

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057259.D
 Acq On : 13 Aug 2019 20:37
 Operator : JC/SP
 Sample : K4333-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK

Quant Time: Aug 14 12:24:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1499782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2047145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1718026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	547538	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	668430	44.18	ug/l	0.00
Spiked Amount			Recovery	=	88.36%	
35) Dibromofluoromethane	7.58	113	615690	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
50) Toluene-d8	10.09	98	2387561	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.40	95	706653	43.22	ug/l	0.00
Spiked Amount			Recovery	=	86.44%	

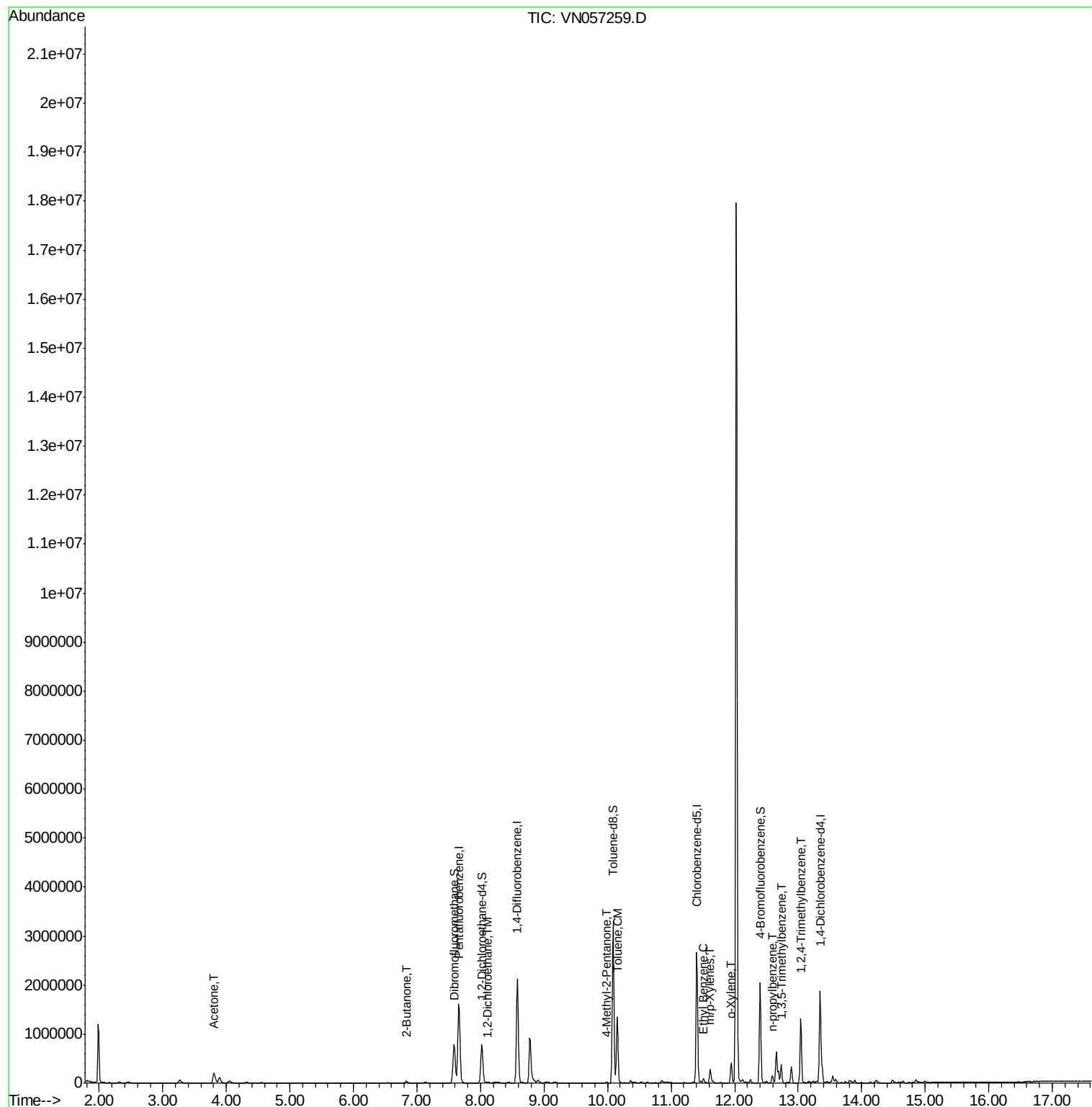
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	334703	64.527	ug/l	98
25) 2-Butanone	6.83	43	62283	8.446	ug/l	94
42) 1,2-Dichloroethane	8.12	62	10267	0.589	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	14769	1.062	ug/l	94
52) Toluene	10.15	92	618258	18.303	ug/l	99
67) Ethyl Benzene	11.51	91	65280	1.088	ug/l	98
68) m/p-Xylenes	11.62	106	91340	4.079	ug/l	99
69) o-Xylene	11.95	106	122200	5.574	ug/l	97
78) n-propylbenzene	12.59	91	115870	1.438	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	212276	3.938	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	772129	20.026	ug/l	100

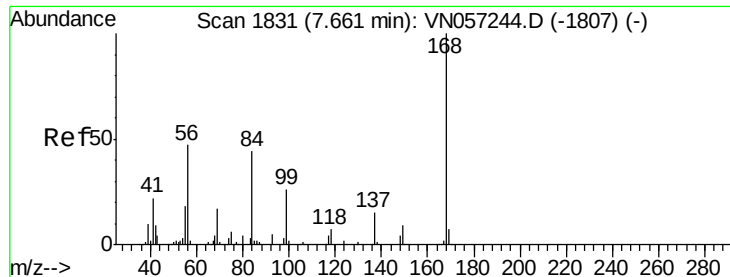
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081319\
Data File : VN057259.D
Acq On : 13 Aug 2019 20:37
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Quant Time: Aug 14 12:24:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 06:25:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN057259.D

Acq: 13 Aug 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

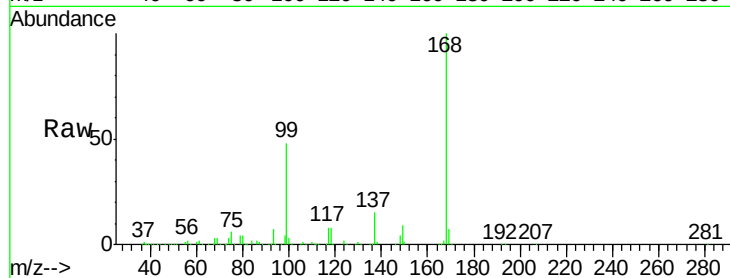
FRAC-TANK

Tot Ion:168 Resp: 1499782

Ion Ratio Lower Upper

168 100

99 48.4 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

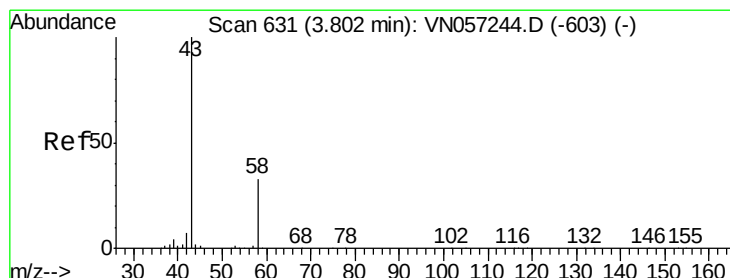
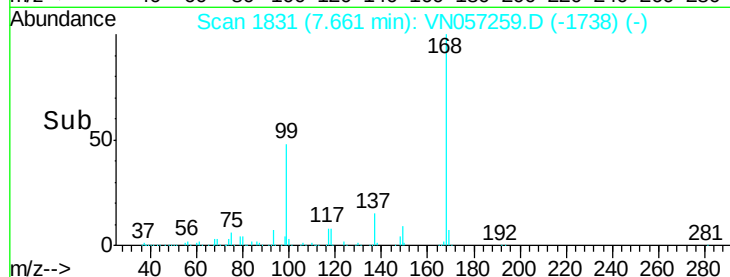
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 64.527 ug/l

RT: 3.80 min Scan# 631

Delta R.T. -0.00 min

Lab File: VN057259.D

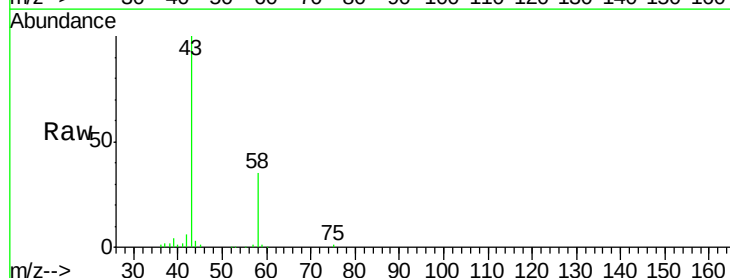
Acq: 13 Aug 2019 20:37

Tgt Ion: 43 Resp: 334703

Ion Ratio Lower Upper

43 100

58 34.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

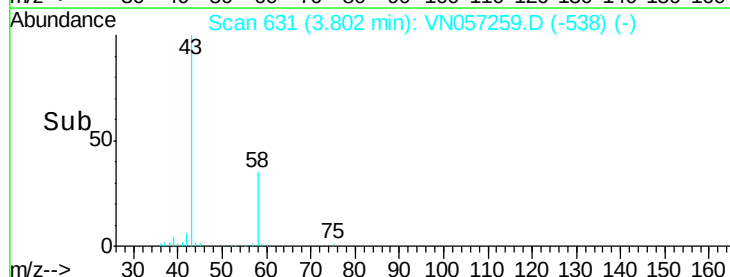
3.80

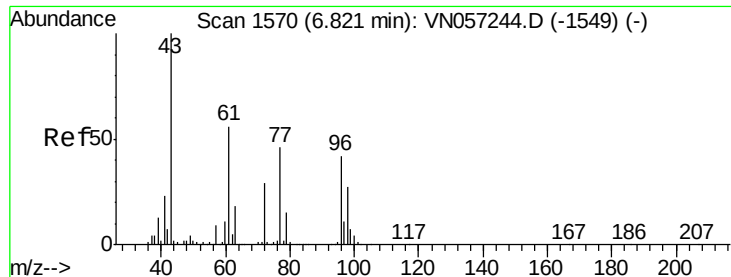
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50000

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Time-->

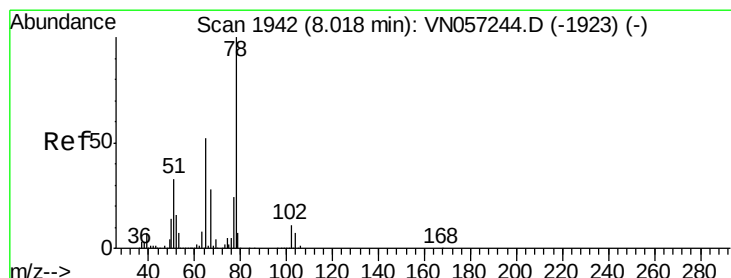
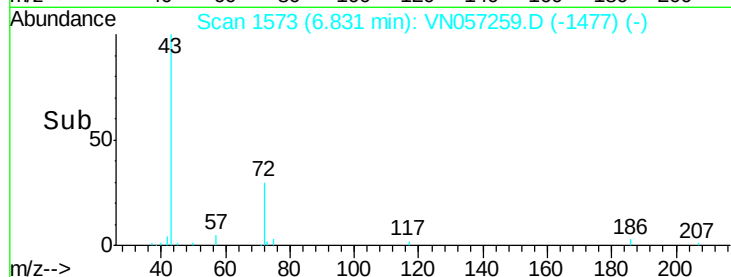
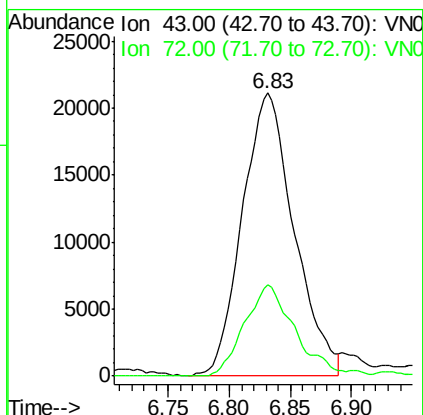
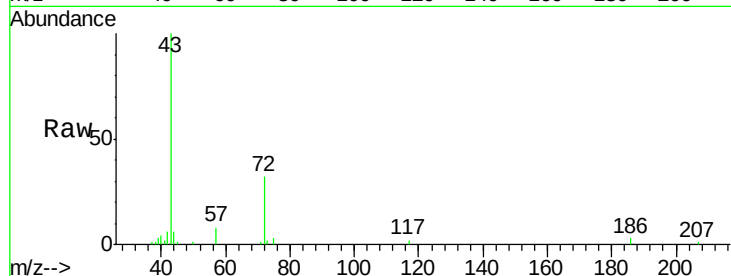




#25
2-Butanone
Concen: 8.446 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN057259.D
Acq: 13 Aug 2019 20:37

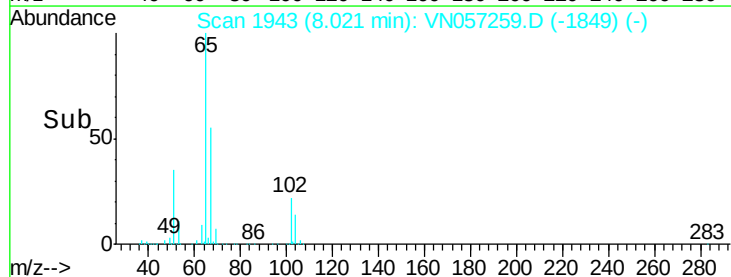
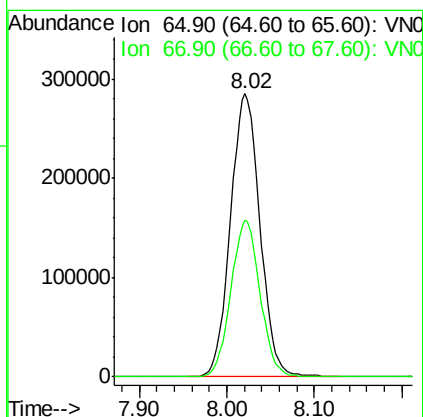
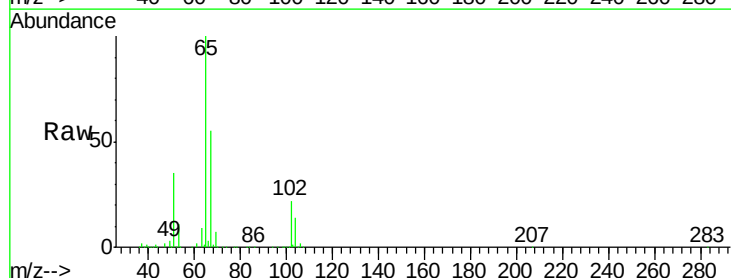
Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK

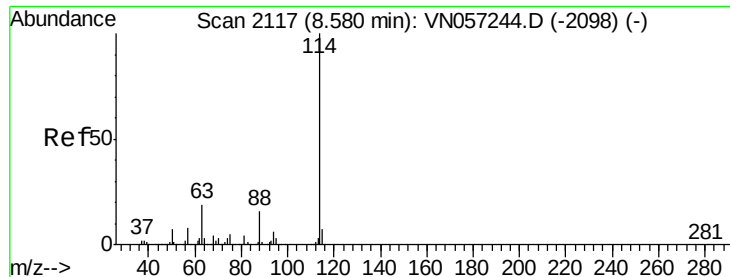
Tot Ion: 43 Resp: 62283
Ion Ratio Lower Upper
43 100
72 32.3 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 44.181 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN057259.D
Acq: 13 Aug 2019 20:37

Tgt Ion: 65 Resp: 668430
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.0

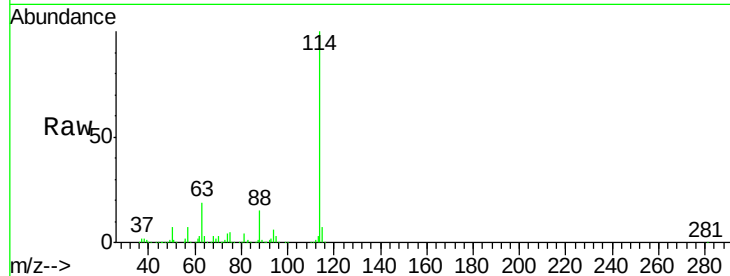




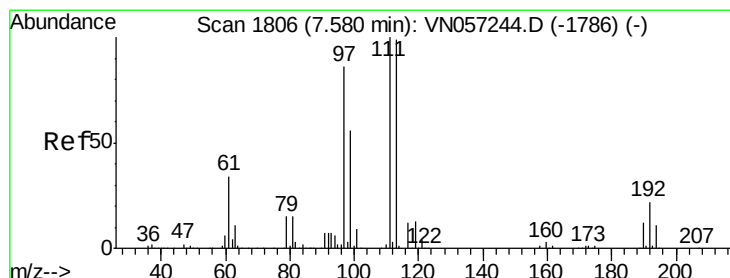
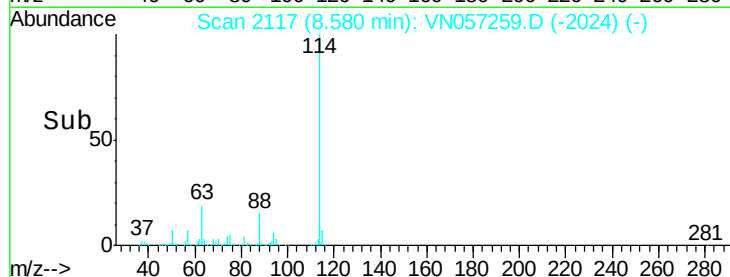
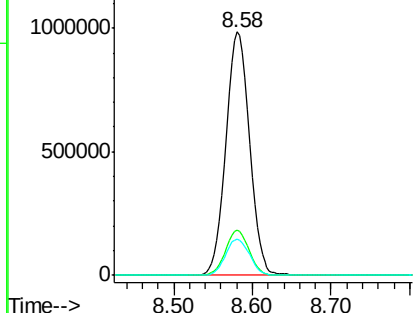
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN057259.D
 Acq: 13 Aug 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK

Tot Ion:114 Resp: 2047145
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.0
 88 14.9 0.0 31.0

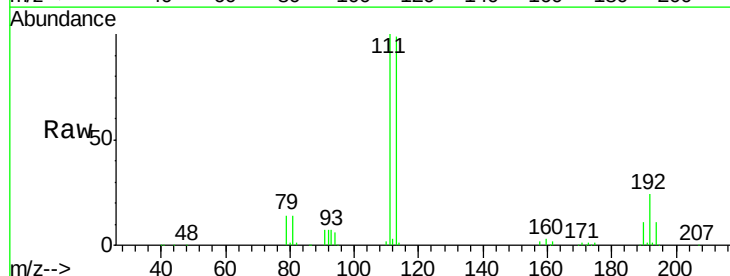


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

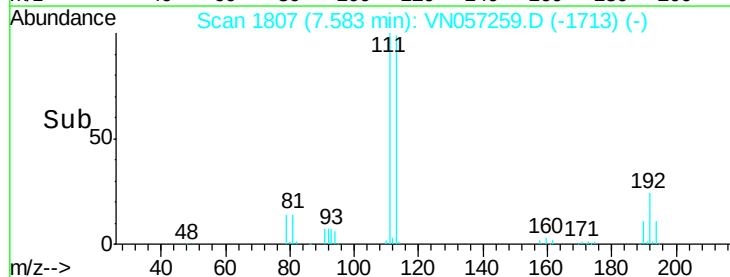
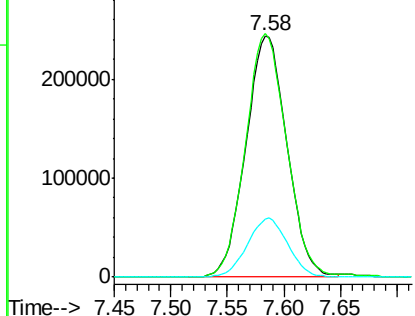


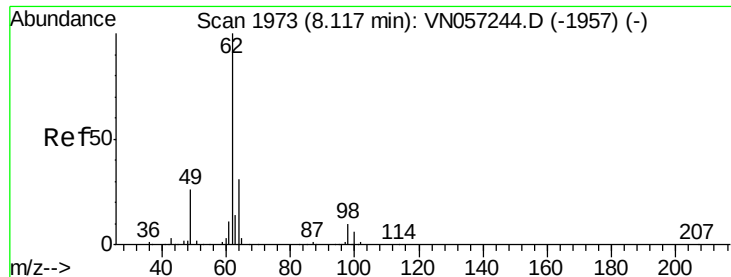
#35
 Dibromofluoromethane
 Concen: 47.102 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057259.D
 Acq: 13 Aug 2019 20:37

Tgt Ion:113 Resp: 615690
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 24.1 18.8 28.2



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

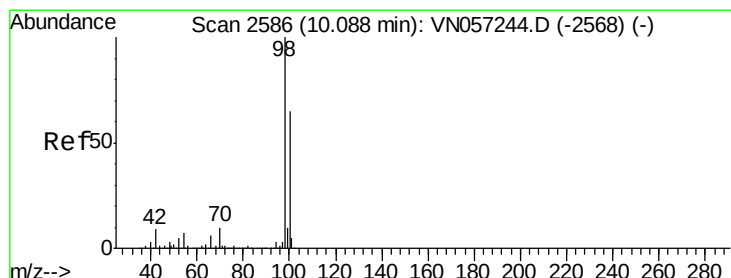
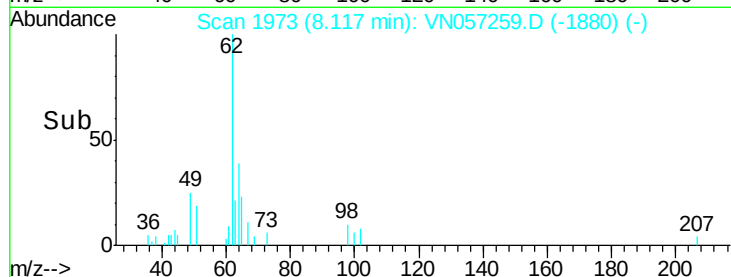
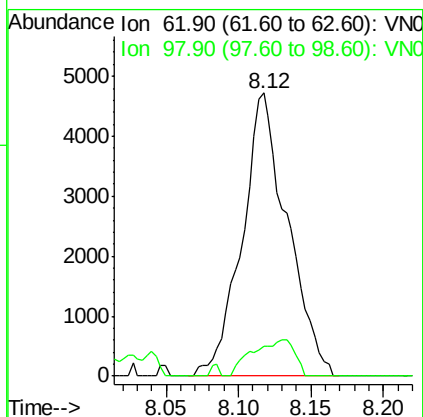
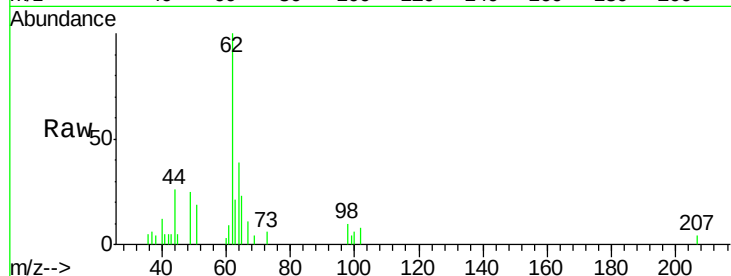




#42
 1,2-Dichloroethane
 Concen: 0.589 ug/l
 RT: 8.12 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VN057259.D
 Acq: 13 Aug 2019 20:37

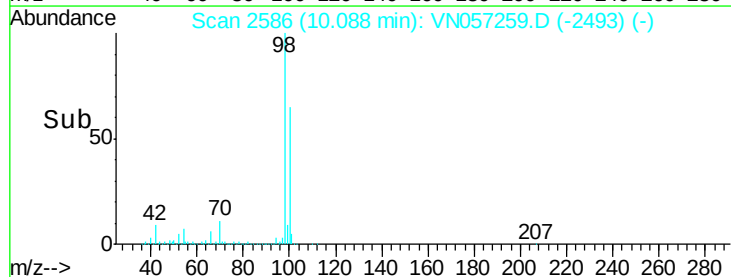
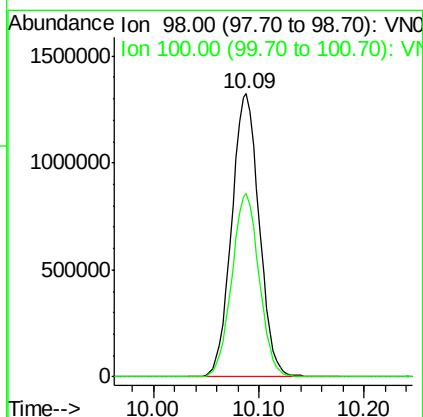
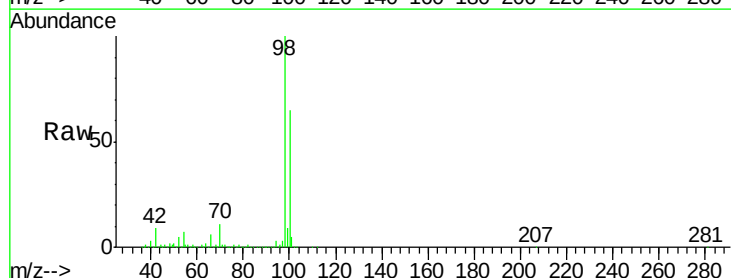
Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK

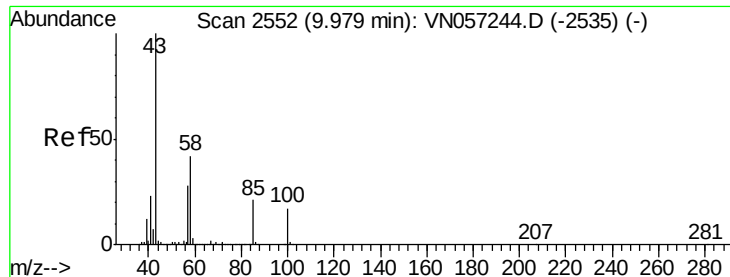
Tot Ion: 62 Resp: 10267
 Ion Ratio Lower Upper
 62 100
 98 12.0 0.0 20.0



#50
 Toluene-d8
 Concen: 50.078 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN057259.D
 Acq: 13 Aug 2019 20:37

Tgt Ion: 98 Resp: 2387561
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 1.062 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057259.D

Acq: 13 Aug 2019 20:37

Instrument :

MSVOA_N

ClientSampled :

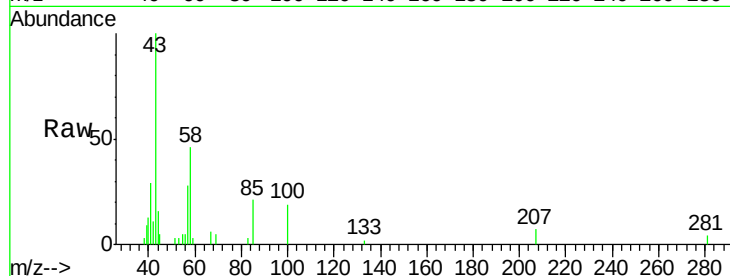
FRAC-TANK

Tot Ion: 43 Resp: 14769

Ion Ratio Lower Upper

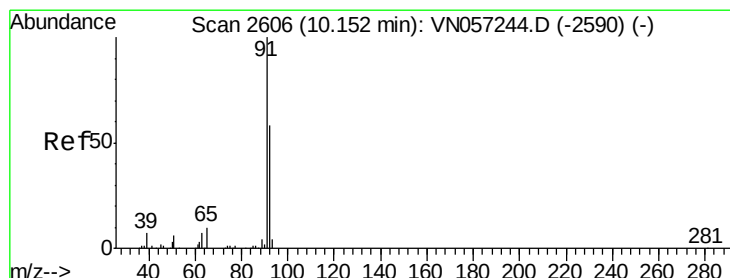
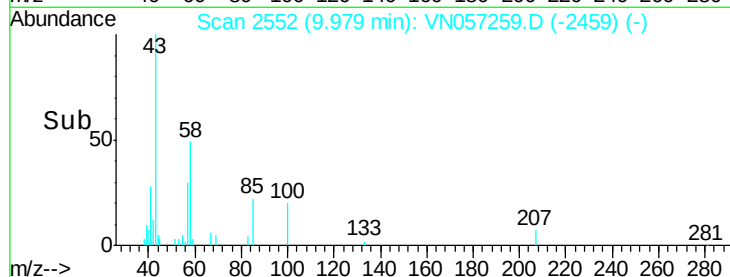
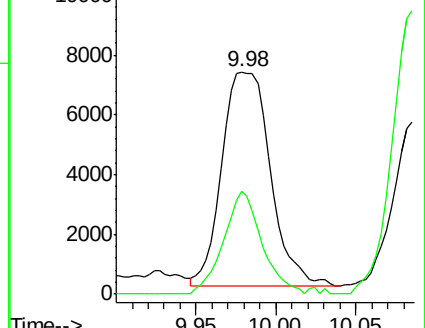
43 100

58 38.3 33.7 50.5



Abundance Ion 43.00 (42.70 to 43.70): VN057244.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN057244.D (-2535) (-)



#52

Toluene

Concen: 18.303 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN057259.D

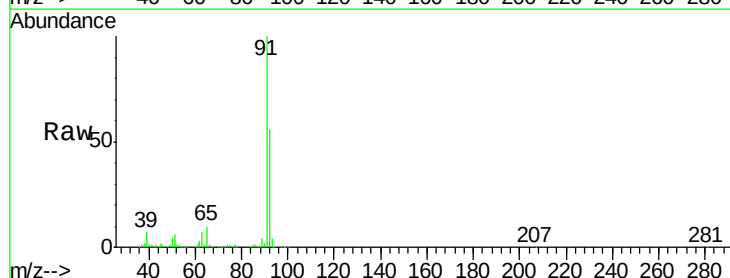
Acq: 13 Aug 2019 20:37

Tgt Ion: 92 Resp: 618258

Ion Ratio Lower Upper

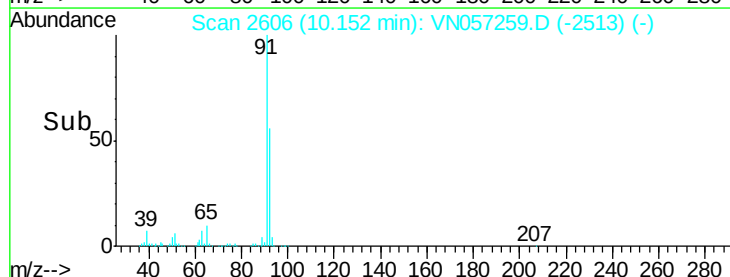
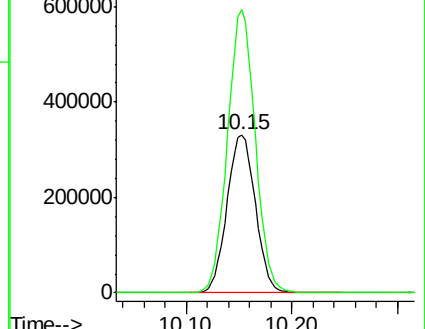
92 100

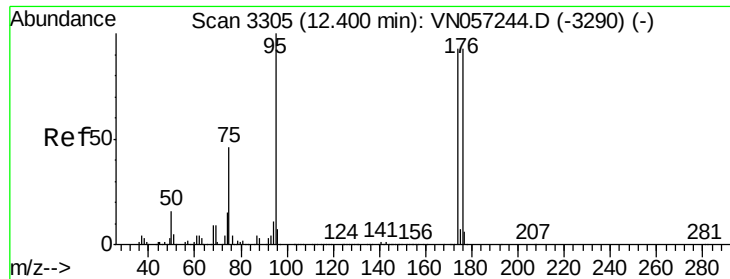
91 174.5 138.2 207.2



Abundance Ion 92.00 (91.70 to 92.70): VN057244.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN057244.D (-2590) (-)





#62

4-Bromofluorobenzene

Concen: 43.220 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057259.D

Acq: 13 Aug 2019 20:37

Instrument :

MSVOA_N

ClientSampled :

FRAC-TANK

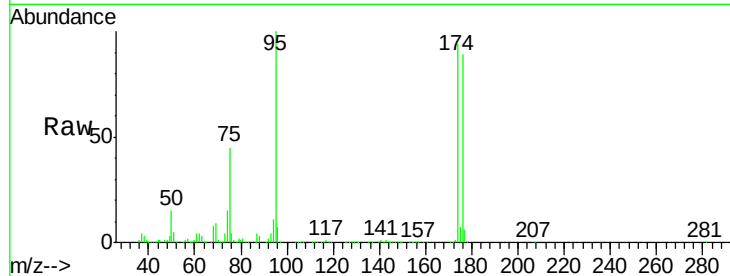
Tot Ion: 95 Resp: 706653

Ion Ratio Lower Upper

95 100

174 95.0 0.0 187.6

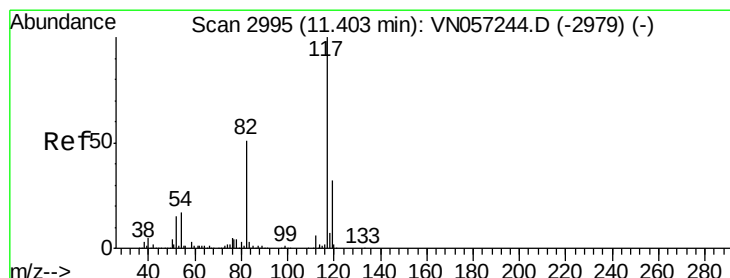
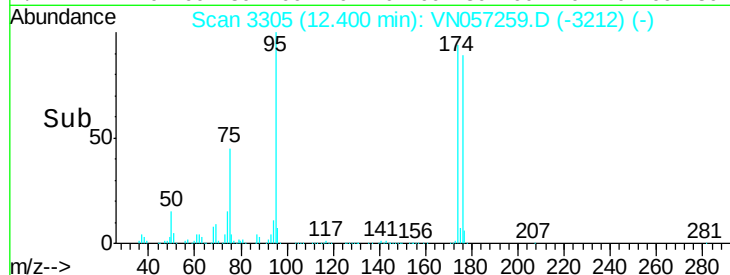
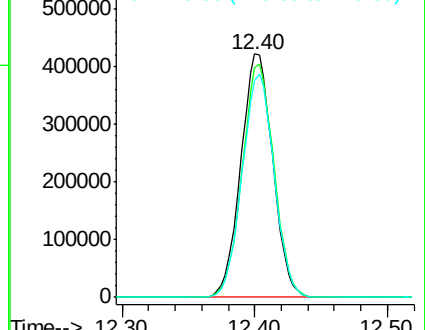
176 91.6 0.0 185.8



Abundance Ion 94.90 (94.60 to 95.60): VN057244.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057244.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057244.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057259.D

Acq: 13 Aug 2019 20:37

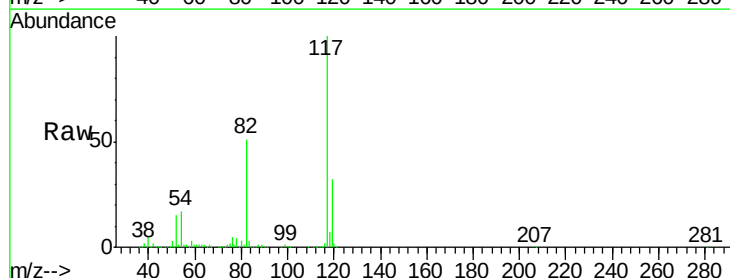
Tgt Ion: 117 Resp: 1718026

Ion Ratio Lower Upper

117 100

82 50.9 40.9 61.3

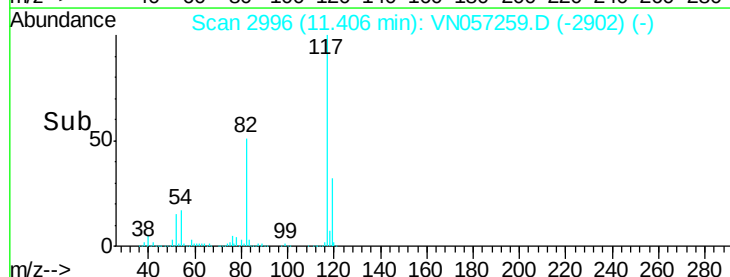
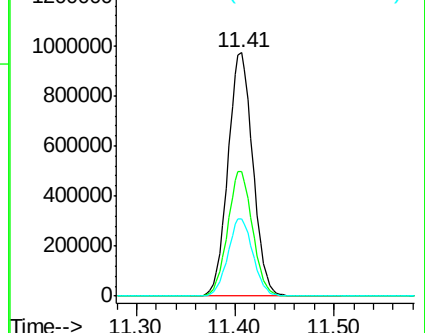
119 31.8 25.4 38.2

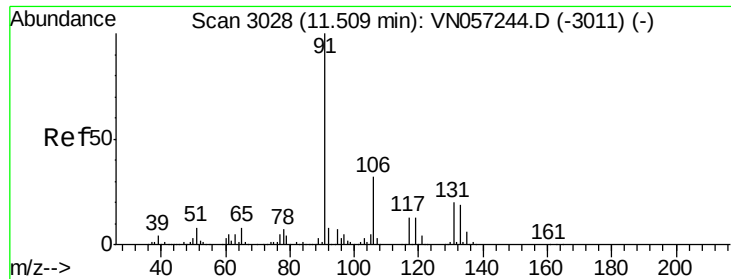


Abundance Ion 116.90 (116.60 to 117.60): VN057244.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN057244.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057244.D (-2979) (-)

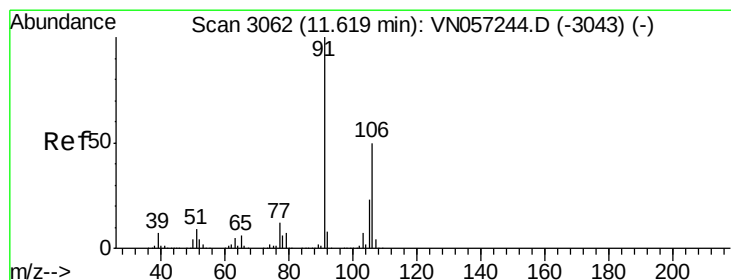
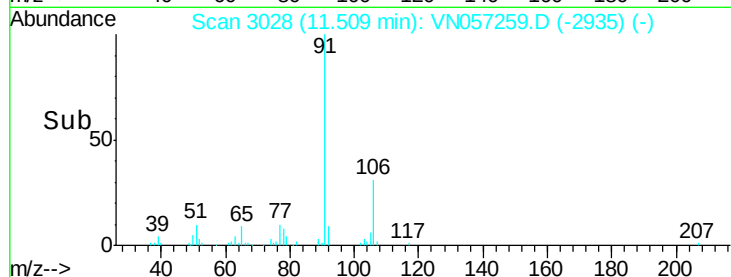
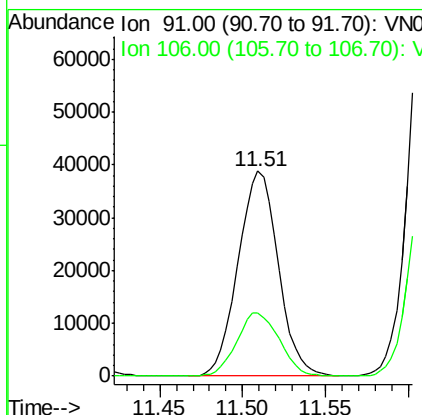
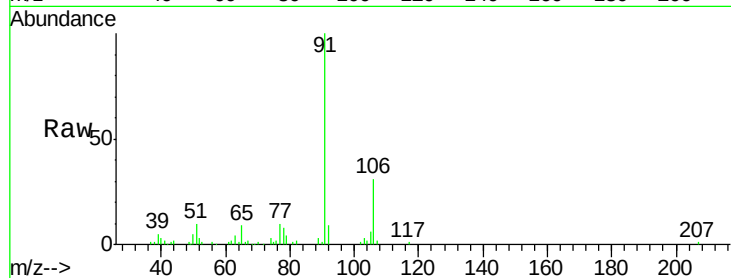




#67
Ethyl Benzene
Concen: 1.088 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN057259.D
Acq: 13 Aug 2019 20:37

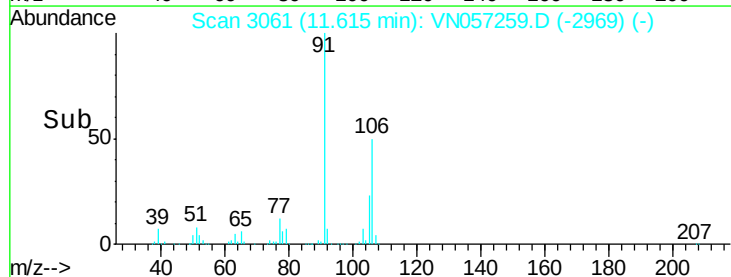
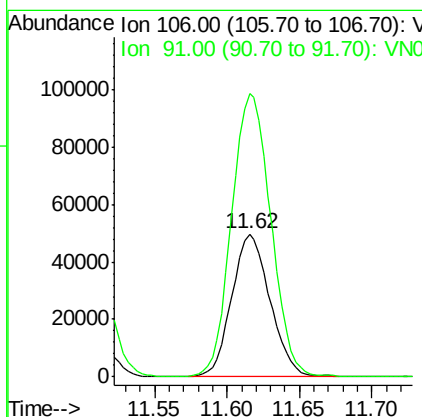
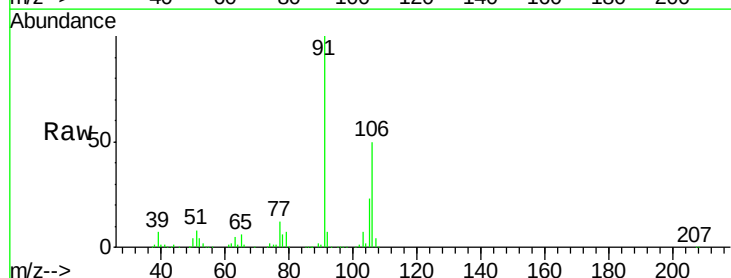
Instrument :
MSVOA_N
ClientSampled :
FRAC-TANK

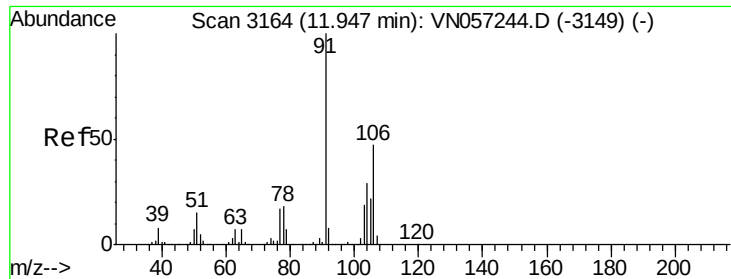
Tot Ion: 91 Resp: 65280
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.0



#68
m/p-Xylenes
Concen: 4.079 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN057259.D
Acq: 13 Aug 2019 20:37

Tgt Ion: 106 Resp: 91340
Ion Ratio Lower Upper
106 100
91 203.2 161.4 242.0

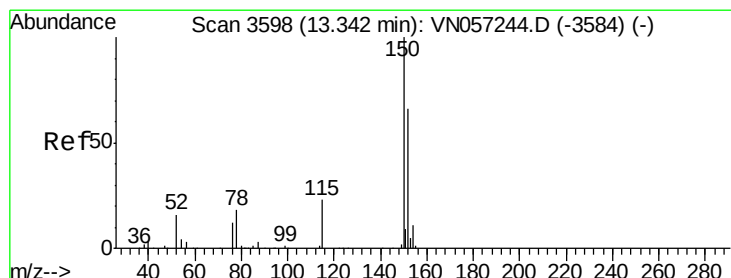
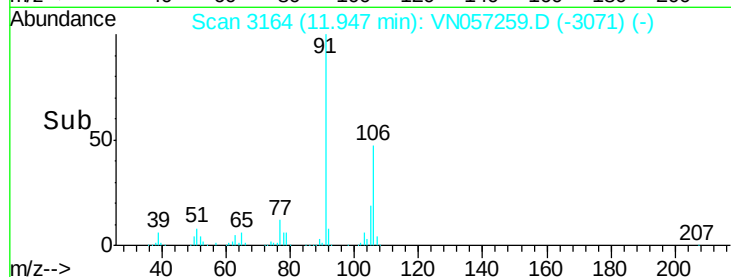
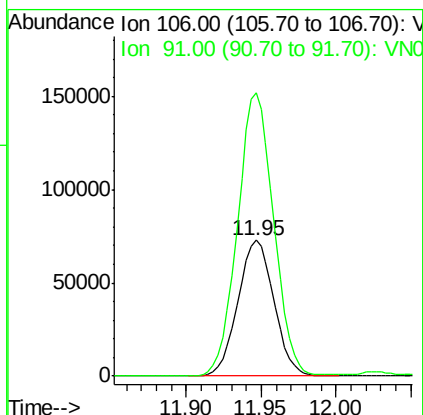
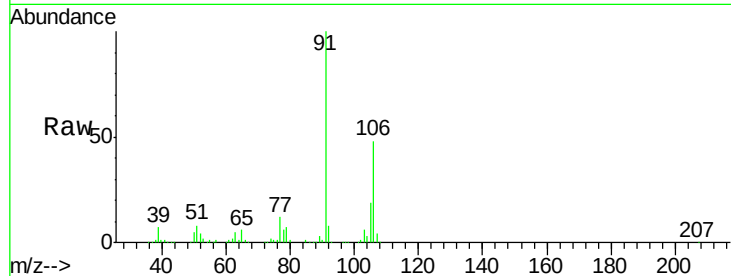




#69
o-Xylene
Concen: 5.574 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057259.D
Acq: 13 Aug 2019 20:37

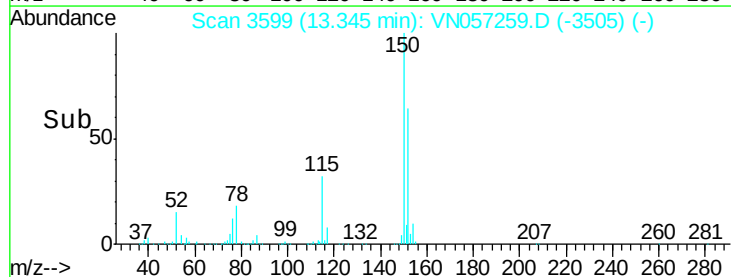
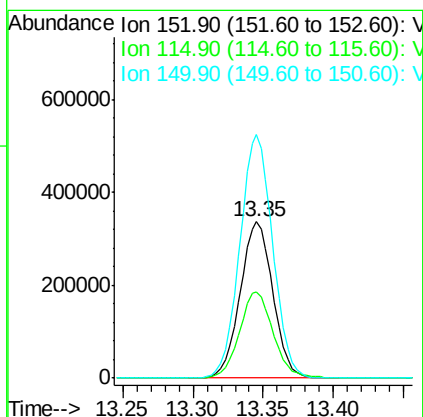
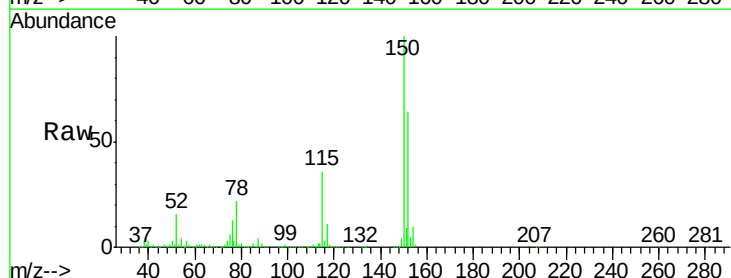
Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK

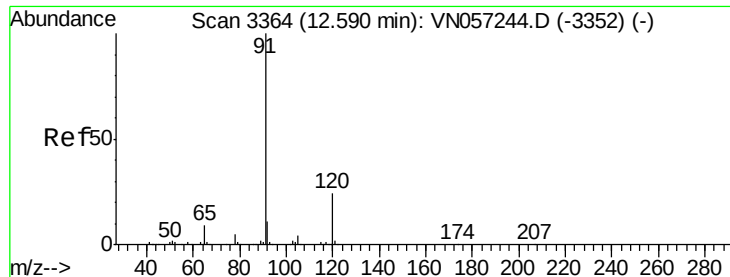
Tot Ion:106 Resp: 122200
Ion Ratio Lower Upper
106 100
91 208.8 106.5 319.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057259.D
Acq: 13 Aug 2019 20:37

Tgt Ion:152 Resp: 547538
Ion Ratio Lower Upper
152 100
115 56.6 27.6 82.8
150 156.5 0.0 348.4





#78

n-propylbenzene

Concen: 1.438 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057259.D

Acq: 13 Aug 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

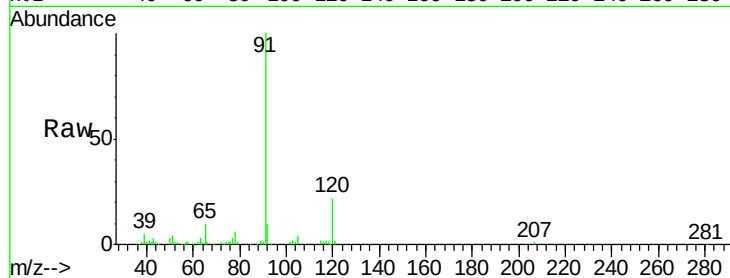
FRAC-TANK

Tot Ion: 91 Resp: 115870

Ion Ratio Lower Upper

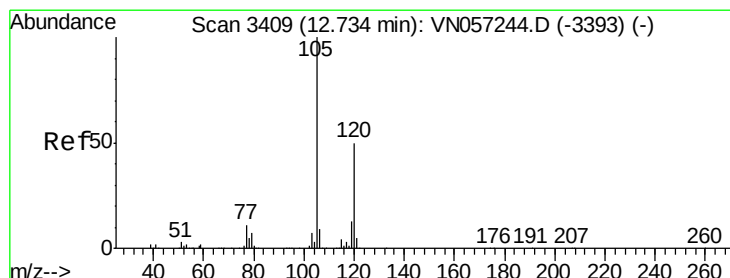
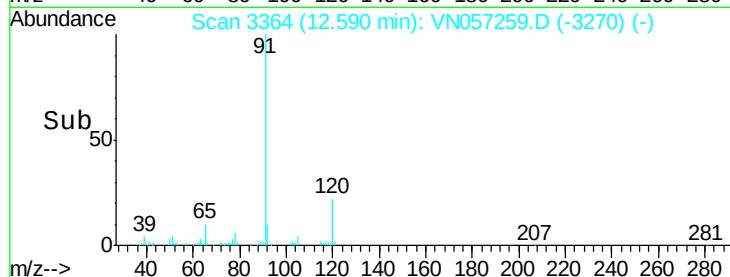
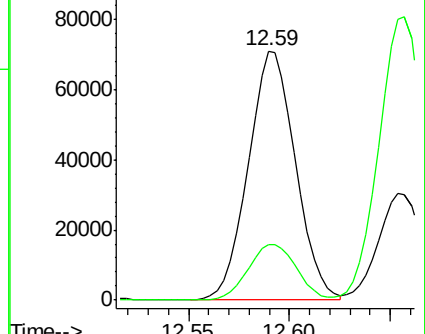
91 100

120 23.0 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN057244.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN057244.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 3.938 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057259.D

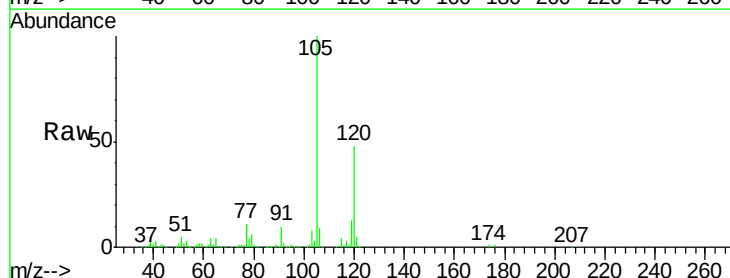
Acq: 13 Aug 2019 20:37

Tgt Ion: 105 Resp: 212276

Ion Ratio Lower Upper

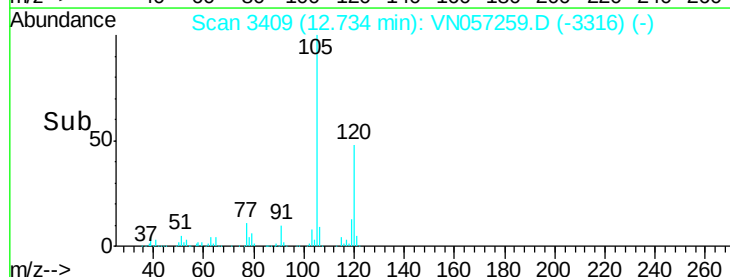
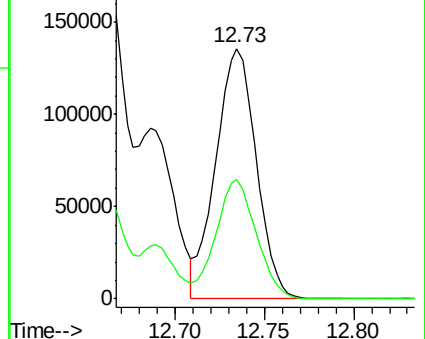
105 100

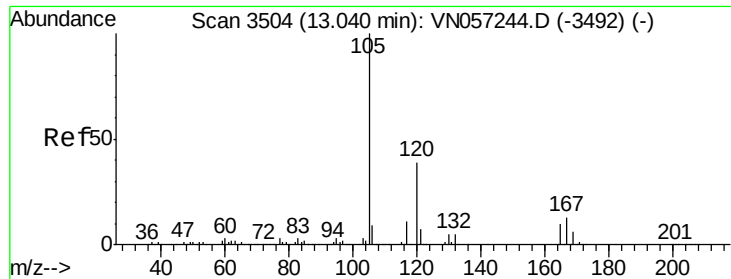
120 47.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VN057244.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN057244.D (-3393) (-)





#84
 1,2,4-Trimethylbenzene
 Concen: 20.026 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN057259.D
 Acq: 13 Aug 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK

Tot Ion:105 Resp: 772129
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.5

