

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063924.D
 Acq On : 7 Oct 2020 4:41
 Operator : JC/MD
 Sample : L4247-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-18(0-1)

Quant Time: Oct 07 06:07:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	412154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	433463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179635	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	197876	52.83	ug/l	0.00
Spiked Amount			Recovery	=	105.66%	
35) Dibromofluoromethane	7.55	113	143925	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
50) Toluene-d8	10.06	98	544967	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.38	95	208867	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	

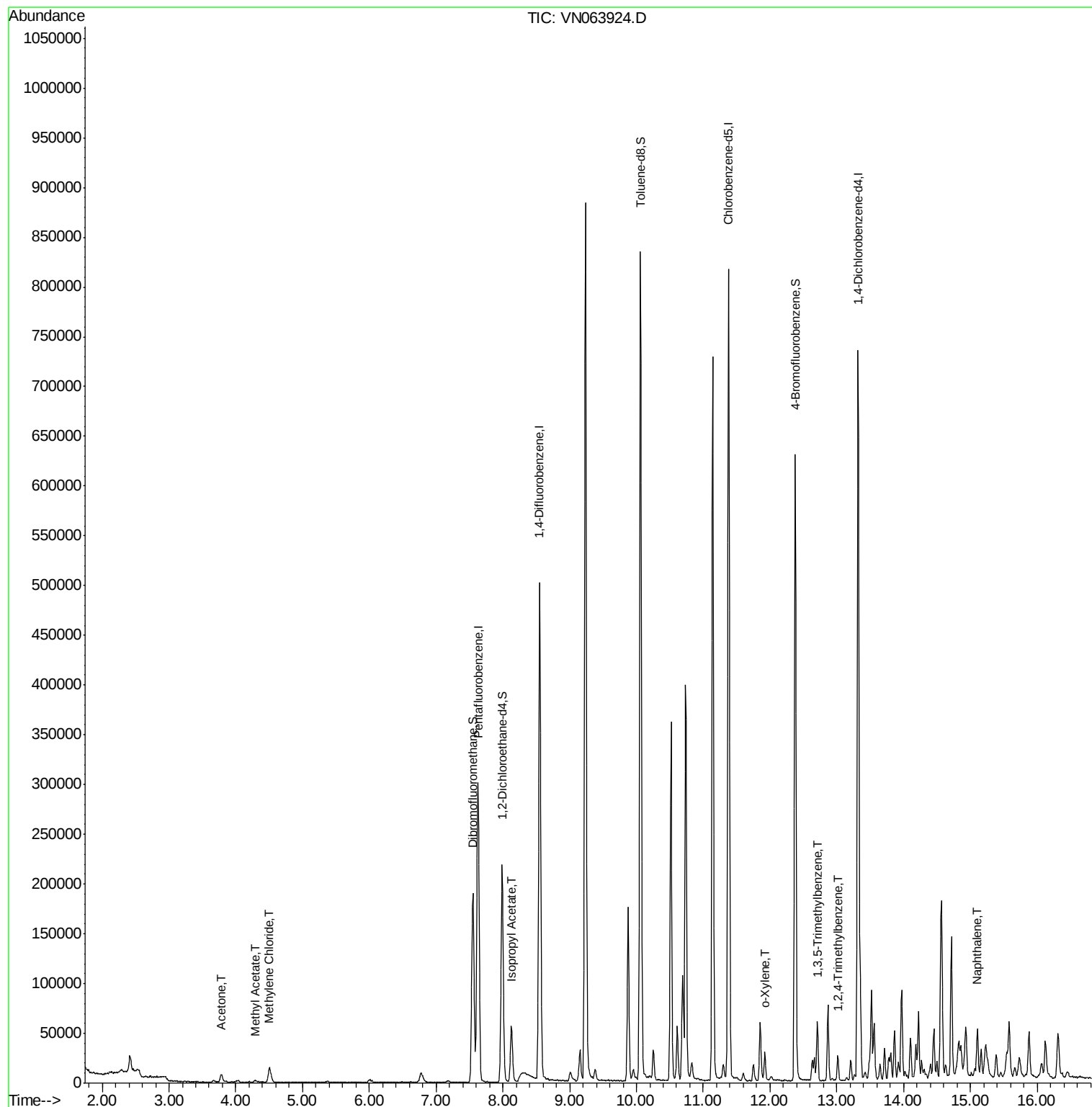
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	14581	12.647	ug/l	99
18) Methyl Acetate	4.28	43	3183	1.063	ug/l #	68
20) Methylene Chloride	4.51	84	10282	3.984	ug/l	97
43) Isopropyl Acetate	8.13	43	71016	10.378	ug/l	97
69) o-Xylene	11.92	106	5926	1.051	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	30143	2.742	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	12741	1.161	ug/l	98
95) Naphthalene	15.11	128	40566	5.949	ug/l	99

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

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ClientSampled :
B-18(0-1)

Quant Time: Oct 07 06:07:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampled :

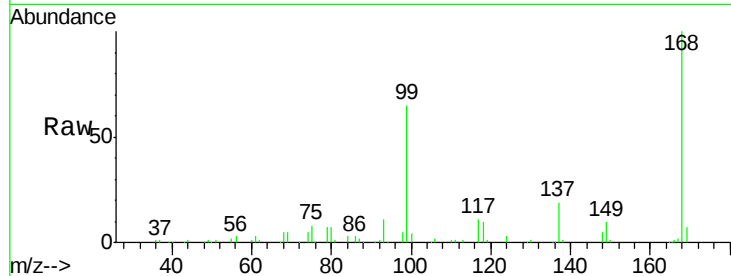
B-18(0-1)

Tot Ion:168 Resp: 226696

Ion Ratio Lower Upper

168 100

99 64.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

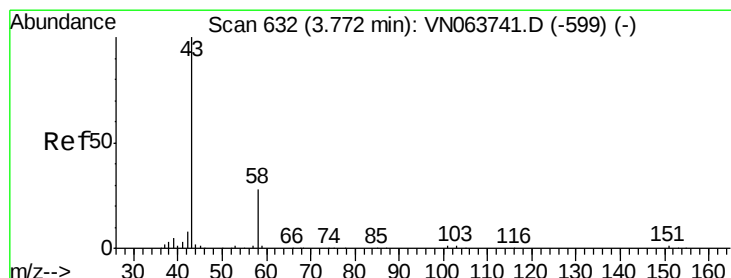
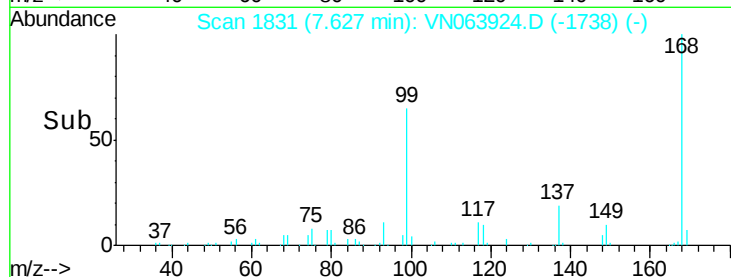
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 12.647 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063924.D

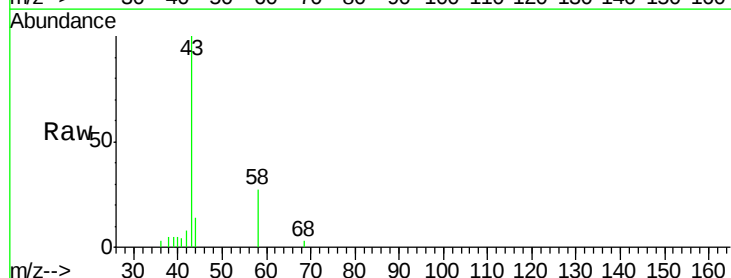
Acq: 7 Oct 2020 4:41

Tgt Ion: 43 Resp: 14581

Ion Ratio Lower Upper

43 100

58 27.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

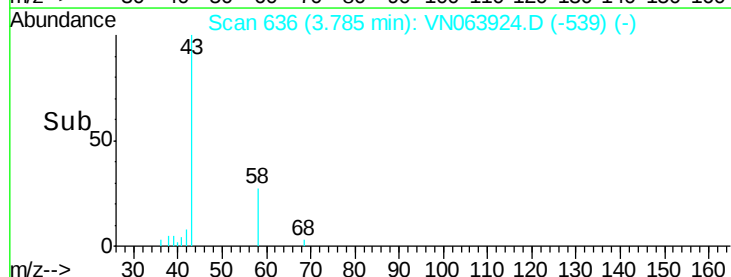
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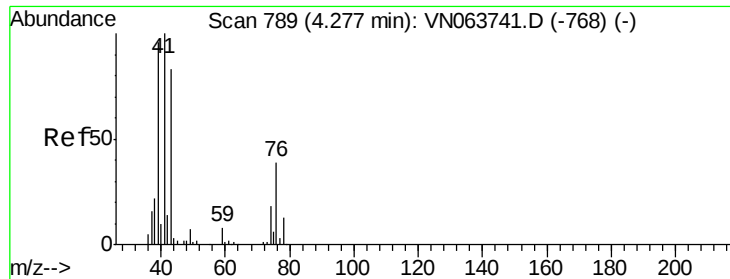
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Time-->

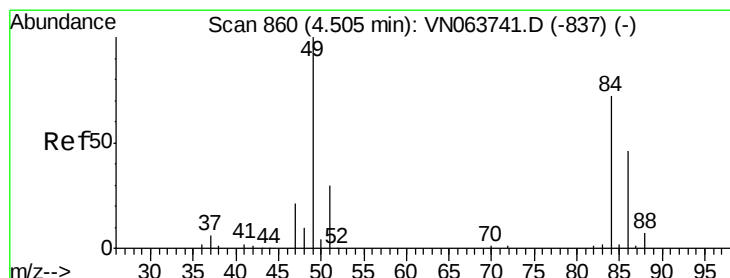
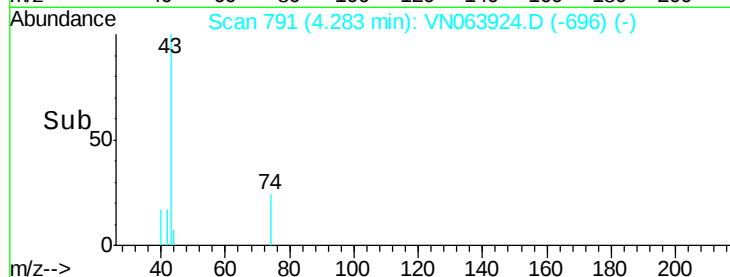
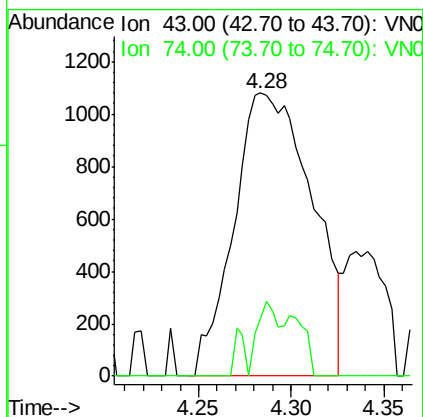
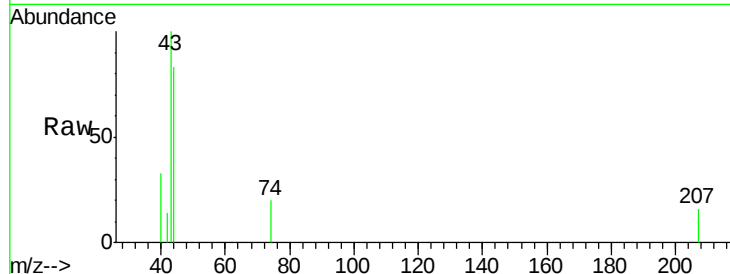




#18
Methyl Acetate
Concen: 1.063 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

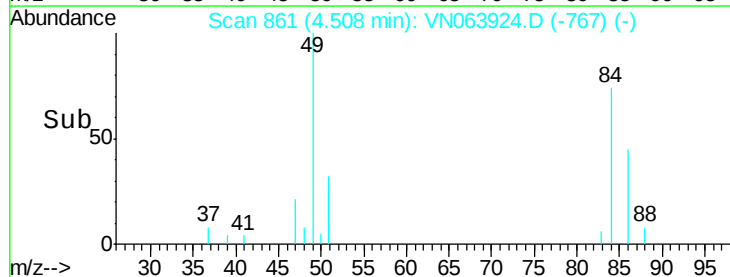
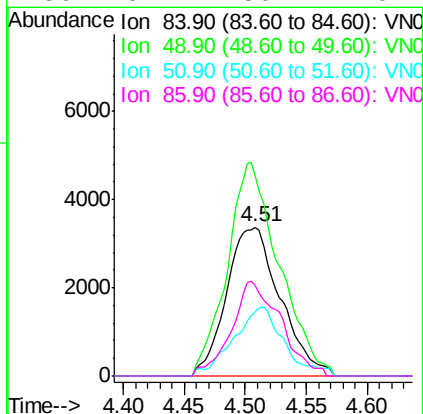
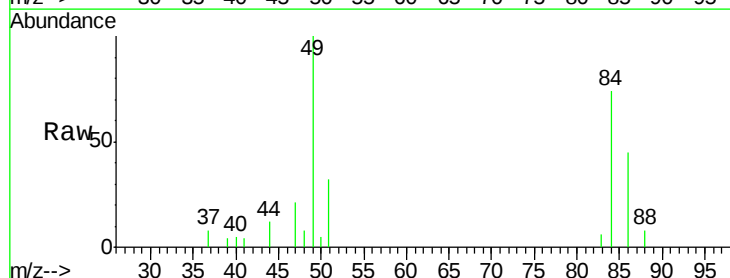
Instrument :
MSVOA_N
ClientSampled :
B-18(0-1)

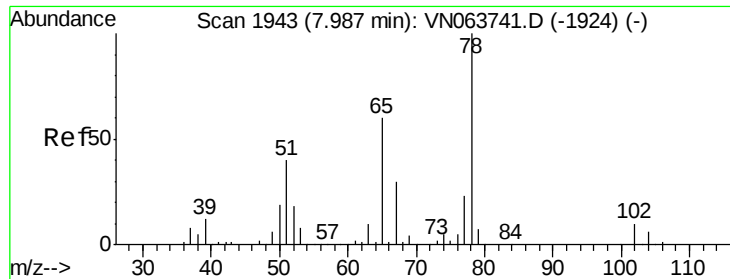
Tot Ion: 43 Resp: 3183
Ion Ratio Lower Upper
43 100
74 6.7 17.4 26.2#



#20
Methylene Chloride
Concen: 3.984 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

Tgt Ion: 84 Resp: 10282
Ion Ratio Lower Upper
84 100
49 134.8 110.4 165.6
51 42.7 33.3 49.9
86 61.1 50.7 76.1

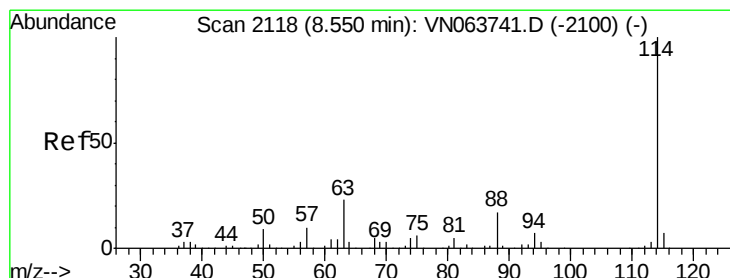
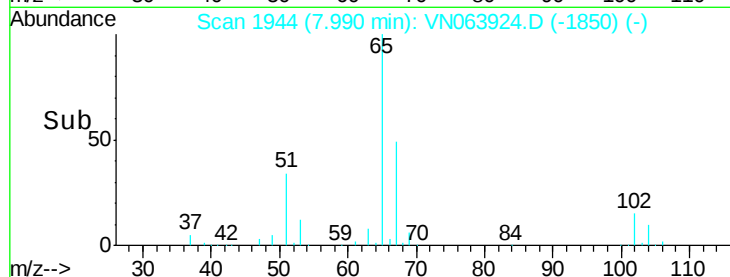
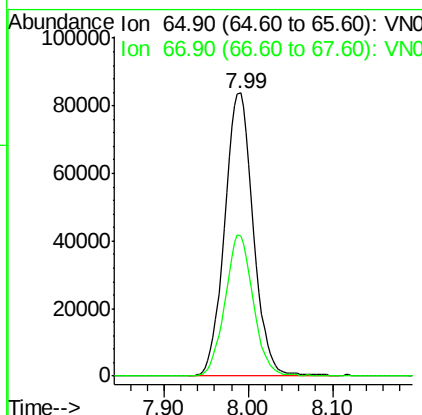
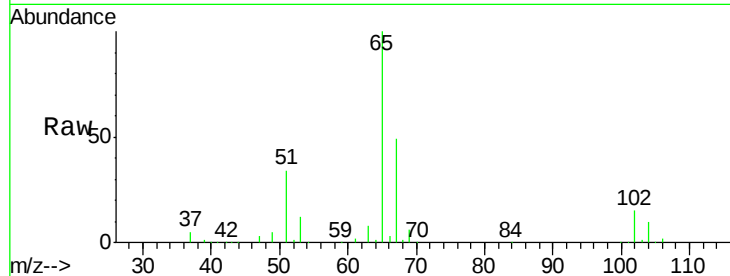




#33
 1,2-Dichloroethane-d4
 Concen: 52.835 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063924.D
 Acq: 7 Oct 2020 4:41

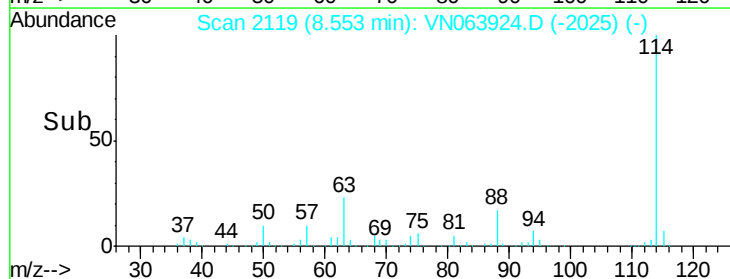
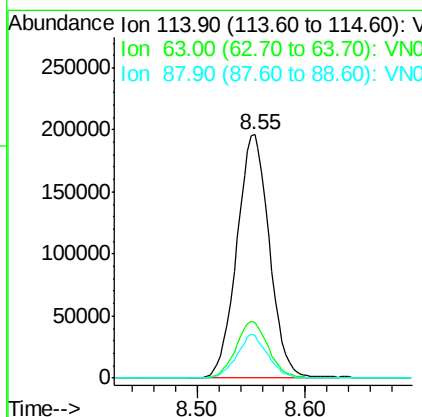
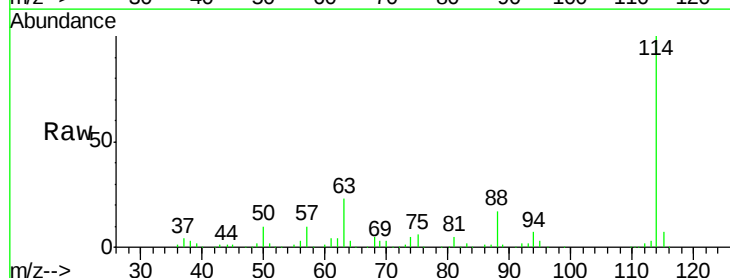
Instrument :
 MSVOA_N
 ClientSampleId :
 B-18(0-1)

Tot Ion: 65 Resp: 197876
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063924.D
 Acq: 7 Oct 2020 4:41

Tgt Ion: 114 Resp: 412154
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 17.3 0.0 34.0

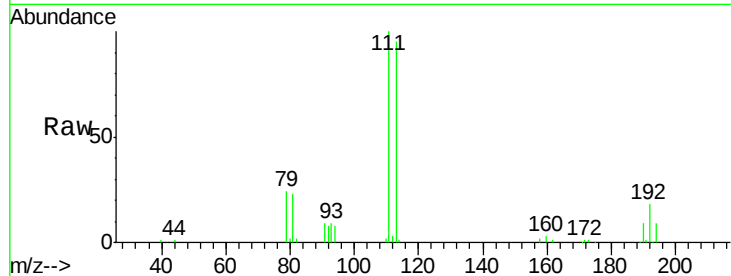




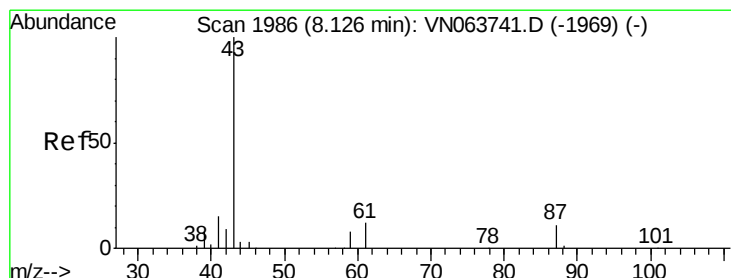
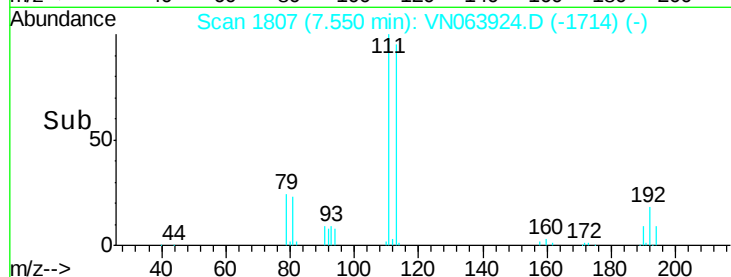
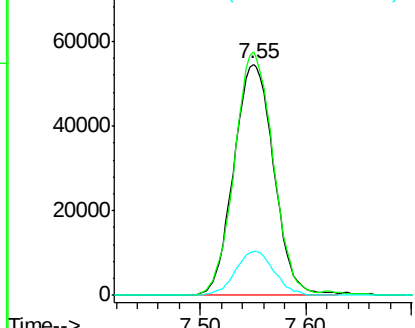
#35
Dibromofluoromethane
Concen: 50.326 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

Instrument :
MSVOA_N
ClientSampled :
B-18(0-1)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	18.5	14.2	21.2

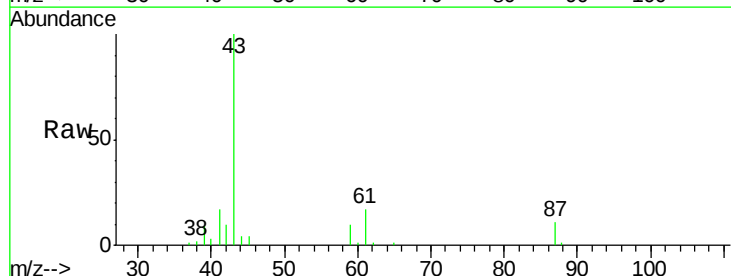


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

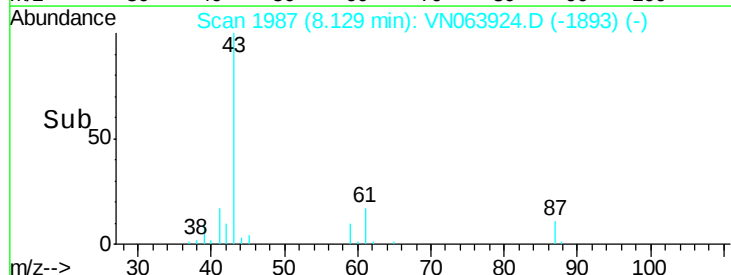
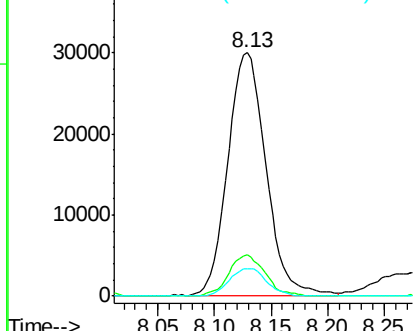


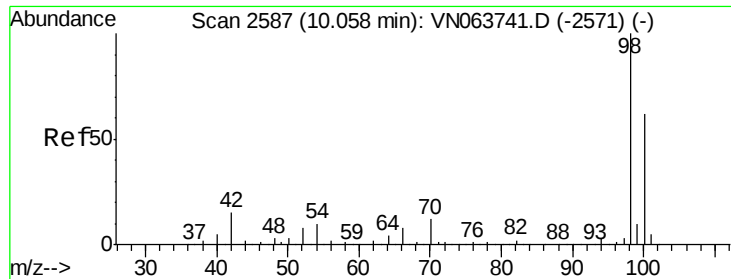
#43
Isopropyl Acetate
Concen: 10.378 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.1	14.2	21.4
87	11.1	9.0	13.6



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

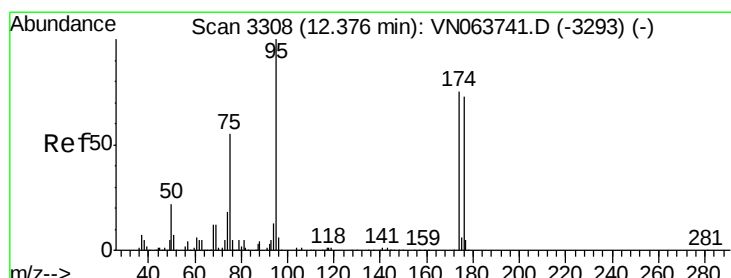
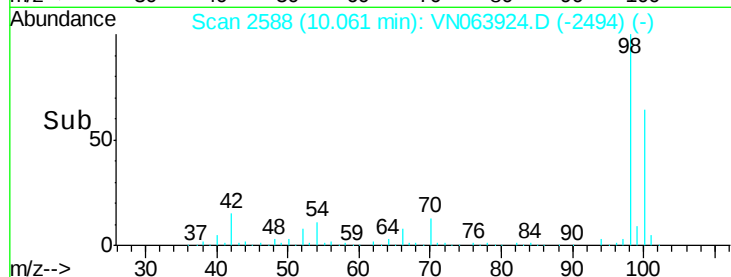
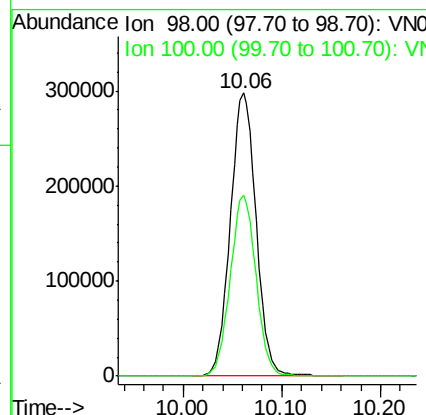
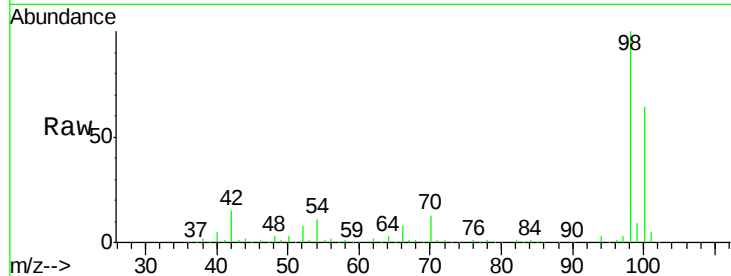




#50
Toluene-d8
Concen: 50.267 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

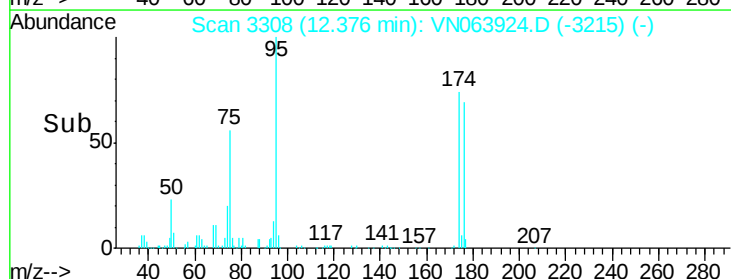
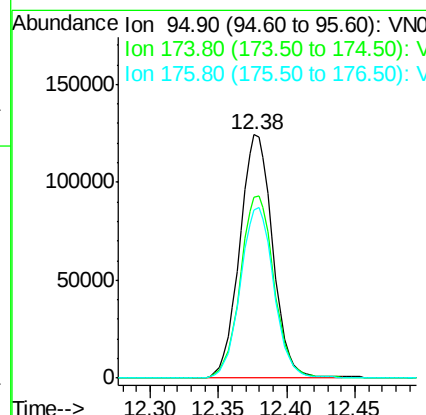
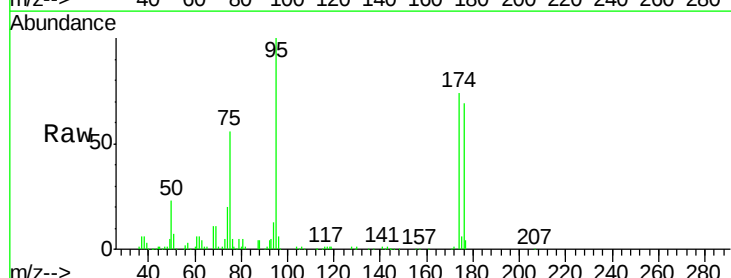
Instrument :
MSVOA_N
ClientSampleId :
B-18(0-1)

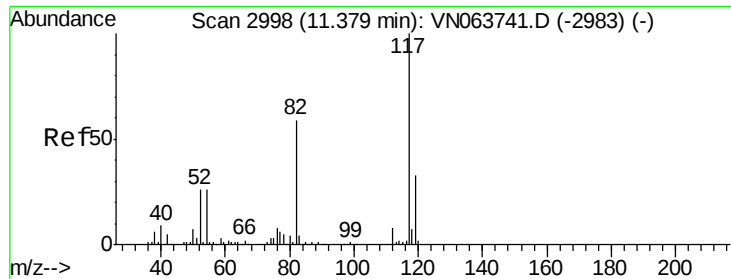
Tot Ion: 98 Resp: 544967
Ion Ratio Lower Upper
98 100
100 63.9 49.8 74.6



#62
4-Bromofluorobenzene
Concen: 51.251 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

Tgt Ion: 95 Resp: 208867
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.6
176 71.2 0.0 145.4

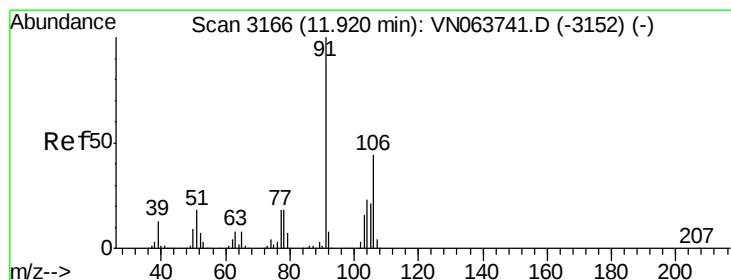
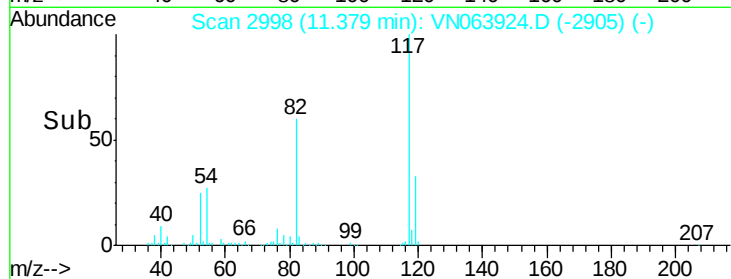
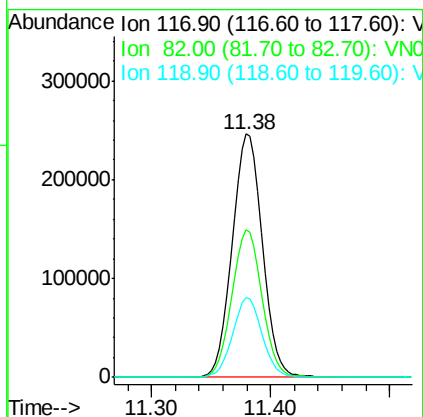
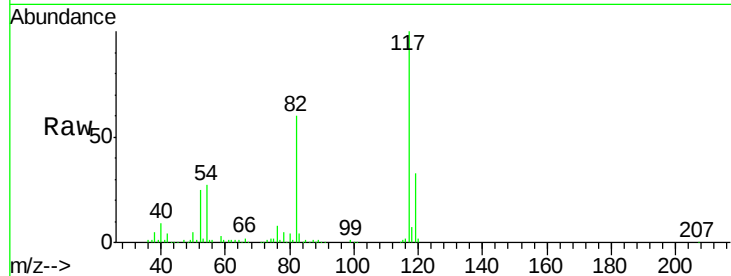




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

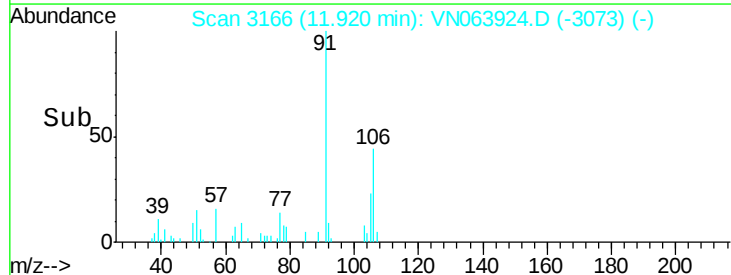
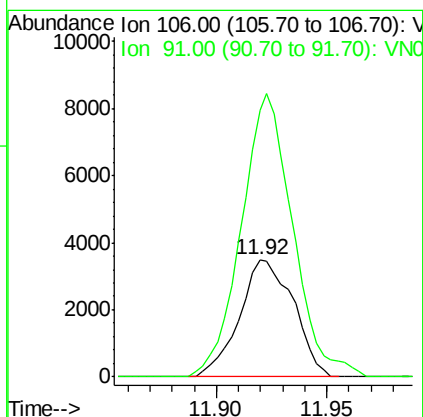
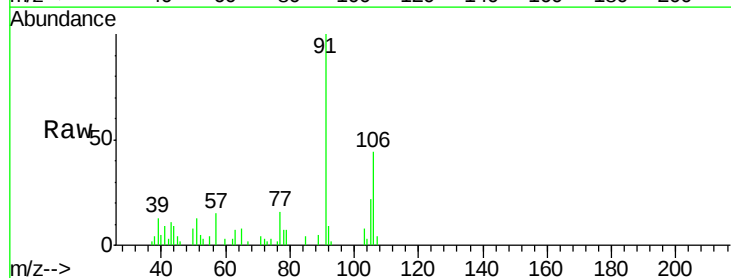
Instrument :
MSVOA_N
ClientSampleId :
B-18(0-1)

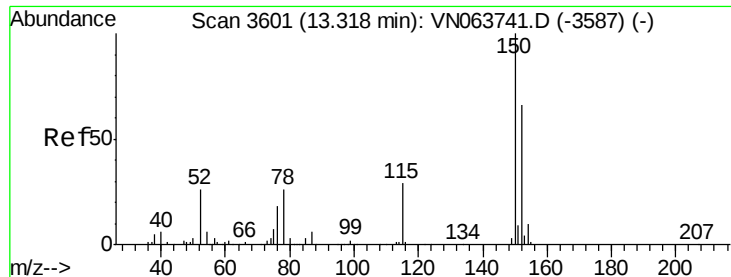
Tot Ion:117 Resp: 433463
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 32.5 26.4 39.6



#69
o-Xylene
Concen: 1.051 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

Tgt Ion:106 Resp: 5926
Ion Ratio Lower Upper
106 100
91 230.9 112.7 338.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampled :

B-18(0-1)

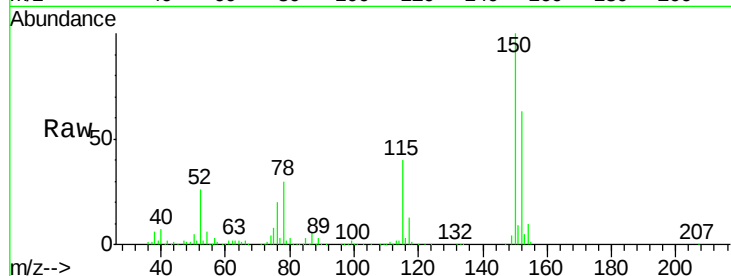
Tot Ion:152 Resp: 179635

Ion Ratio Lower Upper

152 100

115 64.1 31.3 93.8

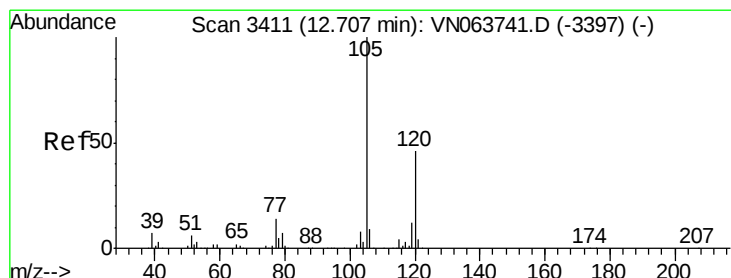
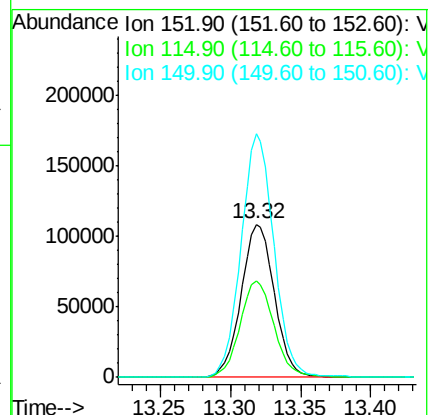
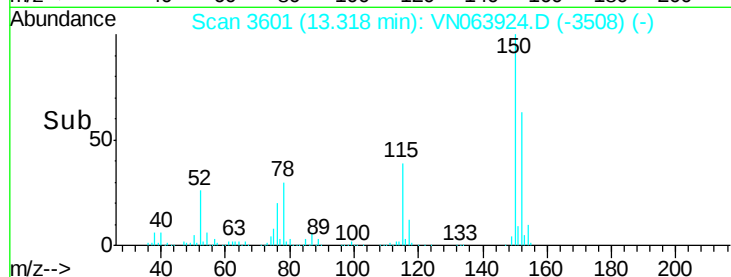
150 157.3 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.742 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063924.D

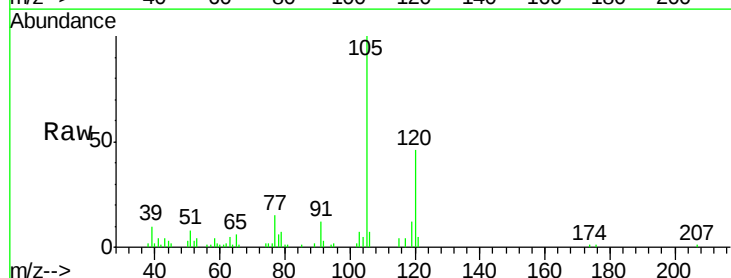
Acq: 7 Oct 2020 4:41

Tgt Ion:105 Resp: 30143

Ion Ratio Lower Upper

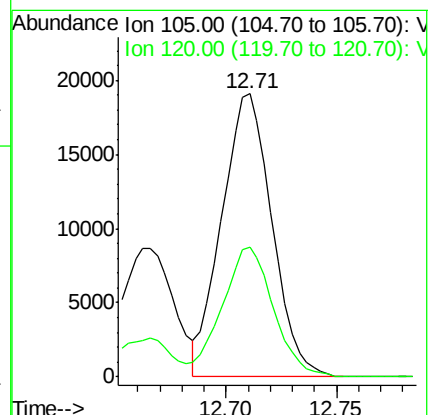
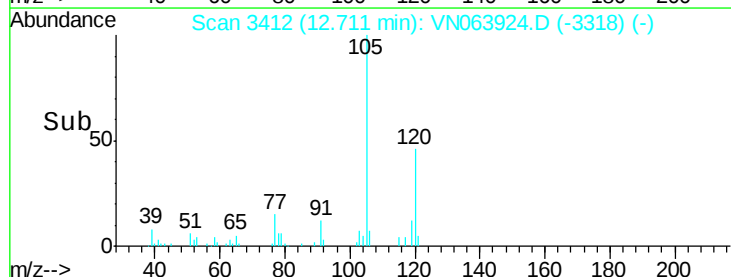
105 100

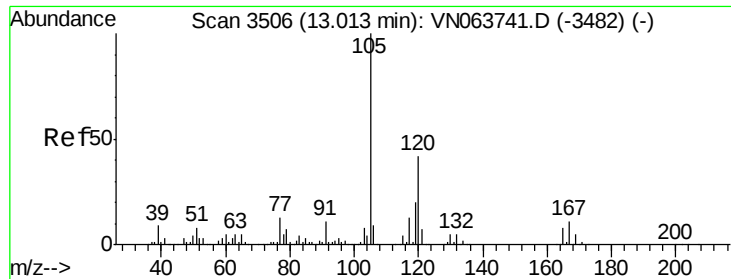
120 47.2 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

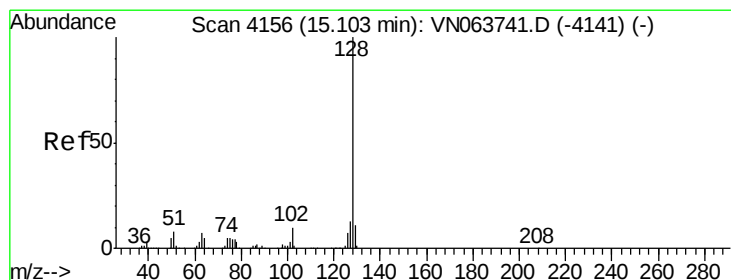
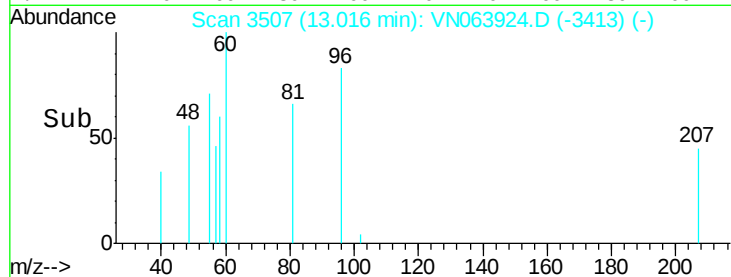
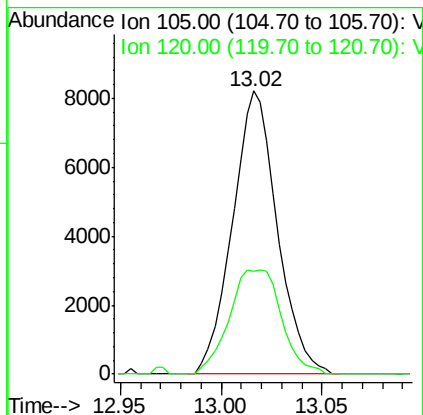
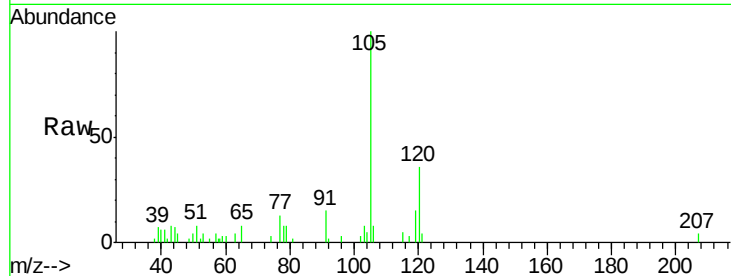




#84
 1,2,4-Trimethylbenzene
 Concen: 1.161 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063924.D
 Acq: 7 Oct 2020 4:41

Instrument :
 MSVOA_N
 ClientSampleId :
 B-18(0-1)

Tot Ion:105 Resp: 12741
 Ion Ratio Lower Upper
 105 100
 120 42.9 20.9 62.7



#95
 Naphthalene
 Concen: 5.949 ug/l
 RT: 15.11 min Scan# 4157
 Delta R.T. 0.00 min
 Lab File: VN063924.D
 Acq: 7 Oct 2020 4:41

Tgt Ion:128 Resp: 40566
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.5 15.7
 129 11.0 8.7 13.1

