

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058456.D
 Acq On : 1 Oct 2019 11:51
 Operator : JC/SP
 Sample : K5107-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-9-30-19

Quant Time: Oct 02 01:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	417572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	675428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	576217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217760	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	298293	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
35) Dibromofluoromethane	7.57	113	210881	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
50) Toluene-d8	10.08	98	834180	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.41	95	259196	44.20	ug/l	0.00
Spiked Amount			Recovery	=	88.40%	

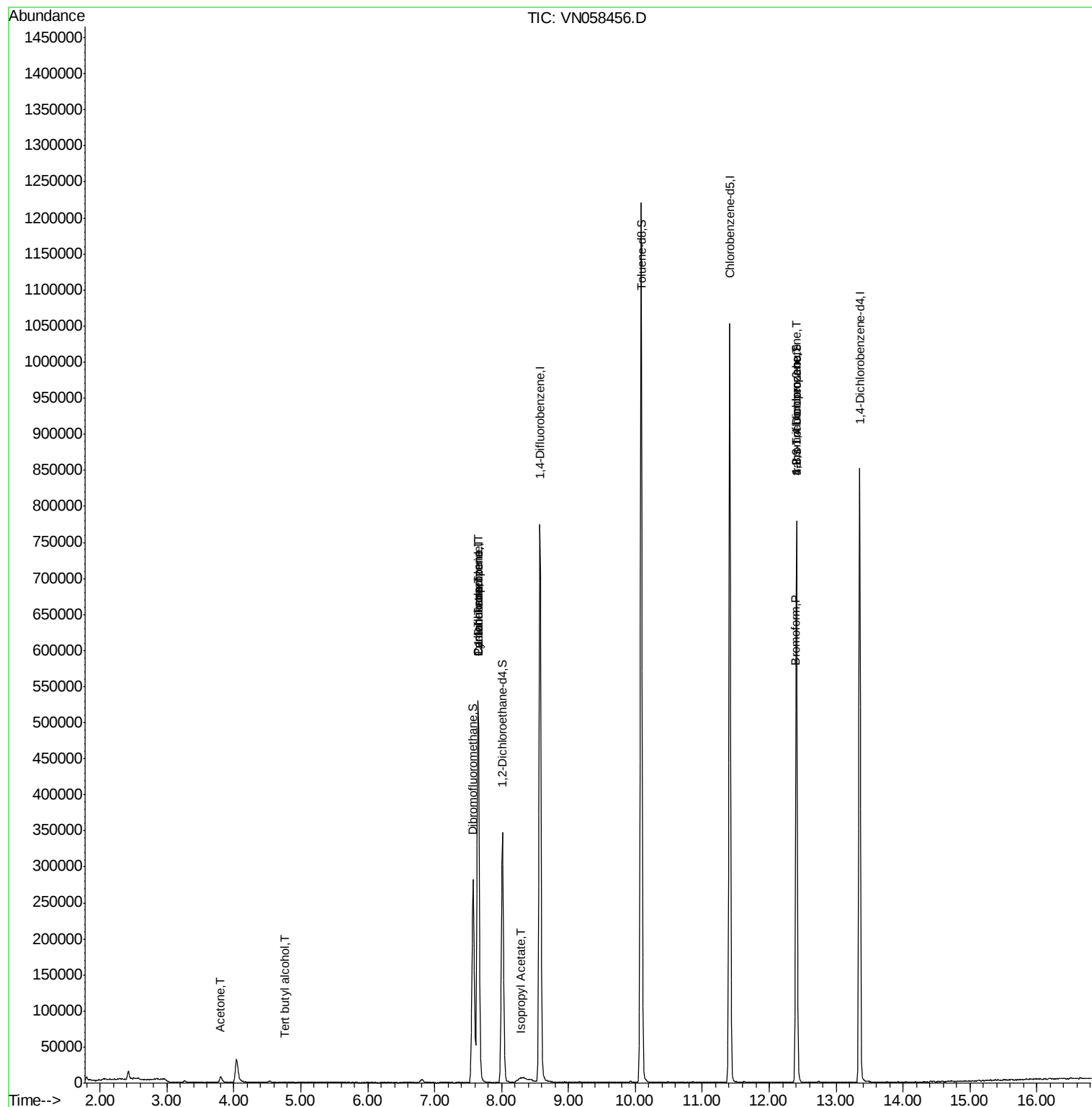
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	310	0.457	ug/l #	71
16) Acetone	3.80	43	14113	6.785	ug/l	96
31) Cyclohexane	7.65	56	10703	1.267	ug/l #	16
36) 1,1-Dichloropropene	7.65	75	36394	5.635	ug/l #	51
38) Carbon Tetrachloride	7.65	117	43043	7.383	ug/l #	16
43) Isopropyl Acetate	8.28	43	7586	0.737	ug/l #	63
71) Bromoform	12.39	173	99	0.731	ug/l #	29
76) 1,2,3-Trichloropropane	12.41	75	143844	36.165	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	143844	109.839	ug/l #	7

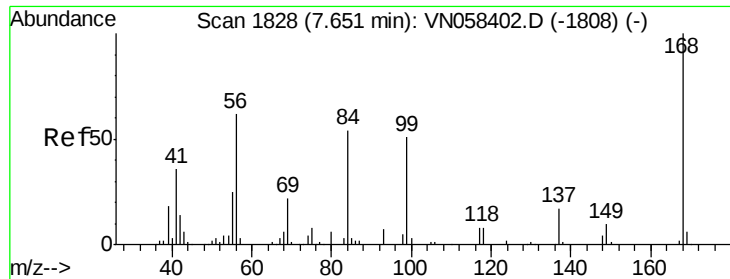
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
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: VN058456.D

Acq: 1 Oct 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

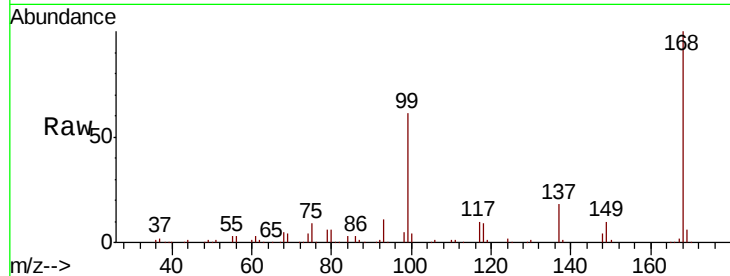
FB-9-30-19

Tot Ion:168 Resp: 417572

Ion Ratio Lower Upper

168 100

99 61.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

200000

150000

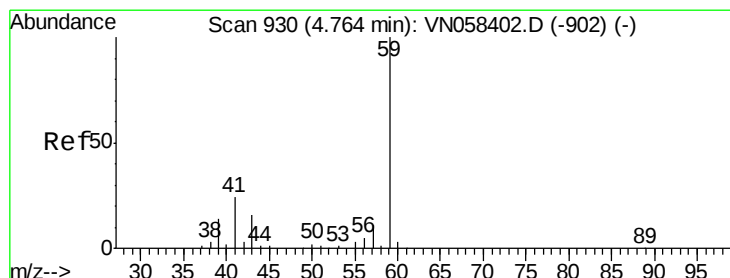
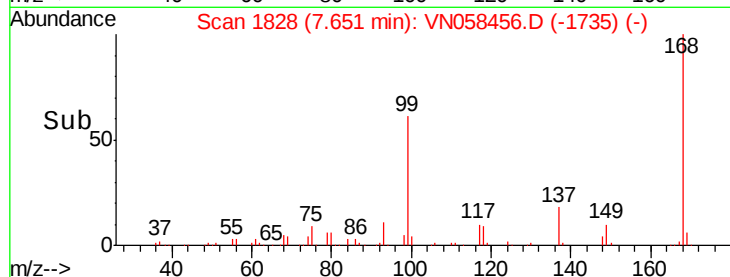
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.457 ug/l

RT: 4.76 min Scan# 928

Delta R.T. -0.01 min

Lab File: VN058456.D

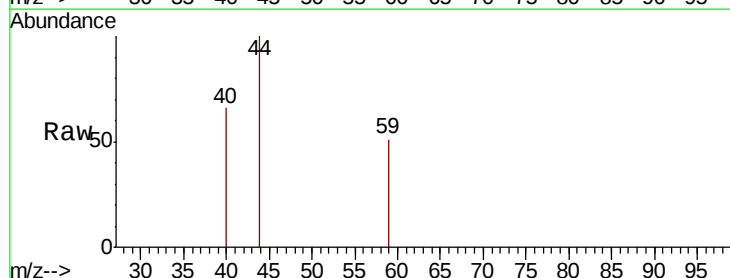
Acq: 1 Oct 2019 11:51

Tgt Ion: 59 Resp: 310

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

300

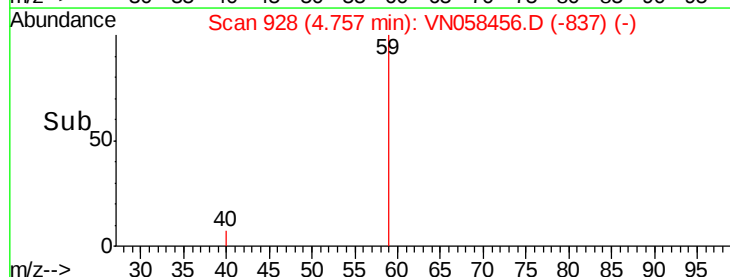
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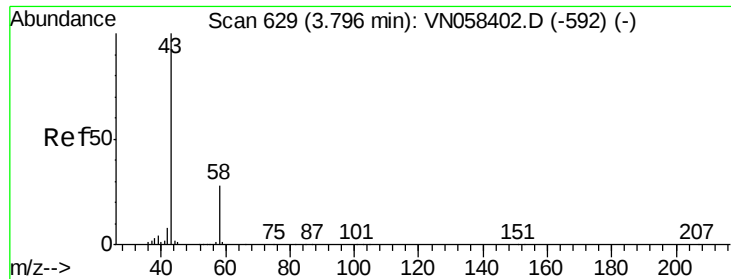
100

0

4.74 4.76 4.78

Time-->

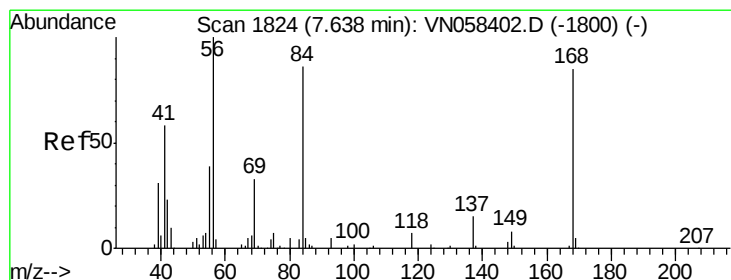
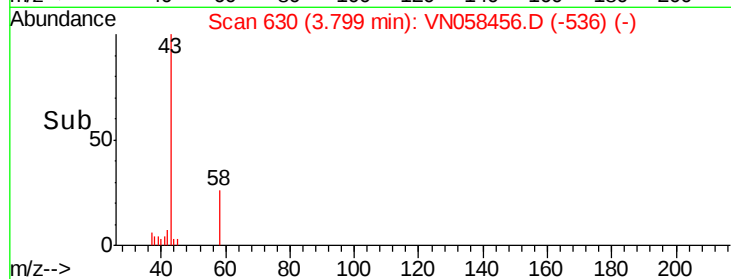
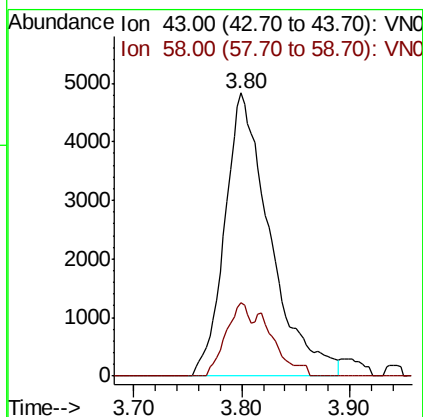
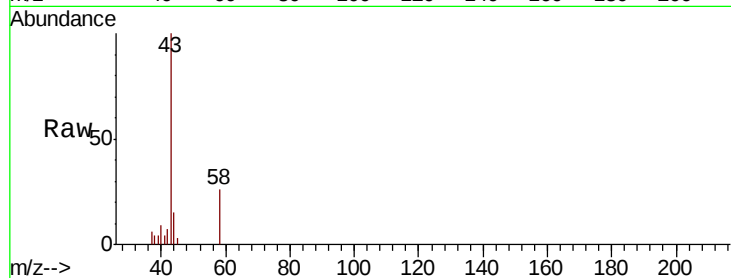




#16
Acetone
Concen: 6.785 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.00 min
Lab File: VN058456.D
Acq: 1 Oct 2019 11:51

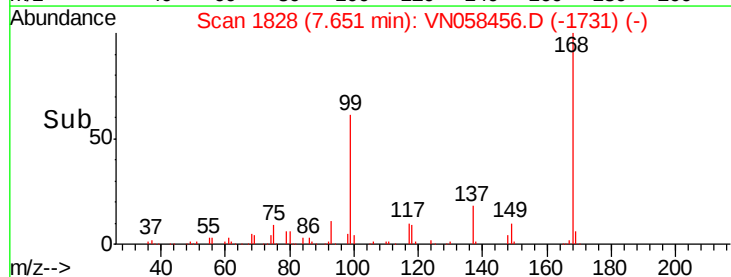
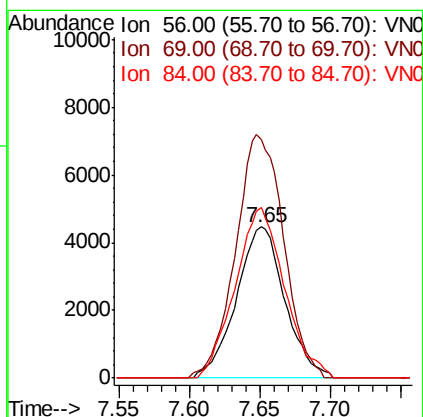
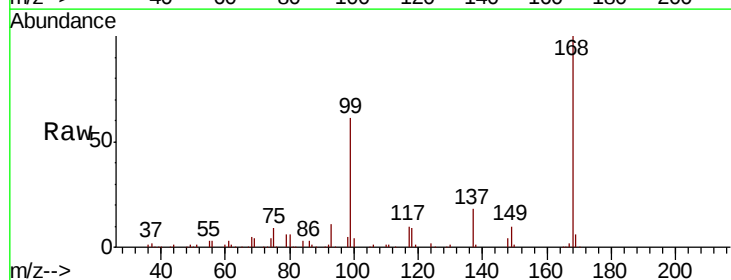
Instrument :
MSVOA_N
ClientSampled :
FB-9-30-19

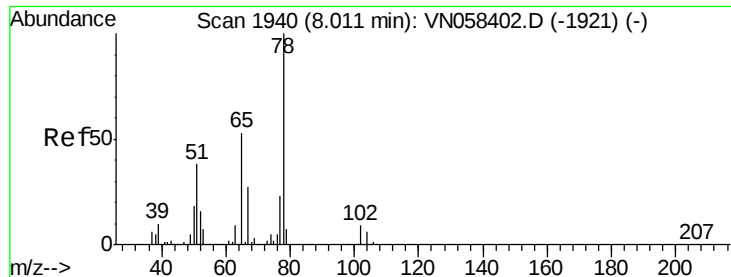
Tot Ion: 43 Resp: 14113
Ion Ratio Lower Upper
43 100
58 25.8 22.4 33.6



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058456.D
Acq: 1 Oct 2019 11:51

Tgt Ion: 56 Resp: 10703
Ion Ratio Lower Upper
56 100
69 157.5 26.2 39.4#
84 112.5 67.6 101.4#

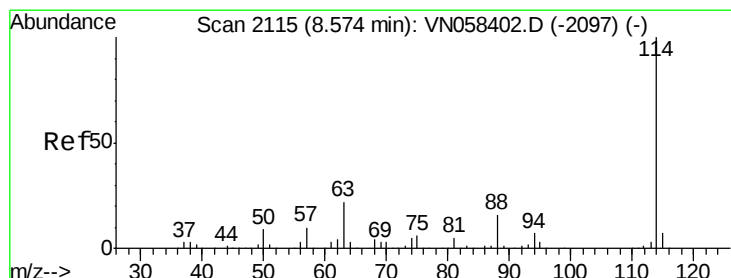
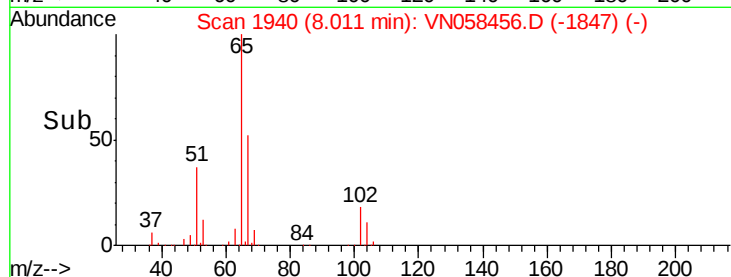
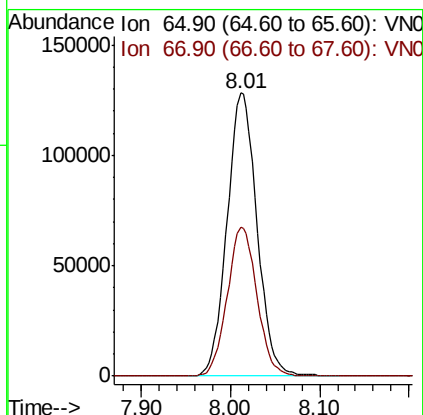
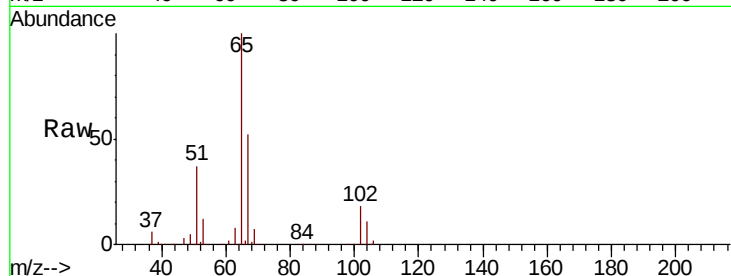




#33
 1,2-Dichloroethane-d4
 Concen: 48.883 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058456.D
 Acq: 1 Oct 2019 11:51

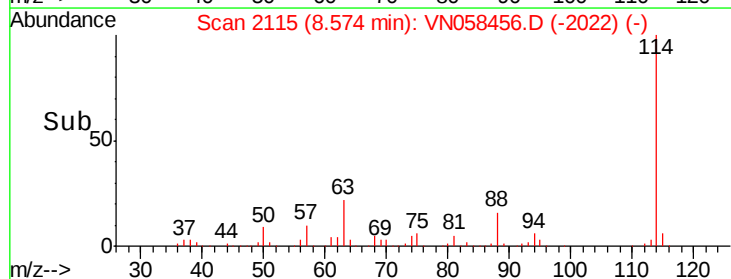
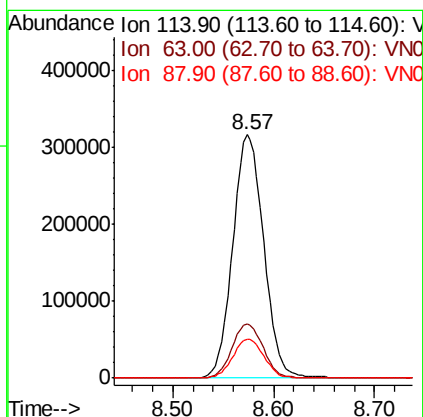
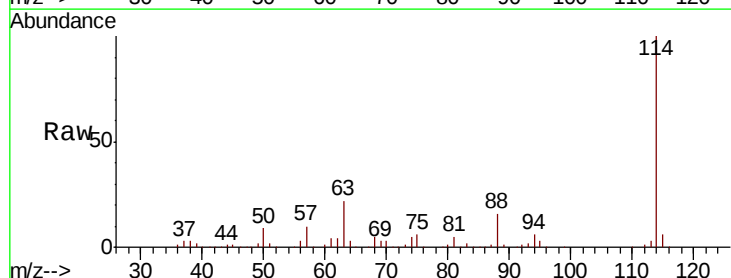
Instrument :
 MSVOA_N
 ClientSampleId :
 FB-9-30-19

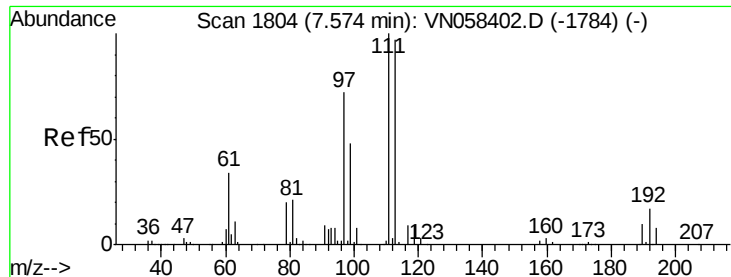
Tot Ion: 65 Resp: 298293
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058456.D
 Acq: 1 Oct 2019 11:51

Tgt Ion: 114 Resp: 675428
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 15.9 0.0 32.2

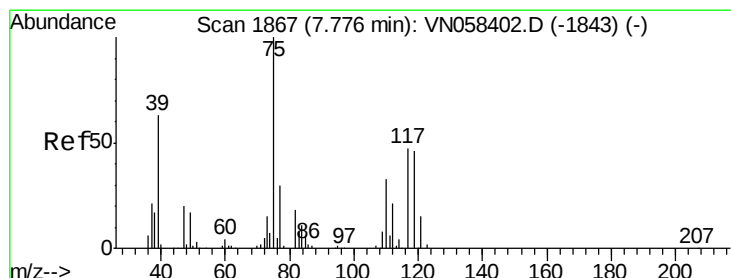
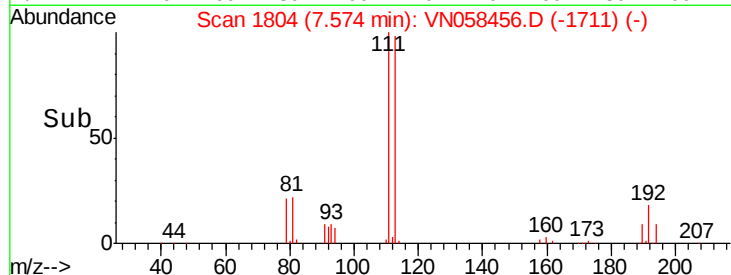
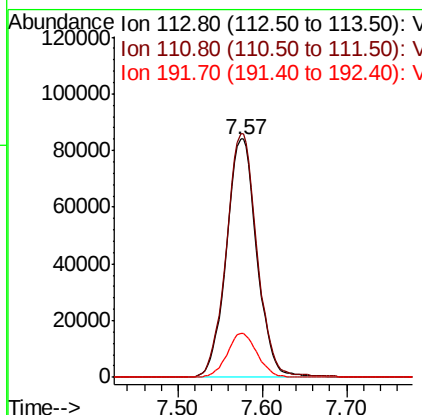
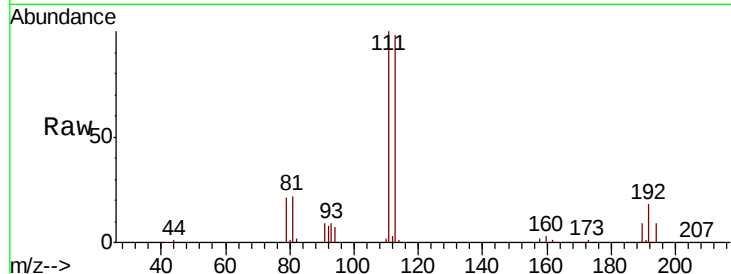




#35
 Dibromofluoromethane
 Concen: 50.942 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058456.D
 Acq: 1 Oct 2019 11:51

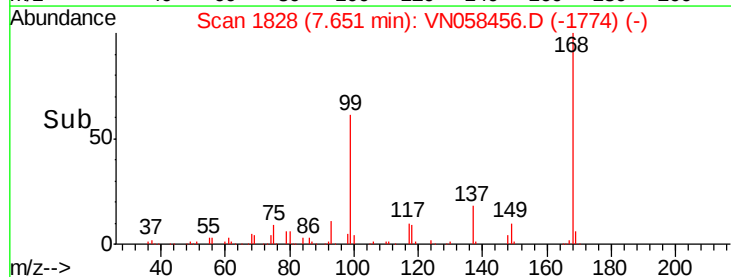
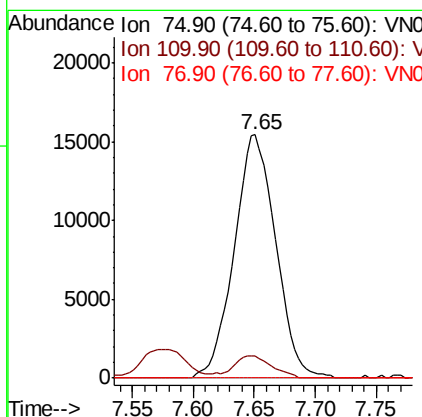
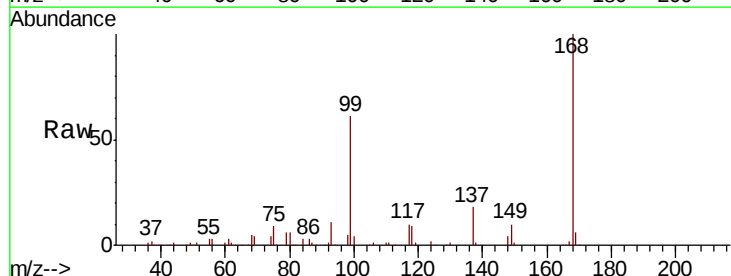
Instrument :
 MSVOA_N
 ClientSampleId :
 FB-9-30-19

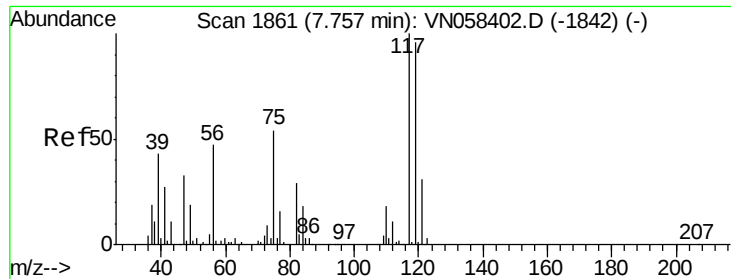
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.2
192	18.2	14.9	22.3



#36
 1,1-Dichloropropene
 Concen: 5.635 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058456.D
 Acq: 1 Oct 2019 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.4	49.2#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 7.383 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.10 min

Lab File: VN058456.D

Acq: 1 Oct 2019 11:51

Instrument :

MSVOA_N

ClientSampled :

FB-9-30-19

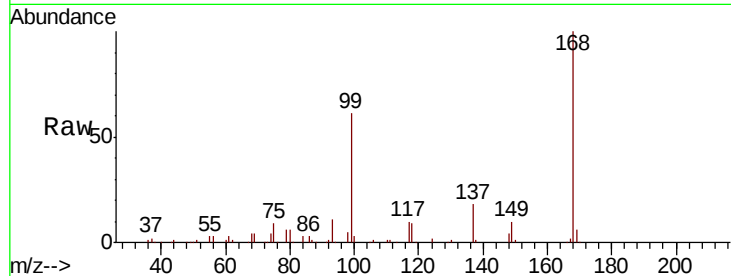
Tot Ion:117 Resp: 43043

Ion Ratio Lower Upper

117 100

119 4.8 76.6 115.0#

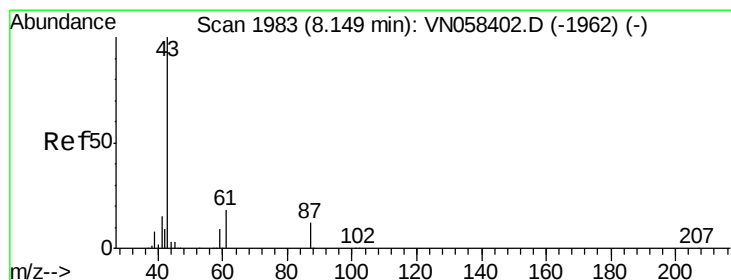
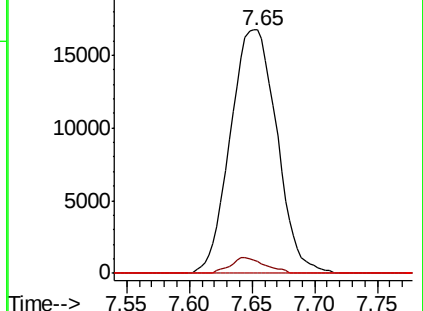
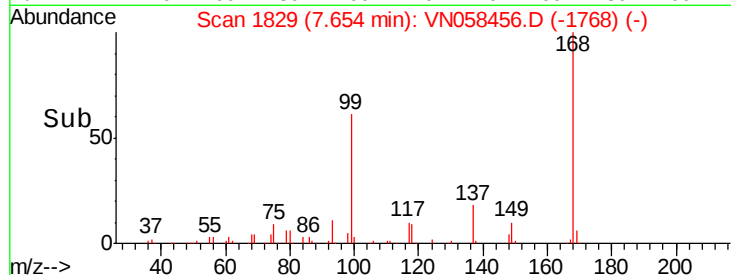
121 0.0 24.7 37.1#



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



#43

Isopropyl Acetate

Concen: 0.737 ug/l

RT: 8.28 min Scan# 2024

Delta R.T. 0.13 min

Lab File: VN058456.D

Acq: 1 Oct 2019 11:51

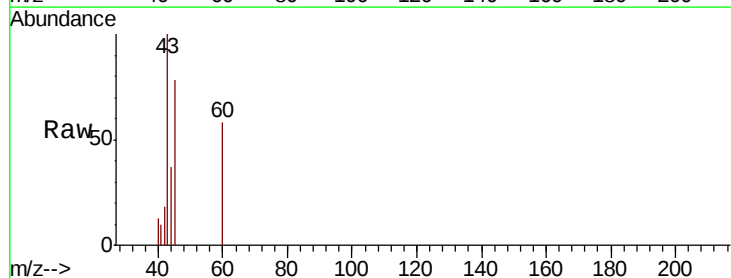
Tgt Ion: 43 Resp: 7586

Ion Ratio Lower Upper

43 100

61 0.0 14.8 22.2#

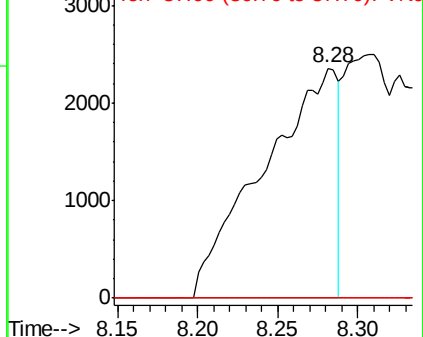
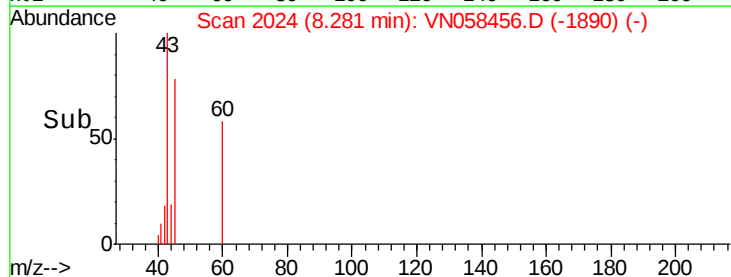
87 0.0 9.7 14.5#

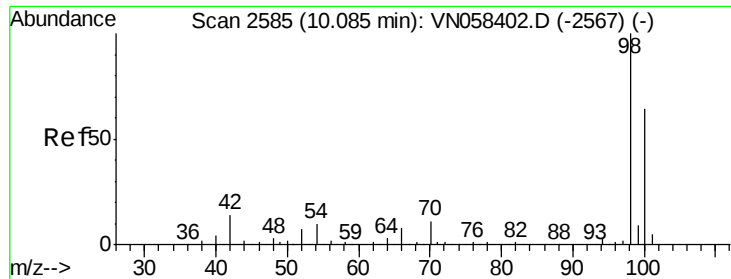


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.440 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058456.D

Acq: 1 Oct 2019 11:51

Instrument :

MSVOA_N

ClientSampled :

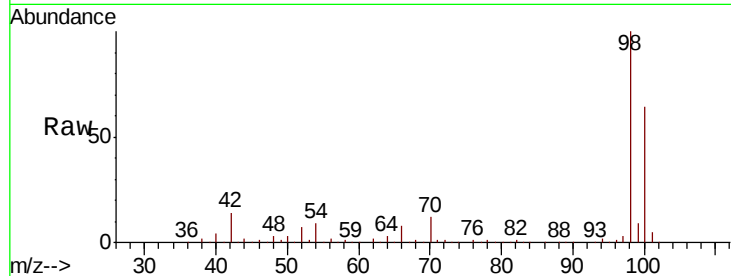
FB-9-30-19

Tot Ion: 98 Resp: 834180

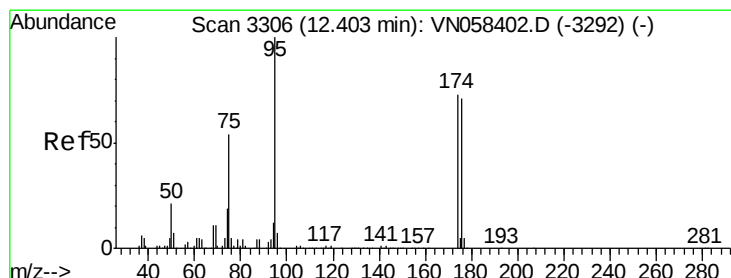
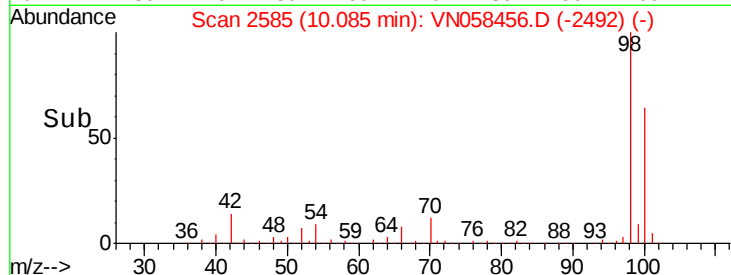
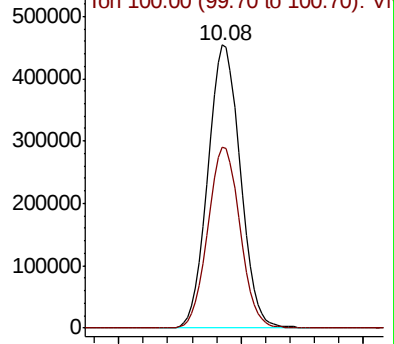
Ion Ratio Lower Upper

98 100

100 63.6 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 44.204 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058456.D

Acq: 1 Oct 2019 11:51

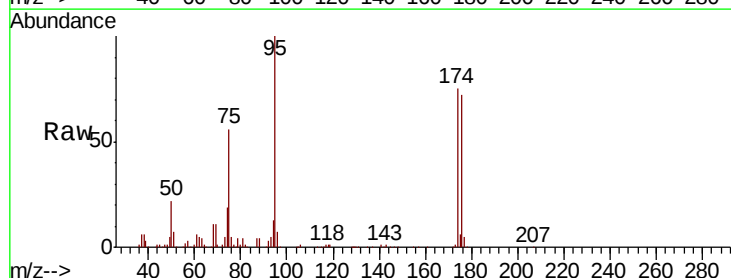
Tgt Ion: 95 Resp: 259196

Ion Ratio Lower Upper

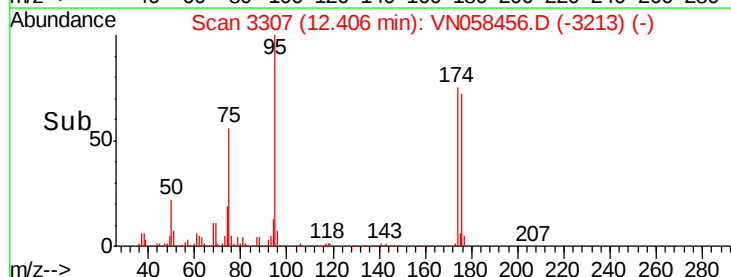
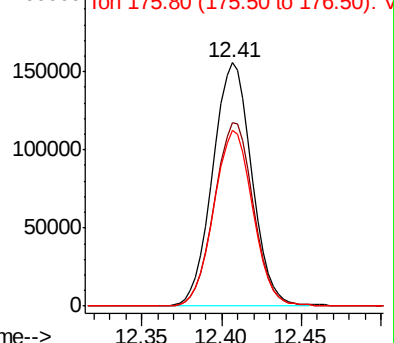
95 100

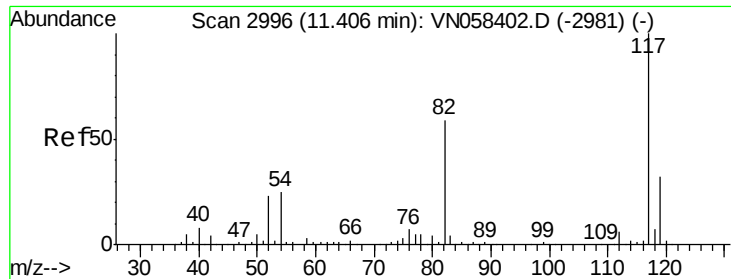
174 76.0 0.0 150.6

176 72.7 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

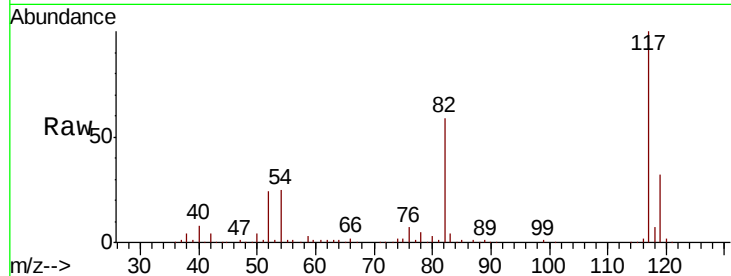




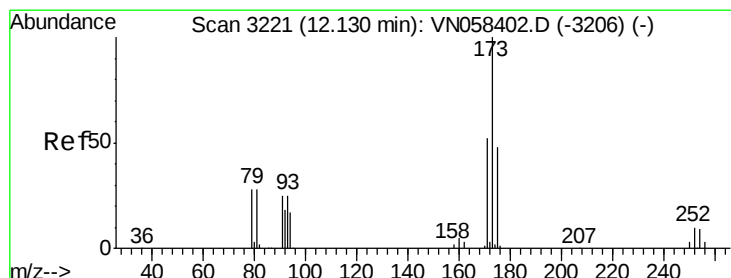
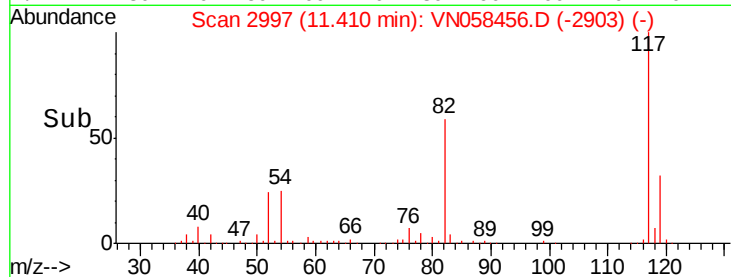
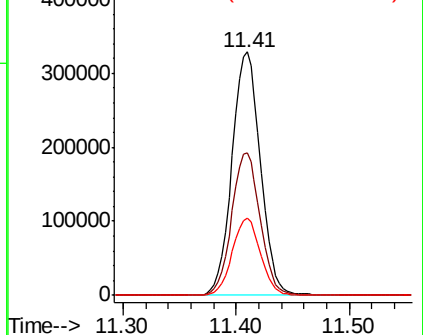
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058456.D
Acq: 1 Oct 2019 11:51

Instrument :
MSVOA_N
ClientSampled :
FB-9-30-19

Tot Ion:117 Resp: 576217
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.0
119 31.8 25.5 38.3

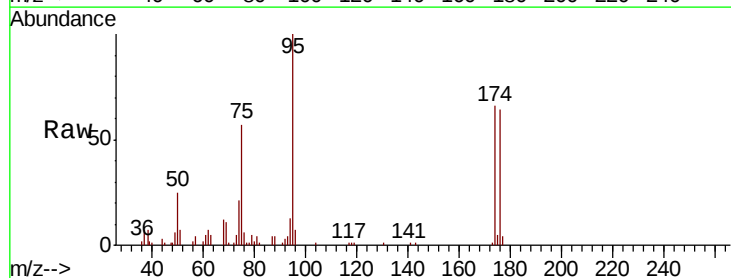


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

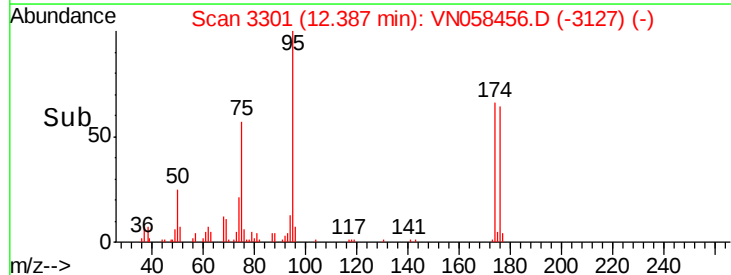
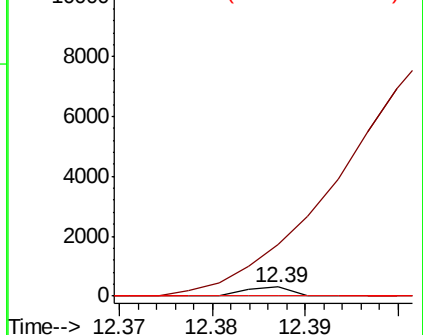


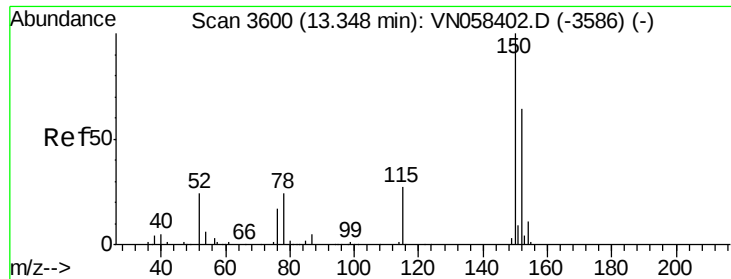
#71
Bromoform
Concen: 0.731 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN058456.D
Acq: 1 Oct 2019 11:51

Tgt Ion:173 Resp: 99
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058456.D

Acq: 1 Oct 2019 11:51

Instrument :

MSVOA_N

ClientSampled :

FB-9-30-19

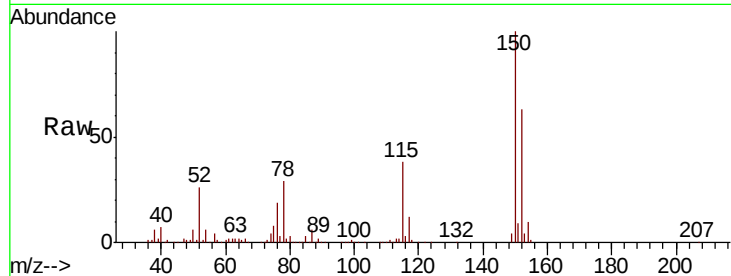
Tot Ion:152 Resp: 217760

Ion Ratio Lower Upper

152 100

115 61.6 30.0 90.0

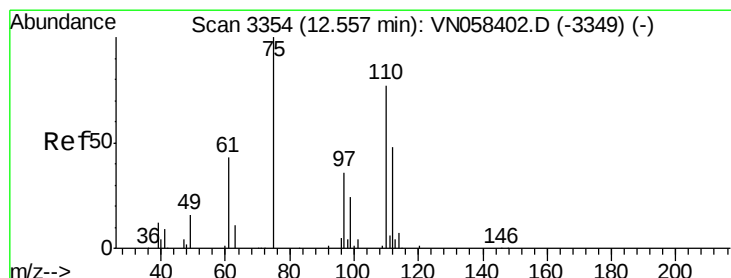
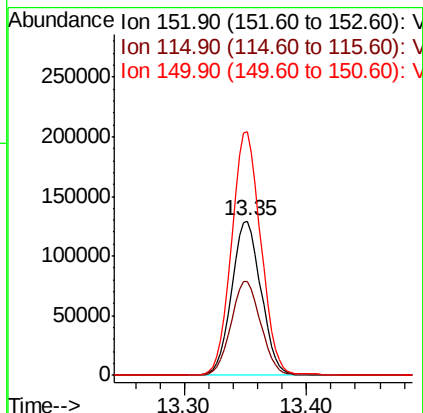
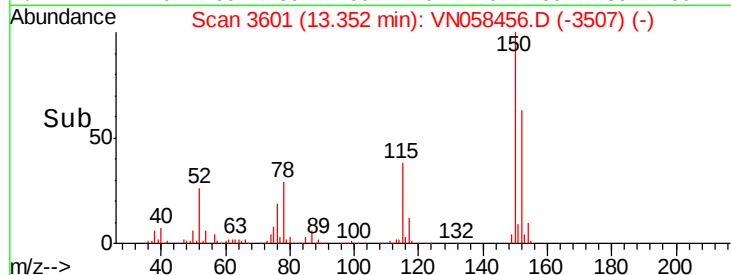
150 156.9 0.0 348.2



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: 36.165 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058456.D

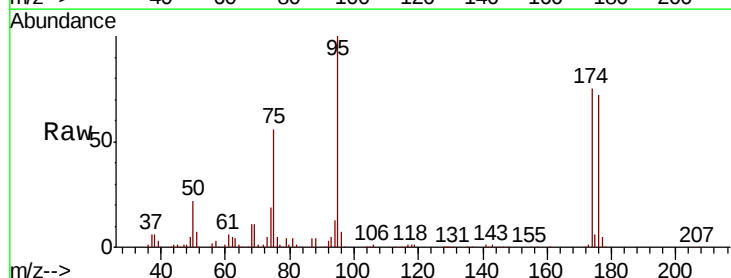
Acq: 1 Oct 2019 11:51

Tgt Ion: 75 Resp: 143844

Ion Ratio Lower Upper

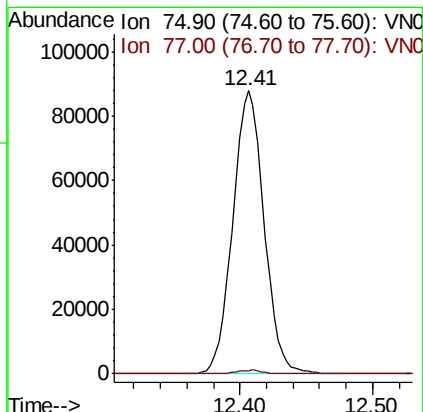
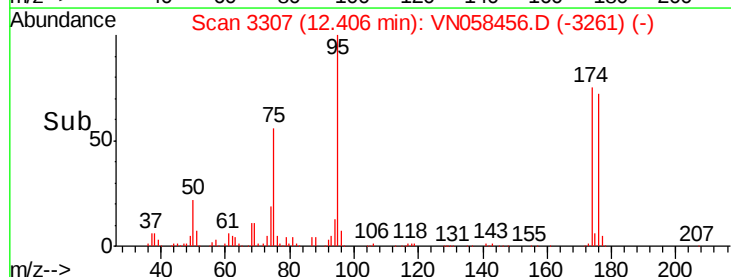
75 100

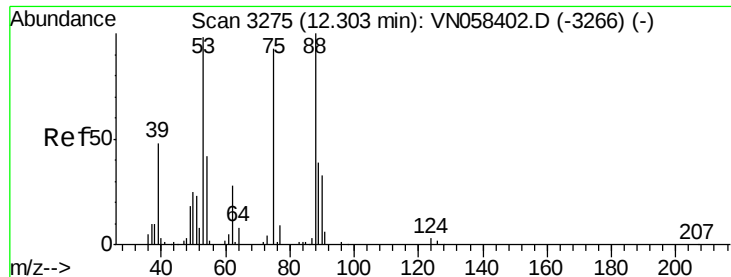
77 1.2 0.0 0.0#



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: 109.839 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058456.D

Acq: 1 Oct 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

FB-9-30-19

Tot Ion: 75 Resp: 143844

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

89 0.0 35.0 52.4#

