

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063101.D
 Acq On : 24 Aug 2020 17:29
 Operator : JC/MD
 Sample : L3773-03
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Aug 25 01:56:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	143036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	243280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	236117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111898	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	95613	56.40	ug/l	0.00
Spiked Amount			Recovery	=	112.80%	
35) Dibromofluoromethane	7.54	113	79183	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
50) Toluene-d8	10.06	98	300291	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.38	95	106447	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	

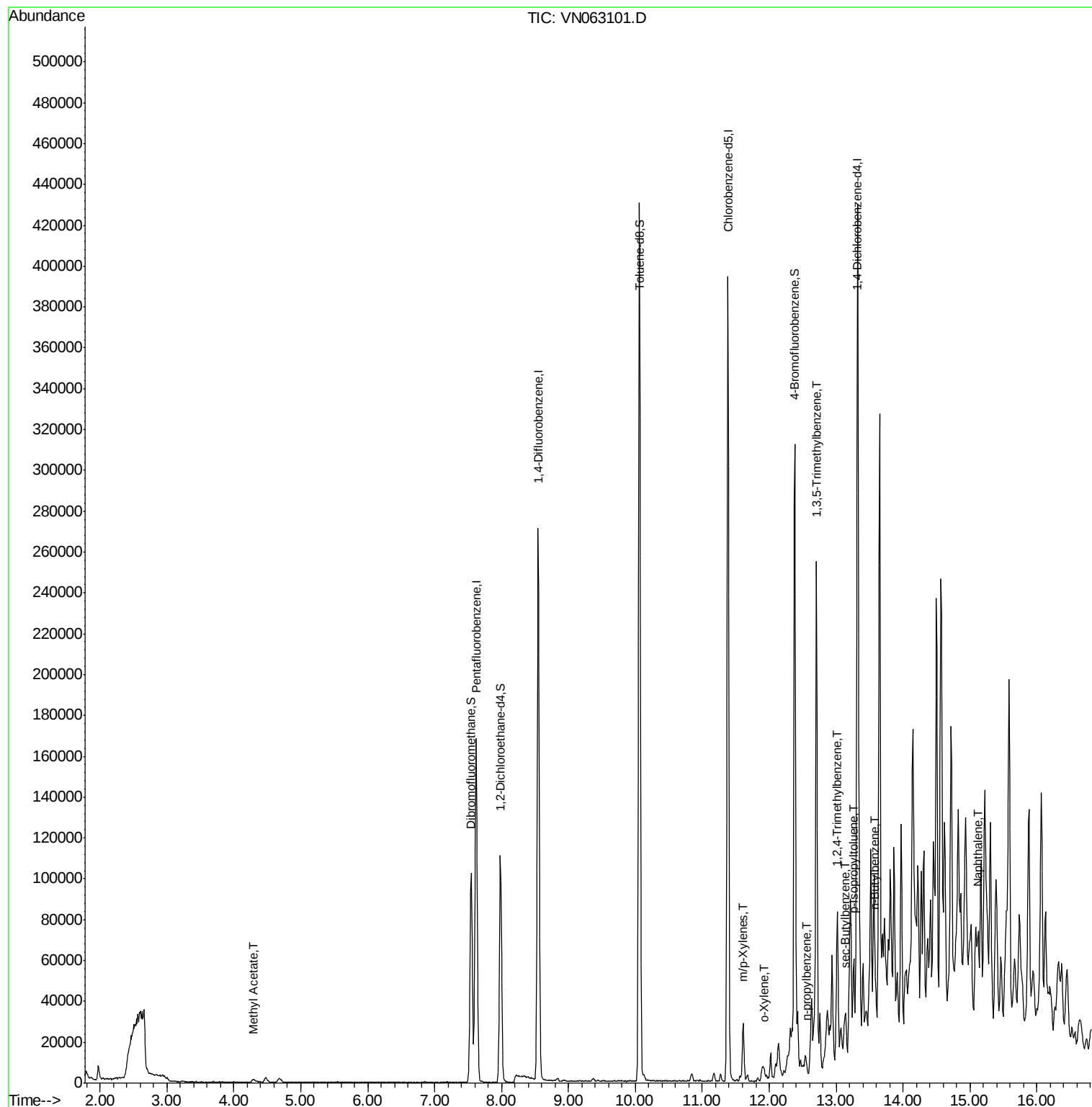
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.29	43	3013	1.788	ug/l #	67
68) m/p-Xylenes	11.60	106	792	0.266	ug/l	88
69) o-Xylene	11.92	106	1080	0.378	ug/l	95
78) n-propylbenzene	12.57	91	2613	0.299	ug/l	86
80) 1,3,5-Trimethylbenzene	12.71	105	14589	2.303	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	36698	5.947	ug/l	98
85) sec-Butylbenzene	13.15	105	5168	0.699	ug/l	99
86) p-Isopropyltoluene	13.27	119	5440	0.845	ug/l	97
89) n-Butylbenzene	13.59	91	7642	3.954	ug/l #	57
95) Naphthalene	15.11	128	7428	7.118	ug/l #	87

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

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Sample : L3773-03
Misc : 1.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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Quant Time: Aug 25 01:56:15 2020
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Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN063101.D

Acq: 24 Aug 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

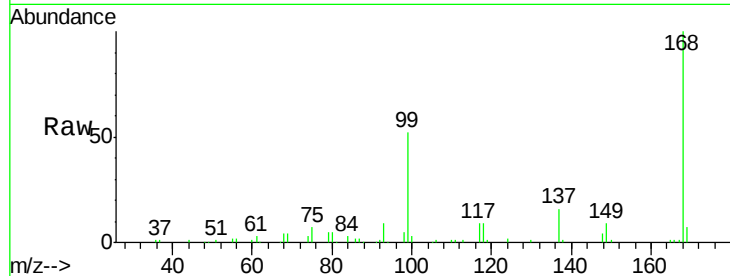
OILY-DEBRIS

Tot Ion:168 Resp: 143036

Ion Ratio Lower Upper

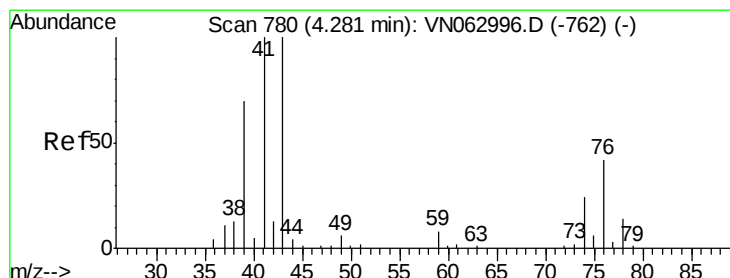
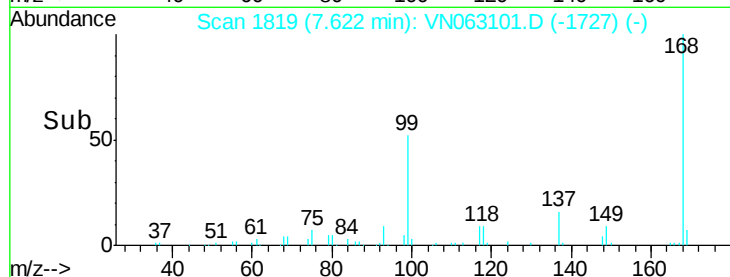
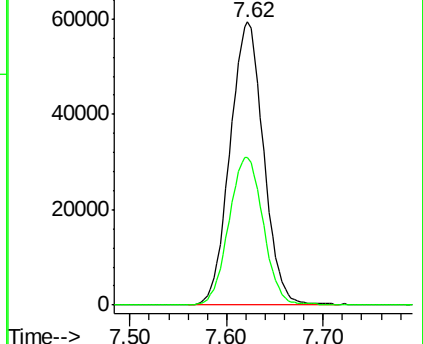
168 100

99 52.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 1.788 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN063101.D

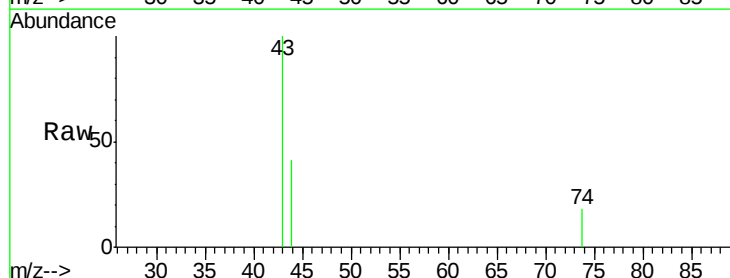
Acq: 24 Aug 2020 17:29

Tgt Ion: 43 Resp: 3013

Ion Ratio Lower Upper

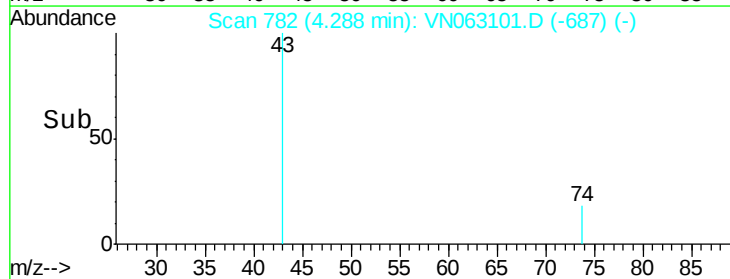
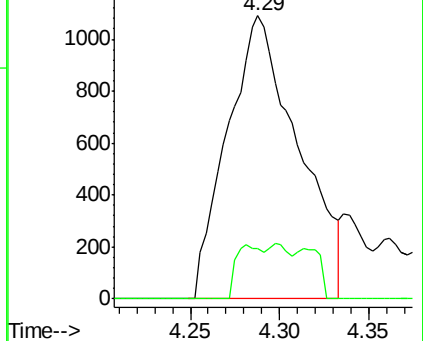
43 100

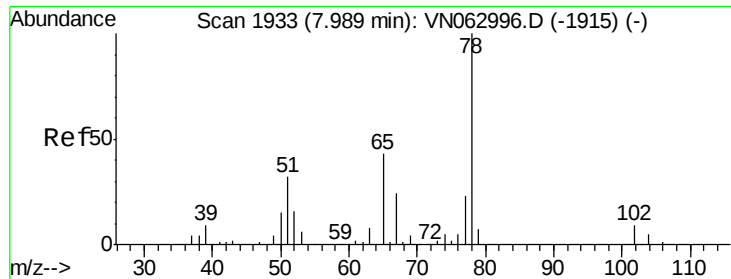
74 7.2 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

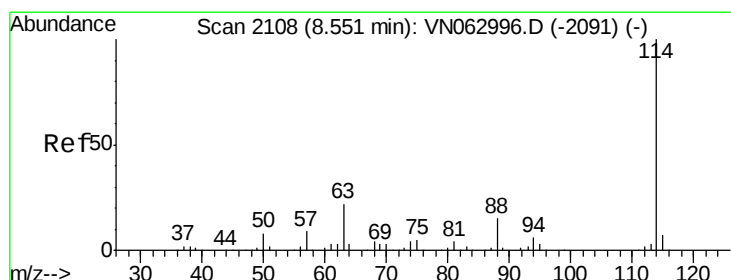
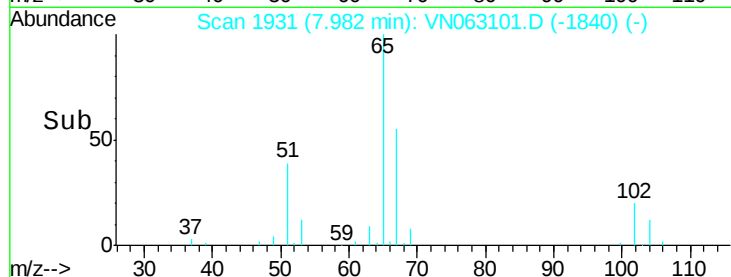
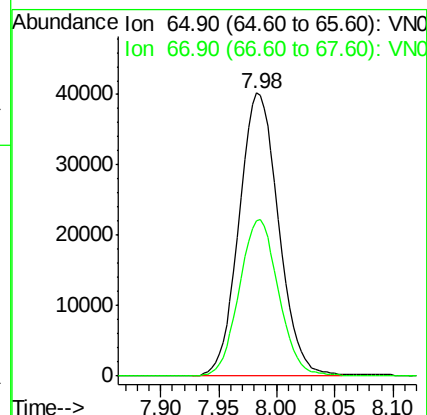
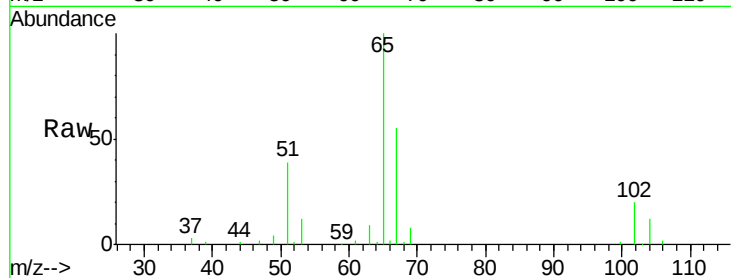




#33
 1,2-Dichloroethane-d4
 Concen: 56.401 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN063101.D
 Acq: 24 Aug 2020 17:29

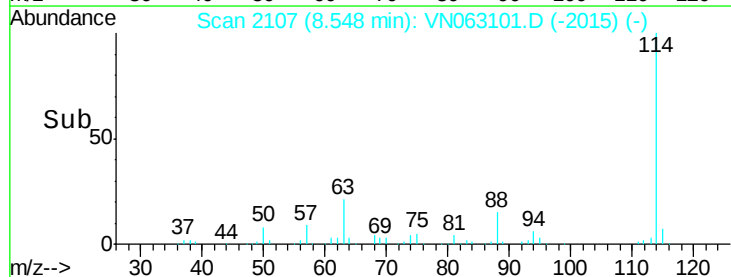
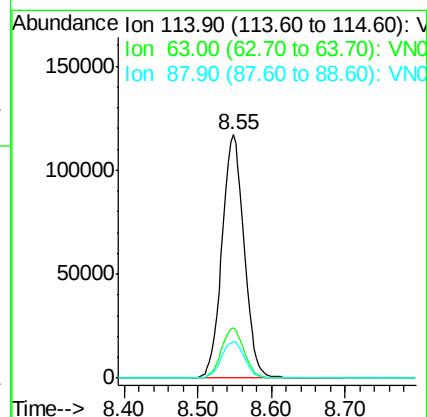
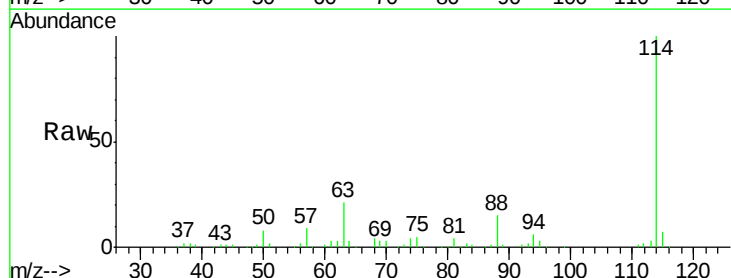
Instrument :
 MSVOA_N
 ClientSampleId :
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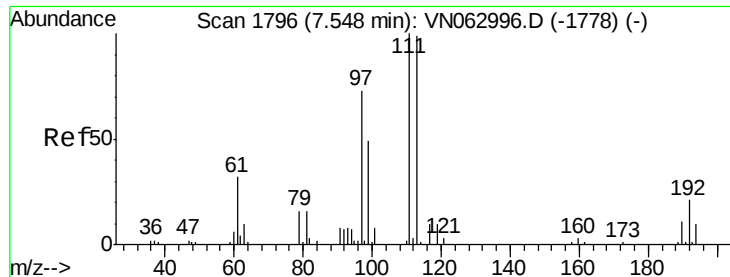
Tot Ion: 65 Resp: 95613
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063101.D
 Acq: 24 Aug 2020 17:29

Tgt Ion: 114 Resp: 243280
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 15.1 0.0 30.6

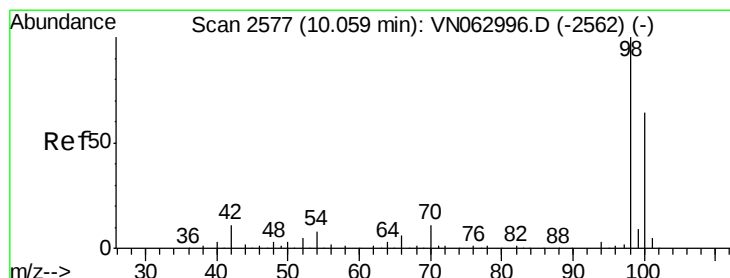
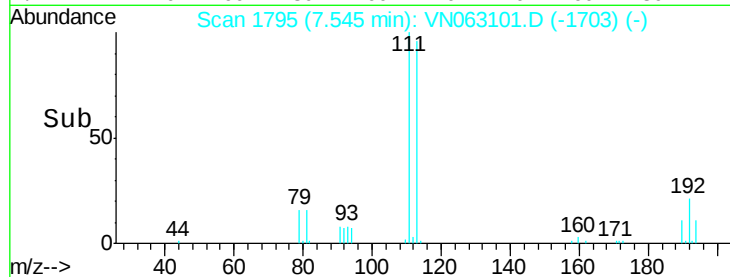
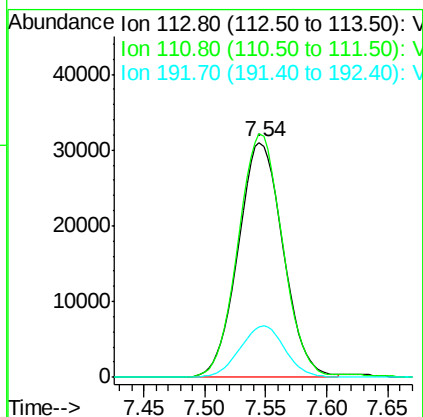
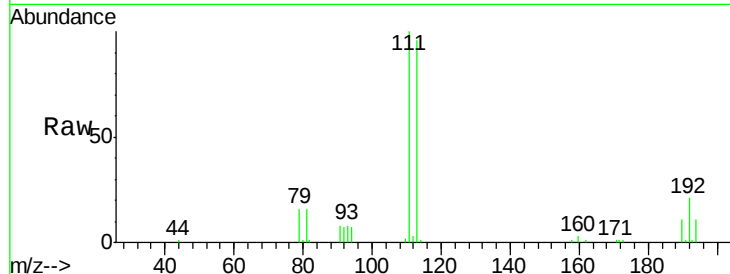




#35
 Dibromofluoromethane
 Concen: 49.951 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN063101.D
 Acq: 24 Aug 2020 17:29

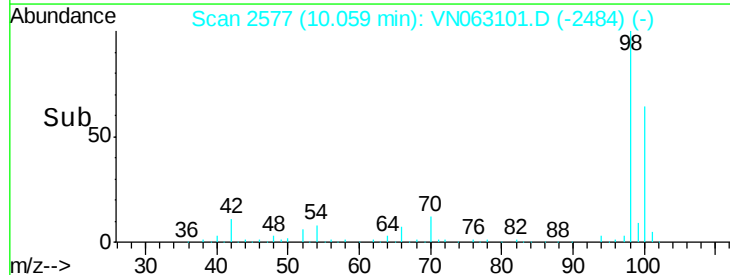
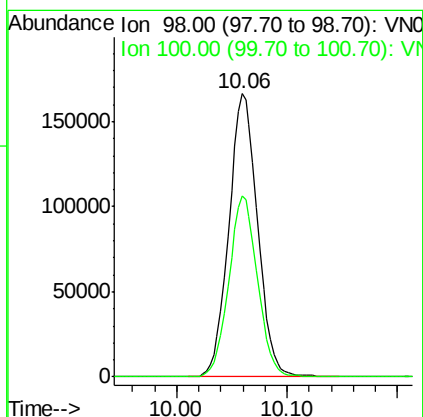
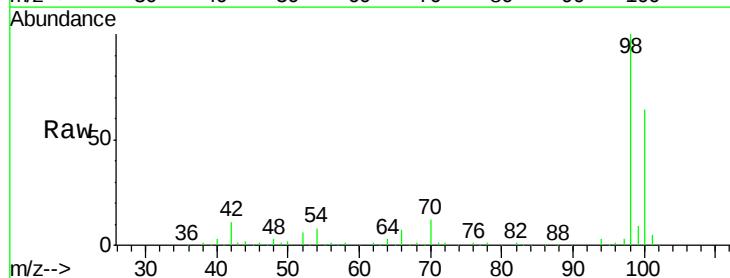
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

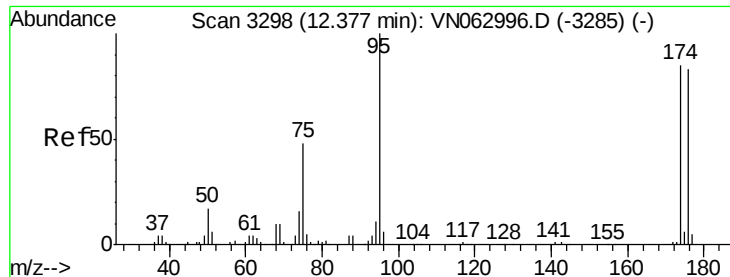
Tot Ion:113 Resp: 79183
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.7 122.5
 192 21.7 17.5 26.3



#50
 Toluene-d8
 Concen: 49.318 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN063101.D
 Acq: 24 Aug 2020 17:29

Tgt Ion: 98 Resp: 300291
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 49.541 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.00 min

Lab File: VN063101.D

Acq: 24 Aug 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

OILY-DEBRIS

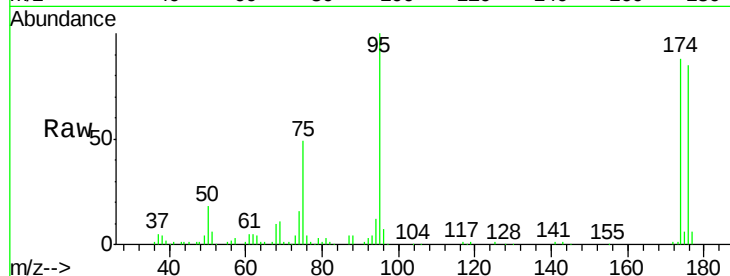
Tot Ion: 95 Resp: 106447

Ion Ratio Lower Upper

95 100

174 87.2 0.0 170.8

176 84.6 0.0 164.8

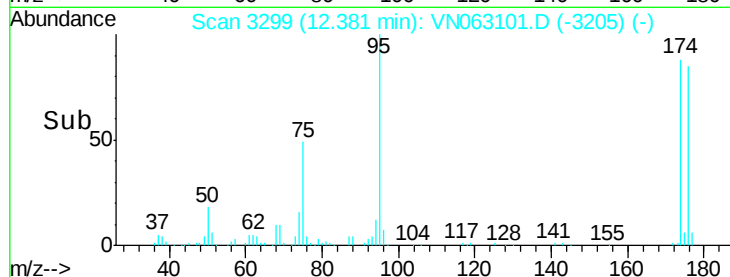


Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)

Time-->

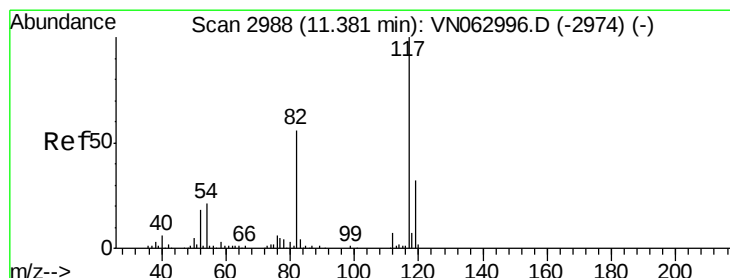


Abundance Ion 94.90 (94.60 to 95.60): VN063101.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN063101.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN063101.D (-3205) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063101.D

Acq: 24 Aug 2020 17:29

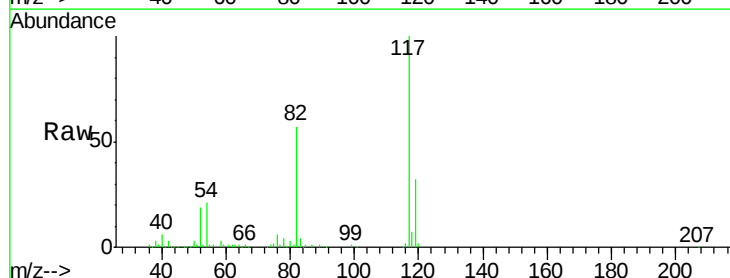
Tgt Ion: 117 Resp: 236117

Ion Ratio Lower Upper

117 100

82 56.5 44.5 66.7

119 31.6 25.5 38.3

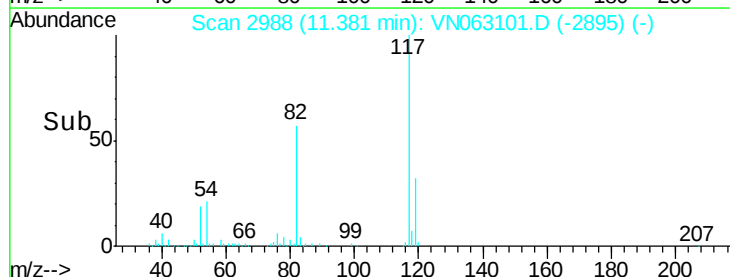


Abundance Ion 116.90 (116.60 to 117.60): VN062996.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062996.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062996.D (-2974) (-)

Time-->

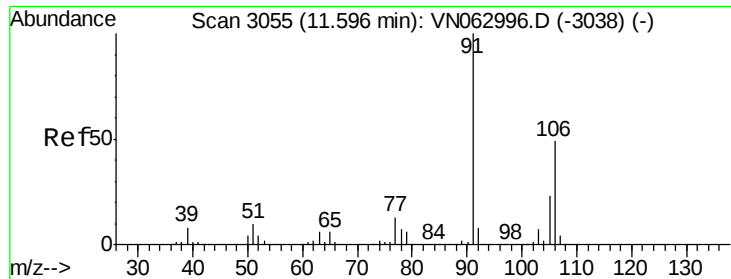


Abundance Ion 116.90 (116.60 to 117.60): VN063101.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN063101.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN063101.D (-2895) (-)

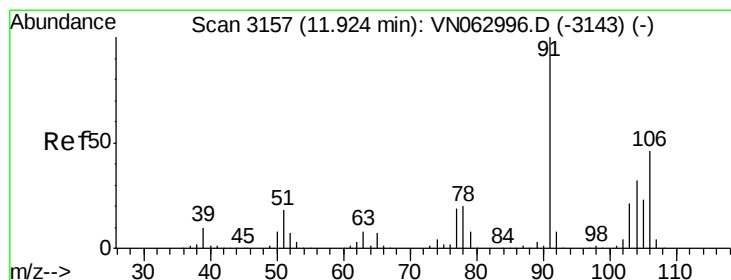
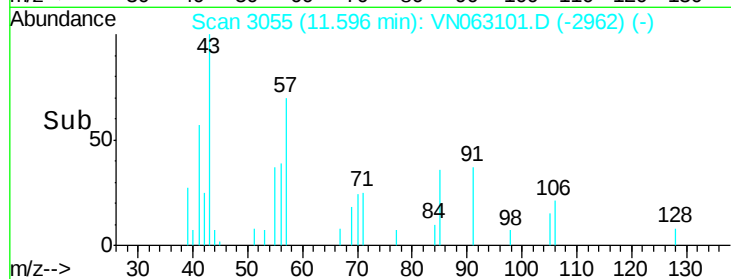
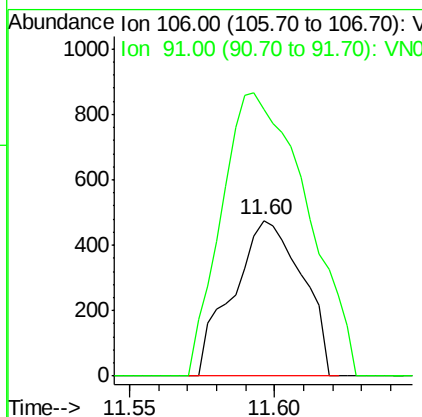
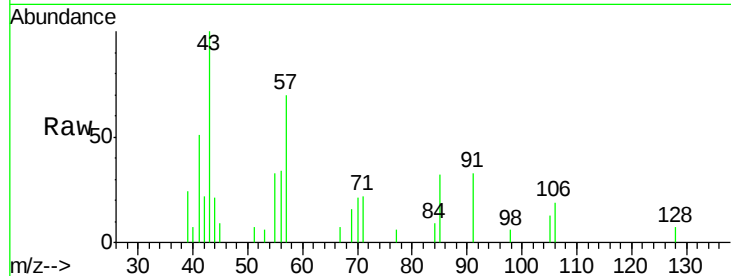
Time-->



#68
m/p-Xylenes
Concen: 0.266 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063101.D
Acq: 24 Aug 2020 17:29

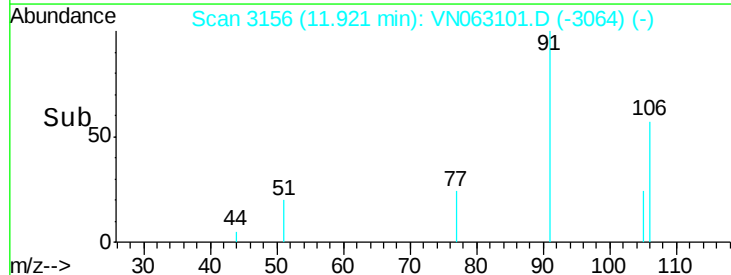
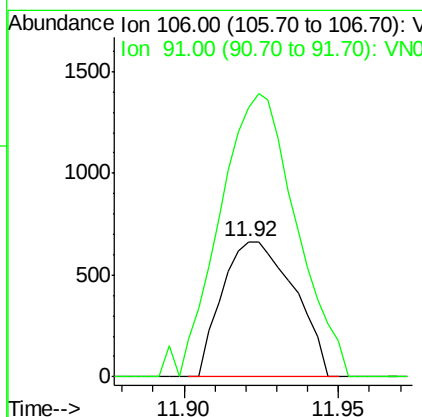
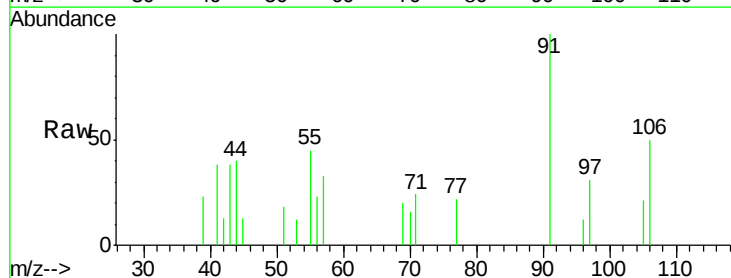
Instrument :
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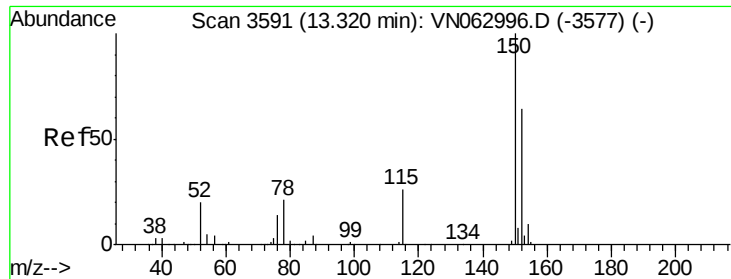
Tot Ion:106 Resp: 792
Ion Ratio Lower Upper
106 100
91 222.7 163.0 244.4



#69
o-Xylene
Concen: 0.378 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN063101.D
Acq: 24 Aug 2020 17:29

Tgt Ion:106 Resp: 1080
Ion Ratio Lower Upper
106 100
91 222.1 107.3 321.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063101.D

Acq: 24 Aug 2020 17:29

Instrument :

MSVOA_N

ClientSampleId :

OILY-DEBRIS

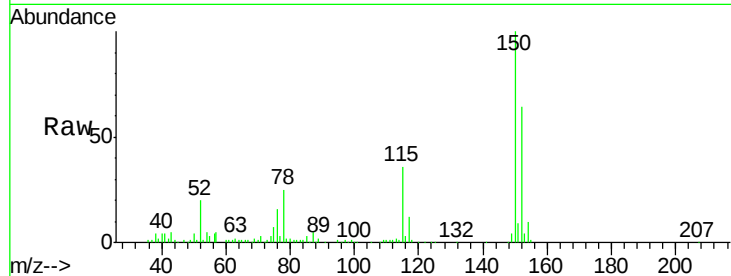
Tot Ion:152 Resp: 111898

Ion Ratio Lower Upper

152 100

115 56.9 28.7 86.3

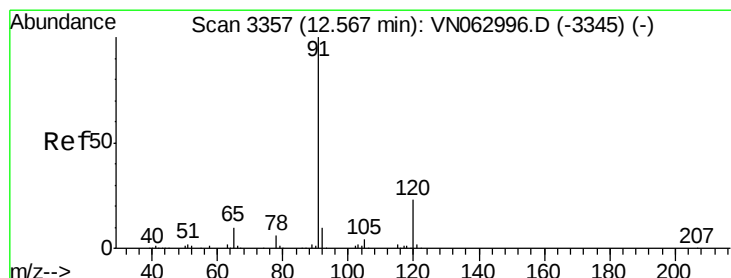
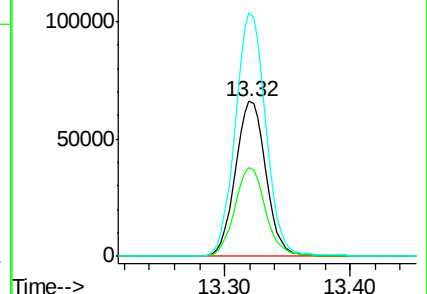
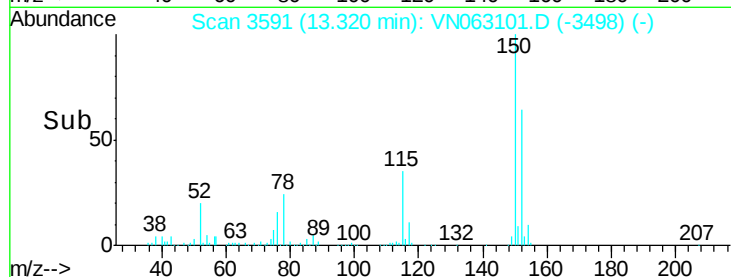
150 156.1 0.0 348.8



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



#78

n-propylbenzene

Concen: 0.299 ug/l

RT: 12.57 min Scan# 3358

Delta R.T. 0.00 min

Lab File: VN063101.D

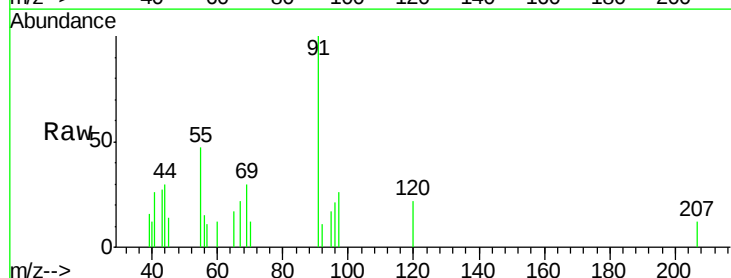
Acq: 24 Aug 2020 17:29

Tgt Ion: 91 Resp: 2613

Ion Ratio Lower Upper

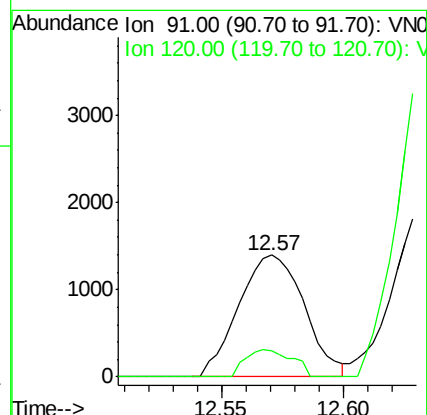
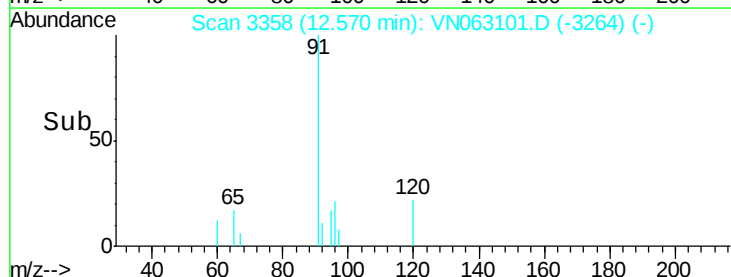
91 100

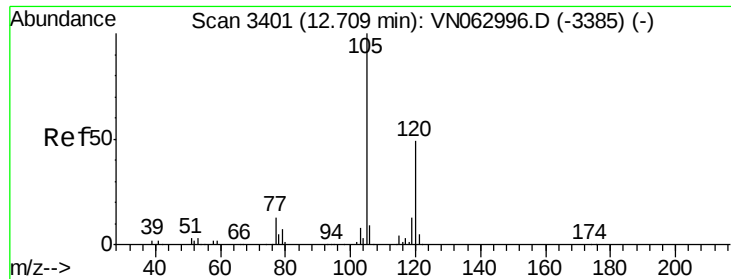
120 15.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

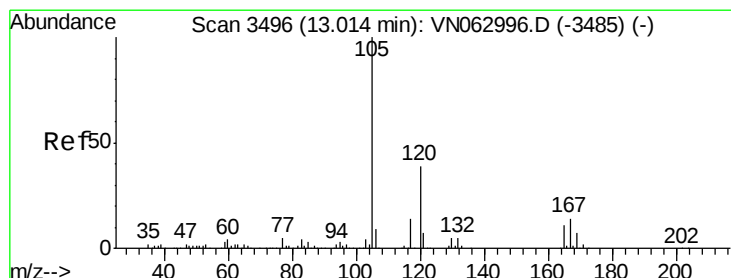
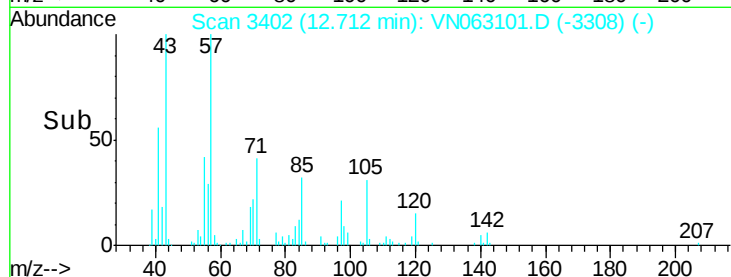
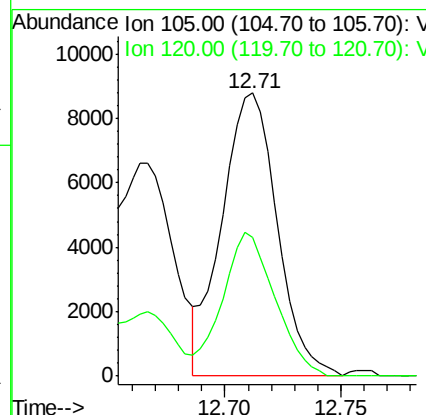
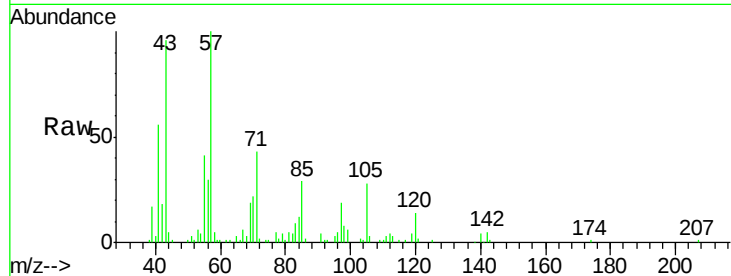




#80
 1,3,5-Trimethylbenzene
 Concen: 2.303 ug/l
 RT: 12.71 min Scan# 3402
 Delta R.T. 0.00 min
 Lab File: VN063101.D
 Acq: 24 Aug 2020 17:29

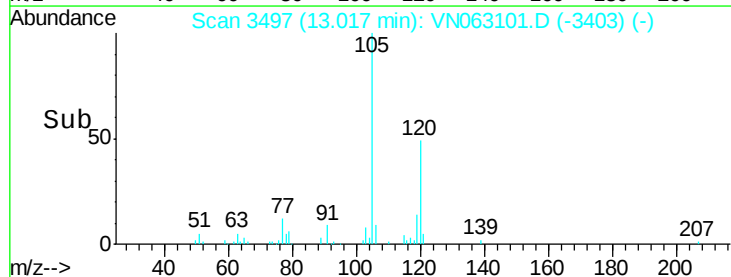
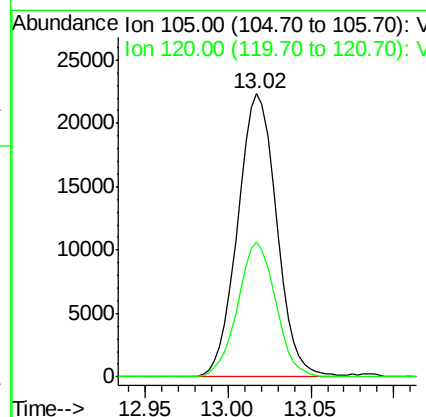
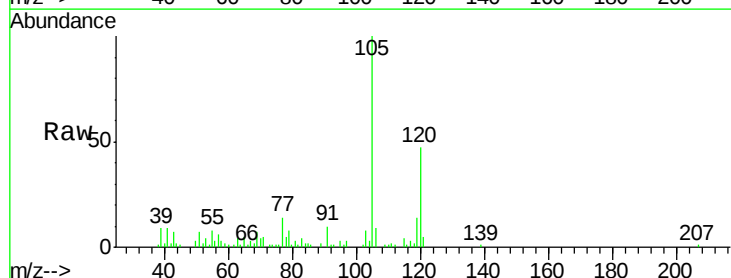
Instrument :
 MSVOA_N
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 OILY-DEBRIS

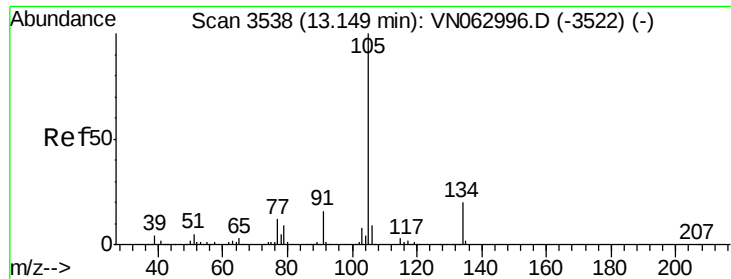
Tot Ion:105 Resp: 14589
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.947 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063101.D
 Acq: 24 Aug 2020 17:29

Tgt Ion:105 Resp: 36698
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.5 67.5

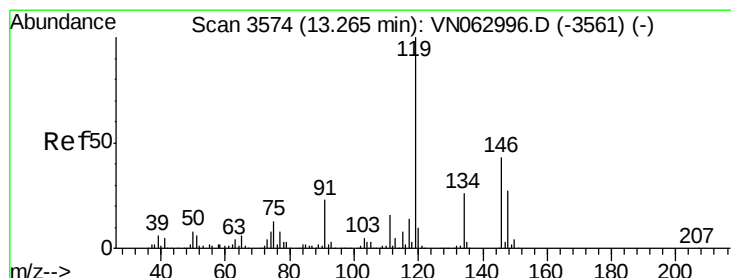
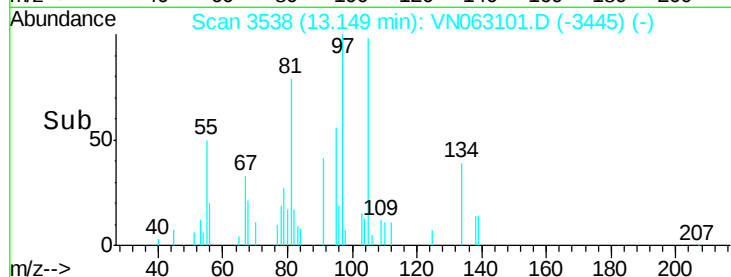
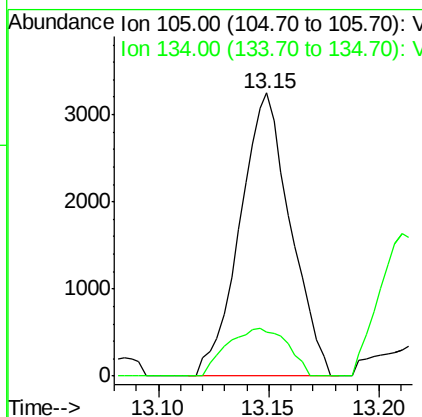
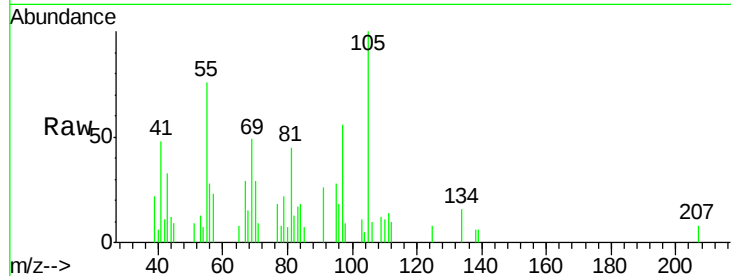




#85
 sec-Butylbenzene
 Concen: 0.699 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN063101.D
 Acq: 24 Aug 2020 17:29

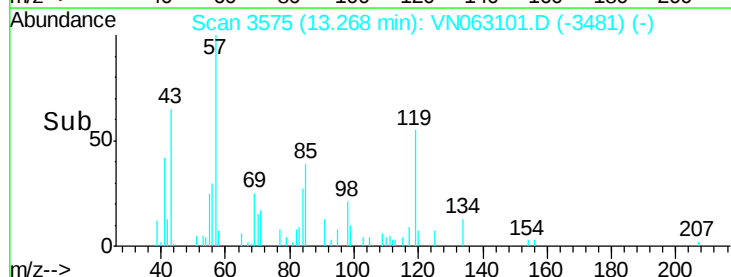
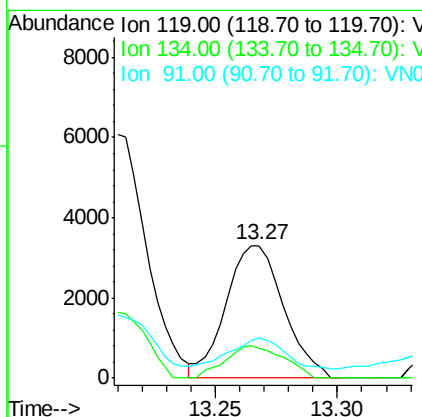
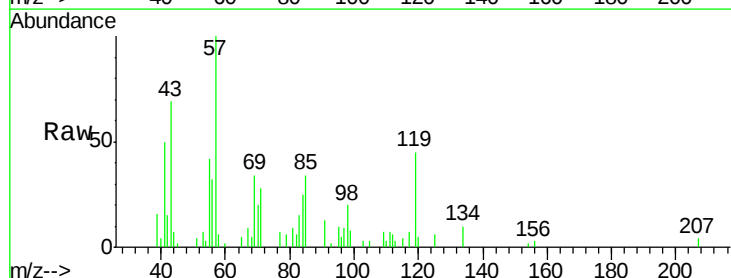
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

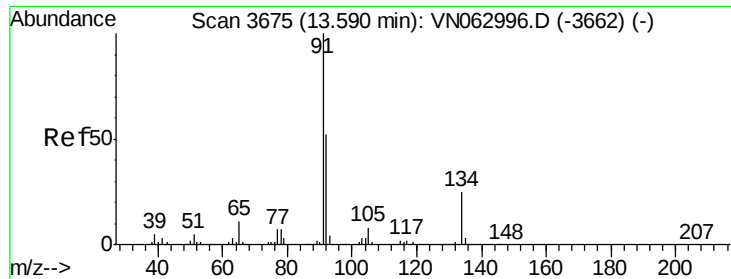
Tot Ion:105 Resp: 5168
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.845 ug/l
 RT: 13.27 min Scan# 3575
 Delta R.T. 0.00 min
 Lab File: VN063101.D
 Acq: 24 Aug 2020 17:29

Tgt Ion:119 Resp: 5440
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.1 39.3
 91 24.4 11.5 34.4

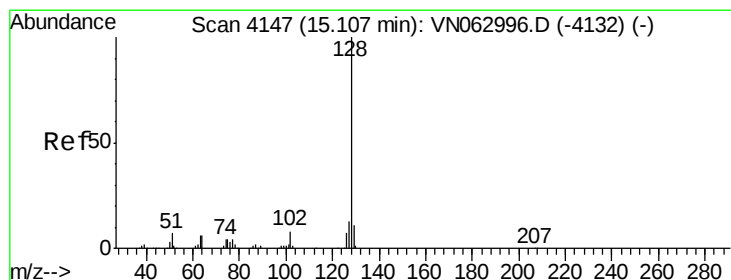
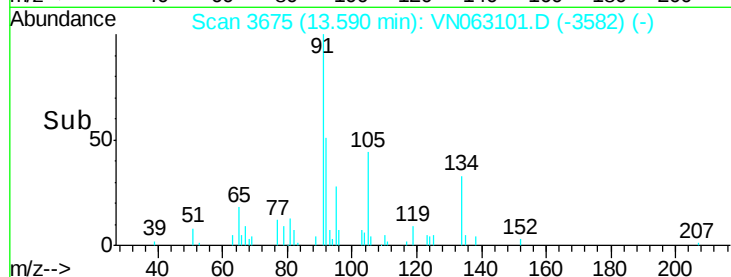
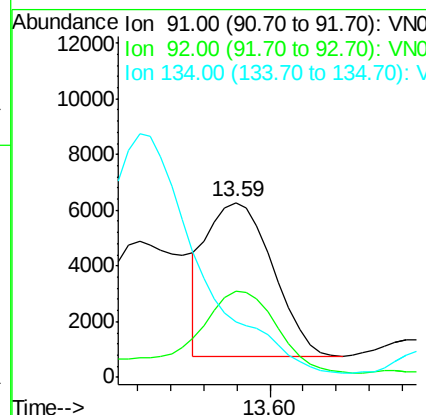
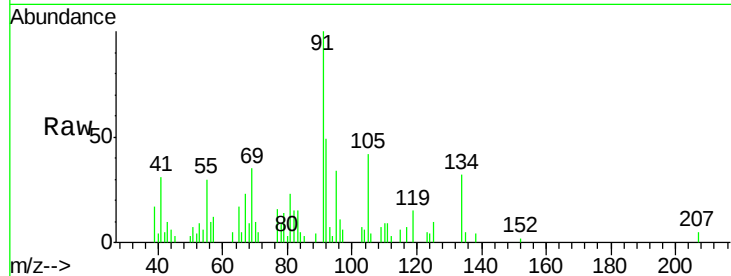




#89
n-Butylbenzene
Concen: 3.954 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063101.D
Acq: 24 Aug 2020 17:29

Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS

Tot Ion: 91 Resp: 7642
Ion Ratio Lower Upper
91 100
92 79.3 25.9 77.6#
134 0.0 12.4 37.0#



#95
Naphthalene
Concen: 7.118 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063101.D
Acq: 24 Aug 2020 17:29

Tgt Ion: 128 Resp: 7428
Ion Ratio Lower Upper
128 100
127 11.5 10.6 16.0
129 20.1 8.9 13.3#

