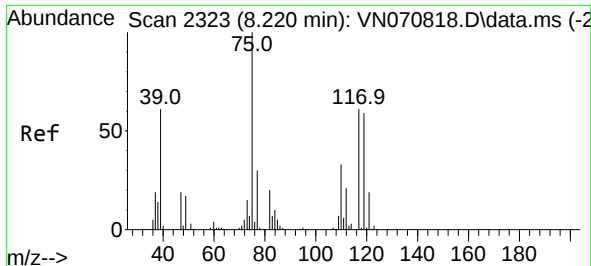
Tgt Ion:114 Resp: 1497326
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.124 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

Tgt Ion:113 Resp: 428397
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.0 16.9 25.3

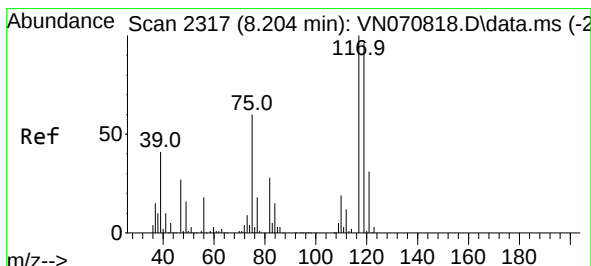
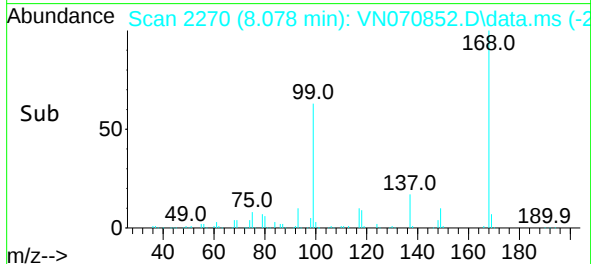
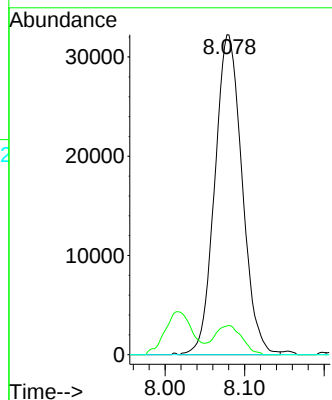
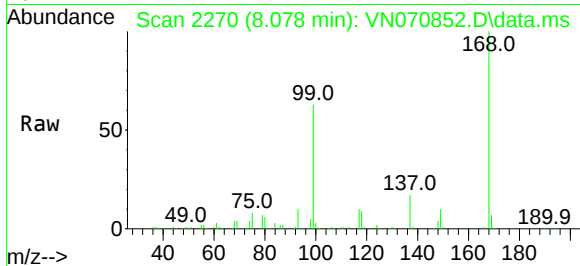




#36
 1,1-Dichloropropene
 Concen: 4.921 ug/l
 RT: 8.078 min Scan# 211
 Delta R.T. -0.142 min
 Lab File: VN070852.D
 Acq: 31 Jan 2022 15:08

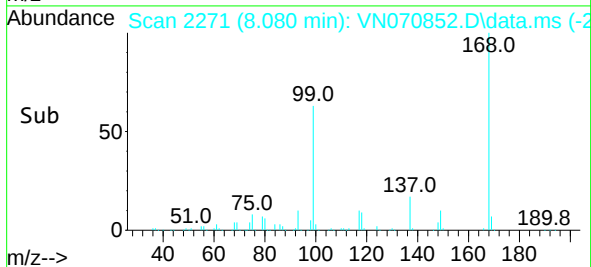
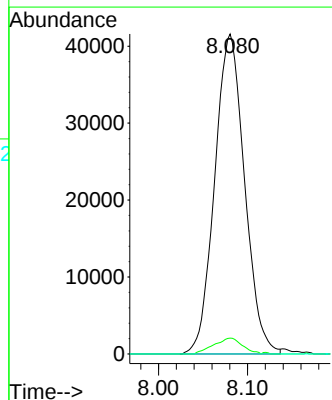
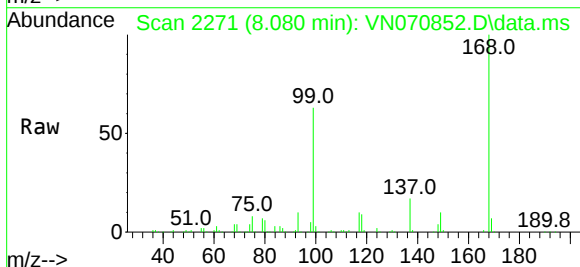
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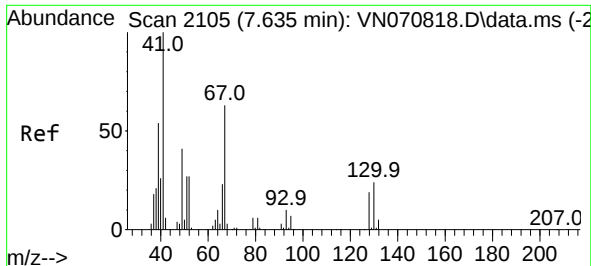
Tgt Ion: 75 Resp: 76953
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.4 55.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 6.971 ug/l
 RT: 8.080 min Scan# 2271
 Delta R.T. -0.126 min
 Lab File: VN070852.D
 Acq: 31 Jan 2022 15:08

Tgt Ion: 117 Resp: 96965
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.1 114.1#
 121 0.0 24.2 36.2#

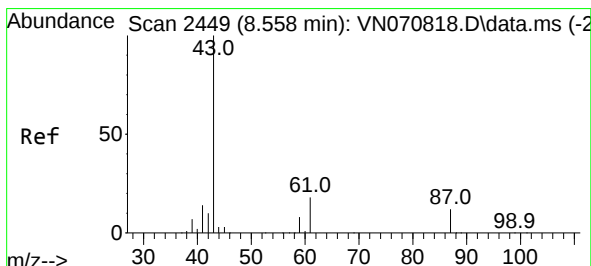
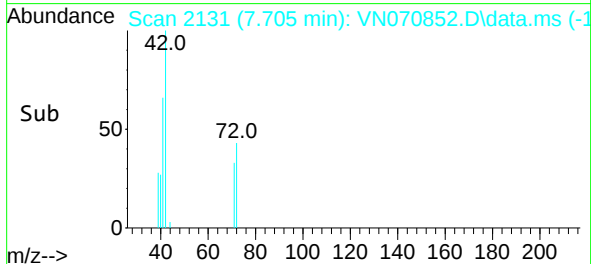
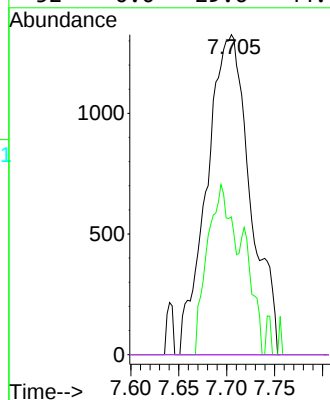
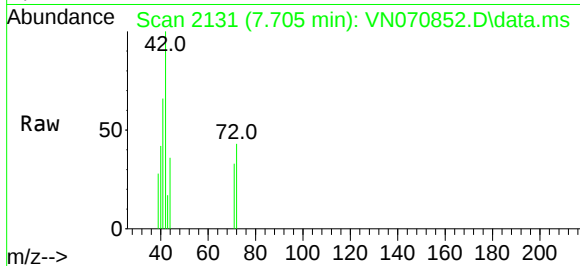




#41
Methacrylonitrile
Concen: 0.394 ug/l
RT: 7.705 min Scan# 2105
Delta R.T. 0.070 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

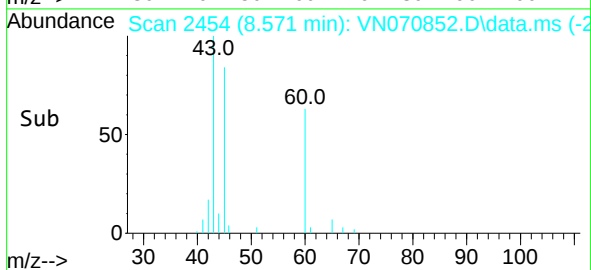
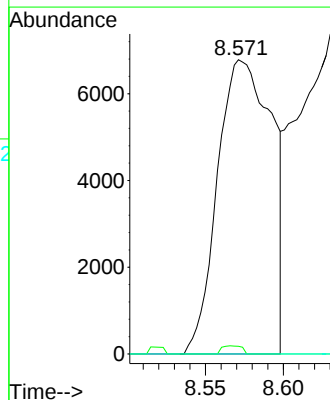
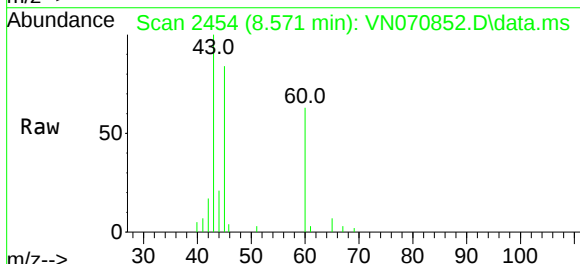
Instrument :
MSVOA_N
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RMR-OILY-DRUM

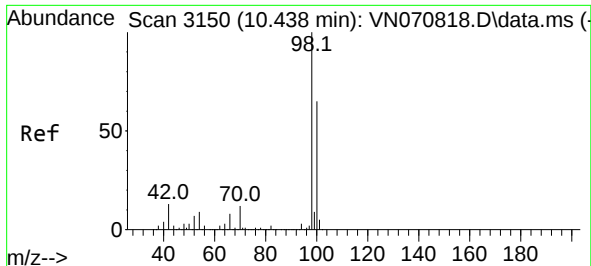
Tgt Ion:	41	Resp:	4166
Ion	Ratio	Lower	Upper
41	100		
39	30.8	48.1	72.1#
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#



#43
Isopropyl Acetate
Concen: 0.519 ug/l
RT: 8.571 min Scan# 2454
Delta R.T. 0.011 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

Tgt Ion:	43	Resp:	16459
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.4	30.6#
87	0.0	11.2	16.8#

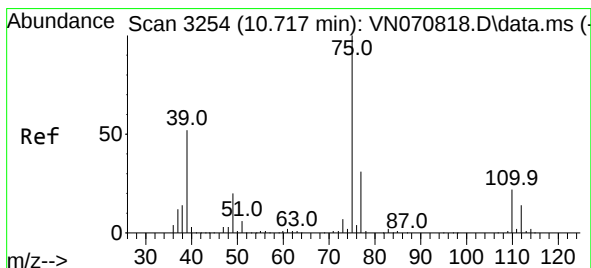
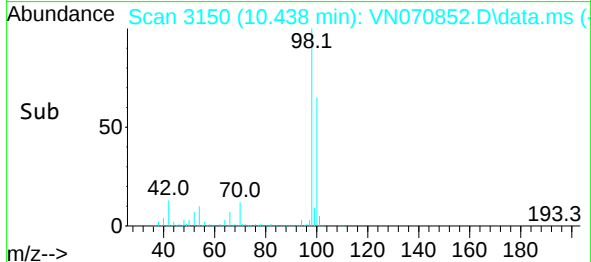
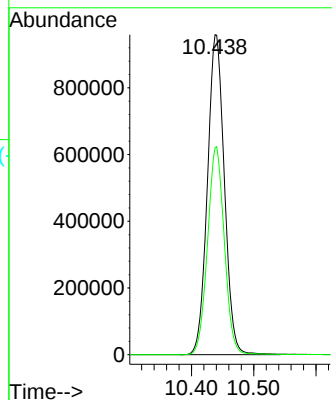
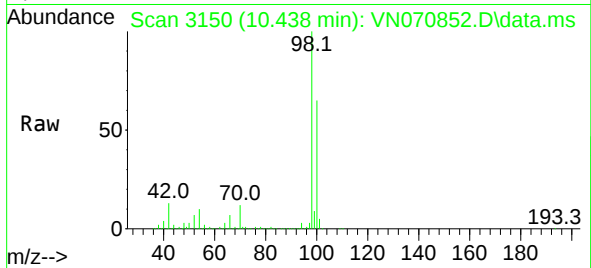




#50
Toluene-d8
Concen: 46.350 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

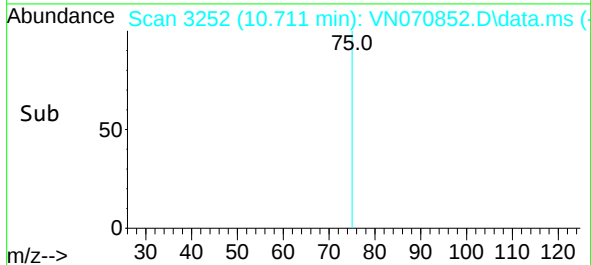
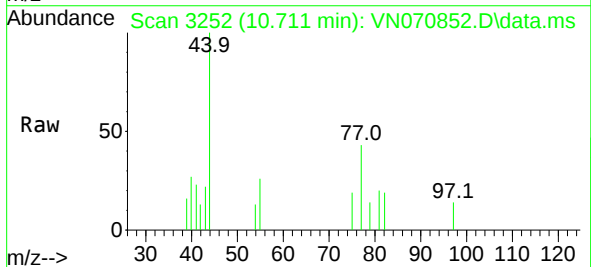
Instrument :
MSVOA_N
ClientSampleId :
RMR-OILY-DRUM

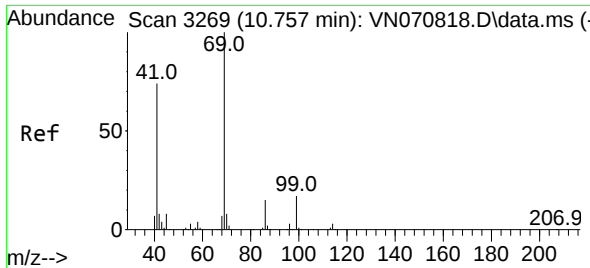
Tgt Ion: 98 Resp: 1813573
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.412 ug/l
RT: 10.711 min Scan# 3252
Delta R.T. -0.006 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

Tgt Ion: 75 Resp: 165
Ion Ratio Lower Upper
75 100
77 96.7 25.6 38.4#

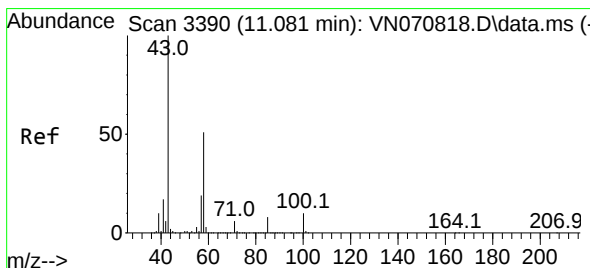
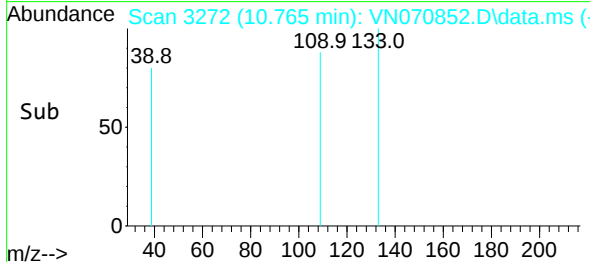
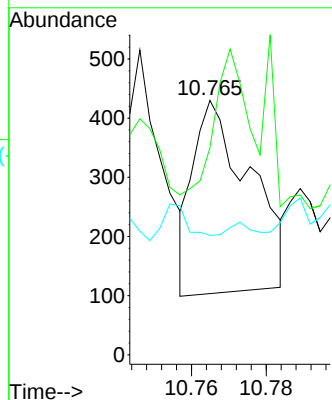
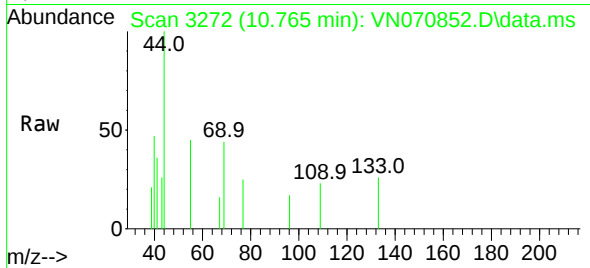




#56
Ethyl methacrylate
Concen: 2.317 ug/l
RT: 10.765 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

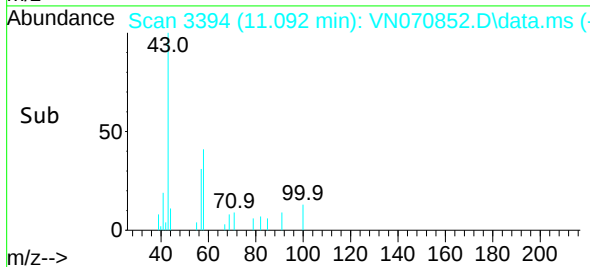
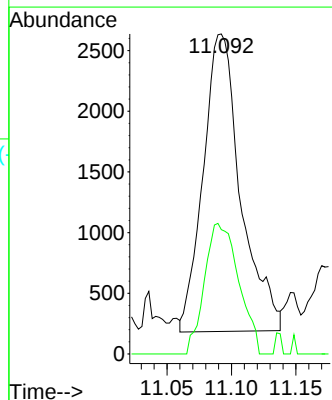
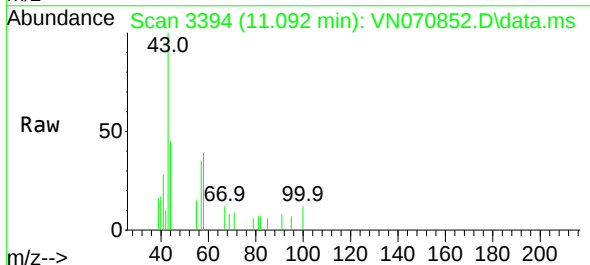
Instrument :
MSVOA_N
ClientSampleId :
RMR-OILY-DRUM

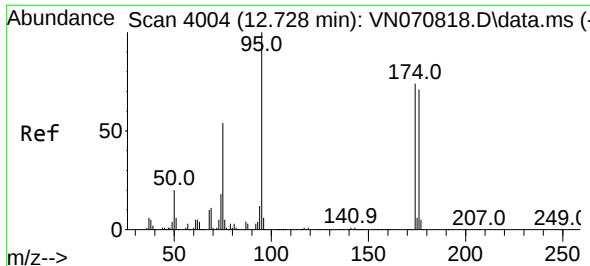
Tgt Ion: 69 Resp: 345
Ion Ratio Lower Upper
69 100
41 42.9 51.4 77.0#
39 14.2 34.6 52.0#



#59
2-Hexanone
Concen: 0.338 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.008 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

Tgt Ion: 43 Resp: 4972
Ion Ratio Lower Upper
43 100
58 39.9 26.9 80.7

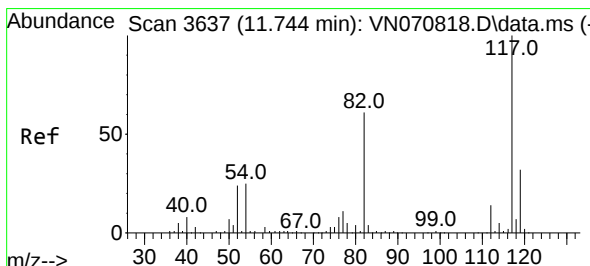
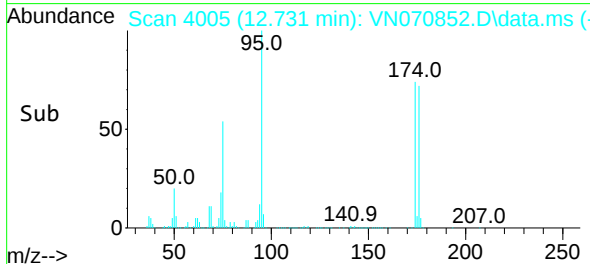
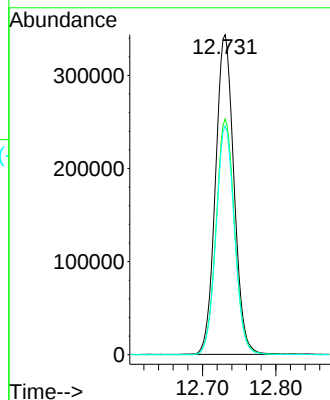
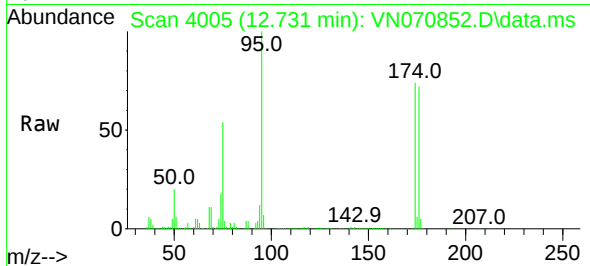




#62
4-Bromofluorobenzene
Concen: 43.106 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

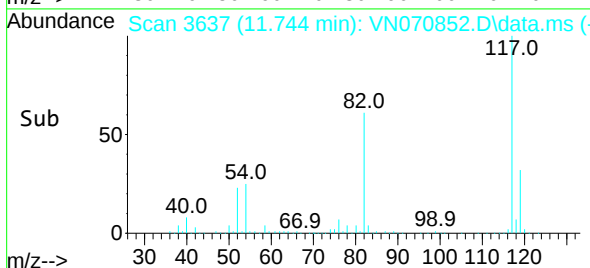
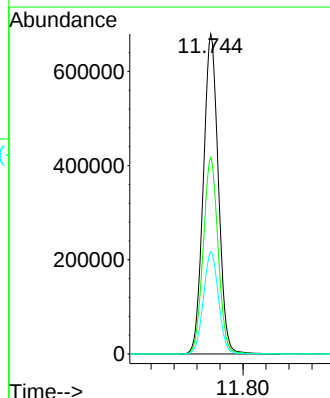
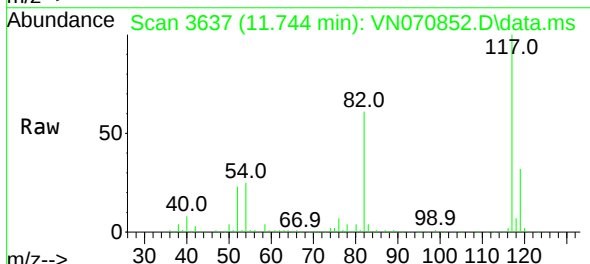
Instrument :
MSVOA_N
ClientSampleId :
RMR-OILY-DRUM

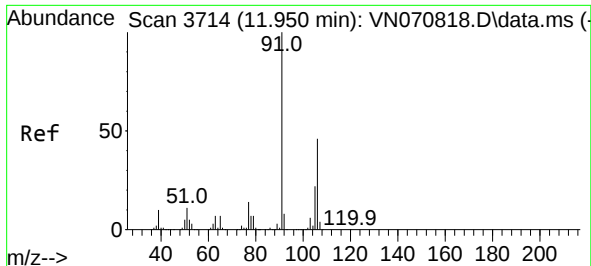
Tgt Ion: 95 Resp: 601020
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

Tgt Ion: 117 Resp: 1230900
Ion Ratio Lower Upper
117 100
82 61.5 42.4 63.6
119 32.0 25.4 38.2

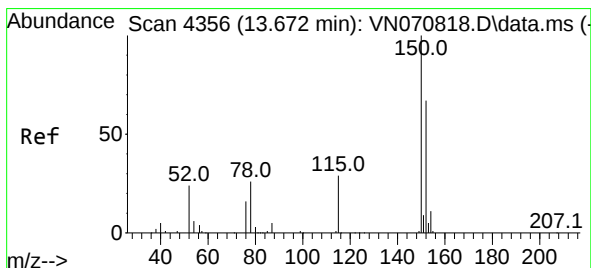
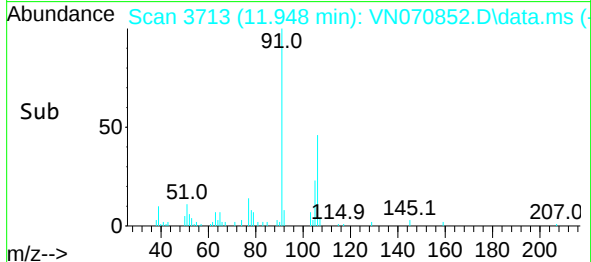
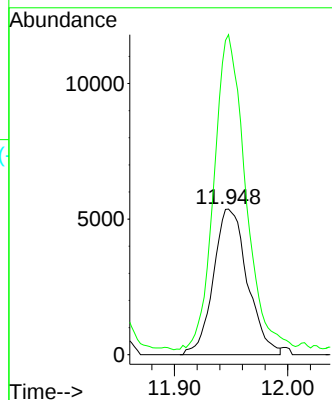
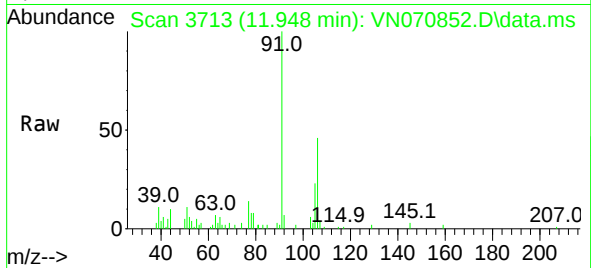




#68
m/p-Xylenes
Concen: 0.623 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

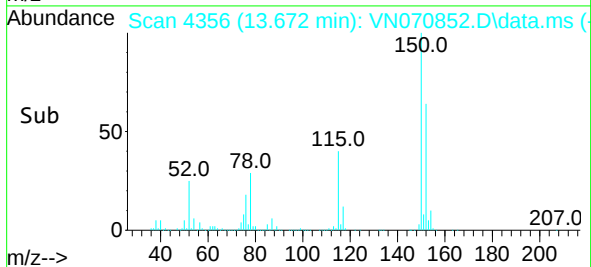
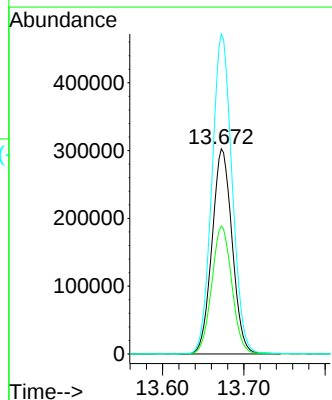
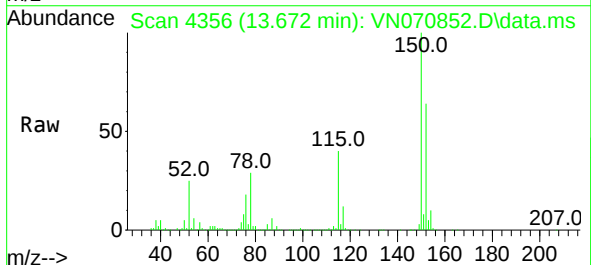
Instrument :
MSVOA_N
ClientSampleId :
RMR-OILY-DRUM

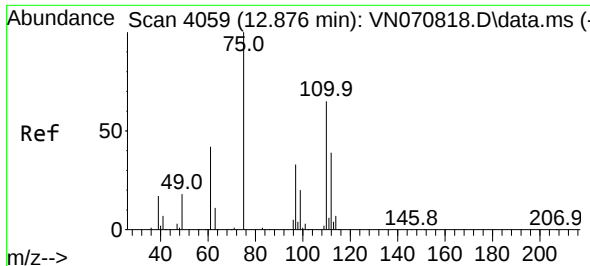
Tgt Ion:106 Resp: 11213
Ion Ratio Lower Upper
106 100
91 200.5 160.6 240.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

Tgt Ion:152 Resp: 520483
Ion Ratio Lower Upper
152 100
115 62.1 27.5 82.5
150 156.8 0.0 344.4

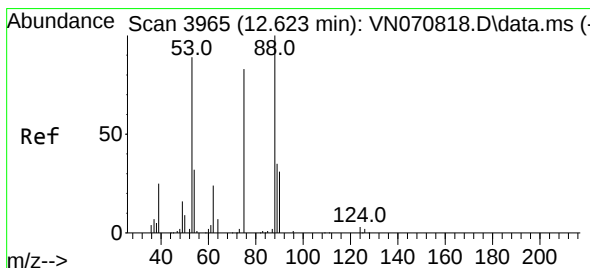
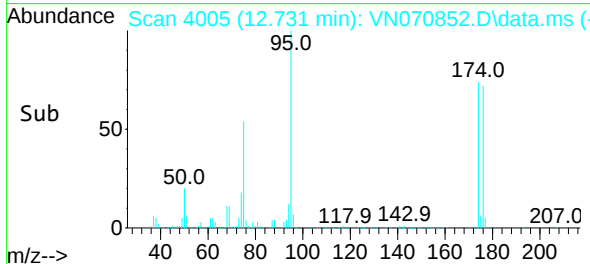
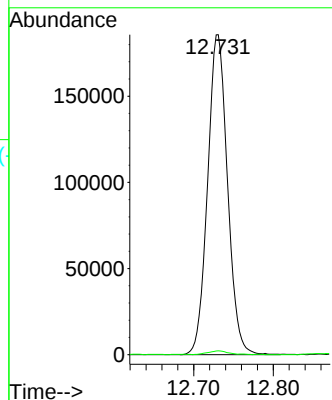
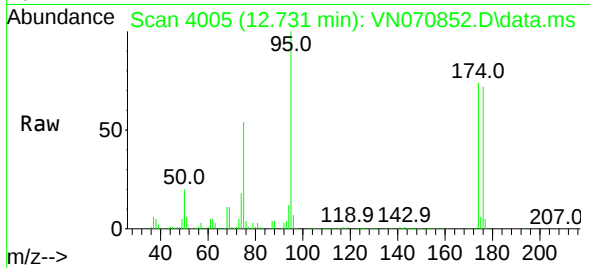




#76
1,2,3-Trichloropropane
Concen: 23.403 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

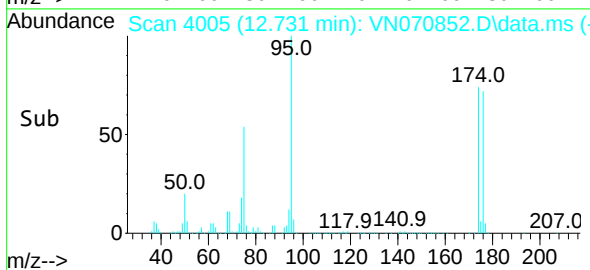
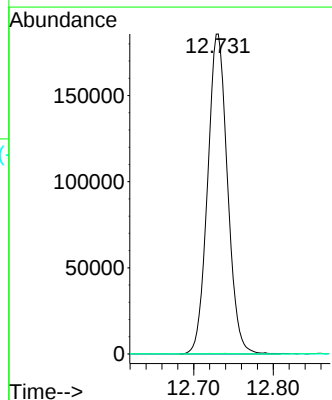
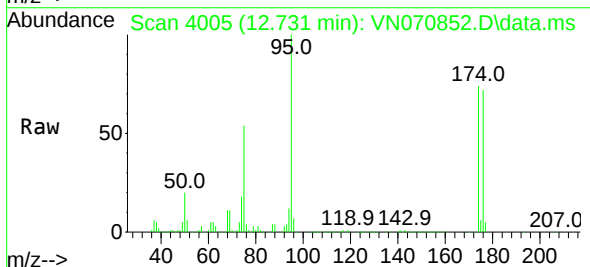
Instrument :
MSVOA_N
ClientSampleId :
RMR-OILY-DRUM

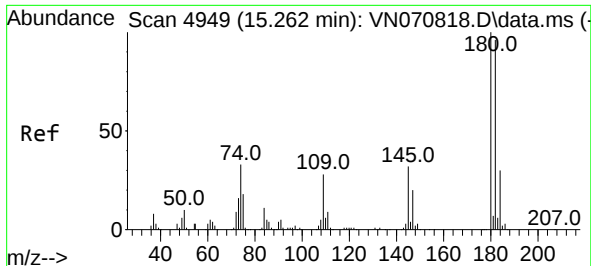
Tgt Ion: 75 Resp: 323072
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.722 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

Tgt Ion: 75 Resp: 323072
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 38.2 57.4#

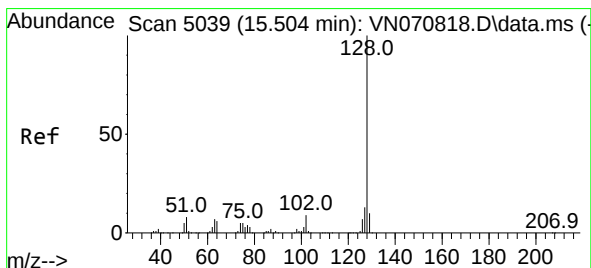
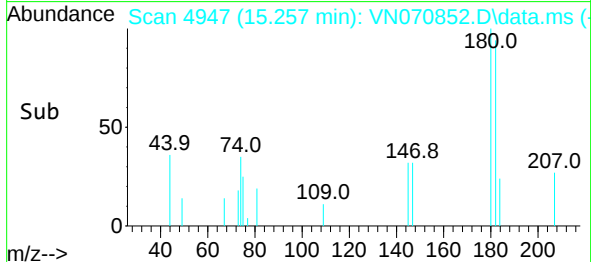
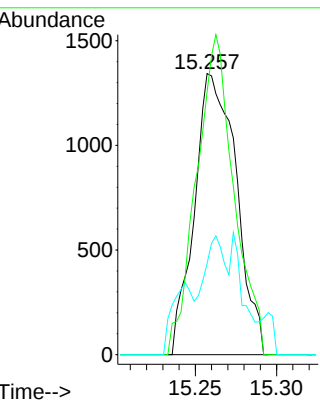
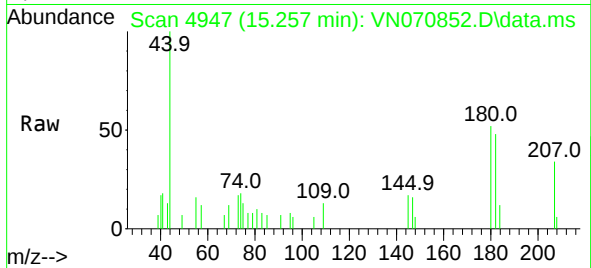




#93
1,2,4-Trichlorobenzene
Concen: 3.658 ug/l
RT: 15.257 min Scan# 4949
Delta R.T. -0.006 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

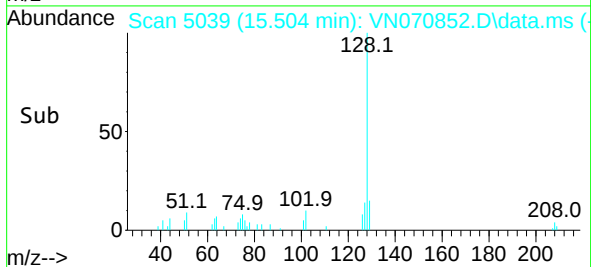
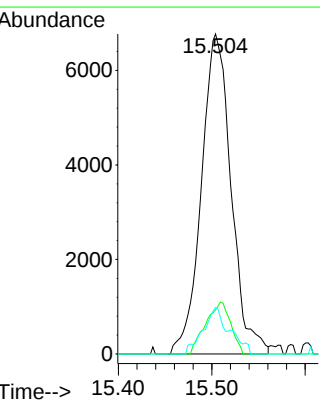
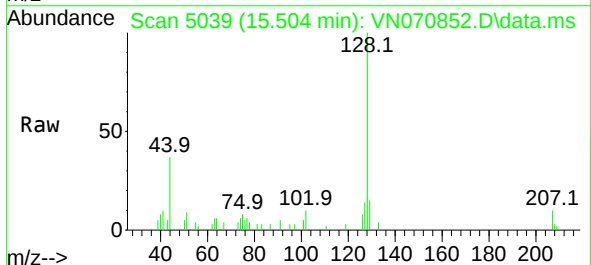
Instrument :
MSVOA_N
ClientSampleId :
RMR-OILY-DRUM

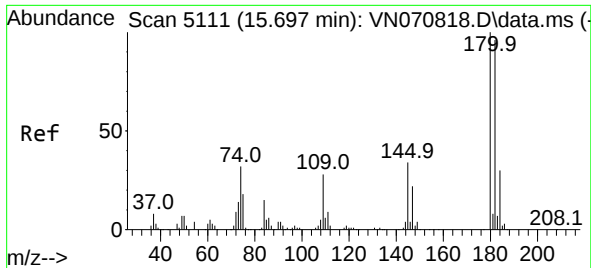
Tgt Ion:180 Resp: 2399
Ion Ratio Lower Upper
180 100
182 102.0 48.3 144.9
145 11.5 14.5 43.5#



#95
Naphthalene
Concen: 5.449 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070852.D
Acq: 31 Jan 2022 15:08

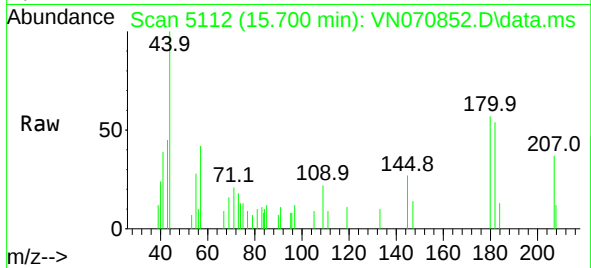
Tgt Ion:128 Resp: 14997
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.465 ug/l
 RT: 15.700 min Scan# 5111
 Delta R.T. 0.003 min
 Lab File: VN070852.D
 Acq: 31 Jan 2022 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 RMR-OILY-DRUM



Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	47.4	142.2
145	50.5	15.0	45.1

