

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074118.D
 Acq On : 25 Aug 2022 16:48
 Operator : JC\MD
 Sample : N4303-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-9

Quant Time: Aug 26 02:03:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	596635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	919673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	799655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	373370	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	308793	53.138	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.280%
35) Dibromofluoromethane	7.951	113	276219	50.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.580%
50) Toluene-d8	10.380	98	1061354	50.387	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.668	95	335329	47.967	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.940%

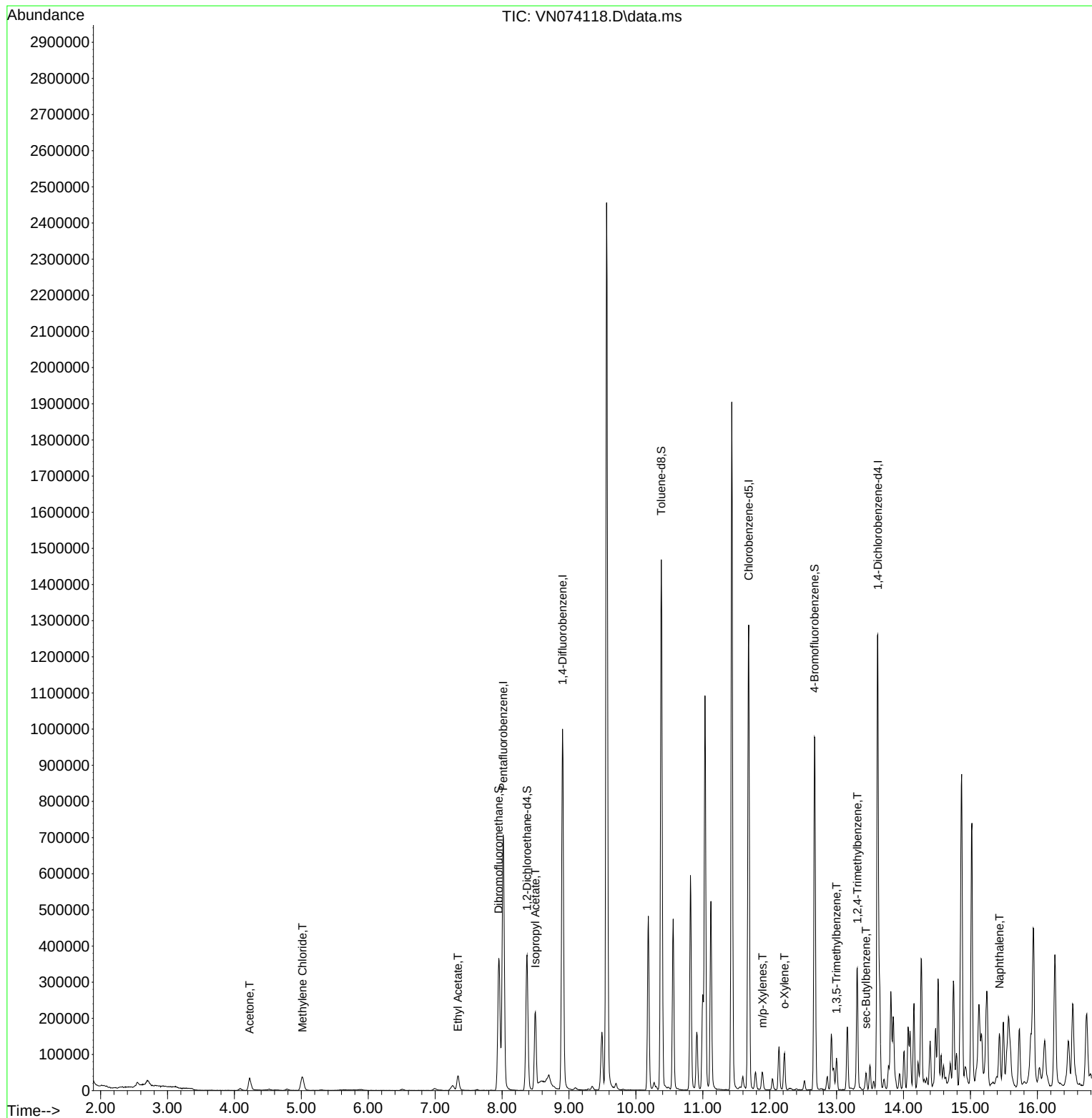
Target Compounds						Qvalue
16) Acetone	4.228	43	61530	22.443	ug/l	98
20) Methylene Chloride	5.016	84	33928	5.865	ug/l	97
37) Ethyl Acetate	7.339	43	59439	6.495	ug/l	96
43) Isopropyl Acetate	8.498	43	241088	18.491	ug/l #	93
68) m/p-Xylenes	11.892	106	15398	1.341	ug/l	94
69) o-Xylene	12.221	106	23994	2.084	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	45236	2.046	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	194921	8.827	ug/l	98
85) sec-Butylbenzene	13.439	105	28822	1.093	ug/l	95
95) Naphthalene	15.433	128	128291	4.906	ug/l	97

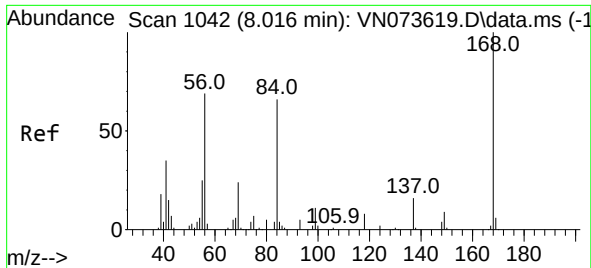
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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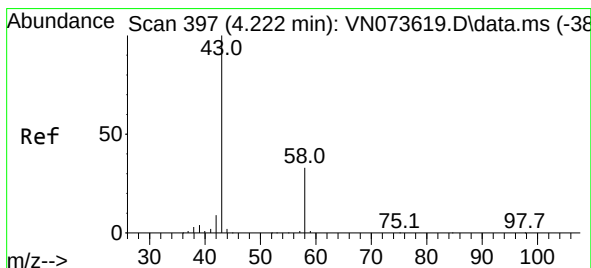
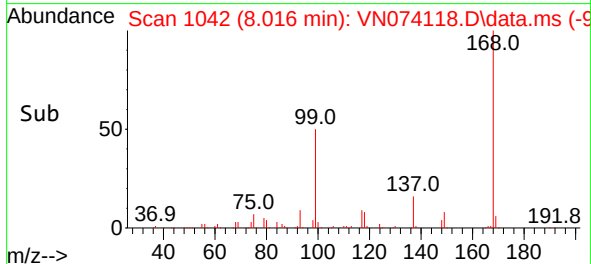
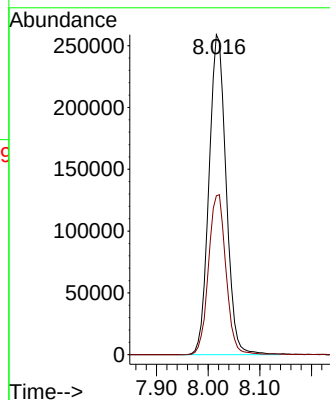
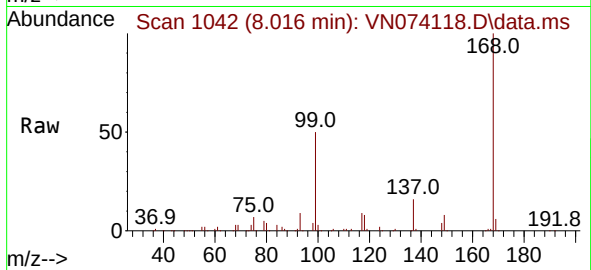




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074118.D
Acq: 25 Aug 2022 16:48

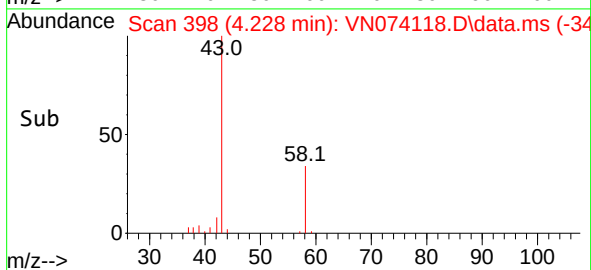
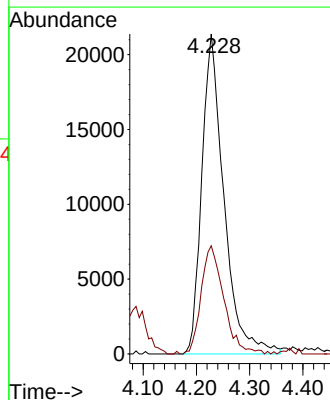
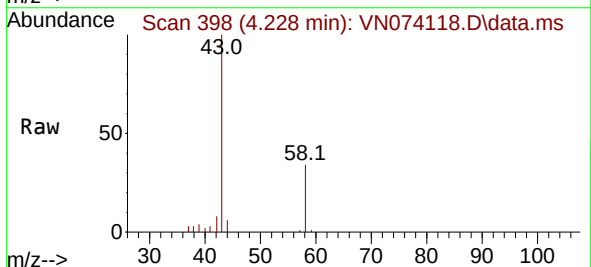
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-9

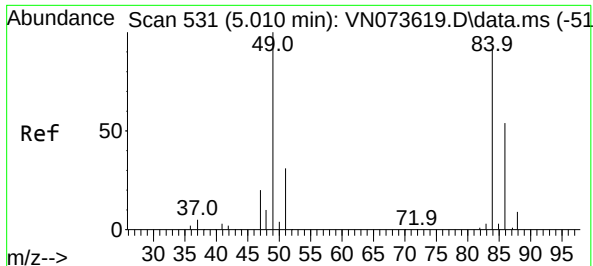
Tgt Ion:168 Resp: 596635
Ion Ratio Lower Upper
168 100
99 49.7 42.3 63.5



#16
Acetone
Concen: 22.443 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074118.D
Acq: 25 Aug 2022 16:48

Tgt Ion: 43 Resp: 61530
Ion Ratio Lower Upper
43 100
58 33.8 26.0 39.0

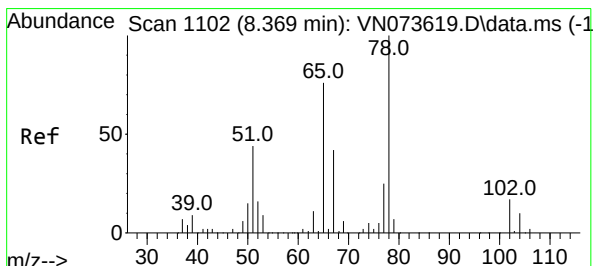
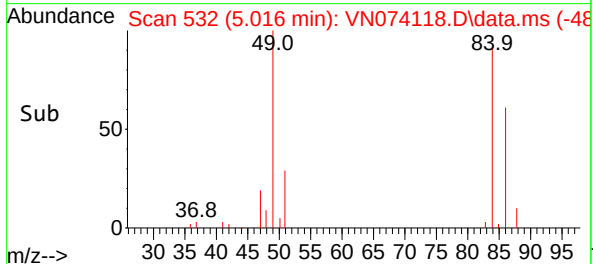
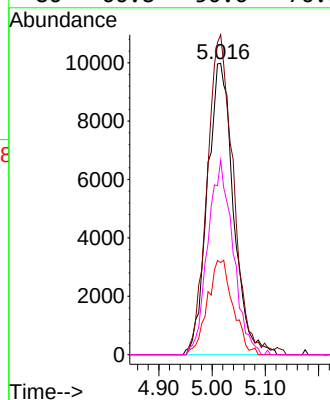
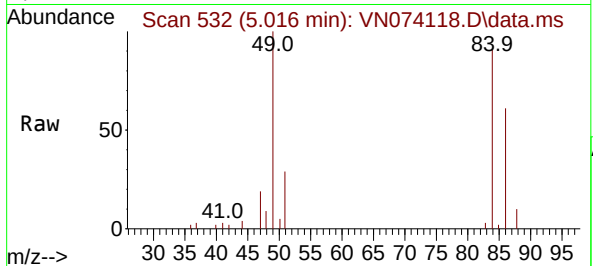




#20
Methylene Chloride
Concen: 5.865 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074118.D
Acq: 25 Aug 2022 16:48

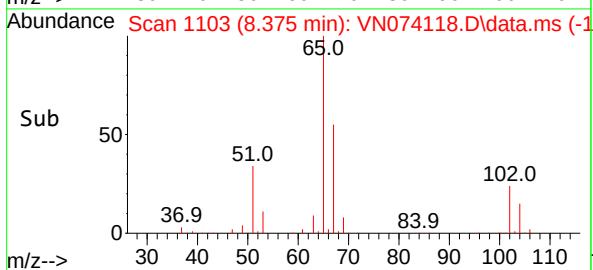
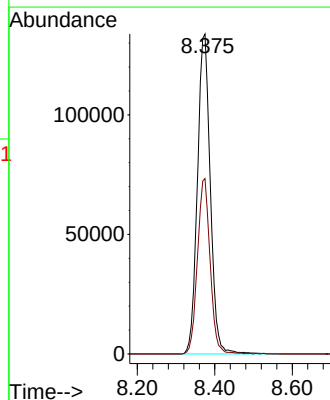
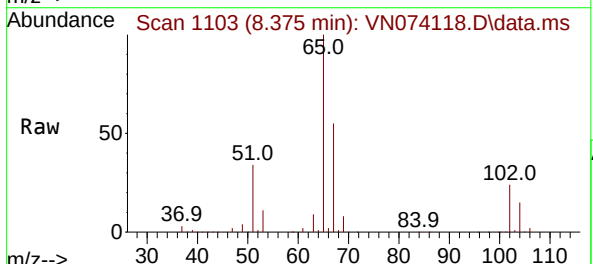
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-9

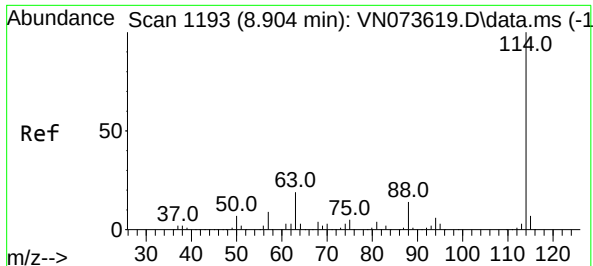
Tgt Ion:	84	Resp:	33928
Ion	Ratio	Lower	Upper
84	100		
49	109.8	88.3	132.5
51	31.6	28.2	42.2
86	66.8	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 53.138 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074118.D
Acq: 25 Aug 2022 16:48

Tgt Ion:	65	Resp:	308793
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074118.D

Acq: 25 Aug 2022 16:48

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-9

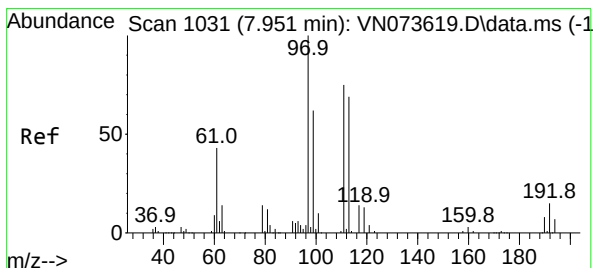
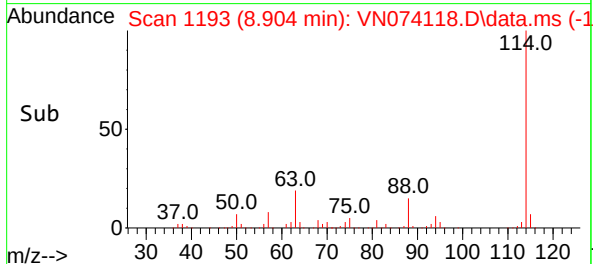
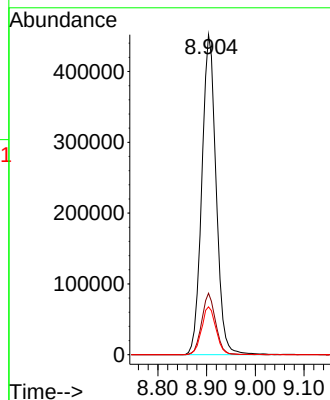
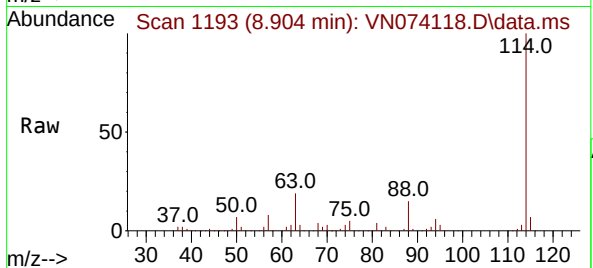
Tgt Ion:114 Resp: 919673

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.786 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074118.D

Acq: 25 Aug 2022 16:48

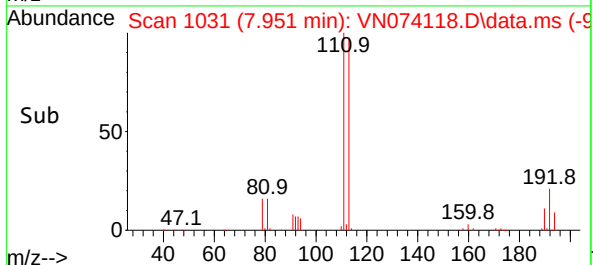
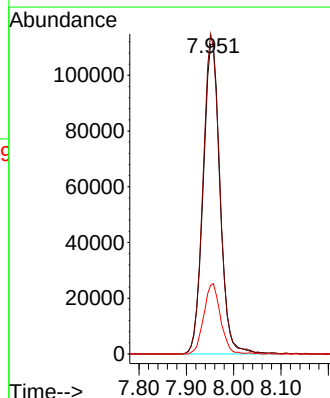
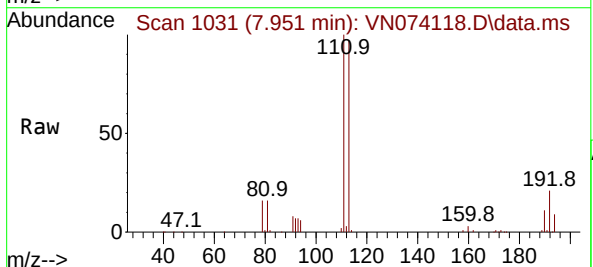
Tgt Ion:113 Resp: 276219

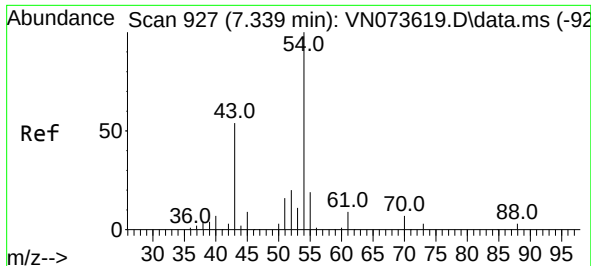
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 22.2 17.0 25.6

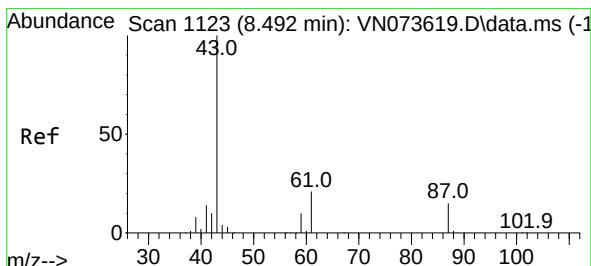
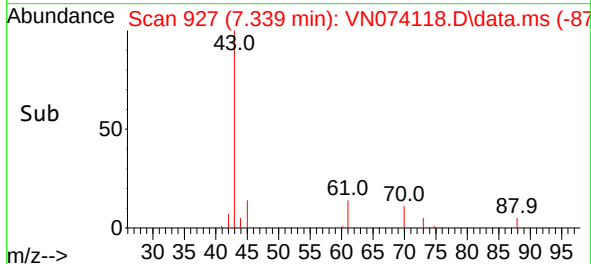
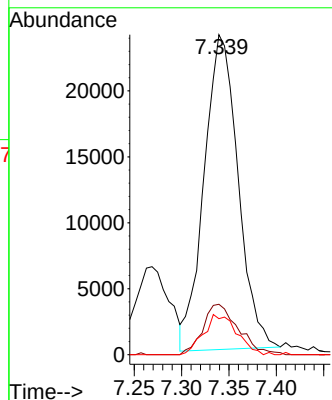
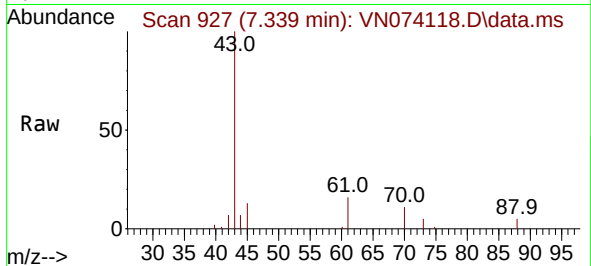




#37
Ethyl Acetate
Concen: 6.495 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074118.D
Acq: 25 Aug 2022 16:48

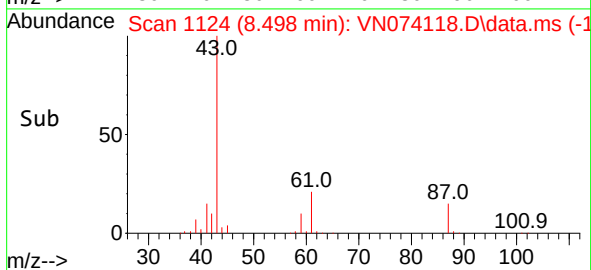
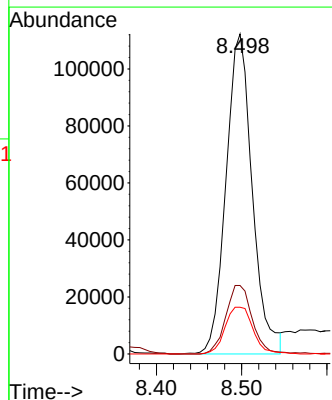
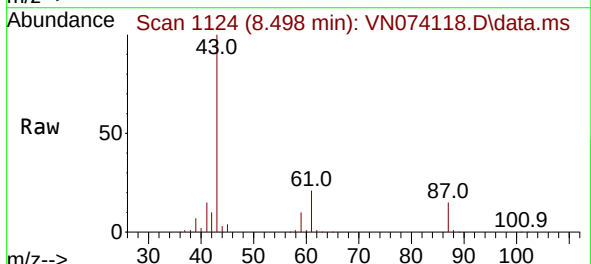
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-9

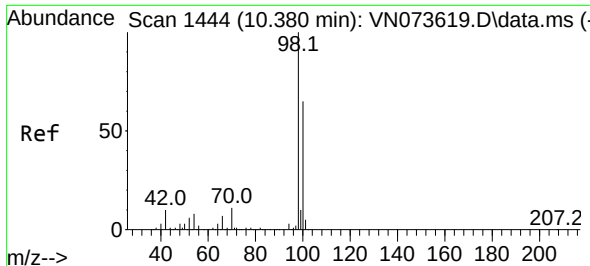
Tgt Ion:	43	Resp:	59439
Ion	Ratio	Lower	Upper
43	100		
61	16.7	11.8	17.6
70	12.5	9.3	13.9



#43
Isopropyl Acetate
Concen: 18.491 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074118.D
Acq: 25 Aug 2022 16:48

Tgt Ion:	43	Resp:	241088
Ion	Ratio	Lower	Upper
43	100		
61	21.8	21.9	32.9#
87	15.5	12.0	18.0

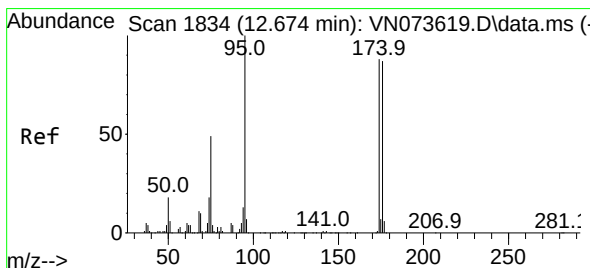
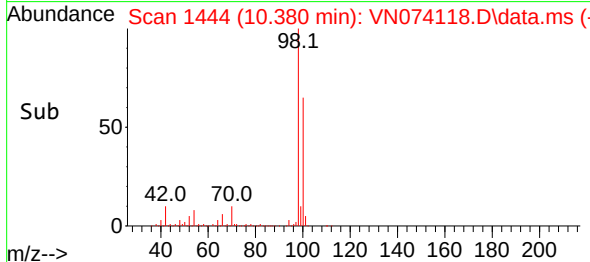
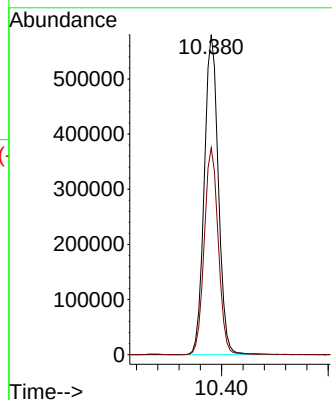
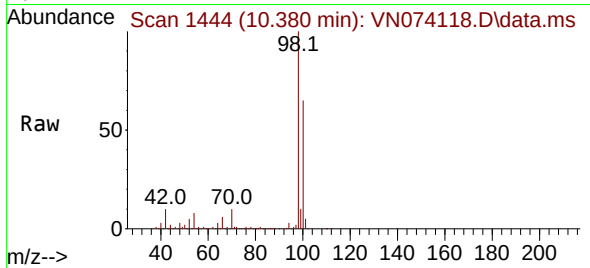




#50
Toluene-d8
Concen: 50.387 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074118.D
Acq: 25 Aug 2022 16:48

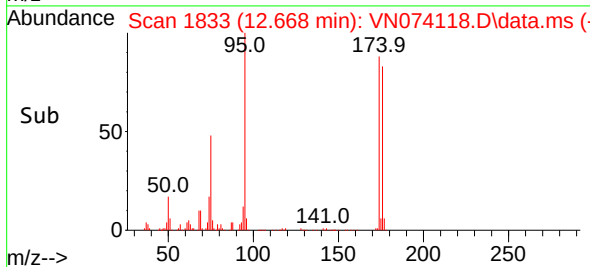
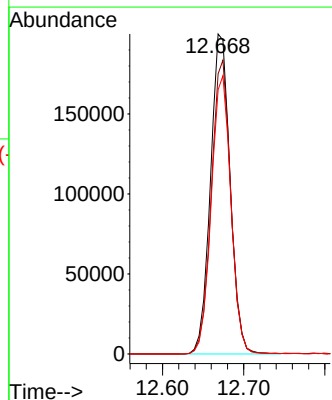
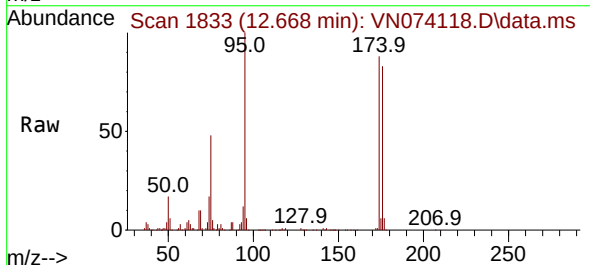
Instrument :
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ClientSampleId :
DRUM-1-9

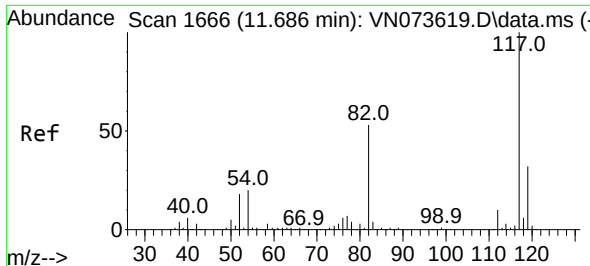
Tgt Ion: 98 Resp: 1061354
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.967 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074118.D
Acq: 25 Aug 2022 16:48

Tgt Ion: 95 Resp: 335329
Ion Ratio Lower Upper
95 100
174 91.2 0.0 167.6
176 86.9 0.0 163.4

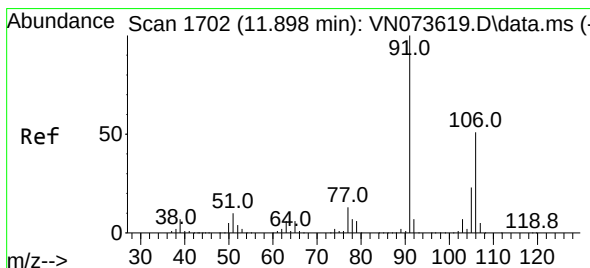
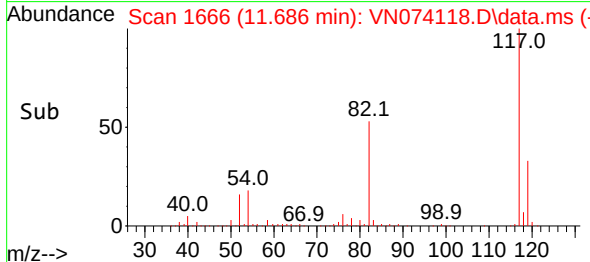
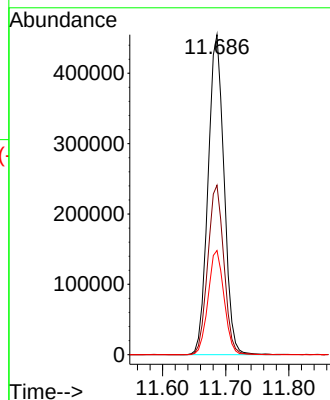
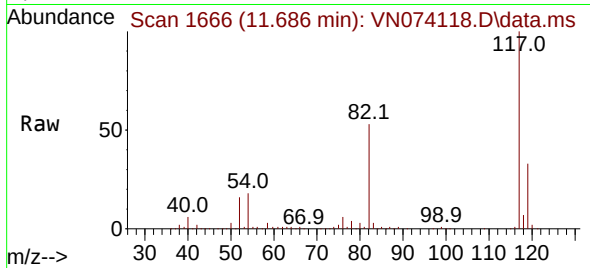




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074118.D
Acq: 25 Aug 2022 16:48

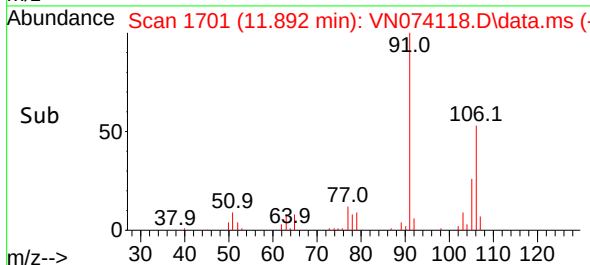
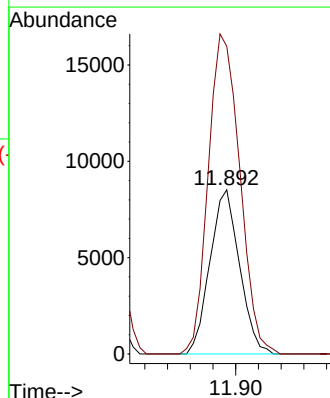
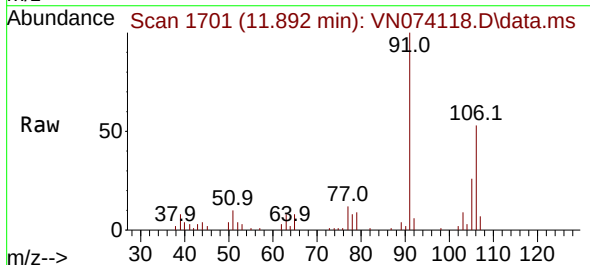
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DRUM-1-9

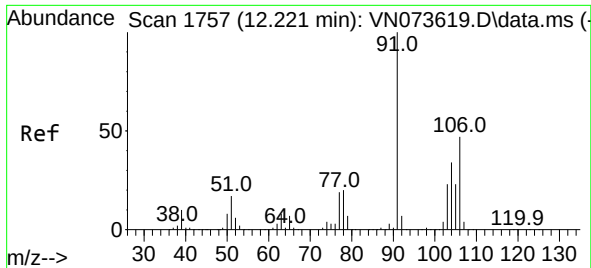
Tgt Ion:117 Resp: 799655
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 32.5 25.4 38.0



#68
m/p-Xylenes
Concen: 1.341 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN074118.D
Acq: 25 Aug 2022 16:48

Tgt Ion:106 Resp: 15398
Ion Ratio Lower Upper
106 100
91 208.2 158.9 238.3

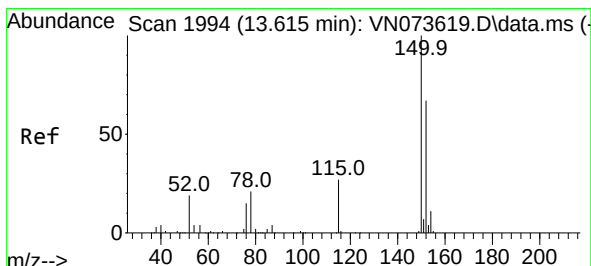
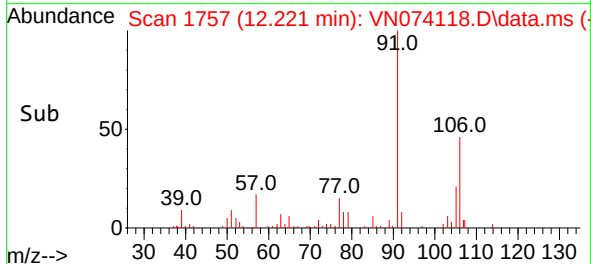
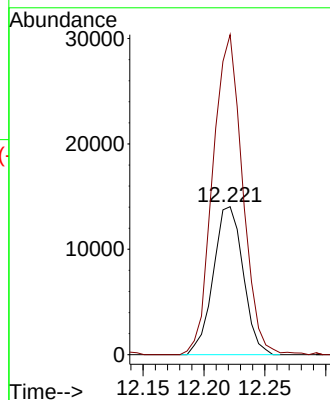
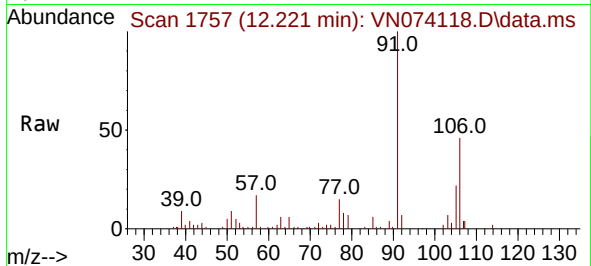




#69
o-Xylene
Concen: 2.084 ug/l
RT: 12.221 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074118.D
Acq: 25 Aug 2022 16:48

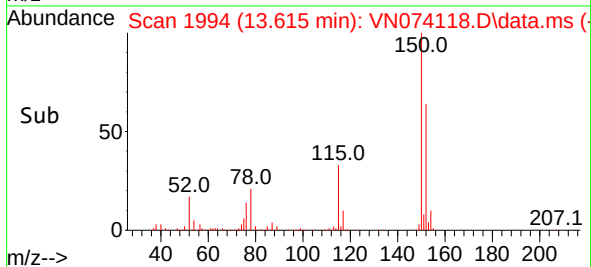
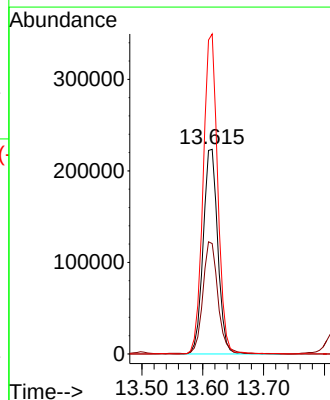
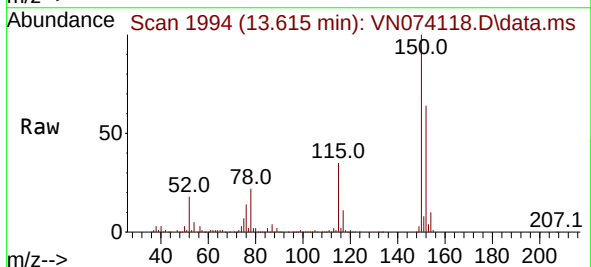
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-9

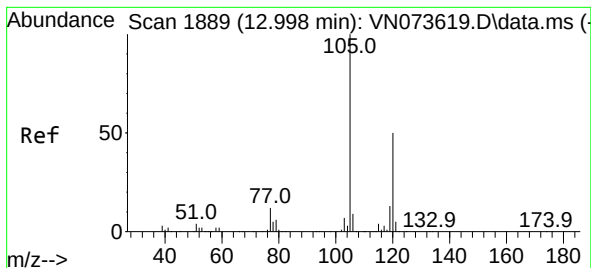
Tgt Ion:106 Resp: 23994
Ion Ratio Lower Upper
106 100
91 215.2 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074118.D
Acq: 25 Aug 2022 16:48

Tgt Ion:152 Resp: 373370
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 155.5 0.0 356.2





#80

1,3,5-Trimethylbenzene

Concen: 2.046 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN074118.D

Acq: 25 Aug 2022 16:48

Instrument :

MSVOA_N

ClientSampleId :

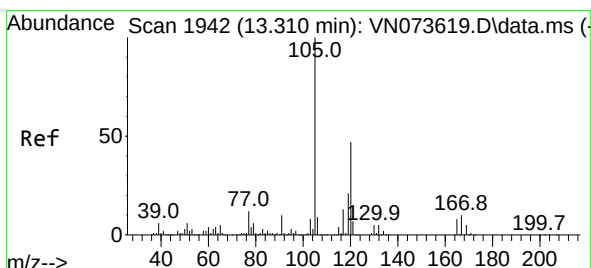
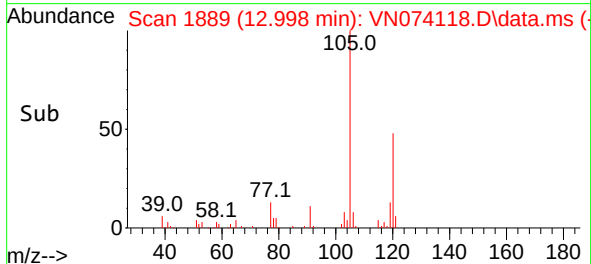
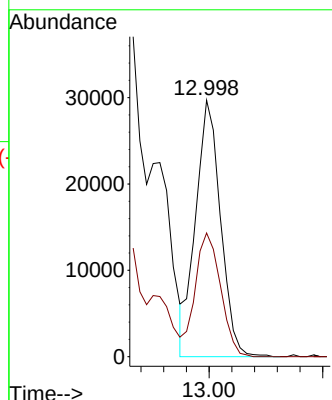
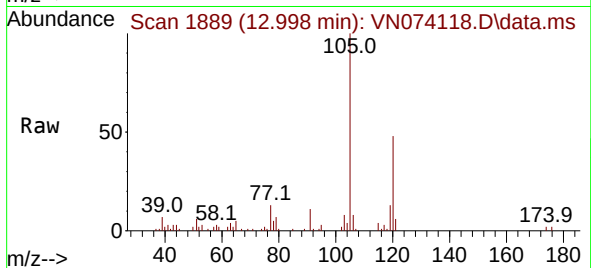
DRUM-1-9

Tgt Ion:105 Resp: 45236

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 8.827 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN074118.D

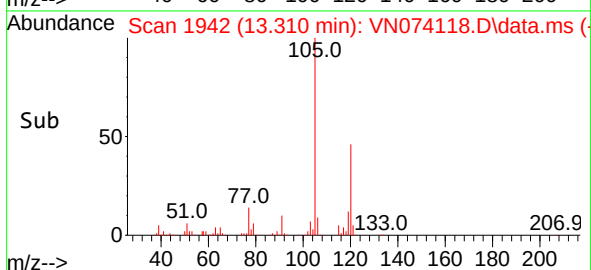
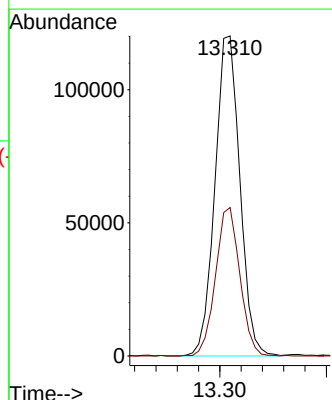
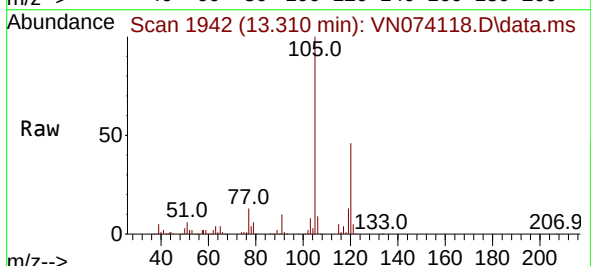
Acq: 25 Aug 2022 16:48

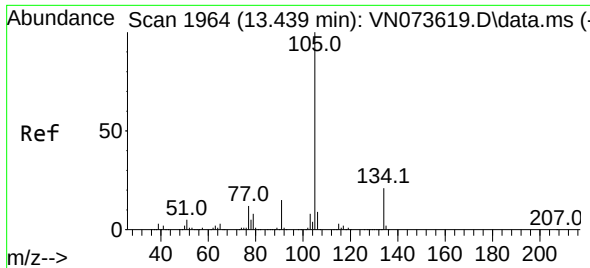
Tgt Ion:105 Resp: 194921

Ion Ratio Lower Upper

105 100

120 45.3 23.3 69.8

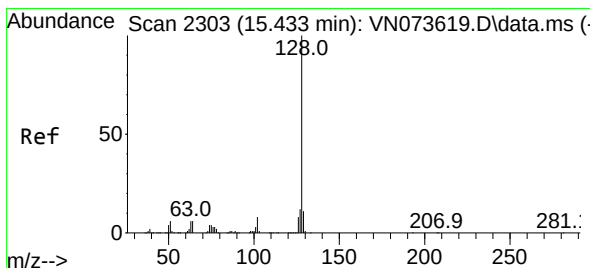
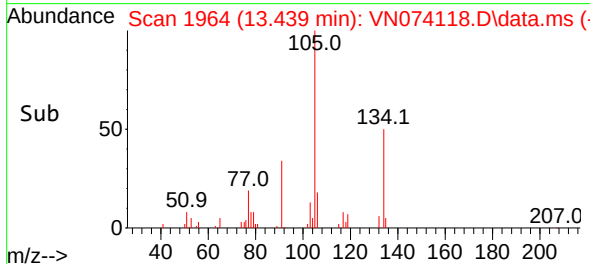
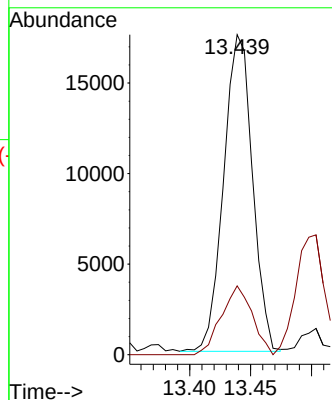
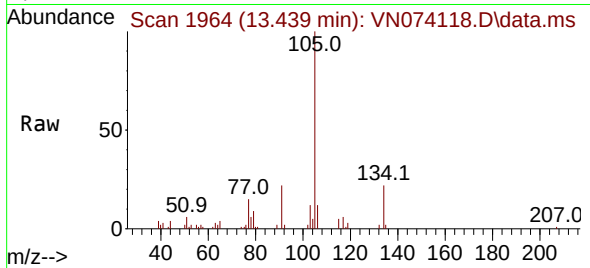




#85
 sec-Butylbenzene
 Concen: 1.093 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN074118.D
 Acq: 25 Aug 2022 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-9

Tgt Ion:105 Resp: 28822
 Ion Ratio Lower Upper
 105 100
 134 23.2 10.4 31.1



#95
 Naphthalene
 Concen: 4.906 ug/l
 RT: 15.433 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN074118.D
 Acq: 25 Aug 2022 16:48

Tgt Ion:128 Resp: 128291
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.3 15.5
 129 12.0 8.6 13.0

