

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082219\
 Data File : VN057459.D
 Acq On : 23 Aug 2019 2:48
 Operator : JC/SP
 Sample : K4418-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CFVP-228L

Quant Time: Aug 23 05:59:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	429476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	757998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	631297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	174941	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	352819	46.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.40%	
35) Dibromofluoromethane	7.58	113	239867	46.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.70%	
50) Toluene-d8	10.09	98	954266	49.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.40	95	277232	42.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.52%	

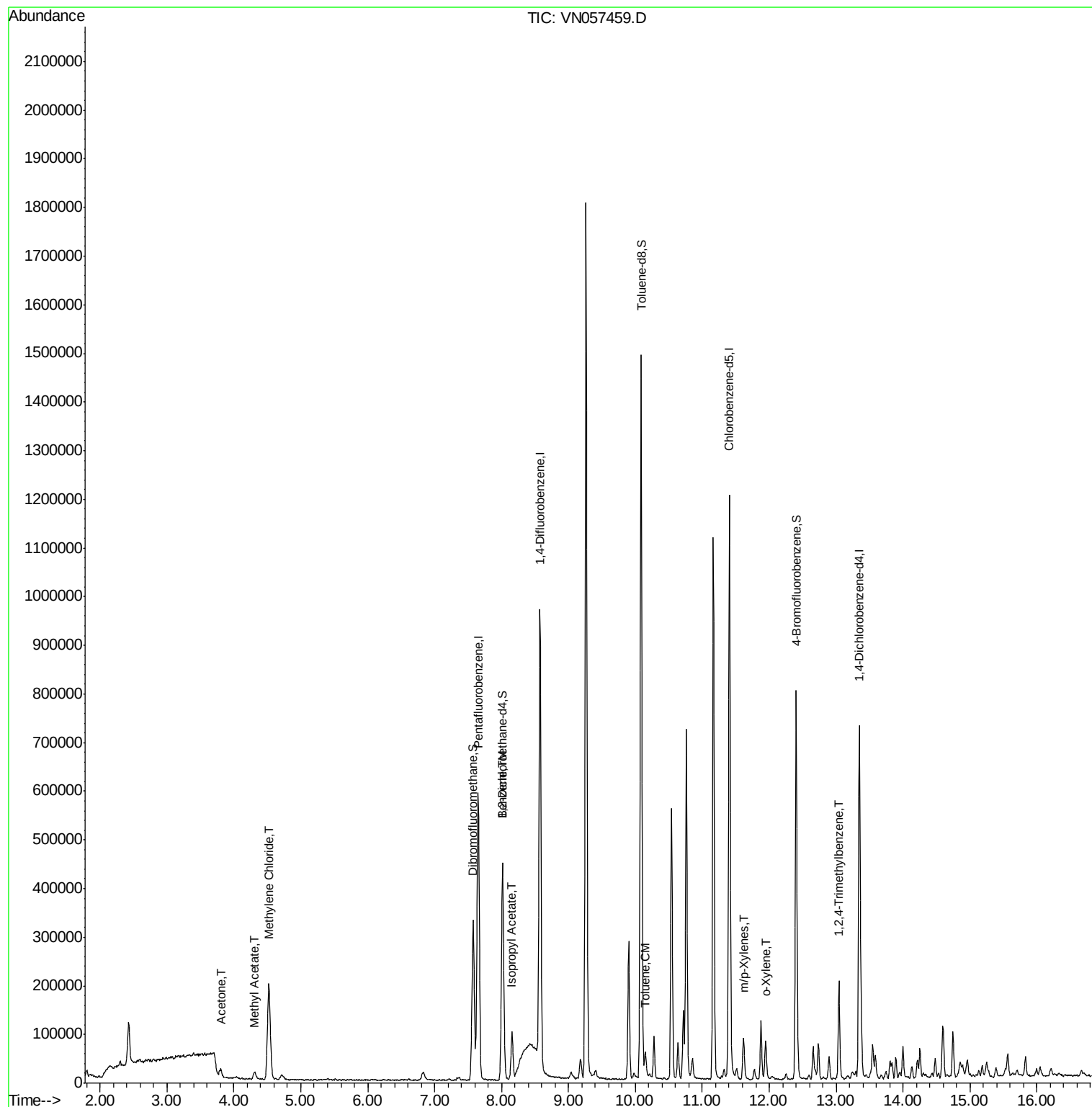
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	26192	7.549	ug/l	99
18) Methyl Acetate	4.31	43	29494	3.043	ug/l	97
20) Methylene Chloride	4.53	84	128298	24.903	ug/l	95
40) Benzene	8.02	78	39740	1.709	ug/l	96
43) Isopropyl Acetate	8.16	43	120634	8.596	ug/l	100
52) Toluene	10.15	92	19515	1.457	ug/l	95
68) m/p-Xylenes	11.62	106	24974	2.973	ug/l	96
69) o-Xylene	11.95	106	21414	2.573	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	107667	7.916	ug/l	97

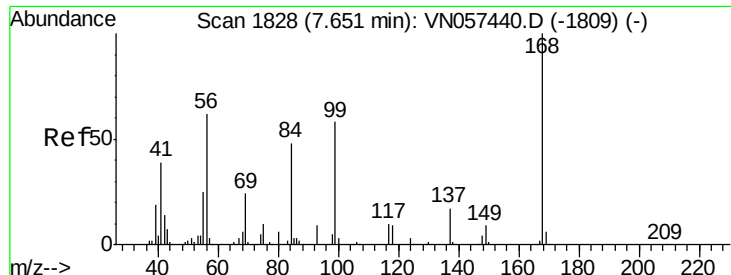
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057459.D

Acq: 23 Aug 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

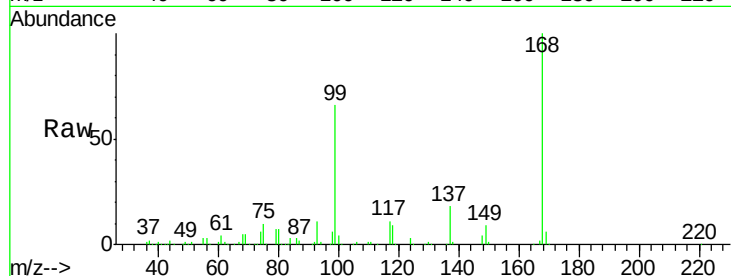
CFVP-228L

Tot Ion:168 Resp: 429476

Ion Ratio Lower Upper

168 100

99 65.8 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057440.D (-1809) (-)

7.65

200000

150000

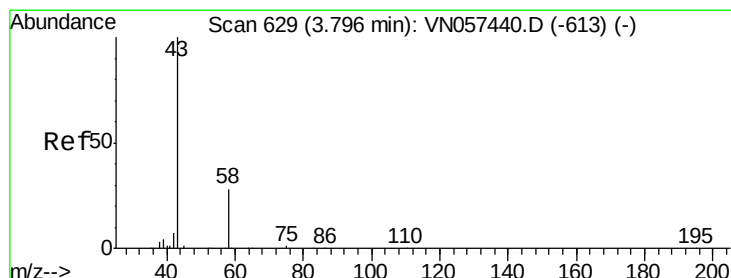
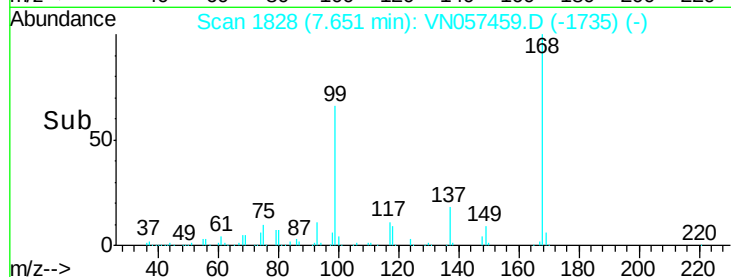
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 7.549 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057459.D

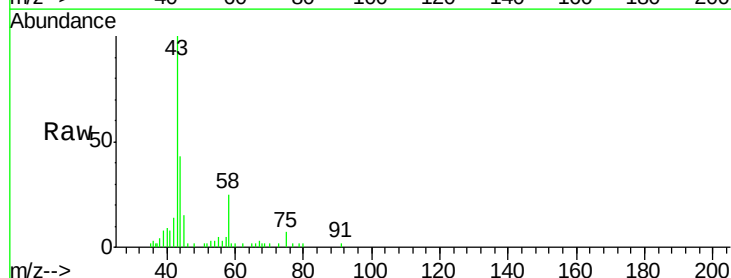
Acq: 23 Aug 2019 2:48

Tgt Ion: 43 Resp: 26192

Ion Ratio Lower Upper

43 100

58 27.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-613) (-)

Ion 58.00 (57.70 to 58.70): VN057440.D (-613) (-)

3.81

12000

10000

8000

6000

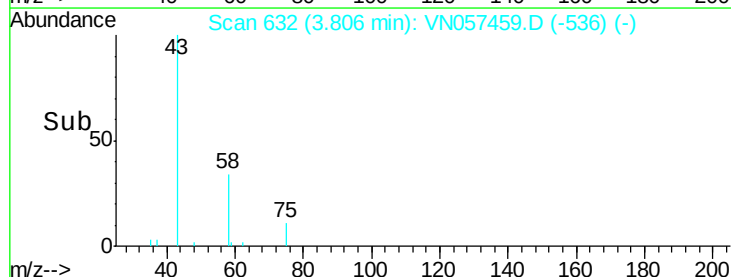
4000

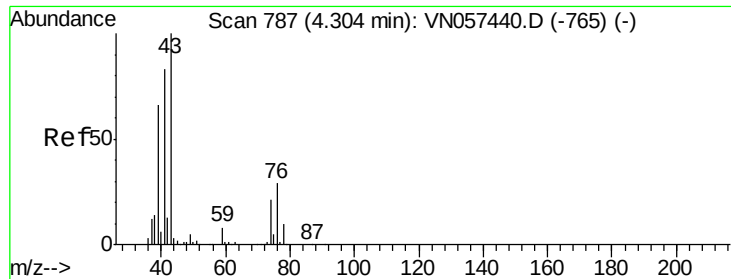
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#18

Methyl Acetate

Concen: 3.043 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057459.D

Acq: 23 Aug 2019 2:48

Instrument :

MSVOA_N

ClientSampled :

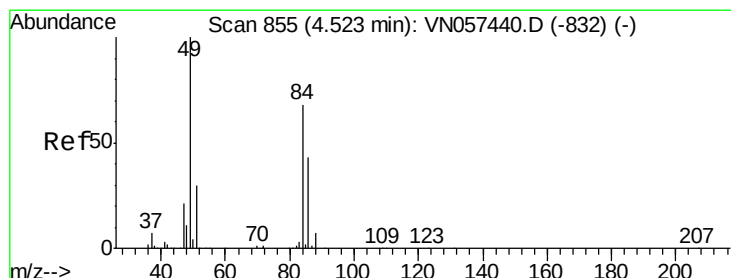
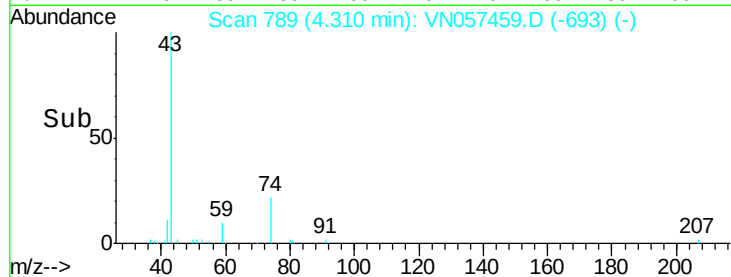
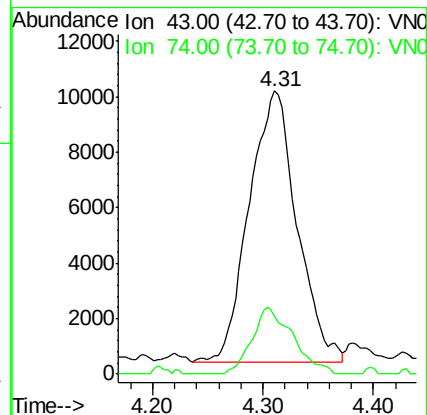
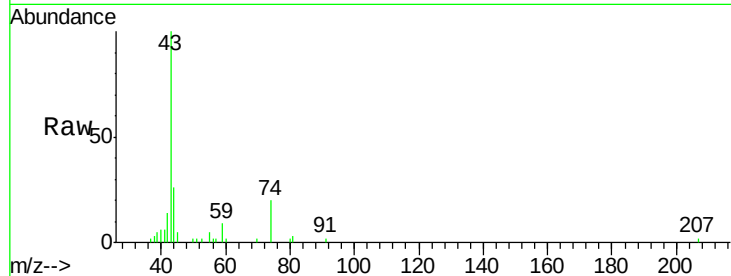
CFVP-228L

Tot Ion: 43 Resp: 29494

Ion Ratio Lower Upper

43 100

74 21.1 15.9 23.9



#20

Methylene Chloride

Concen: 24.903 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057459.D

Acq: 23 Aug 2019 2:48

Tgt Ion: 84 Resp: 128298

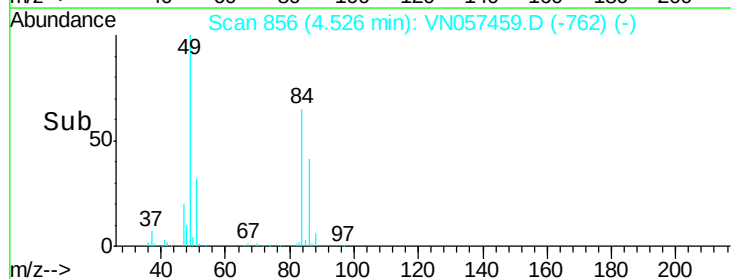
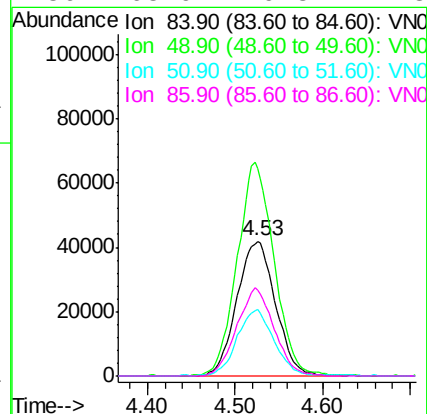
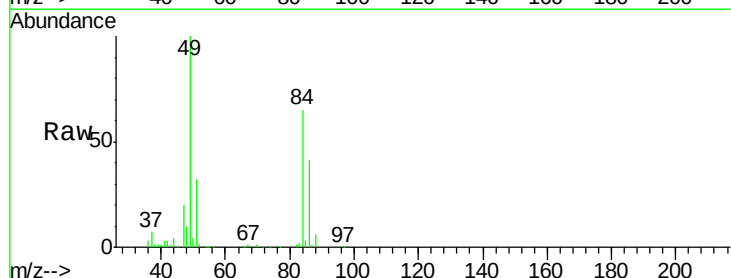
Ion Ratio Lower Upper

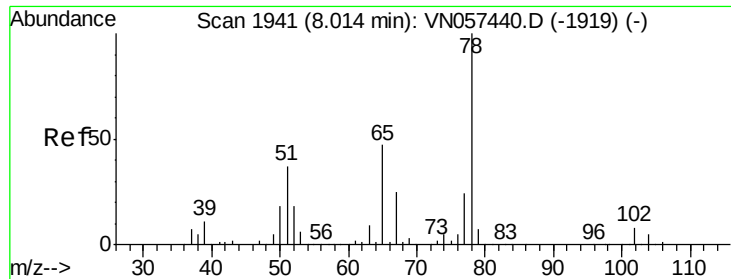
84 100

49 153.5 117.0 175.4

51 48.7 35.5 53.3

86 63.9 49.8 74.8

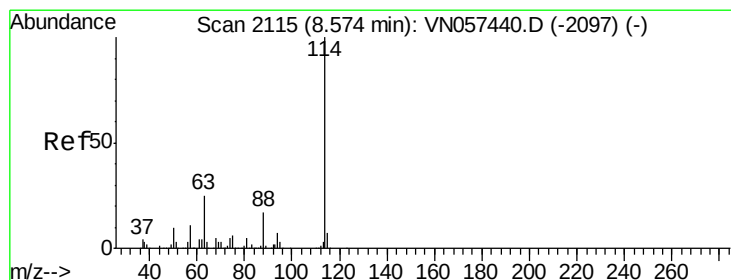
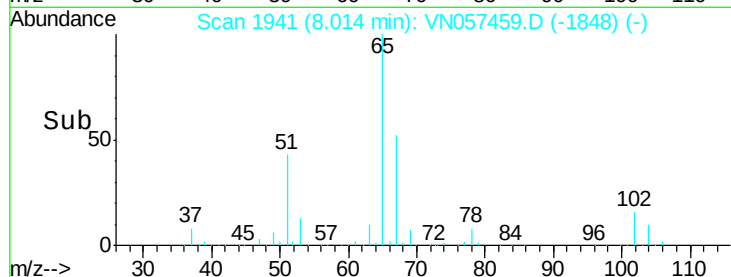
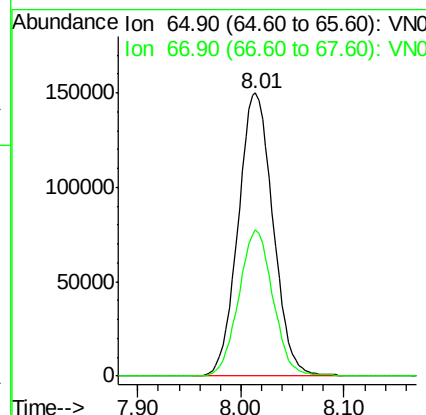
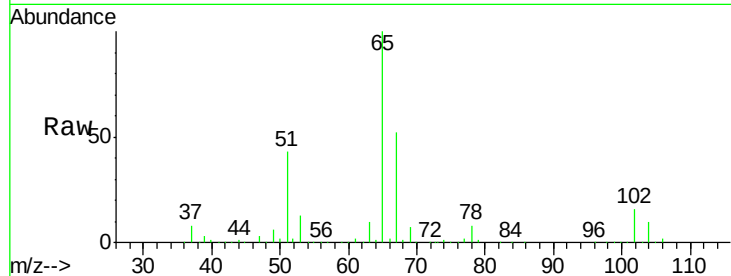




#33
 1,2-Dichloroethane-d4
 Concen: 46.700 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057459.D
 Acq: 23 Aug 2019 2:48

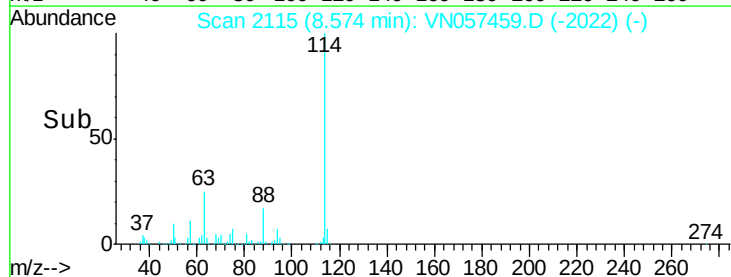
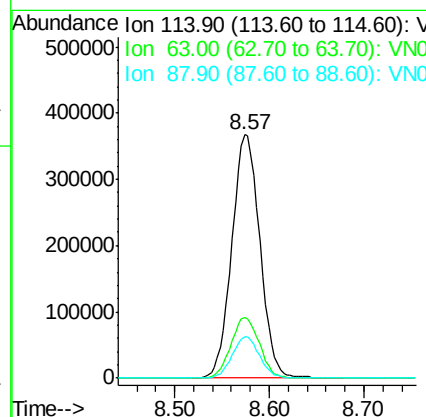
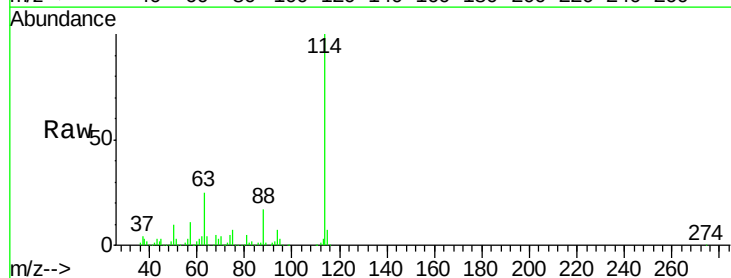
Instrument :
 MSVOA_N
 ClientSampled :
 CFVP-228L

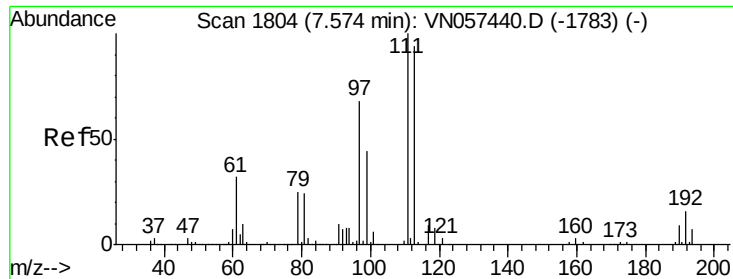
Tot Ion: 65 Resp: 352819
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057459.D
 Acq: 23 Aug 2019 2:48

Tgt Ion: 114 Resp: 757998
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.2
 88 16.9 0.0 34.6

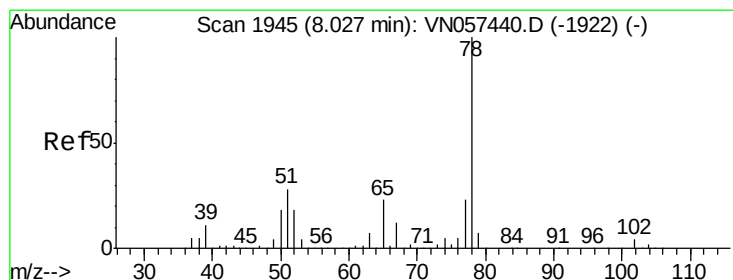
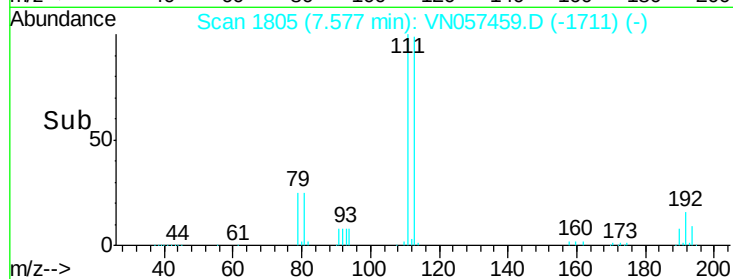
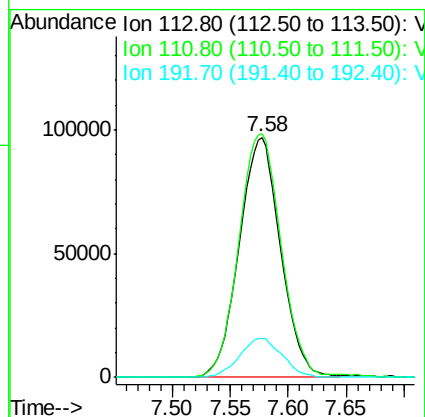
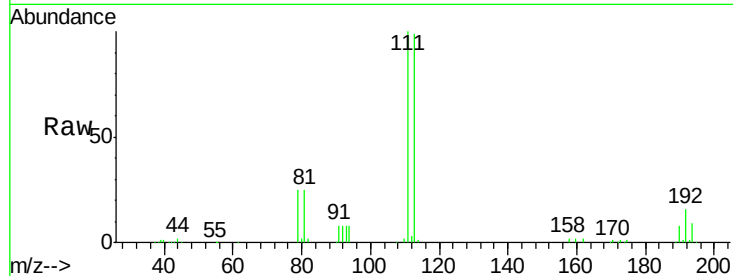




#35
 Dibromofluoromethane
 Concen: 46.850 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057459.D
 Acq: 23 Aug 2019 2:48

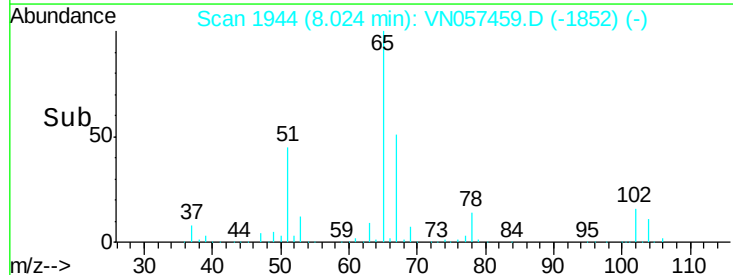
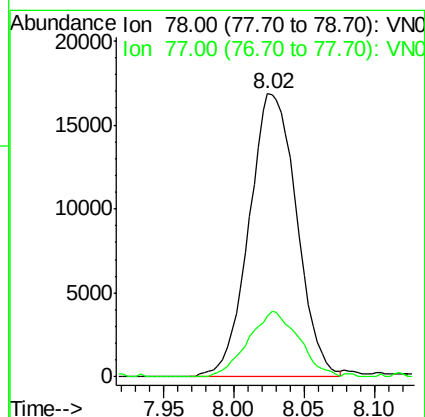
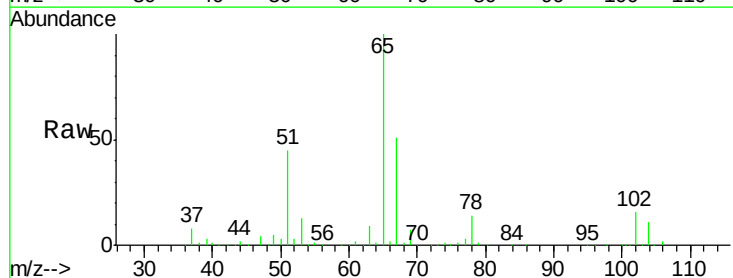
Instrument :
 MSVOA_N
 ClientSampled :
 CFVP-228L

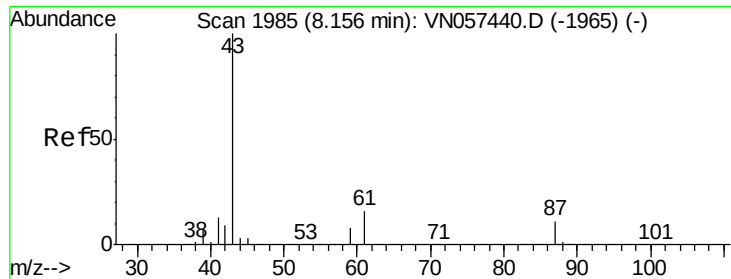
Tot Ion:113 Resp: 239867
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.8 125.6
 192 16.8 13.5 20.3



#40
 Benzene
 Concen: 1.709 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN057459.D
 Acq: 23 Aug 2019 2:48

Tgt Ion: 78 Resp: 39740
 Ion Ratio Lower Upper
 78 100
 77 21.3 18.5 27.7





#43

Isopropyl Acetate

Concen: 8.596 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057459.D

Acq: 23 Aug 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

CFVP-228L

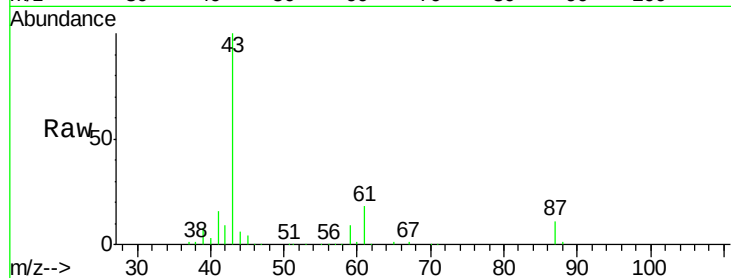
Tot Ion: 43 Resp: 120634

Ion Ratio Lower Upper

43 100

61 17.9 14.5 21.7

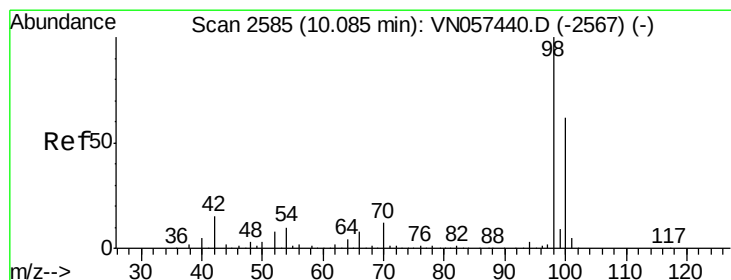
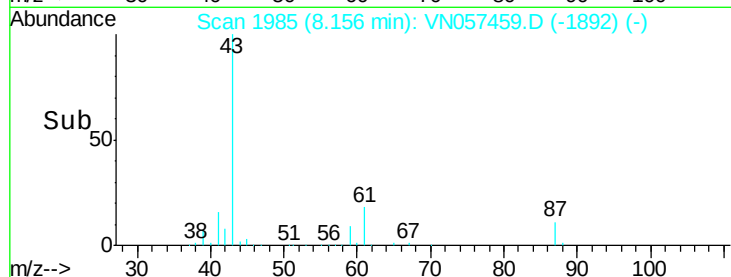
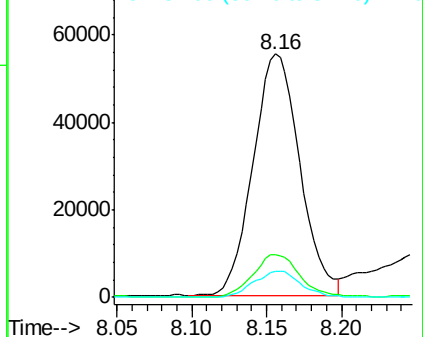
87 10.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.292 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057459.D

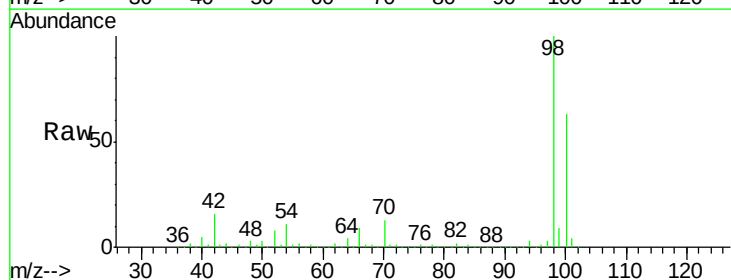
Acq: 23 Aug 2019 2:48

Tgt Ion: 98 Resp: 954266

Ion Ratio Lower Upper

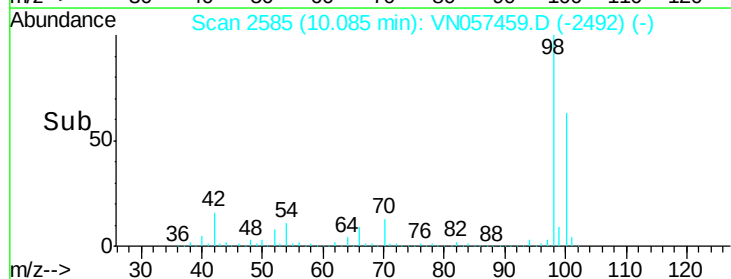
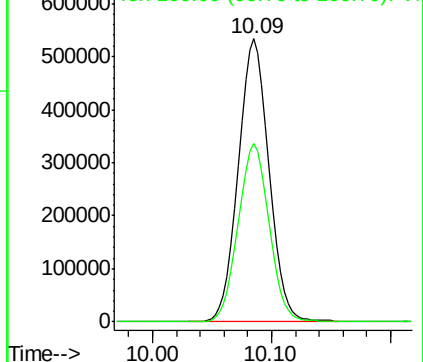
98 100

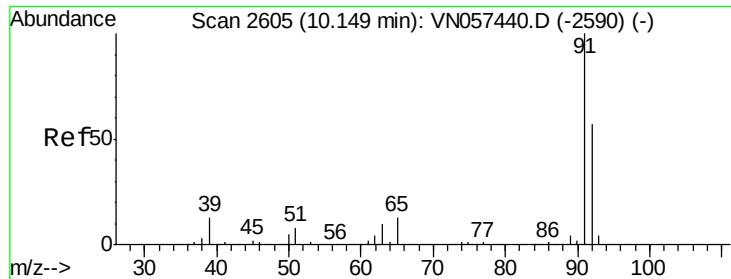
100 63.6 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 1.457 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN057459.D

Acq: 23 Aug 2019 2:48

Instrument :

MSVOA_N

ClientSampled :

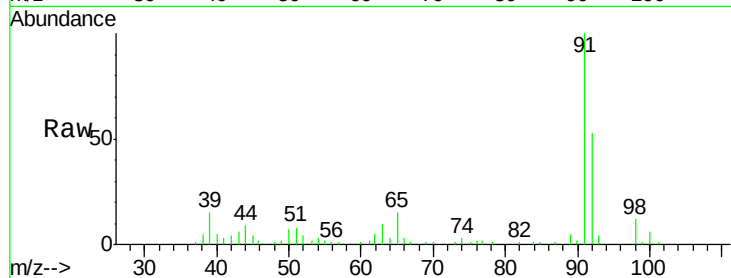
CFVP-228L

Tot Ion: 92 Resp: 19515

Ion Ratio Lower Upper

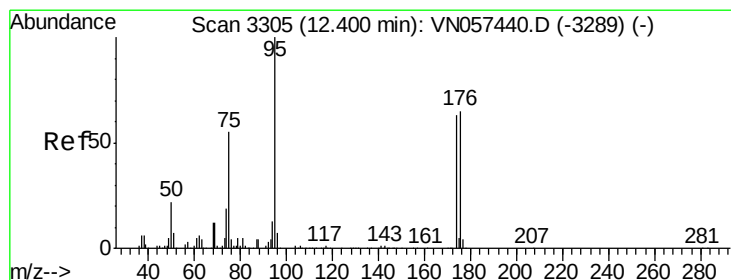
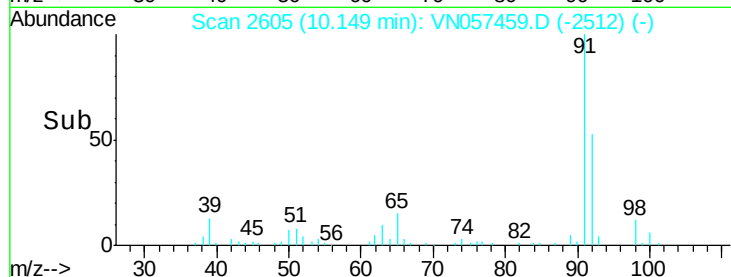
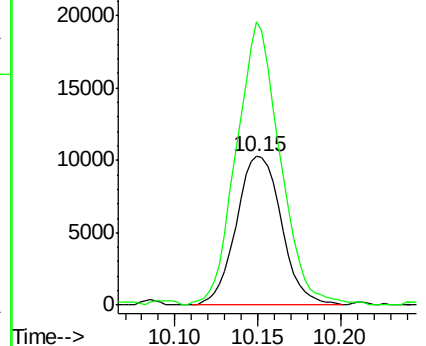
92 100

91 183.5 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 42.257 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057459.D

Acq: 23 Aug 2019 2:48

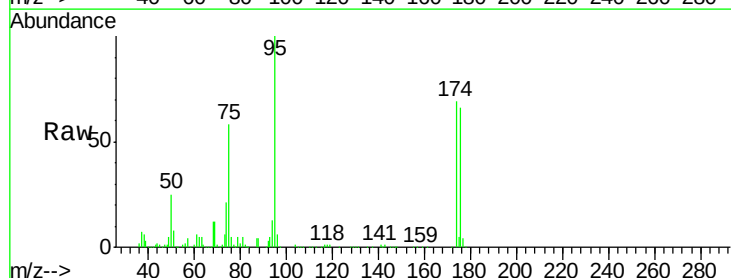
Tgt Ion: 95 Resp: 277232

Ion Ratio Lower Upper

95 100

174 68.7 0.0 133.0

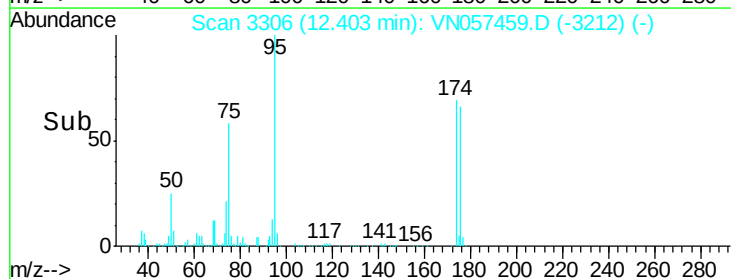
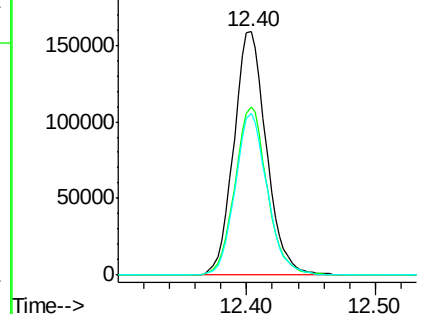
176 65.9 0.0 130.8

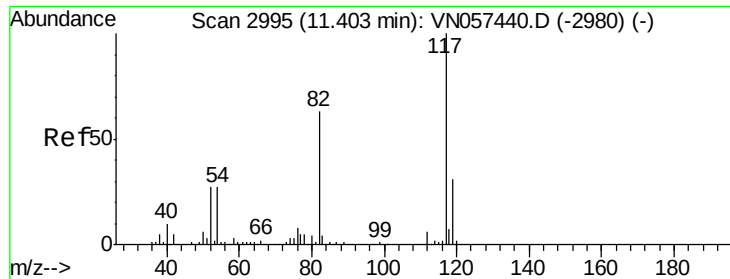


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

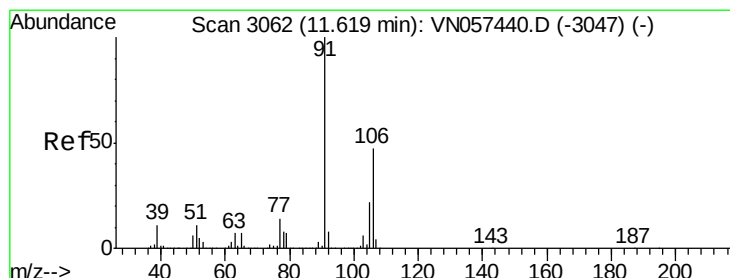
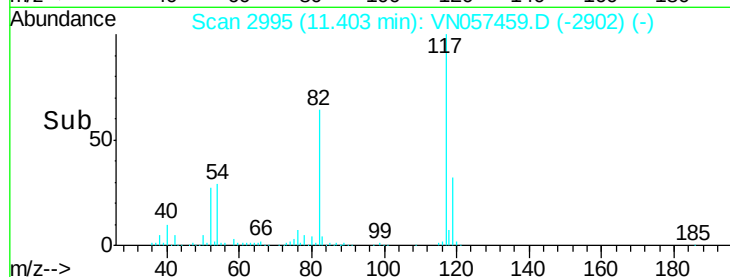
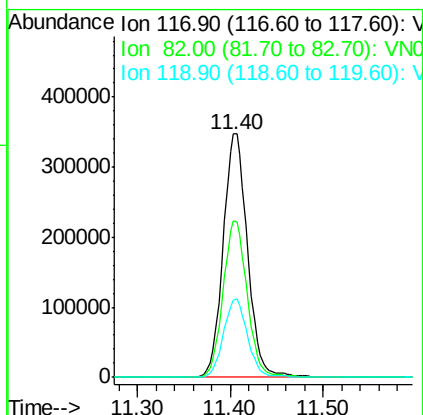
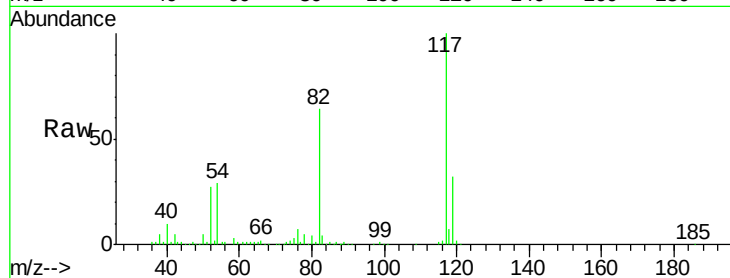




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057459.D
Acq: 23 Aug 2019 2:48

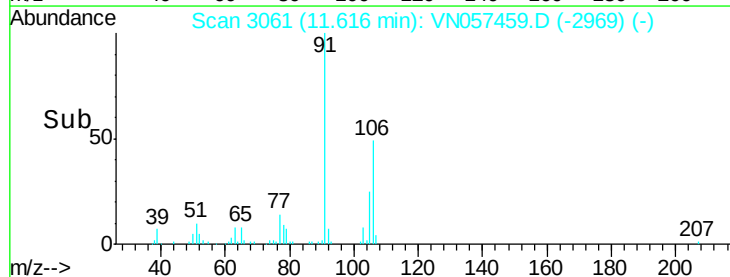
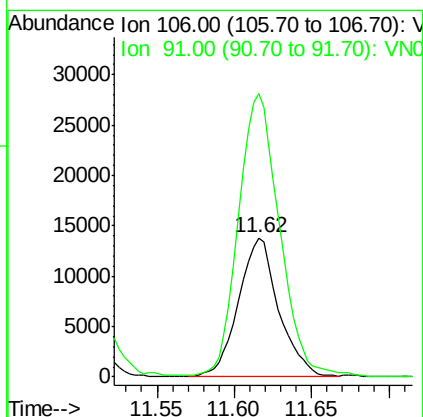
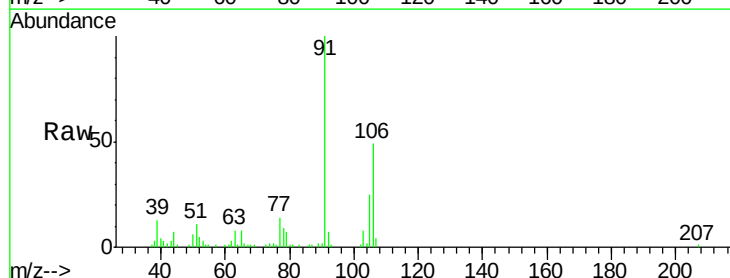
Instrument :
MSVOA_N
ClientSampleId :
CFVP-228L

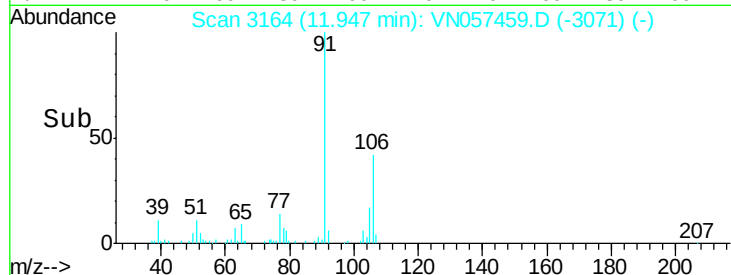
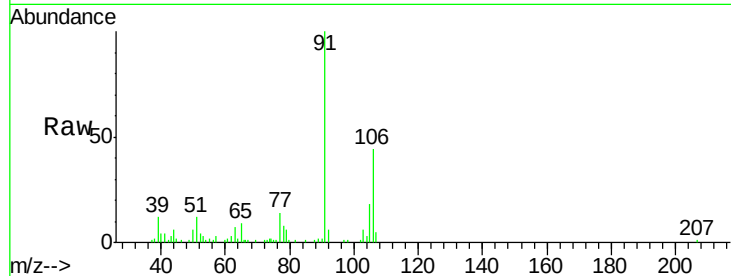
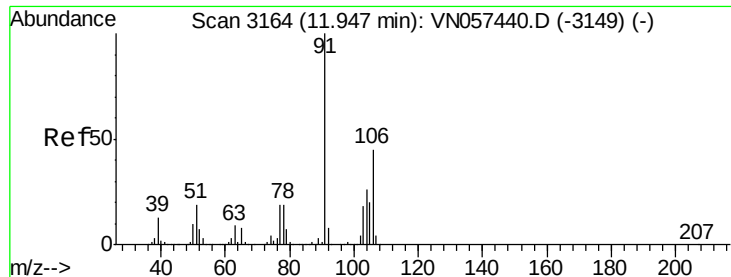
Tot Ion:117 Resp: 631297
Ion Ratio Lower Upper
117 100
82 64.4 50.6 75.8
119 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 2.973 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN057459.D
Acq: 23 Aug 2019 2:48

Tgt Ion:106 Resp: 24974
Ion Ratio Lower Upper
106 100
91 209.1 171.8 257.6

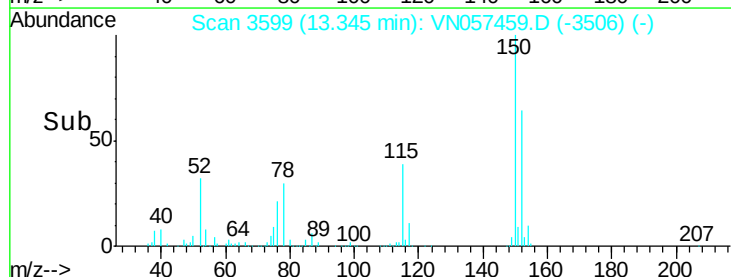
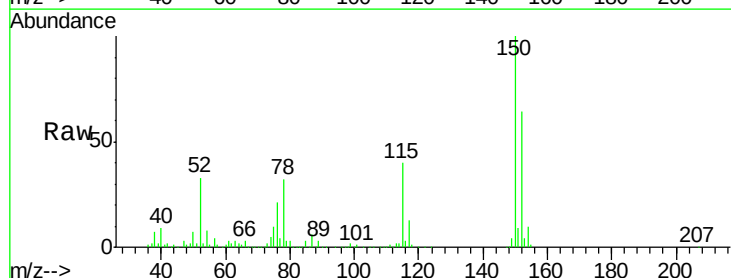
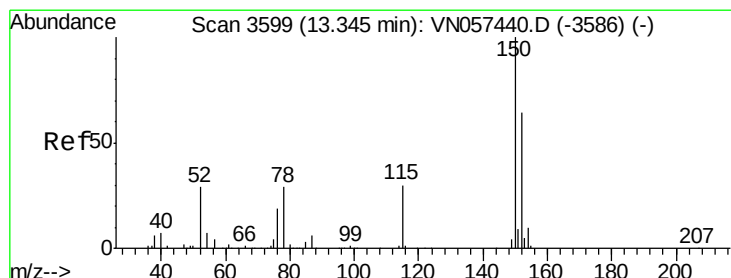
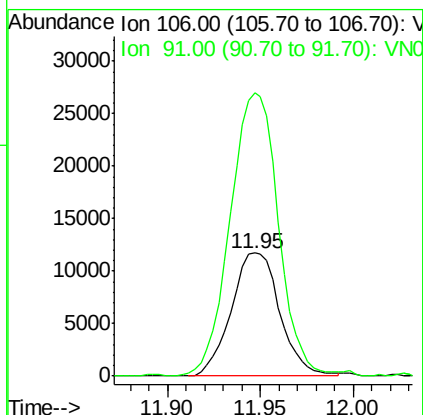




#69
o-Xylene
Concen: 2.573 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057459.D
Acq: 23 Aug 2019 2:48

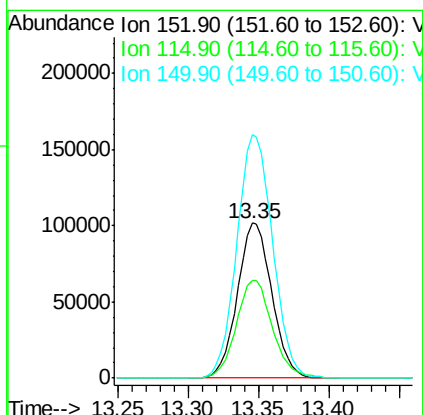
Instrument :
MSVOA_N
ClientSampled :
CFVP-228L

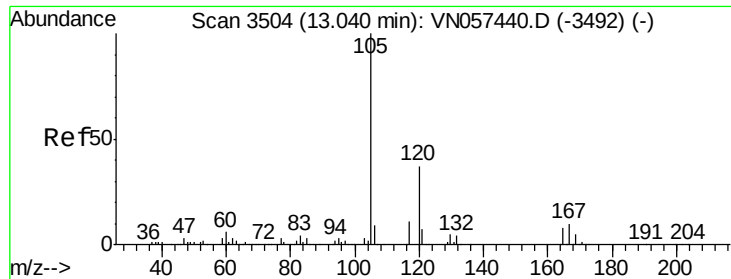
Tot Ion:106 Resp: 21414
Ion Ratio Lower Upper
106 100
91 228.6 112.3 336.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057459.D
Acq: 23 Aug 2019 2:48

Tgt Ion:152 Resp: 174941
Ion Ratio Lower Upper
152 100
115 65.2 32.0 96.0
150 162.8 0.0 346.6





#84
 1,2,4-Trimethylbenzene
 Concen: 7.916 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN057459.D
 Acq: 23 Aug 2019 2:48

Instrument :
 MSVOA_N
 ClientSampleId :
 CFVP-228L

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.1	21.9	65.7

