

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121819\
 Data File : VN059647.D
 Acq On : 18 Dec 2019 13:55
 Operator : JC/SP
 Sample : VN1218MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 04:26:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	231971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	372891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	337424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128423	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	168126	49.81	ug/l	0.00
Spiked Amount						
			Recovery	=	99.62%	
35) Dibromofluoromethane	7.57	113	117757	50.47	ug/l	0.00
Spiked Amount						
			Recovery	=	100.94%	
50) Toluene-d8	10.08	98	463701	50.20	ug/l	0.00
Spiked Amount						
			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	152035	45.11	ug/l	0.00
Spiked Amount						
			Recovery	=	90.22%	

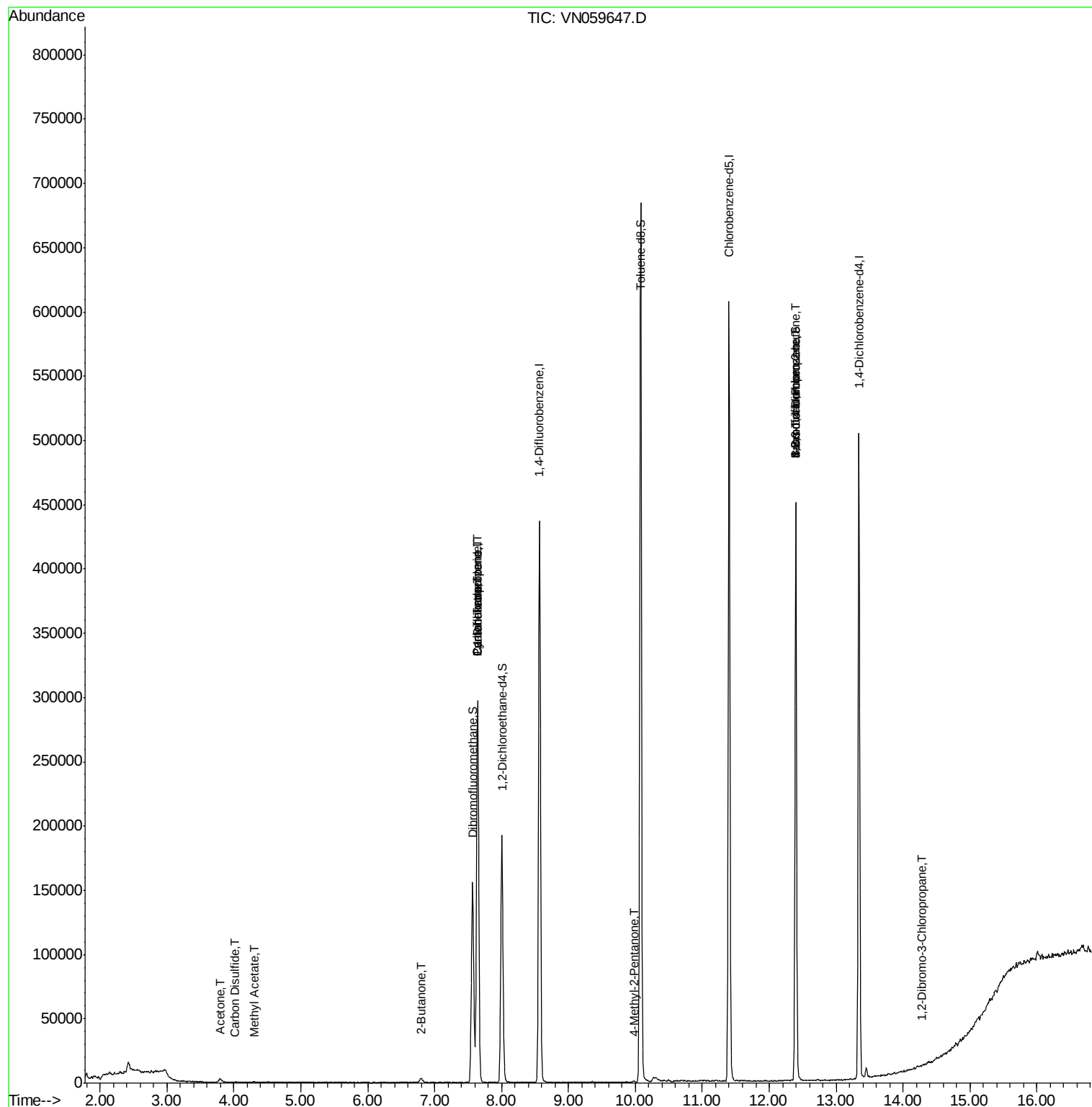
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	5115	2.552	ug/l #	86
17) Carbon Disulfide	4.02	76	747	1.969	ug/l #	75
18) Methyl Acetate	4.30	43	849	0.202	ug/l #	54
25) 2-Butanone	6.81	43	499	0.208	ug/l #	50
31) Cyclohexane	7.64	56	5547	1.125	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	19645	5.052	ug/l #	49
38) Carbon Tetrachloride	7.64	117	23127	5.731	ug/l #	16
51) 4-Methyl-2-Pentanone	9.97	43	866	0.207	ug/l	91
71) Bromoform	12.40	173	557	0.267	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	80991	25.475	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	80991	62.921	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.27	75	153	1.790	ug/l #	6

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

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Operator : JC/SP
Sample : VN1218MBL01
Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 19 04:26:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059647.D

Acq: 18 Dec 2019 13:55

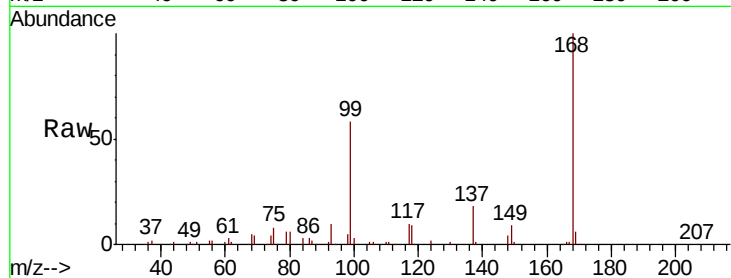
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 231971

Ion Ratio Lower Upper

168 100

99 58.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059587.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059587.D (-1807) (-)

7.64

100000

80000

60000

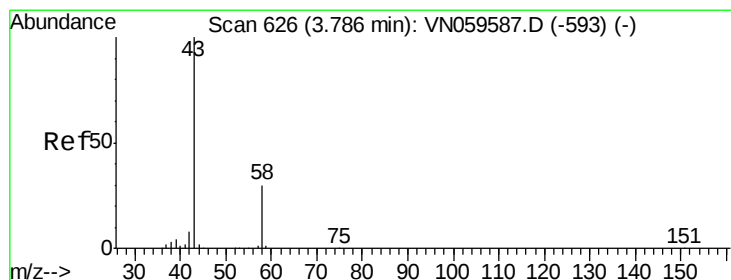
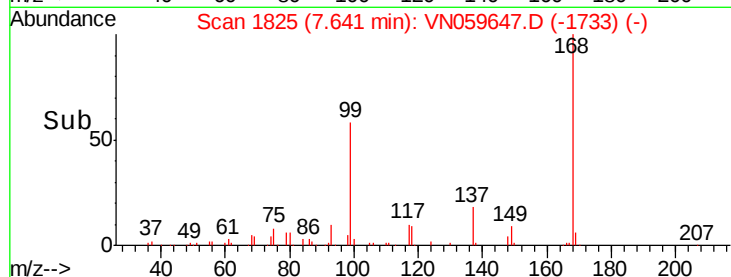
40000

20000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 2.552 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059647.D

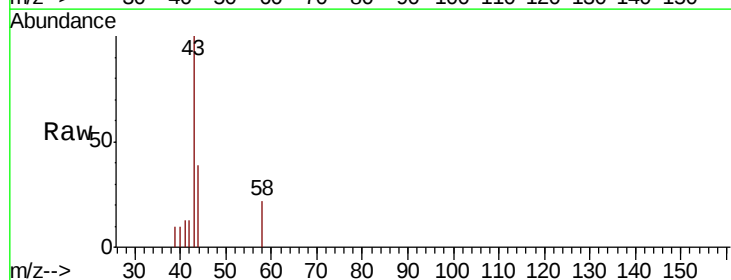
Acq: 18 Dec 2019 13:55

Tgt Ion: 43 Resp: 5115

Ion Ratio Lower Upper

43 100

58 22.1 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)

3.79

2000

1500

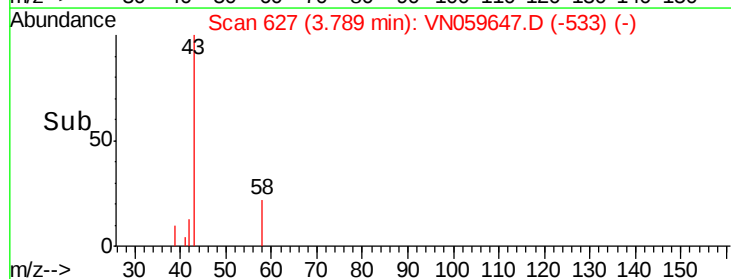
1000

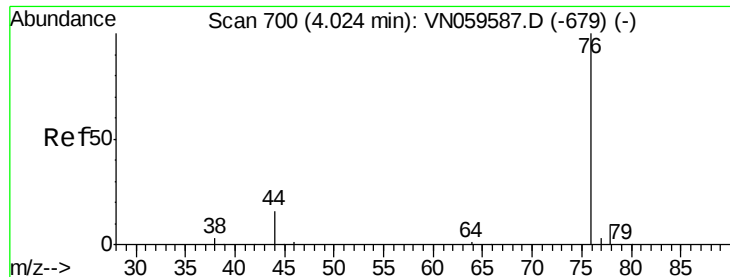
500

0

3.70 3.75 3.80 3.85 3.90

Time-->





#17

Carbon Disulfide

Concen: 1.969 ug/l

RT: 4.02 min Scan# 698

Delta R.T. -0.01 min

Lab File: VN059647.D

Acq: 18 Dec 2019 13:55

Instrument :

MSVOA_N

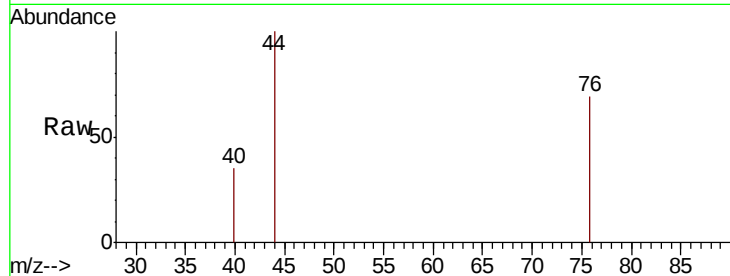
ClientSampled :

Tot Ion: 76 Resp: 747

Ion Ratio Lower Upper

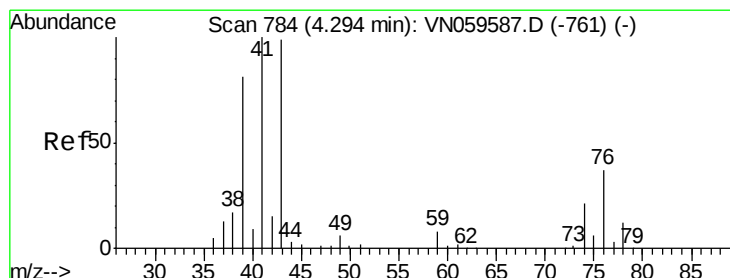
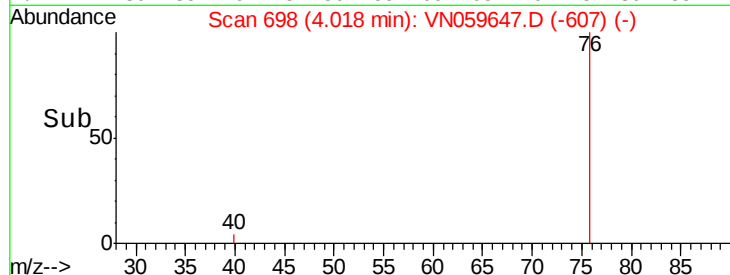
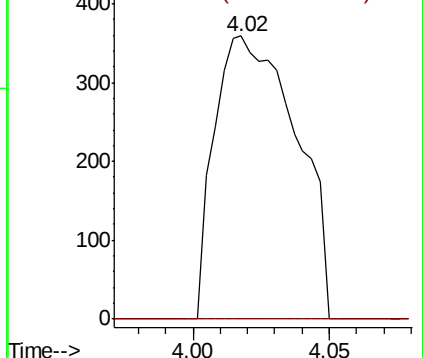
76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.202 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.01 min

Lab File: VN059647.D

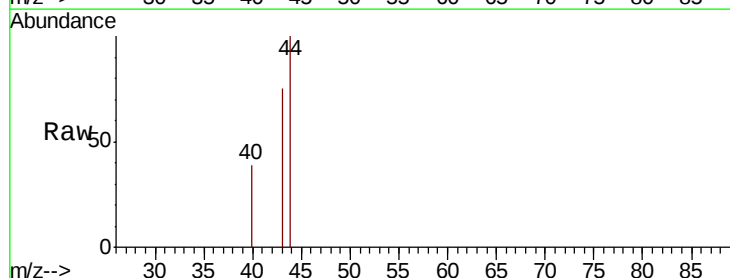
Acq: 18 Dec 2019 13:55

Tgt Ion: 43 Resp: 849

Ion Ratio Lower Upper

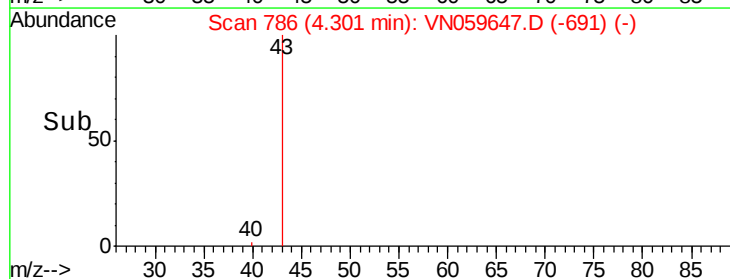
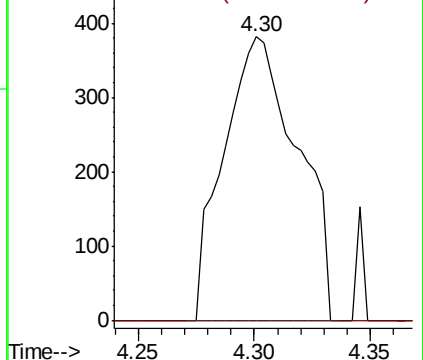
43 100

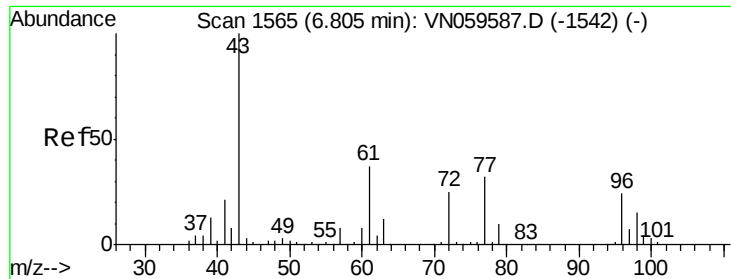
74 0.0 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

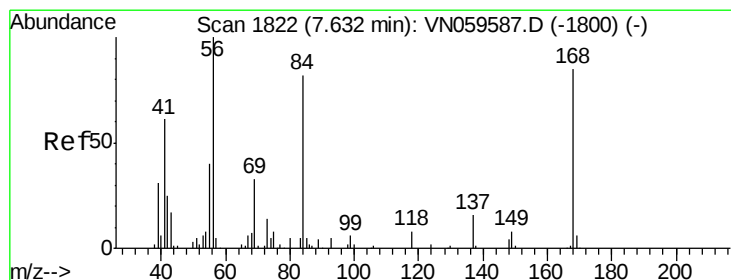
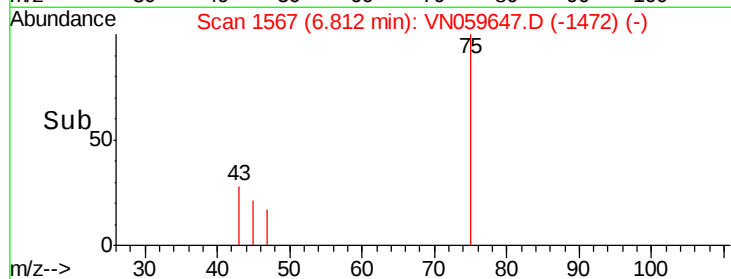
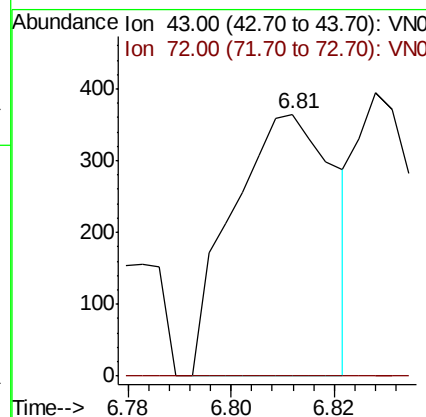
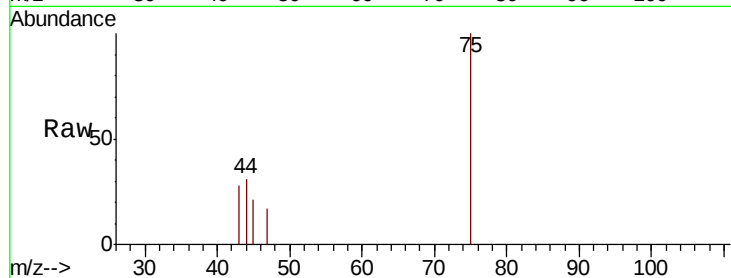




#25
2-Butanone
Concen: 0.208 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN059647.D
Acq: 18 Dec 2019 13:55

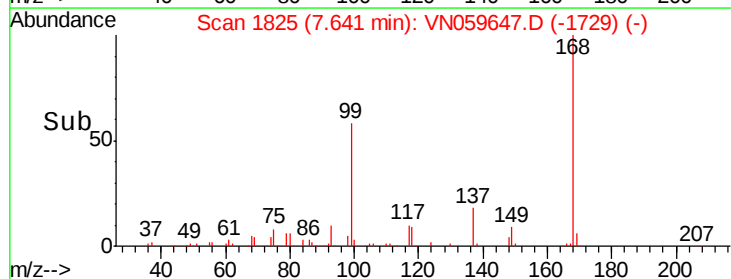
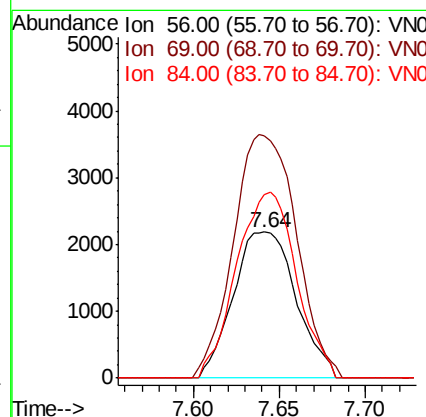
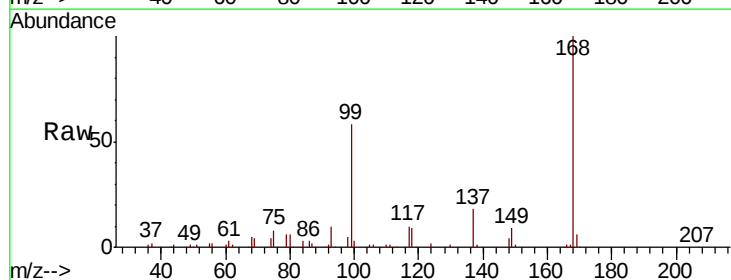
Instrument :
MSVOA_N
ClientSampled :

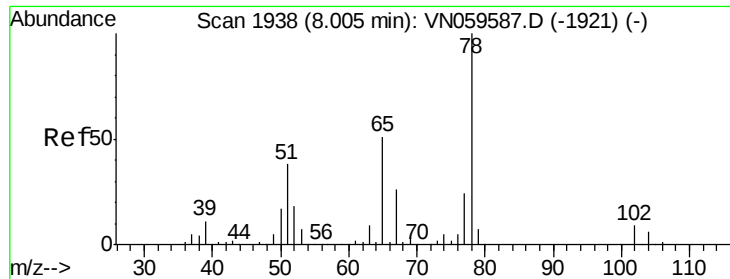
Tot Ion: 43 Resp: 499
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059647.D
Acq: 18 Dec 2019 13:55

Tgt Ion: 56 Resp: 5547
Ion Ratio Lower Upper
56 100
69 166.4 26.5 39.7#
84 126.2 65.3 97.9#

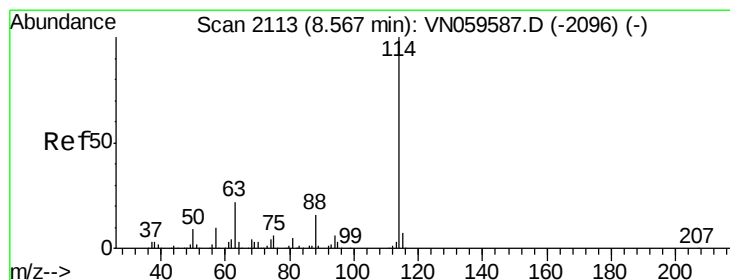
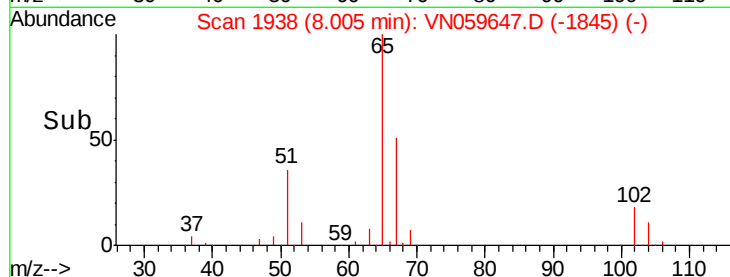
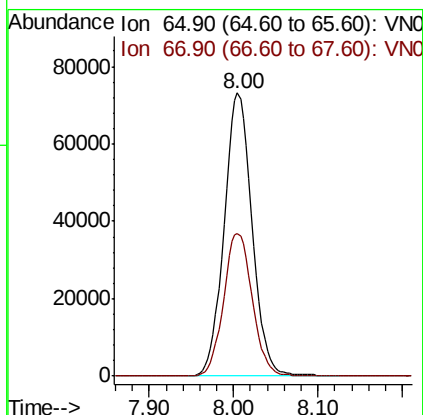
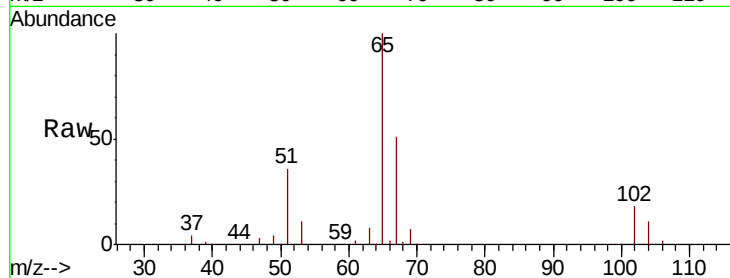




#33
 1,2-Dichloroethane-d4
 Concen: 49.807 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059647.D
 Acq: 18 Dec 2019 13:55

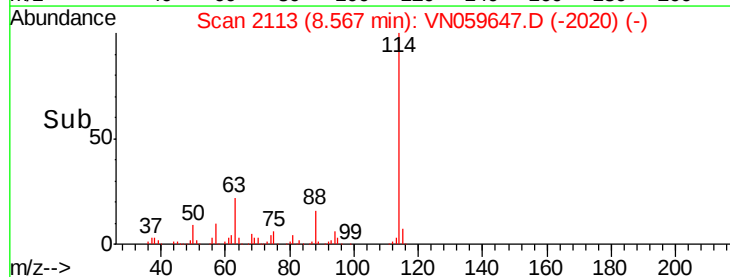
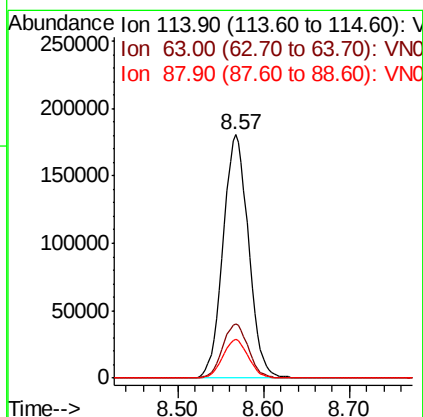
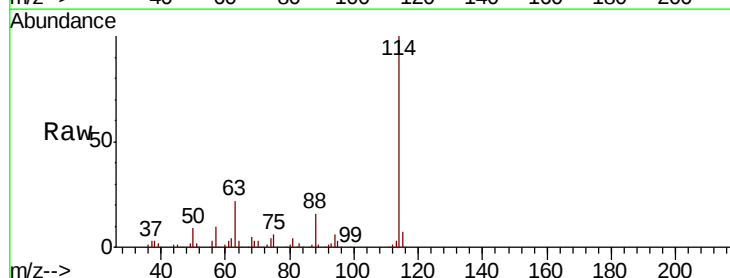
Instrument :
 MSVOA_N
 ClientSampled :

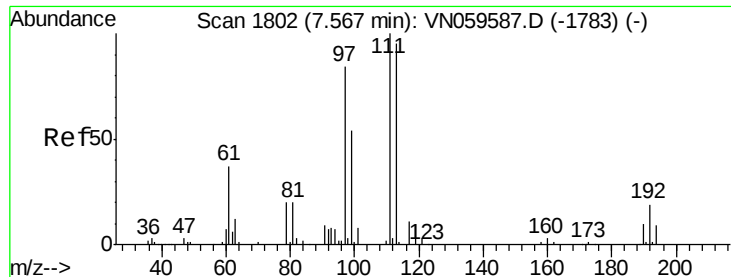
Tot Ion: 65 Resp: 168126
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059647.D
 Acq: 18 Dec 2019 13:55

Tgt Ion: 114 Resp: 372891
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.6
 88 15.8 0.0 31.4

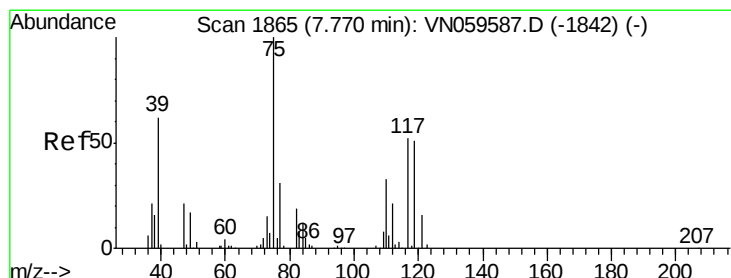
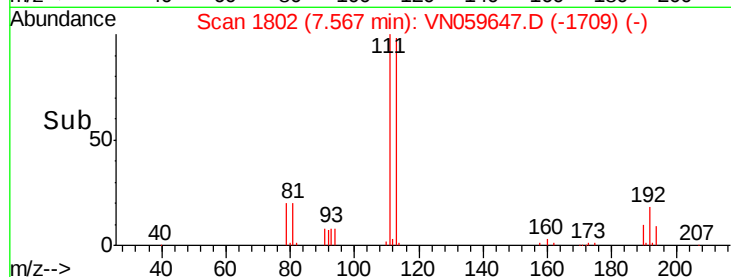
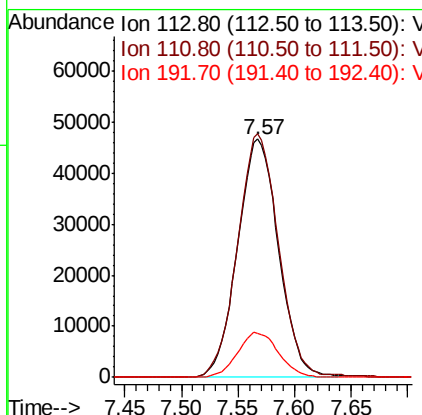
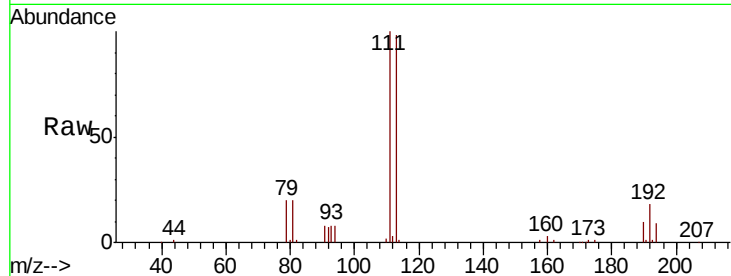




#35
 Dibromofluoromethane
 Concen: 50.472 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059647.D
 Acq: 18 Dec 2019 13:55

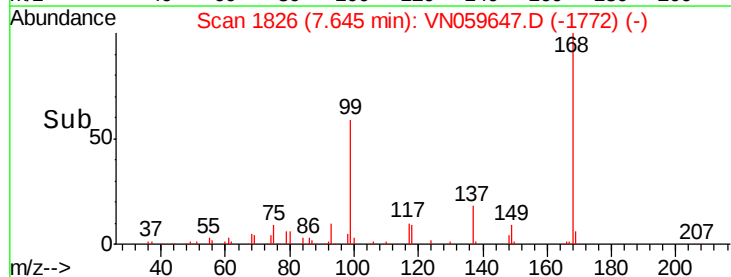
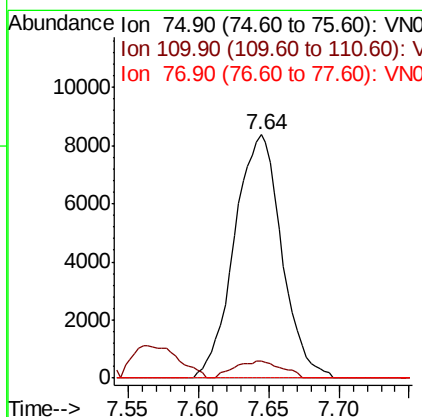
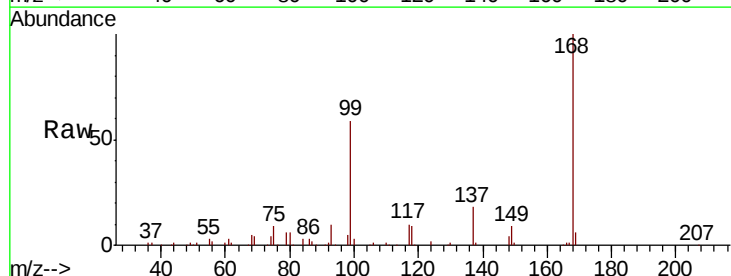
Instrument :
 MSVOA_N
 ClientSampleId :

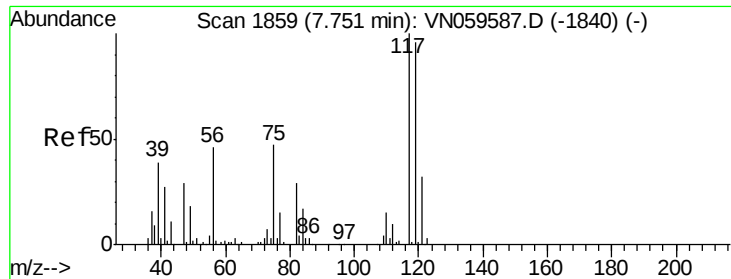
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.5	125.3
192	18.8	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 5.052 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059647.D
 Acq: 18 Dec 2019 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.6	49.7#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.731 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059647.D

Acq: 18 Dec 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

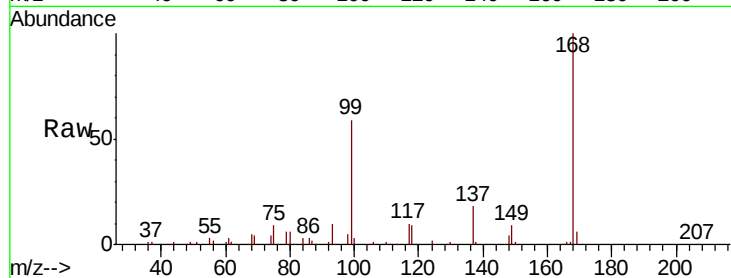
Tot Ion:117 Resp: 23127

Ion Ratio Lower Upper

117 100

119 4.8 76.5 114.7#

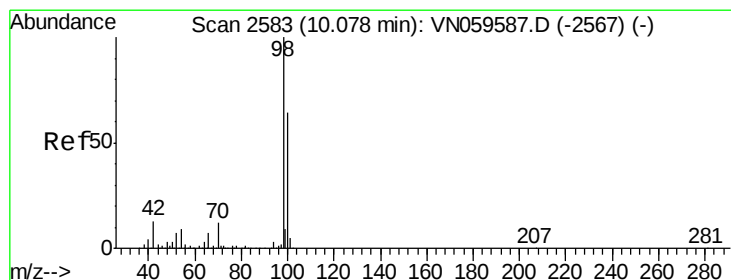
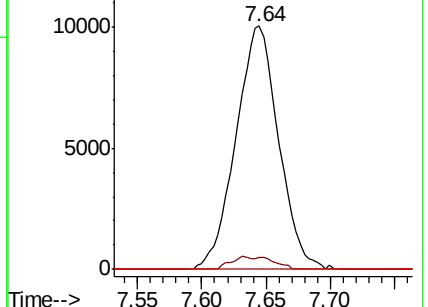
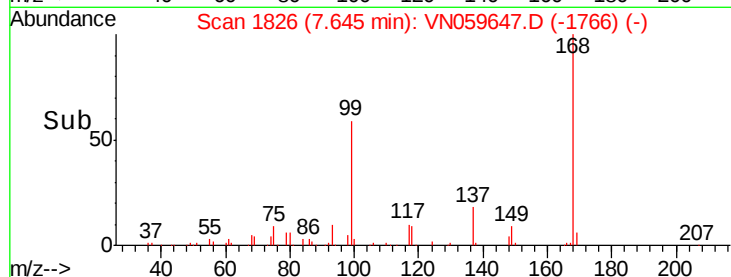
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.199 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059647.D

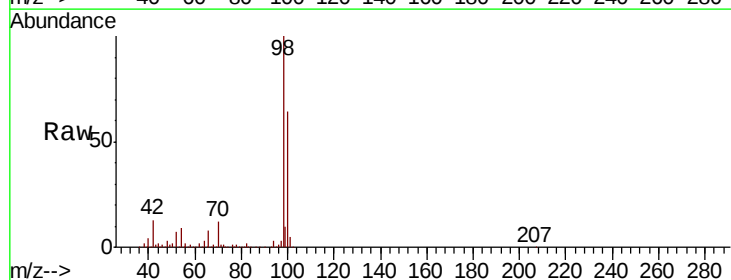
Acq: 18 Dec 2019 13:55

Tgt Ion: 98 Resp: 463701

Ion Ratio Lower Upper

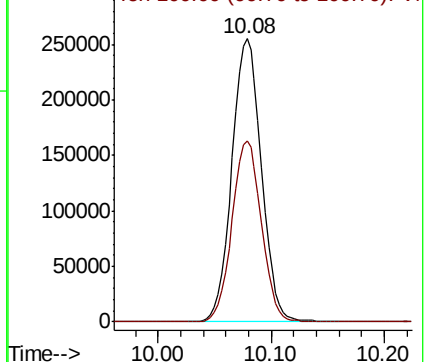
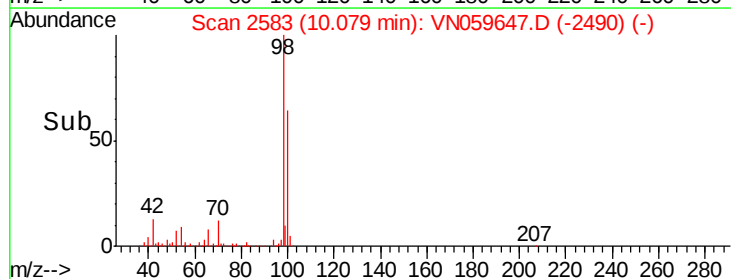
98 100

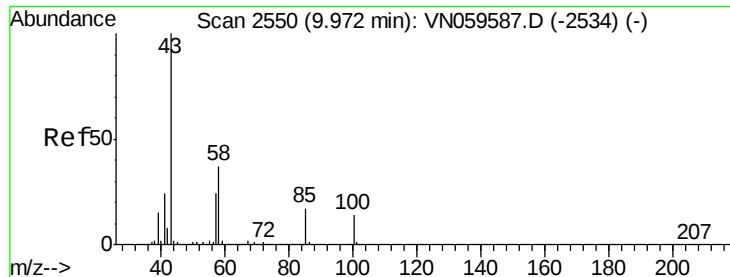
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.207 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059647.D

Acq: 18 Dec 2019 13:55

Instrument :

MSVOA_N

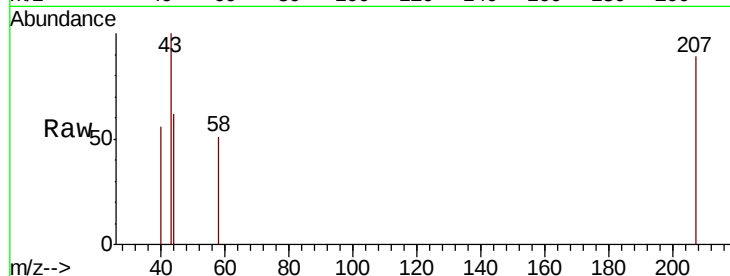
ClientSampled :

Tot Ion: 43 Resp: 866

Ion Ratio Lower Upper

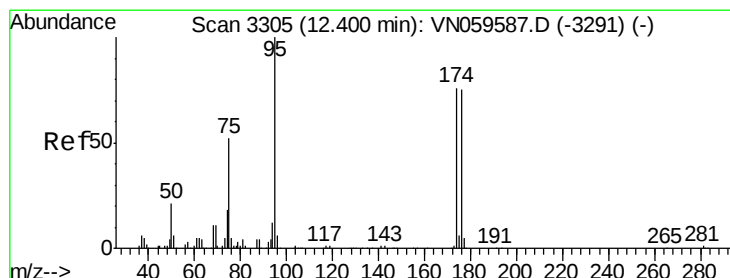
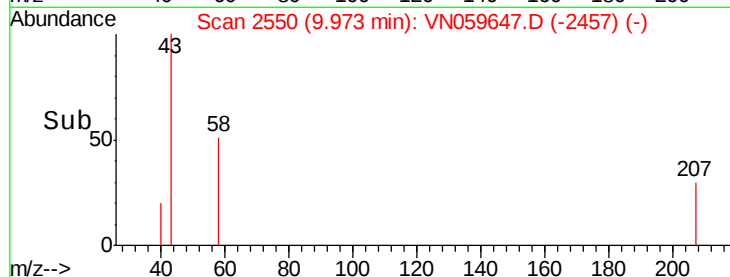
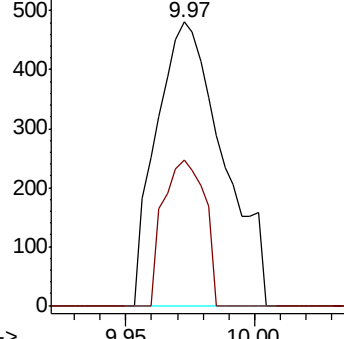
43 100

58 32.0 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 45.107 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059647.D

Acq: 18 Dec 2019 13:55

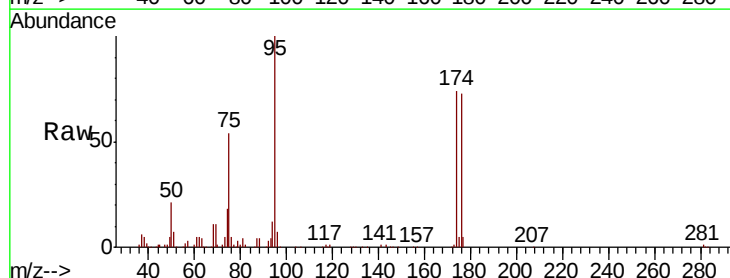
Tgt Ion: 95 Resp: 152035

Ion Ratio Lower Upper

95 100

174 76.4 0.0 151.4

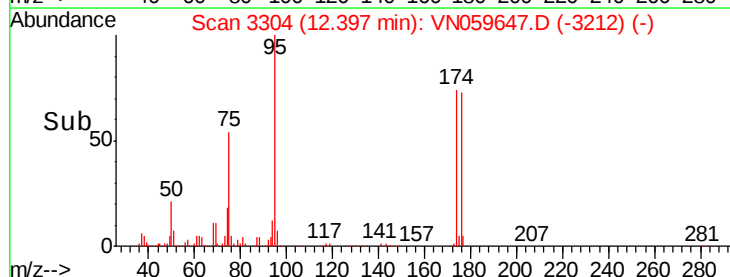
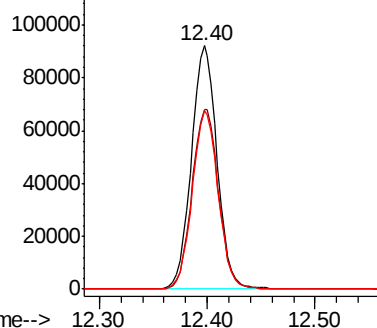
176 74.0 0.0 146.0

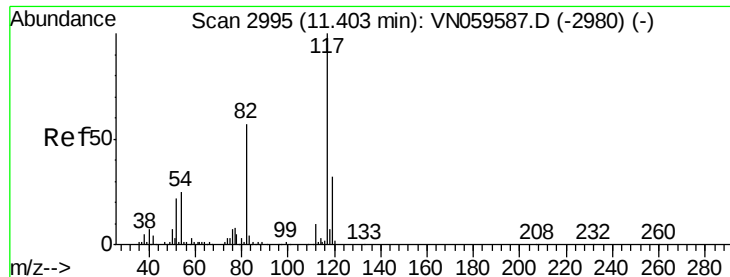


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

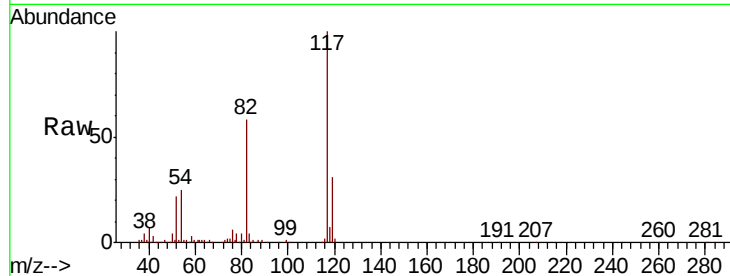




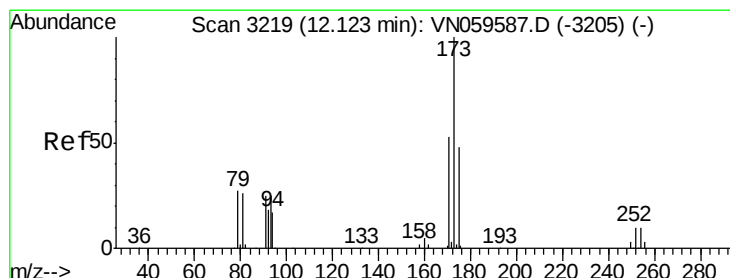
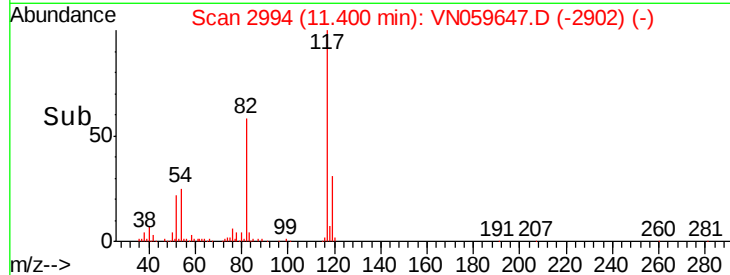
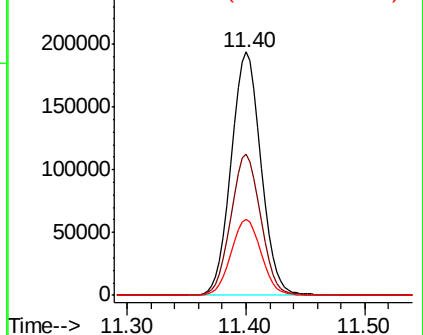
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059647.D
Acq: 18 Dec 2019 13:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 337424
Ion Ratio Lower Upper
117 100
82 58.0 45.9 68.9
119 31.3 25.5 38.3

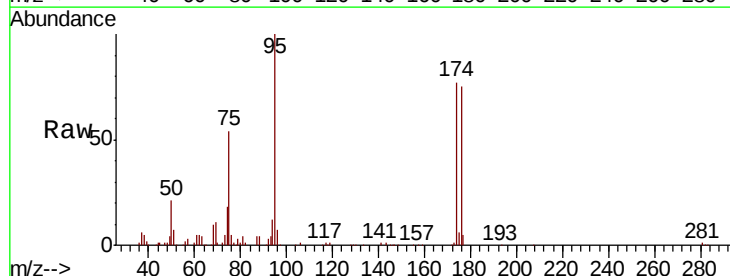


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

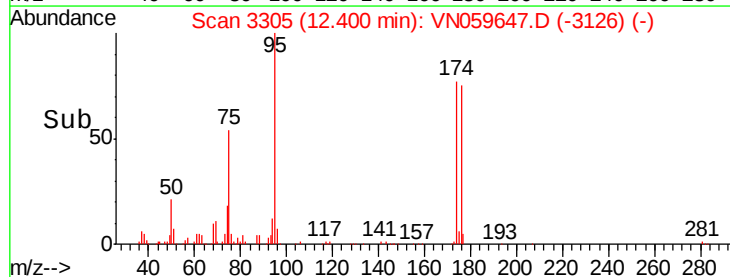
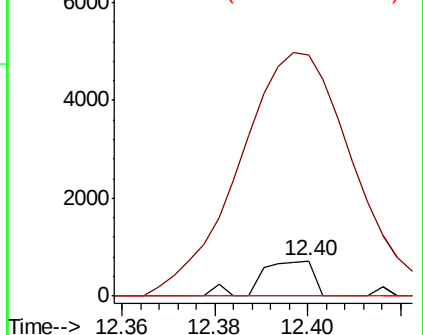


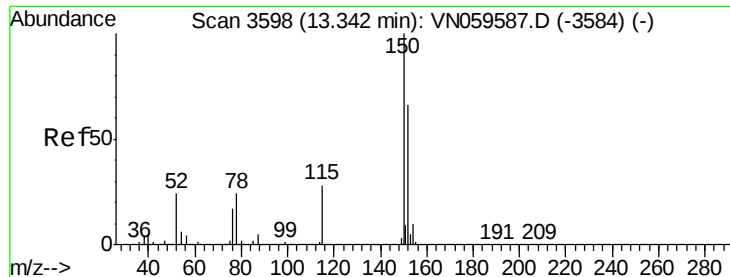
#71
Bromoform
Concen: 0.267 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN059647.D
Acq: 18 Dec 2019 13:55

Tgt Ion:173 Resp: 557
Ion Ratio Lower Upper
173 100
175 1358.2 23.8 71.4#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



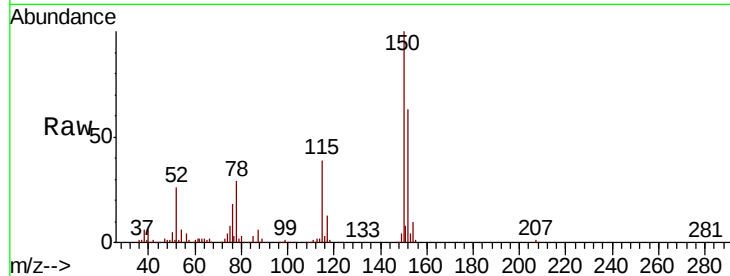


#72

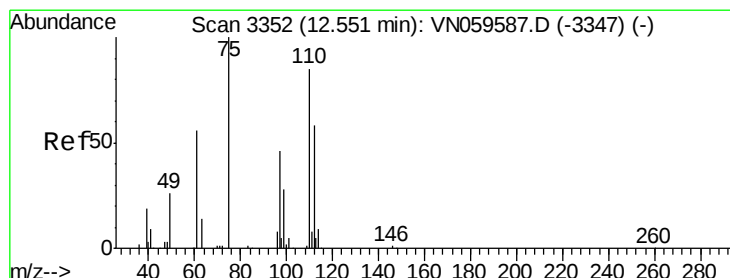
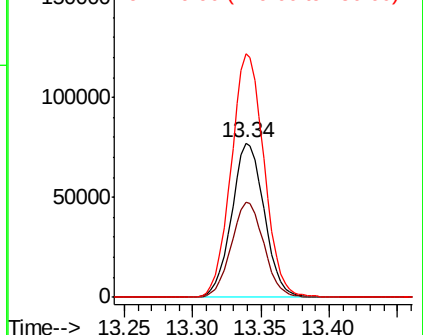
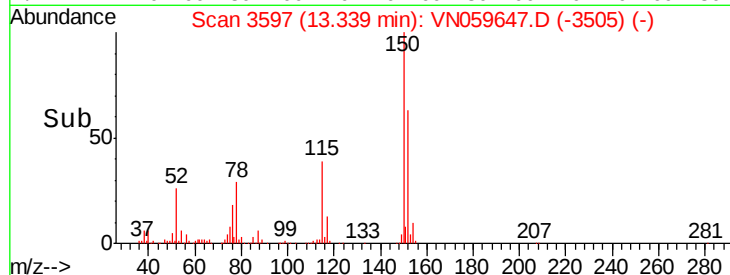
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN059647.D
Acq: 18 Dec 2019 13:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.7	30.3	90.9
150	159.0	0.0	345.2



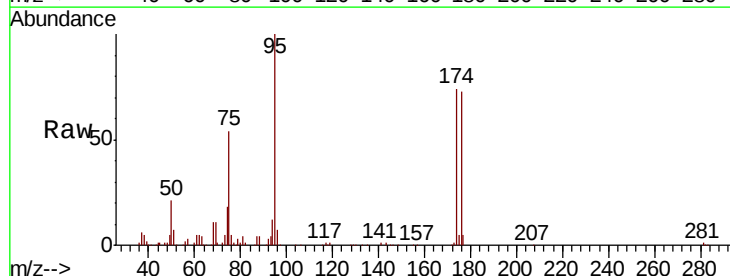
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



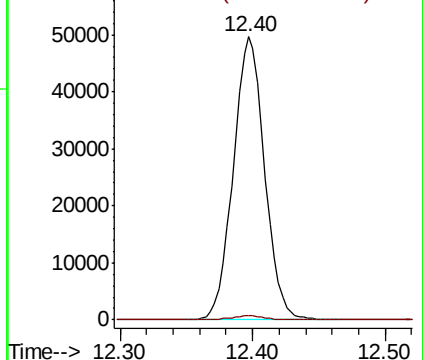
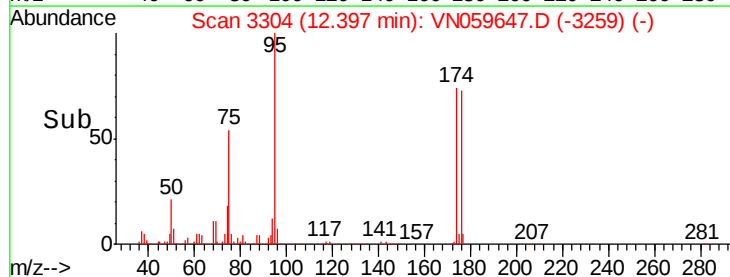
#76

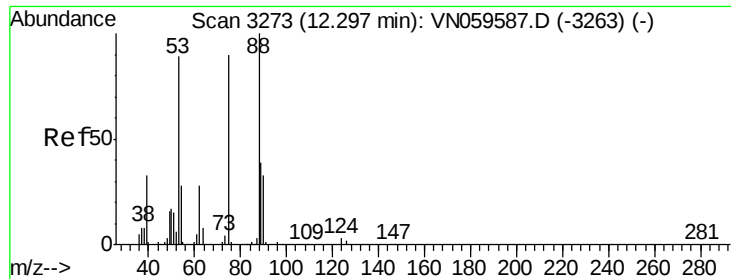
1,2,3-Trichloropropane
Concen: 25.475 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN059647.D
Acq: 18 Dec 2019 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 77.00 (76.70 to 77.70): V

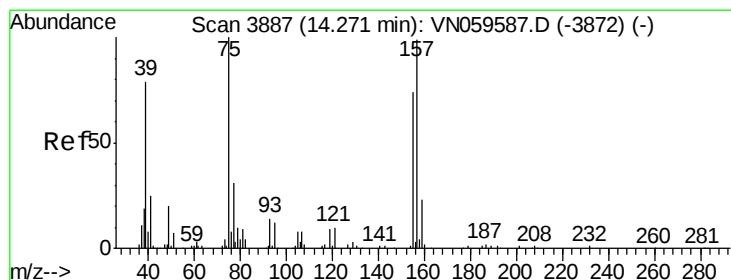
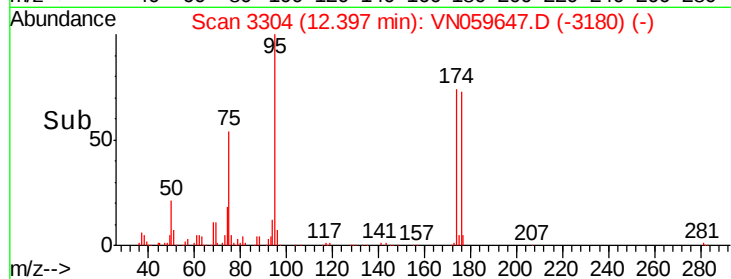
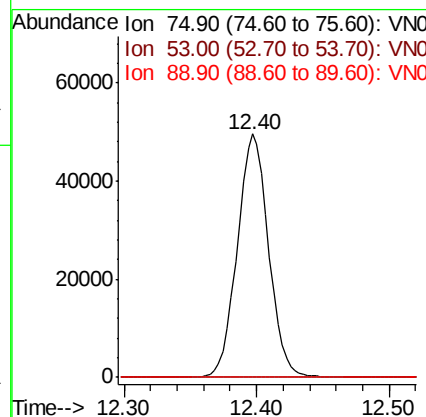
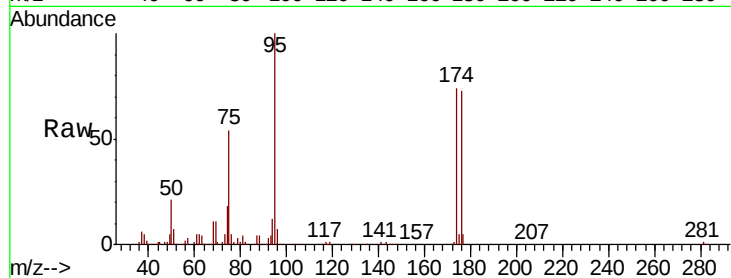




#81
trans-1,4-Dichloro-2-butene
Concen: 62.921 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059647.D
Acq: 18 Dec 2019 13:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 80991
Ion Ratio Lower Upper
75 100
53 0.0 78.1 117.1#
89 0.0 35.4 53.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.790 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN059647.D
Acq: 18 Dec 2019 13:55

Tgt Ion: 75 Resp: 153
Ion Ratio Lower Upper
75 100
155 0.0 37.0 110.9#
157 0.0 48.4 145.2#

