

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061389.D
 Acq On : 11 May 2020 16:08
 Operator : JC/MD
 Sample : L2571-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FUEL-LANE

Quant Time: May 12 09:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	105419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	192266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	189348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83485	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	88084	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
35) Dibromofluoromethane	7.55	113	57893	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
50) Toluene-d8	10.06	98	245743	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.38	95	92248	52.89	ug/l	0.00
Spiked Amount			Recovery	=	105.78%	

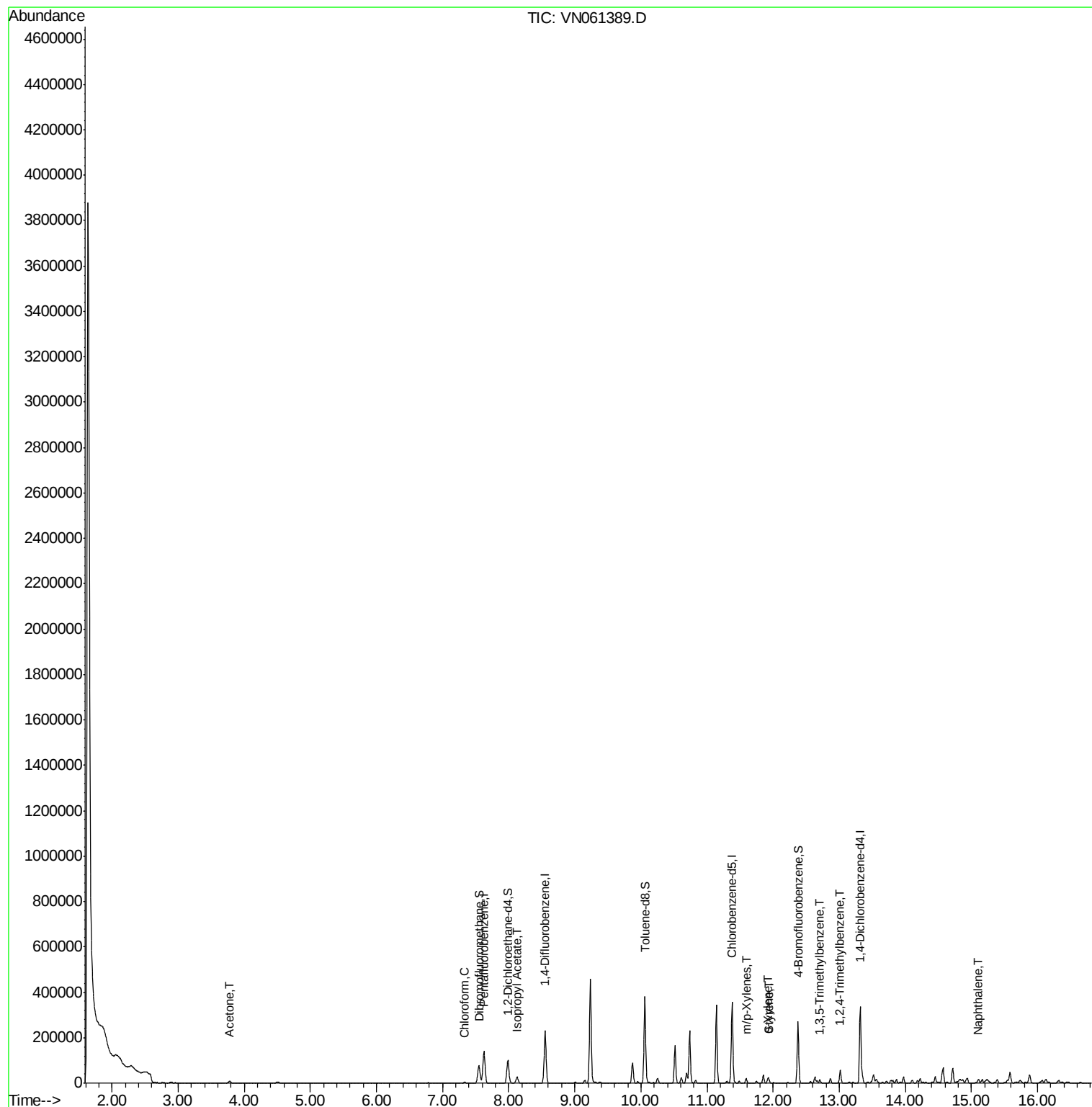
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	12743	14.550	ug/l	99
30) Chloroform	7.33	83	3653	1.443	ug/l	89
43) Isopropyl Acetate	8.13	43	33837	9.036	ug/l #	90
68) m/p-Xylenes	11.59	106	6263	2.434	ug/l	93
69) o-Xylene	11.92	106	4741	1.918	ug/l	98
70) Styrene	11.94	104	4707	1.138	ug/l	92
80) 1,3,5-Trimethylbenzene	12.71	105	7797	1.535	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	31577	6.034	ug/l	99
95) Naphthalene	15.10	128	12324	2.485	ug/l	99

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VN061389.D

Acq: 11 May 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

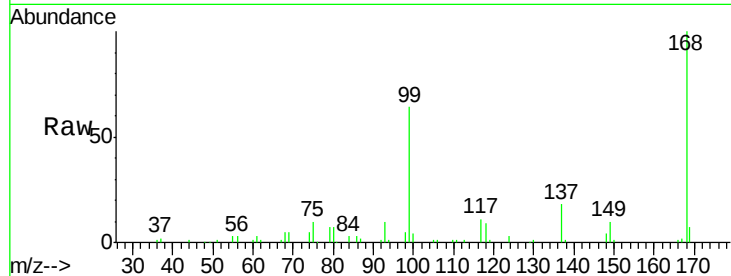
FUEL-LANE

Tot Ion:168 Resp: 105419

Ion Ratio Lower Upper

168 100

99 64.3 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

50000

40000

30000

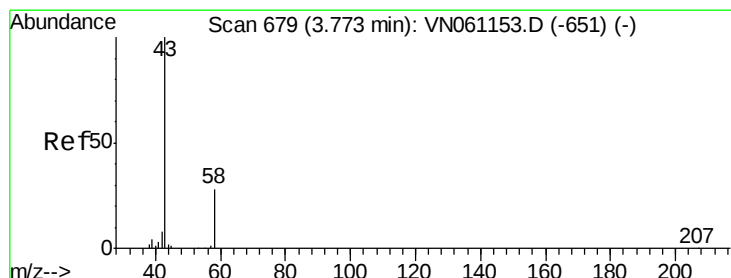
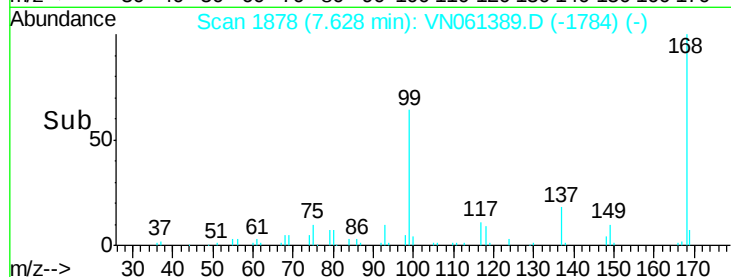
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 14.550 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061389.D

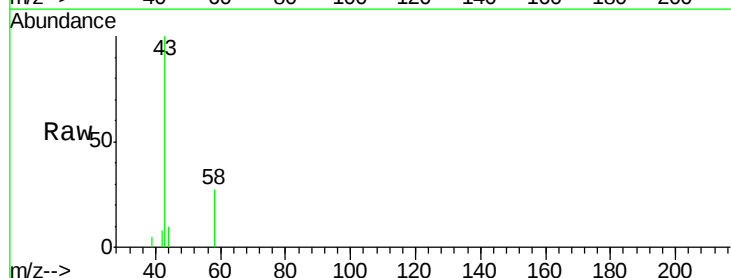
Acq: 11 May 2020 16:08

Tgt Ion: 43 Resp: 12743

Ion Ratio Lower Upper

43 100

58 27.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

3000

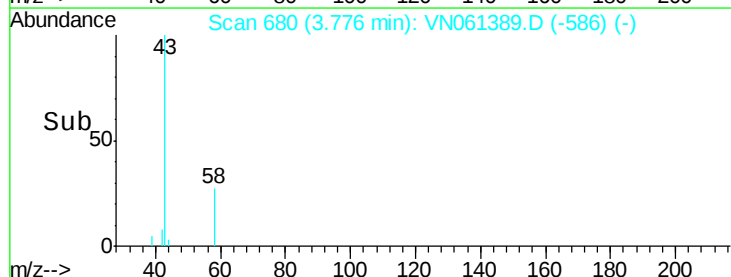
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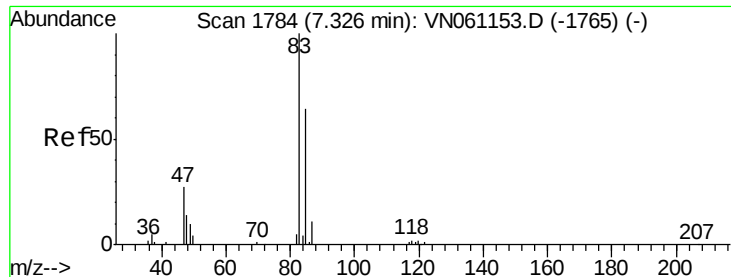
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0

Time-->

3.70 3.80 3.90

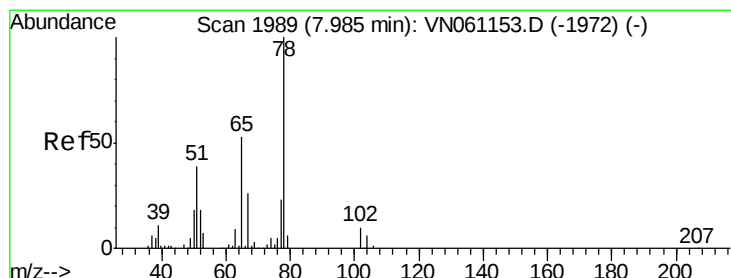
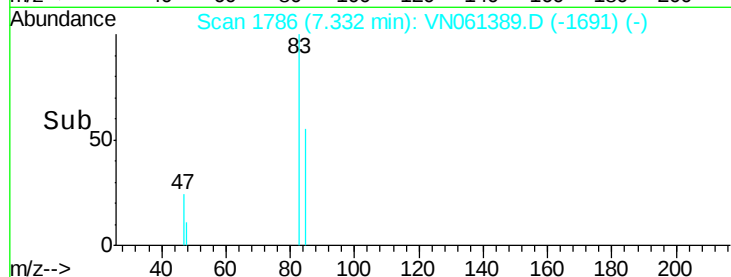
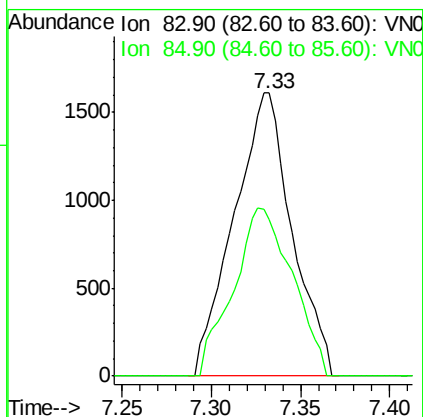
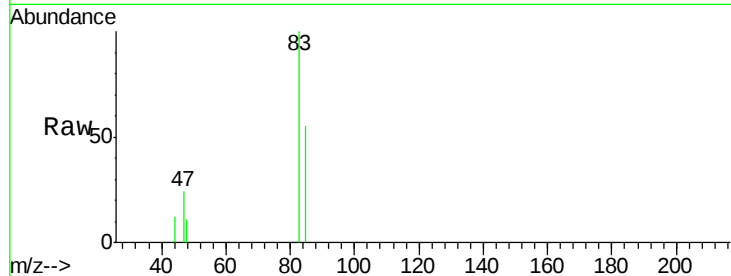




#30
Chloroform
Concen: 1.443 ug/l
RT: 7.33 min Scan# 1786
Delta R.T. 0.01 min
Lab File: VN061389.D
Acq: 11 May 2020 16:08

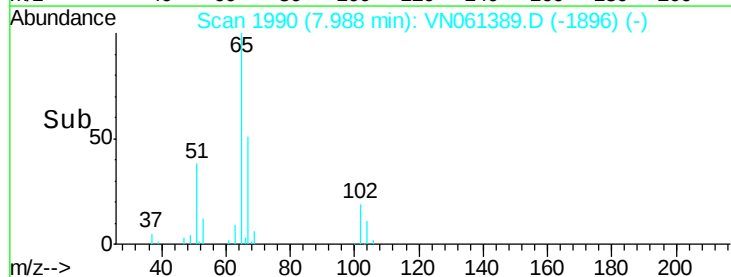
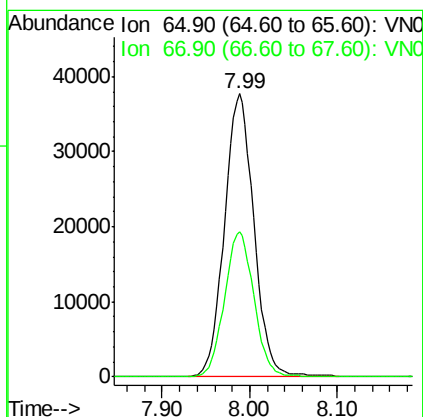
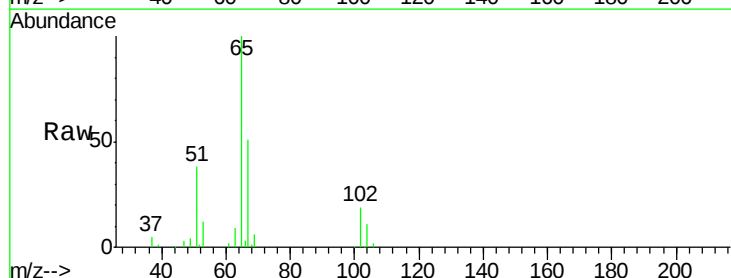
Instrument :
MSVOA_N
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FUEL-LANE

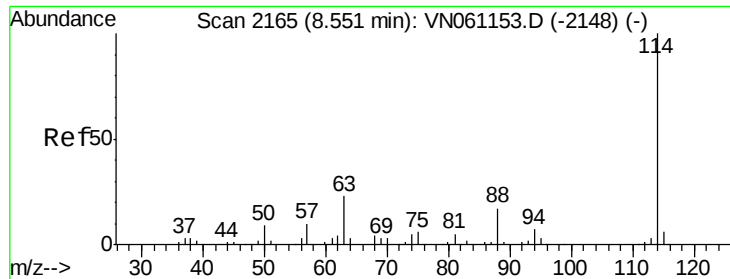
Tot Ion: 83 Resp: 3653
Ion Ratio Lower Upper
83 100
85 55.2 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 52.806 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061389.D
Acq: 11 May 2020 16:08

Tgt Ion: 65 Resp: 88084
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.6

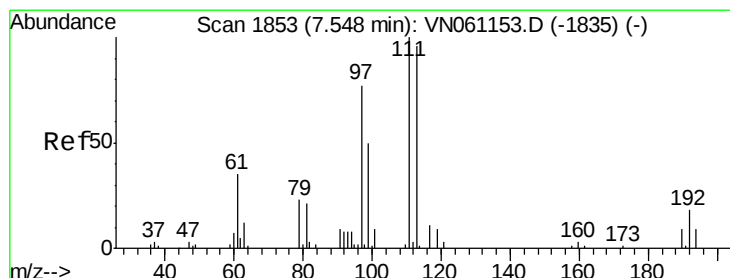
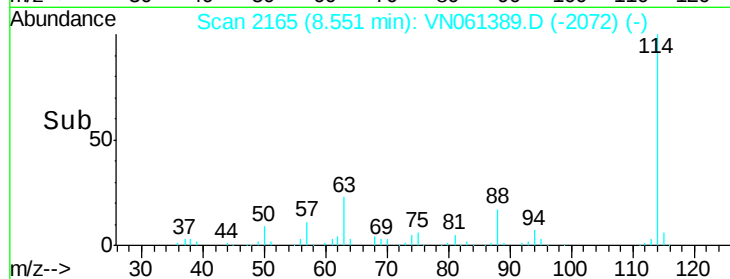
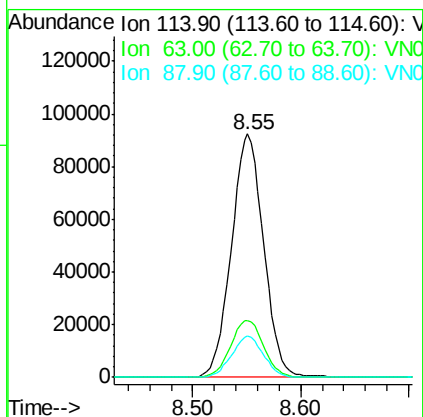
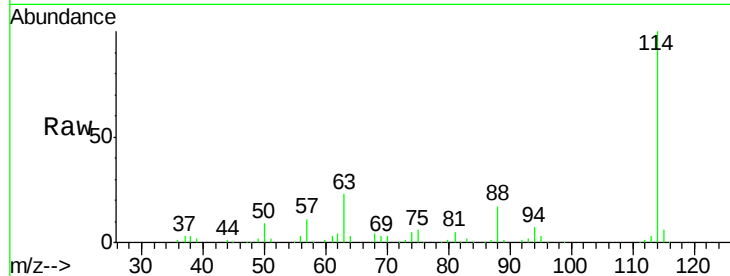




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VN061389.D
 Acq: 11 May 2020 16:08

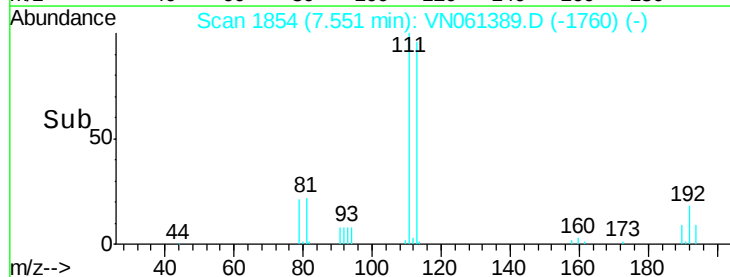
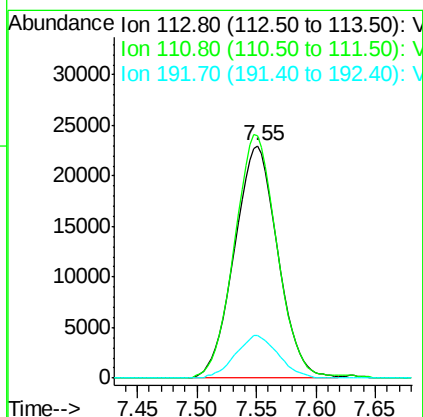
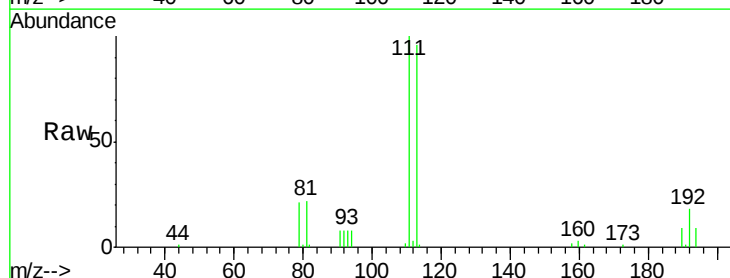
Instrument :
 MSVOA_N
 ClientSampleId :
 FUEL-LANE

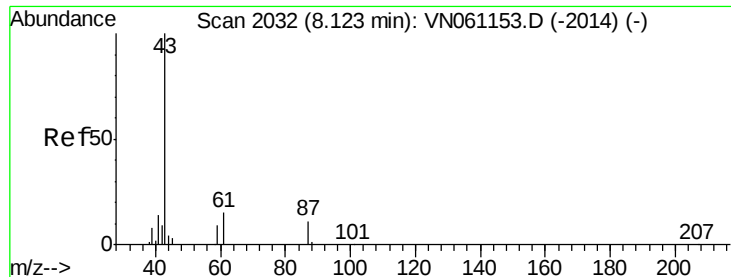
Tot Ion:114 Resp: 192266
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.6
 88 16.9 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.921 ug/l
 RT: 7.55 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN061389.D
 Acq: 11 May 2020 16:08

Tgt Ion:113 Resp: 57893
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 18.1 14.7 22.1





#43

Isopropyl Acetate

Concen: 9.036 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061389.D

Acq: 11 May 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

FUEL-LANE

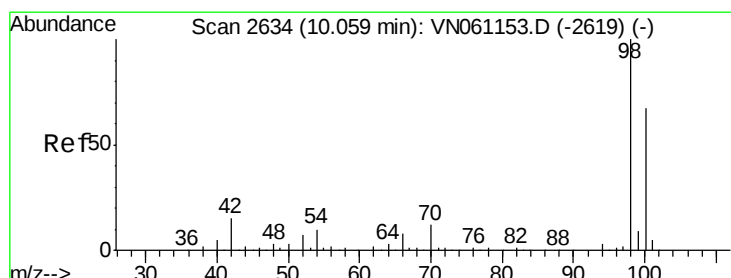
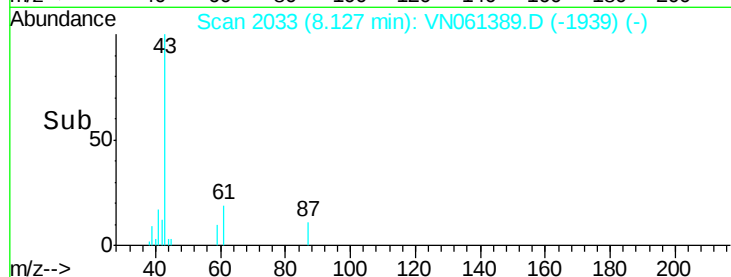
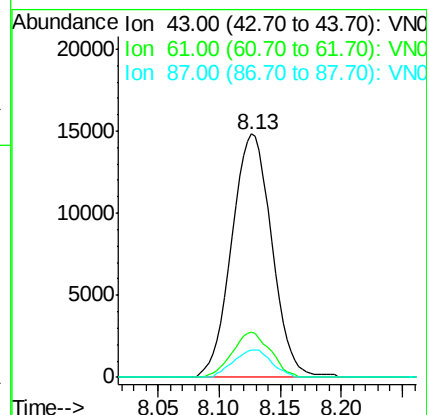
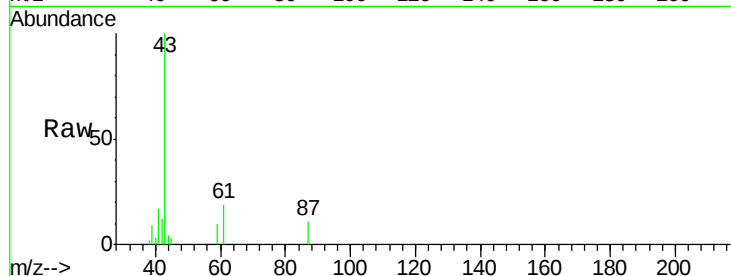
Tot Ion: 43 Resp: 33837

Ion Ratio Lower Upper

43 100

61 17.7 19.5 29.3#

87 10.7 8.9 13.3



#50

Toluene-d8

Concen: 53.023 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. -0.00 min

Lab File: VN061389.D

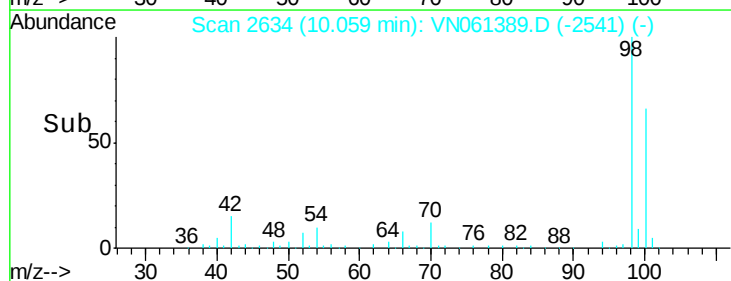
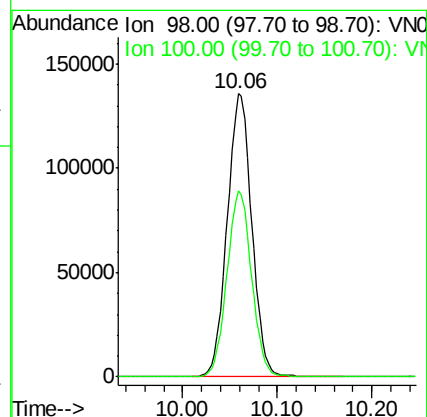
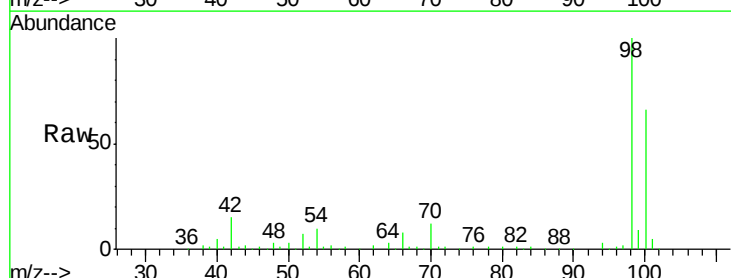
Acq: 11 May 2020 16:08

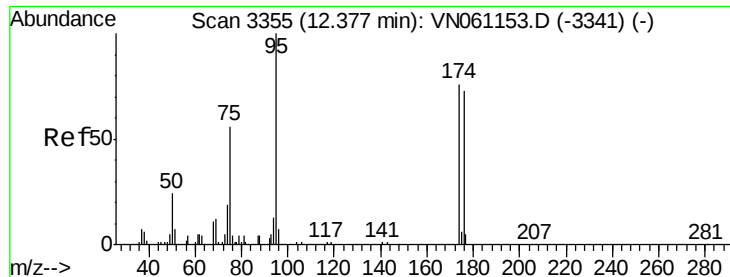
Tgt Ion: 98 Resp: 245743

Ion Ratio Lower Upper

98 100

100 65.6 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 52.892 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN061389.D

Acq: 11 May 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

FUEL-LANE

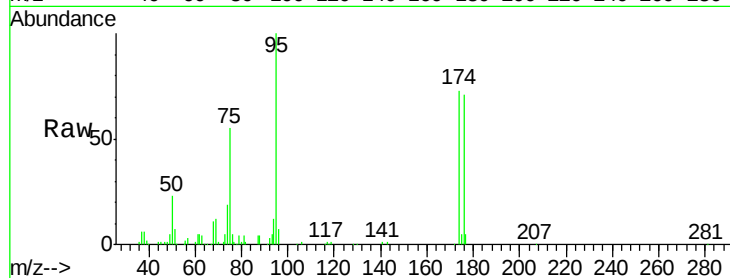
Tot Ion: 95 Resp: 92248

Ion Ratio Lower Upper

95 100

174 72.4 0.0 149.4

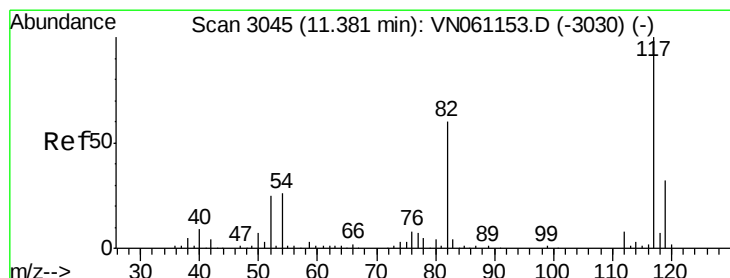
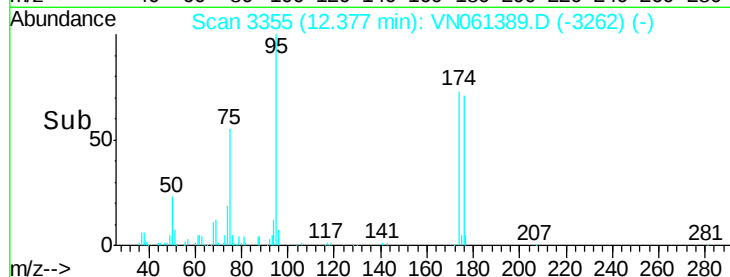
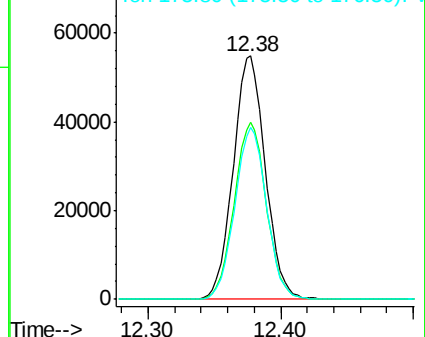
176 69.7 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061389.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061389.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061389.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. -0.00 min

Lab File: VN061389.D

Acq: 11 May 2020 16:08

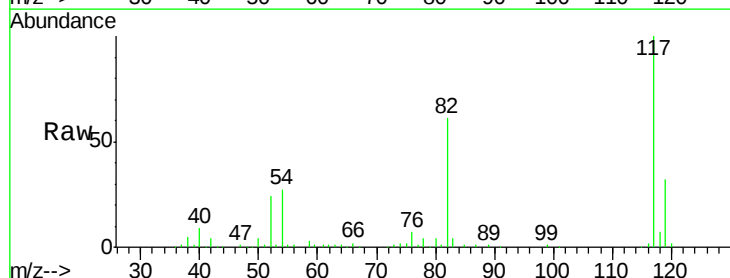
Tgt Ion: 117 Resp: 189348

Ion Ratio Lower Upper

117 100

82 61.2 47.8 71.8

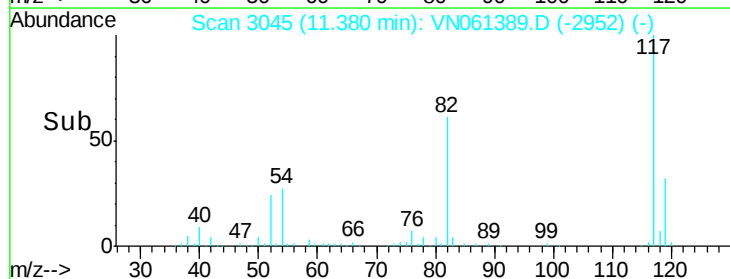
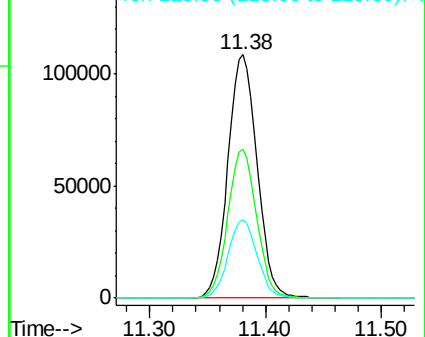
119 32.4 25.8 38.6

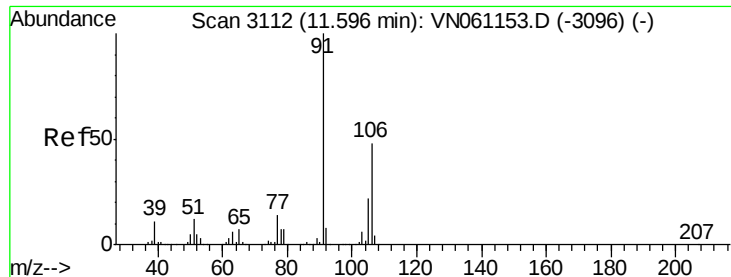


Abundance Ion 116.90 (116.60 to 117.60): VN061389.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061389.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061389.D (-2952) (-)

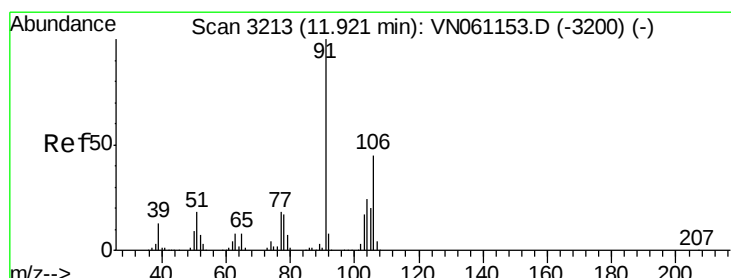
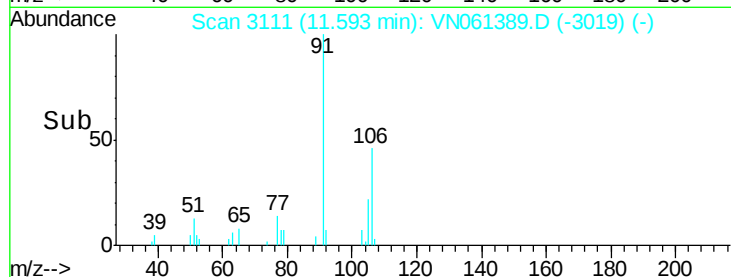
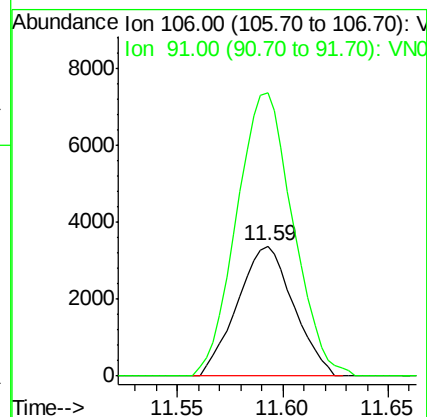
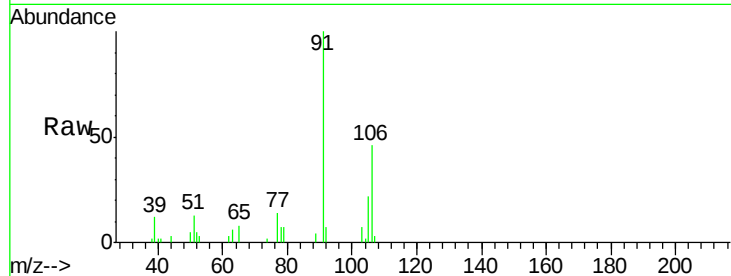




#68
m/p-Xylenes
Concen: 2.434 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061389.D
Acq: 11 May 2020 16:08

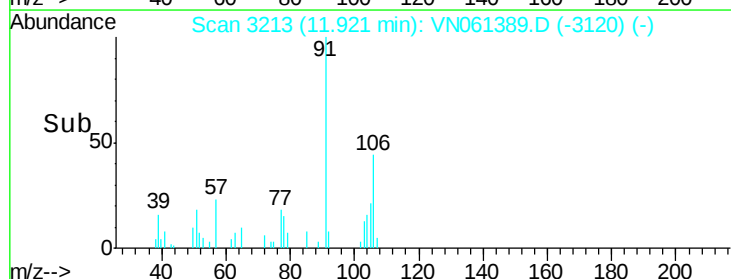
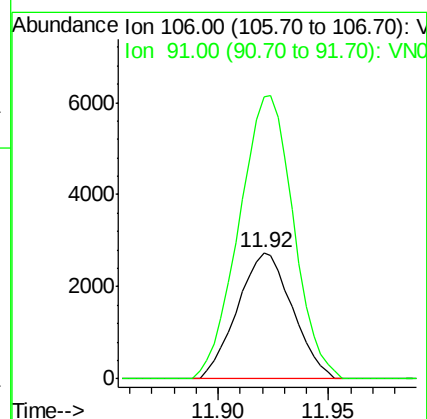
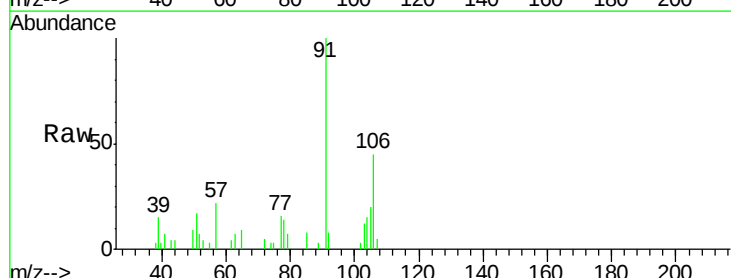
Instrument :
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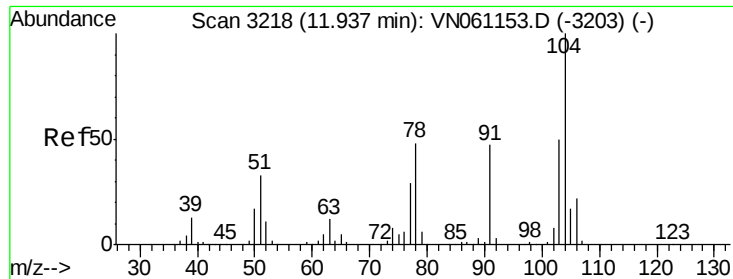
Tot Ion:106 Resp: 6263
Ion Ratio Lower Upper
106 100
91 218.6 166.4 249.6



#69
o-Xylene
Concen: 1.918 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. -0.00 min
Lab File: VN061389.D
Acq: 11 May 2020 16:08

Tgt Ion:106 Resp: 4741
Ion Ratio Lower Upper
106 100
91 222.2 109.7 329.0

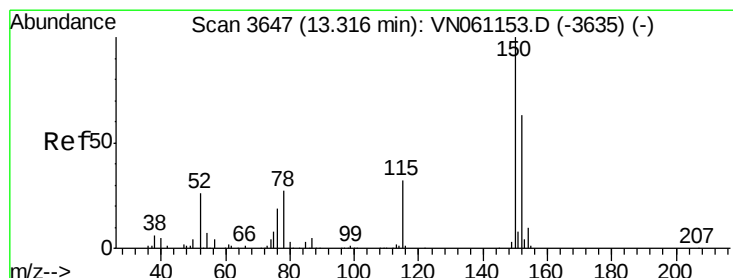
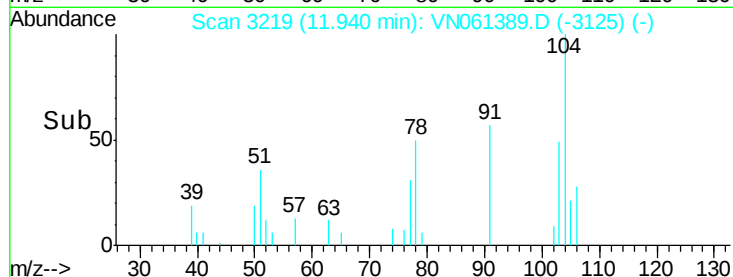
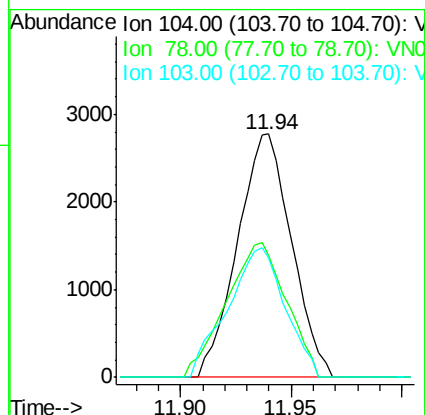
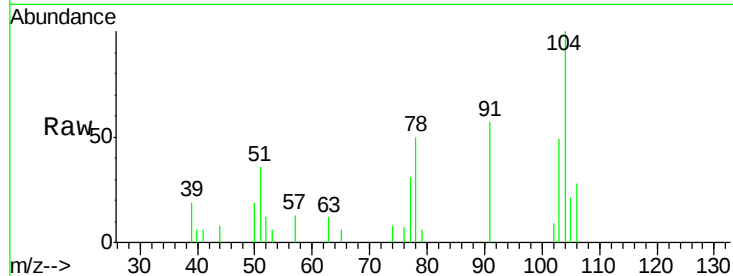




#70
Stvrene
Concen: 1.138 ug/l
RT: 11.94 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN061389.D
Acq: 11 May 2020 16:08

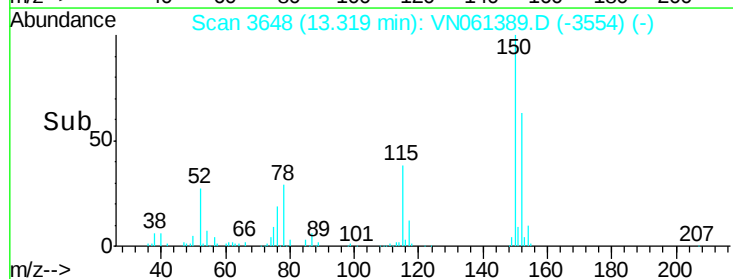
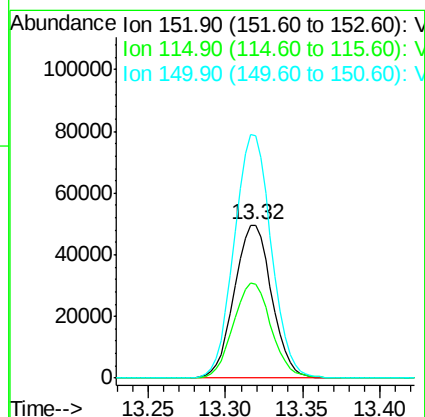
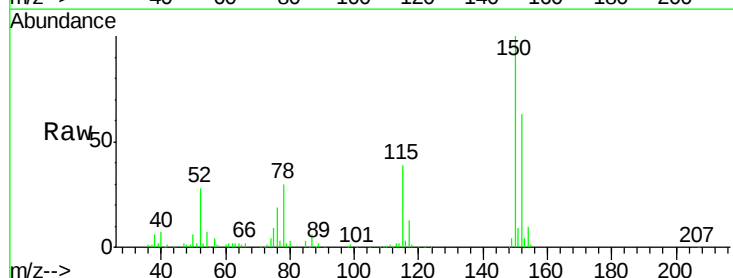
Instrument :
MSVOA_N
ClientSampleId :
FUEL-LANE

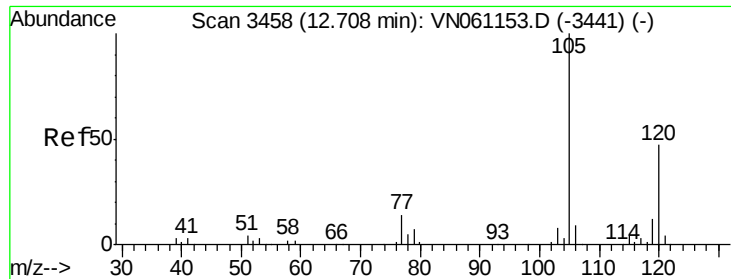
Tot Ion:104 Resp: 4707
Ion Ratio Lower Upper
104 100
78 61.4 42.1 63.1
103 56.7 43.3 64.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061389.D
Acq: 11 May 2020 16:08

Tgt Ion:152 Resp: 83485
Ion Ratio Lower Upper
152 100
115 63.0 31.0 93.0
150 157.8 0.0 351.8

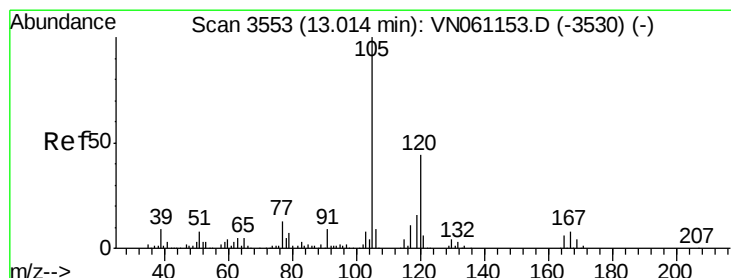
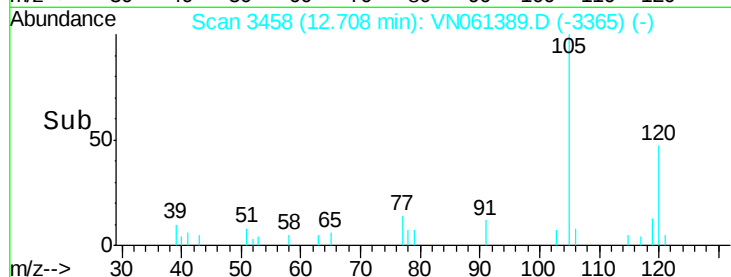
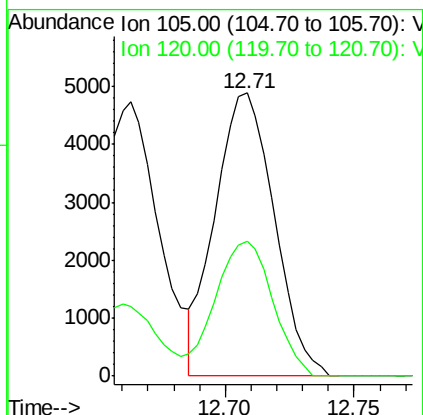
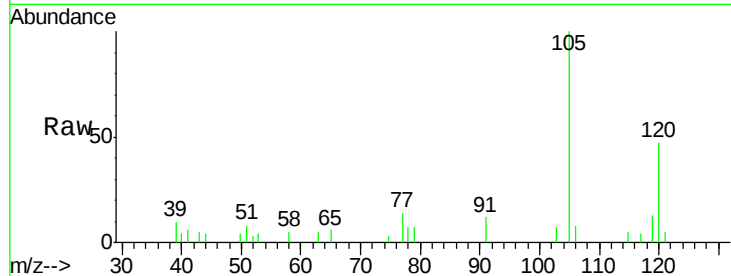




#80
 1,3,5-Trimethylbenzene
 Concen: 1.535 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. -0.00 min
 Lab File: VN061389.D
 Acq: 11 May 2020 16:08

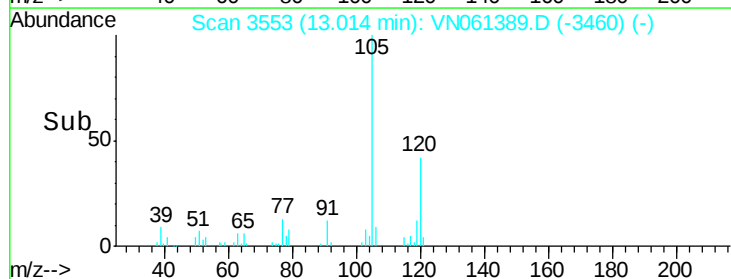
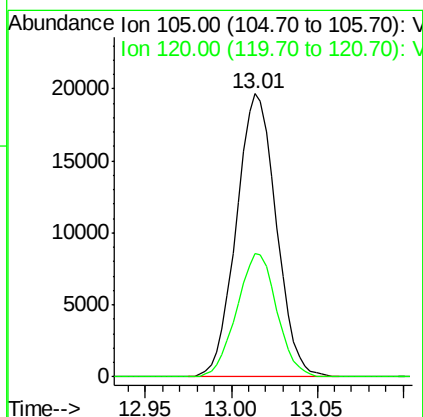
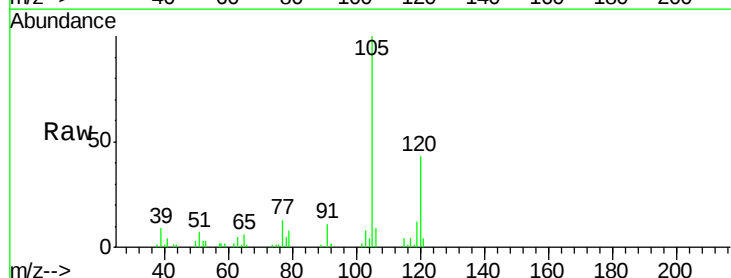
Instrument :
 MSVOA_N
 ClientSampled :
 FUEL-LANE

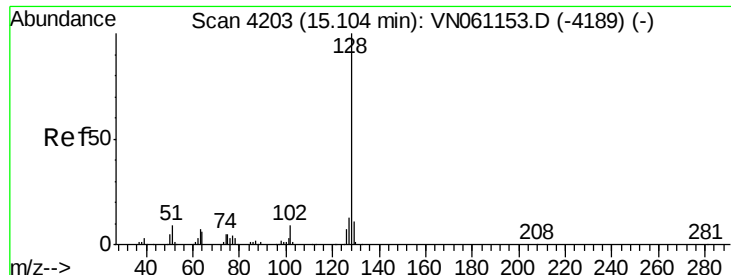
Tot Ion:105 Resp: 7797
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.9 71.7



#84
 1,2,4-Trimethylbenzene
 Concen: 6.034 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. -0.00 min
 Lab File: VN061389.D
 Acq: 11 May 2020 16:08

Tgt Ion:105 Resp: 31577
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.2 66.6

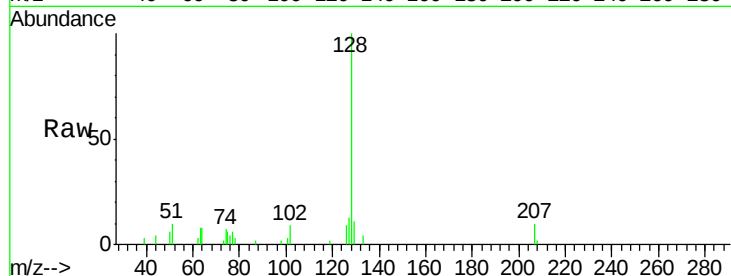




#95
Naphthalene
Concen: 2.485 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. -0.00 min
Lab File: VN061389.D
Acq: 11 May 2020 16:08

Instrument :
MSVOA_N
ClientSampleId :
FUEL-LANE

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.4	15.6
129	11.2	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

