

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058578.D
 Acq On : 7 Oct 2019 19:43
 Operator : JC/SP
 Sample : PB123663TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 08 14:07:33 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	527431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	835245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	742471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	304869	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	355904	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
35) Dibromofluoromethane	7.57	113	251647	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	10.08	98	1039098	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.41	95	349407	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

Target Compounds

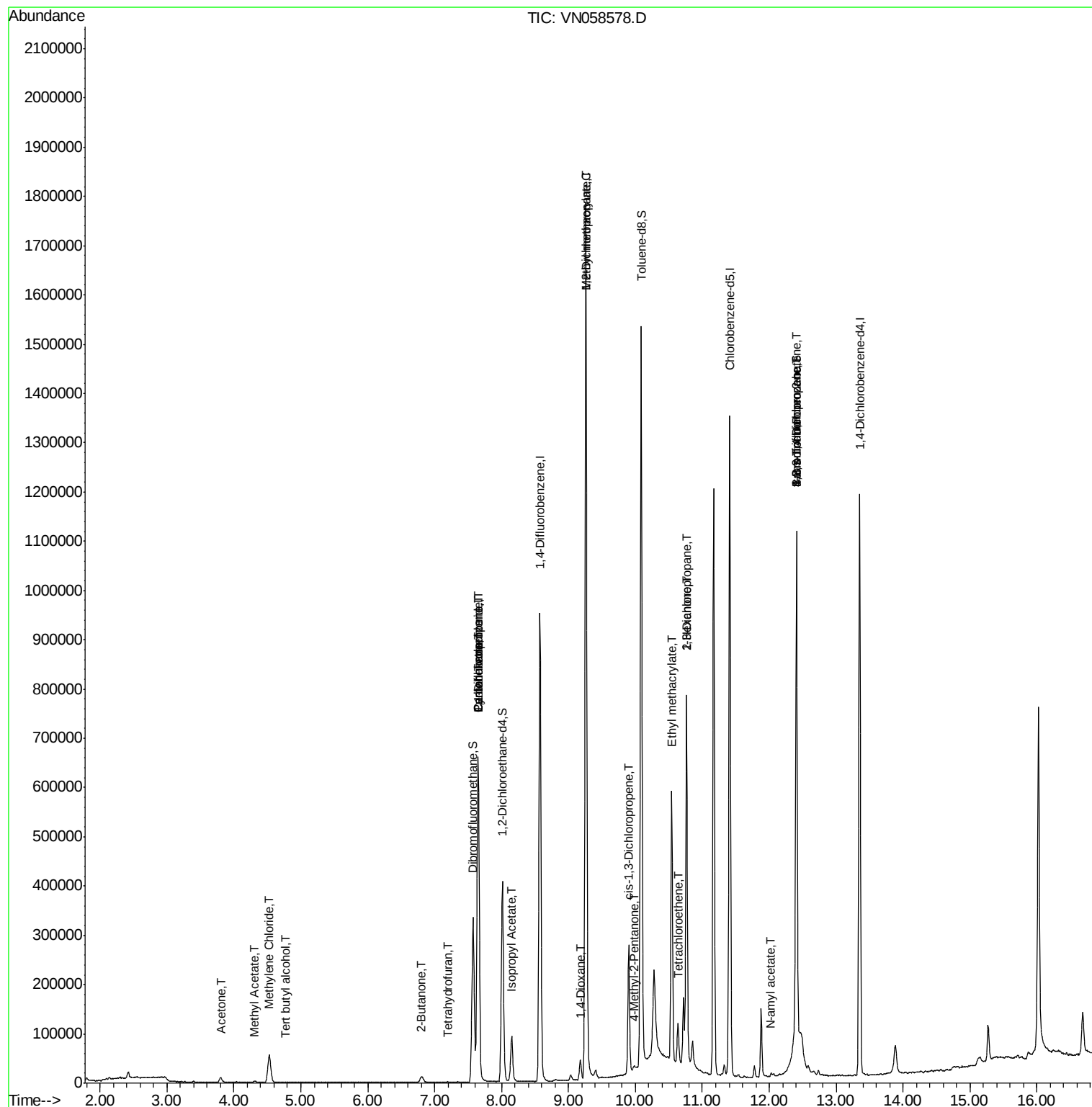
						Qvalue
11) Tert butyl alcohol	4.77	59	320	0.374	ug/l #	71
16) Acetone	3.80	43	16294	6.201	ug/l	97
18) Methyl Acetate	4.30	43	4684	0.709	ug/l #	88
20) Methylene Chloride	4.53	84	41385	6.825	ug/l	98
25) 2-Butanone	6.81	43	1609	0.446	ug/l	92
29) Tetrahydrofuran	7.21	42	607	0.265	ug/l #	53
31) Cyclohexane	7.65	56	12076	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	44475	5.569	ug/l #	51
38) Carbon Tetrachloride	7.65	117	51046	7.081	ug/l #	16
43) Isopropyl Acetate	8.15	43	110108	8.647	ug/l	98
45) 1,2-Dichloropropane	9.26	63	1910	0.310	ug/l #	43
48) Methyl methacrylate	9.26	41	173064	29.849	ug/l #	44
49) 1,4-Dioxane	9.19	88	67	0.864	ug/l #	21
51) 4-Methyl-2-Pentanone	9.98	43	6914	1.057	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	44195	4.951	ug/l #	63
56) Ethyl methacrylate	10.54	69	1665	0.209	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7804	0.832	ug/l #	46
59) 2-Hexanone	10.76	43	116595	24.482	ug/l #	53
60) Dibromochloromethane	10.63	129	808	Below Cal	#	11
64) Tetrachloroethene	10.63	164	1342	0.284	ug/l #	84
71) Bromoform	12.40	173	460	0.827	ug/l #	1
74) N-amyl acetate	12.03	43	5442	0.607	ug/l #	47
76) 1,2,3-Trichloropropane	12.41	75	188476	33.847	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	188476	102.798	ug/l #	8
96) 1,2,3-Trichlorobenzene	15.28	180	68	Below Cal	#	1

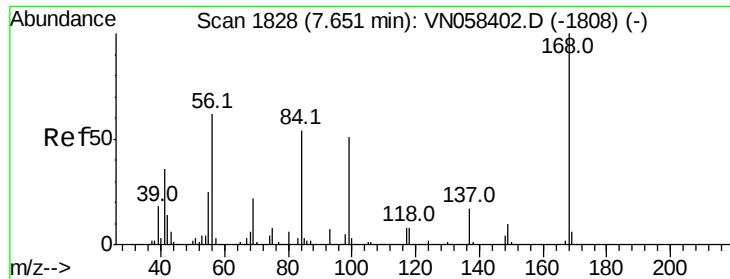
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058578.D

Acq: 7 Oct 2019 19:43

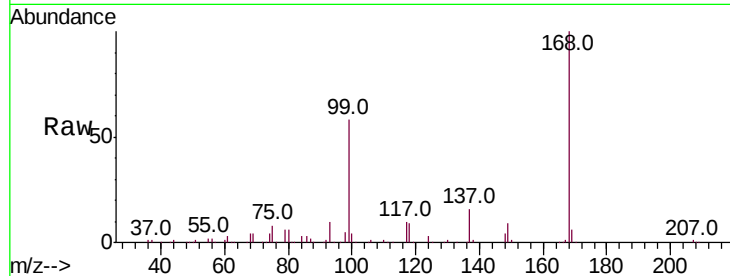
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 527431

Ion Ratio Lower Upper

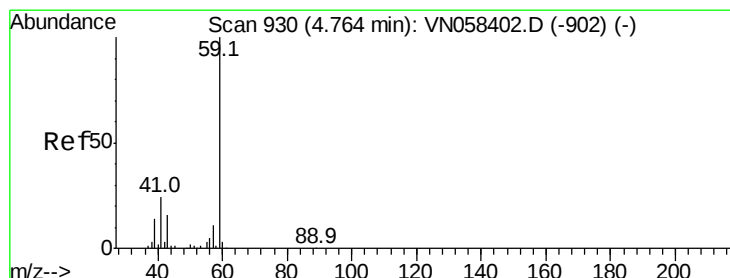
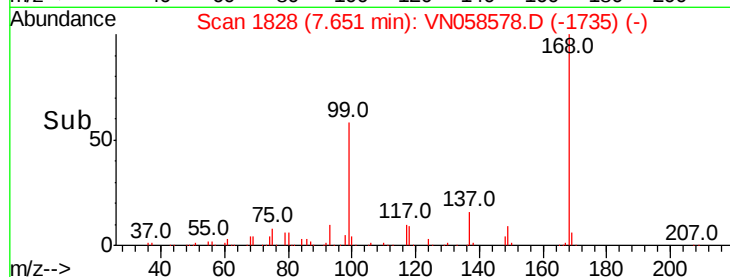
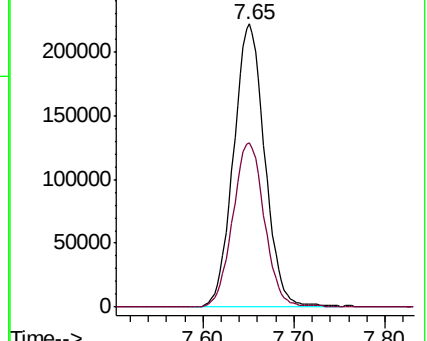
168 100

99 58.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.374 ug/l

RT: 4.77 min Scan# 931

Delta R.T. 0.00 min

Lab File: VN058578.D

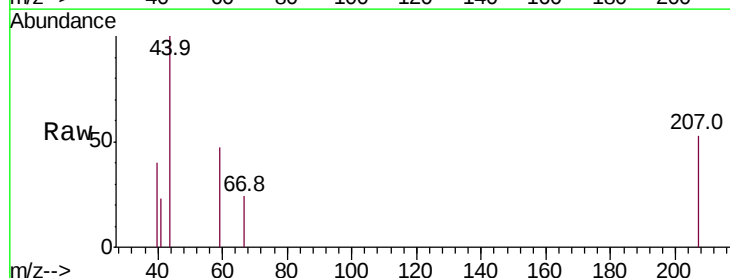
Acq: 7 Oct 2019 19:43

Tgt Ion: 59 Resp: 320

Ion Ratio Lower Upper

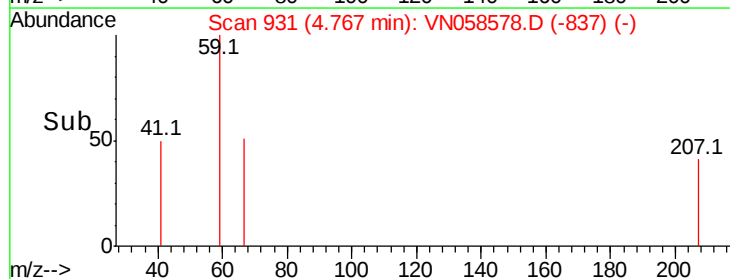
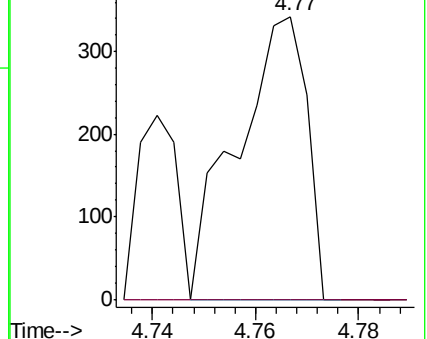
59 100

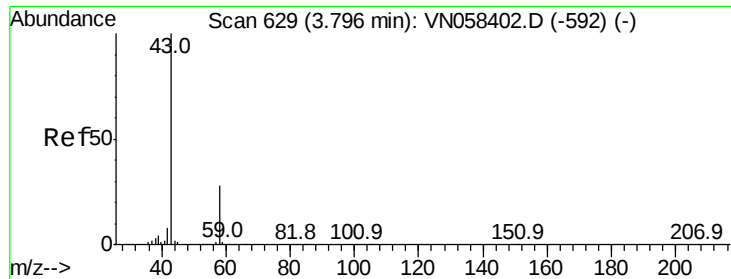
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

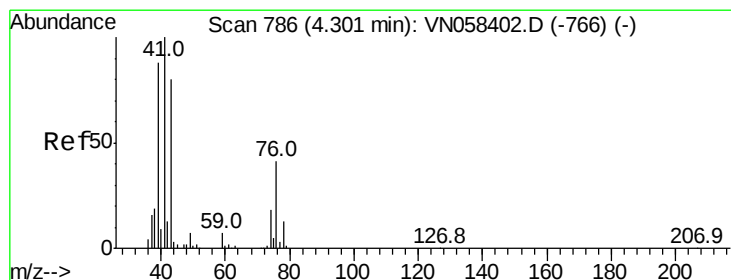
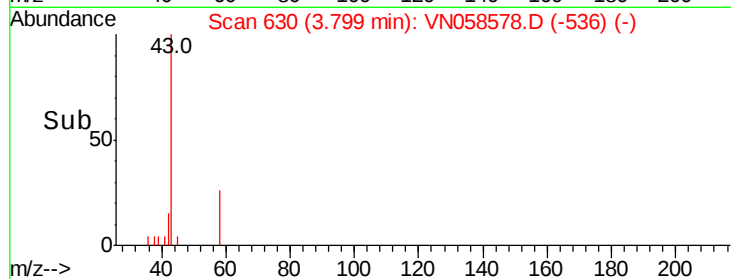
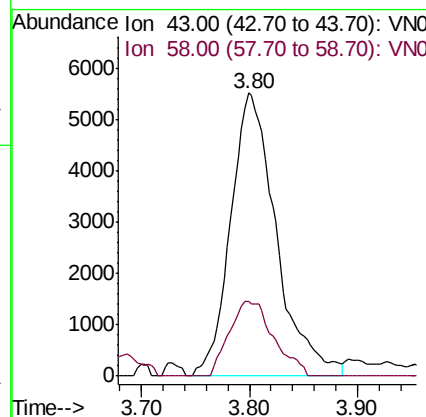
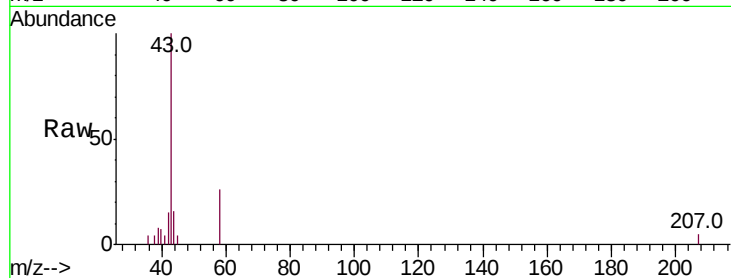




#16
Acetone
Concen: 6.201 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.00 min
Lab File: VN058578.D
Acq: 7 Oct 2019 19:43

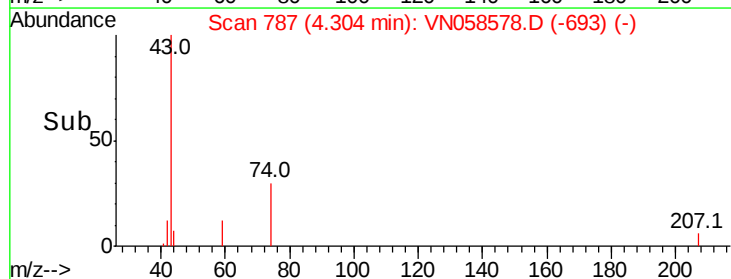
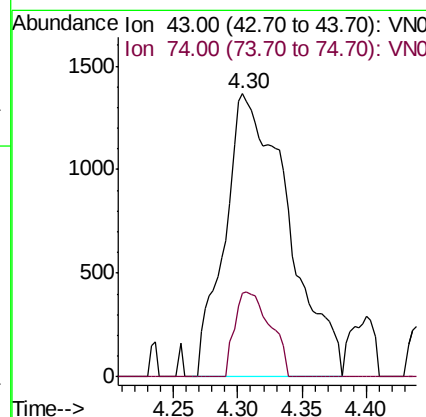
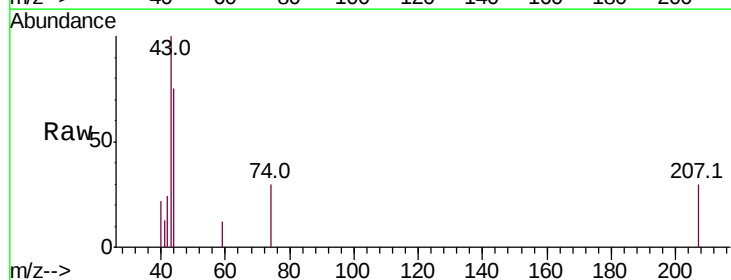
Instrument :
MSVOA_N
ClientSampled :

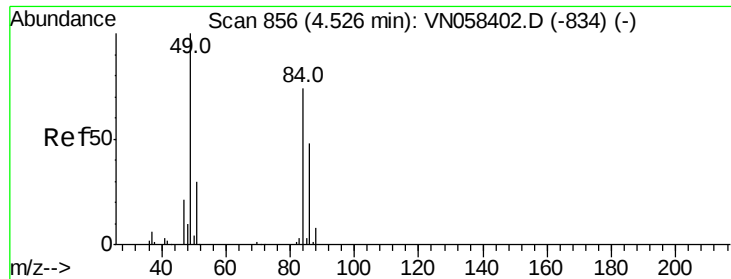
Tot Ion: 43 Resp: 16294
Ion Ratio Lower Upper
43 100
58 26.3 22.4 33.6



#18
Methyl Acetate
Concen: 0.709 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058578.D
Acq: 7 Oct 2019 19:43

Tgt Ion: 43 Resp: 4684
Ion Ratio Lower Upper
43 100
74 16.7 18.0 27.0#

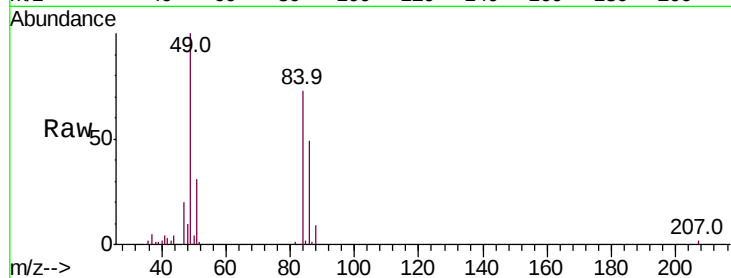




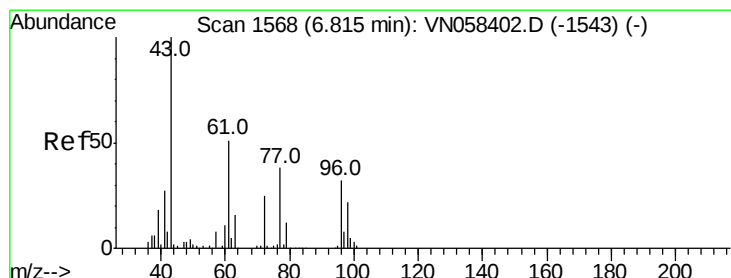
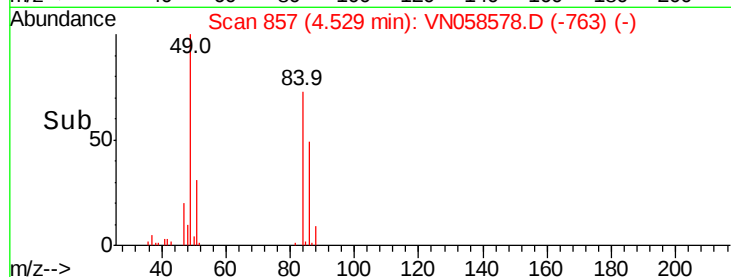
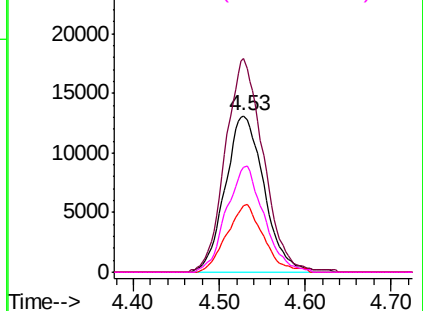
#20
Methvlene Chloride
Concen: 6.825 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058578.D
Acq: 7 Oct 2019 19:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 41385
Ion Ratio Lower Upper
84 100
49 136.4 107.9 161.9
51 42.1 32.8 49.2
86 67.4 51.5 77.3

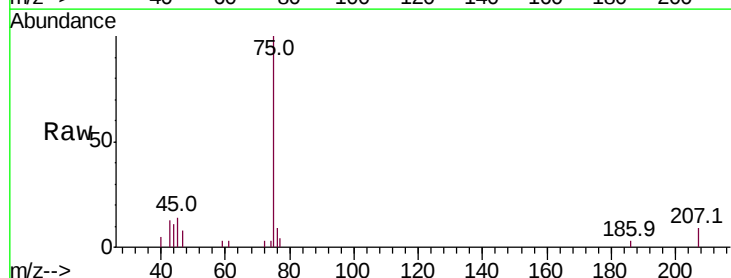


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

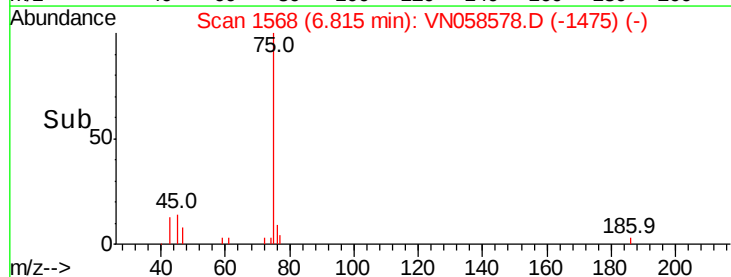
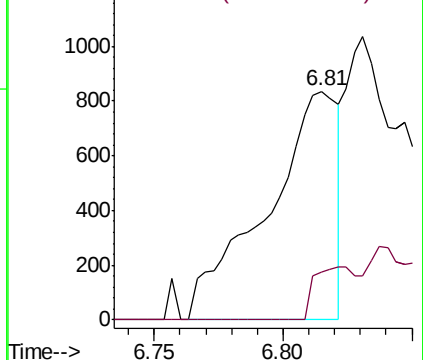


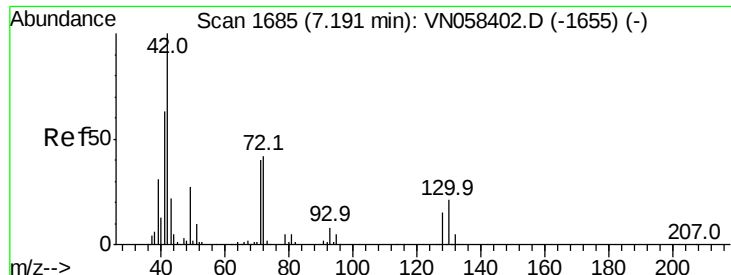
#25
2-Butanone
Concen: 0.446 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN058578.D
Acq: 7 Oct 2019 19:43

Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
72 21.2 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.265 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.02 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

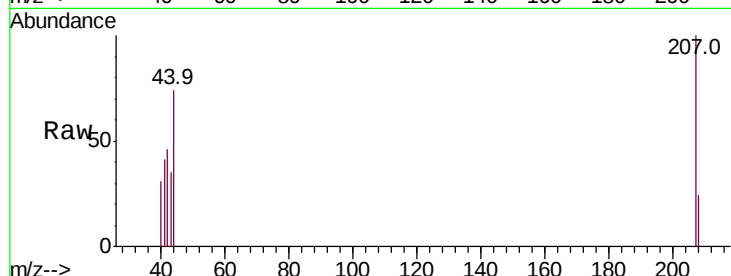
Tot Ion: 42 Resp: 607

Ion Ratio Lower Upper

42 100

72 23.1 33.7 50.5#

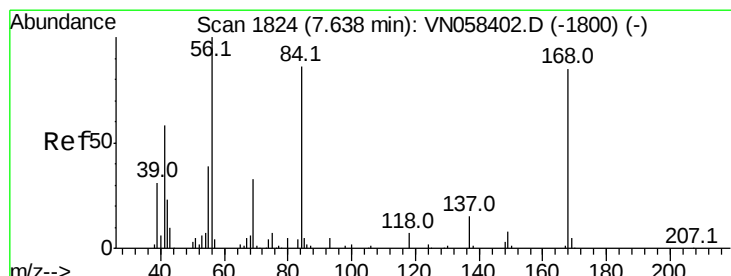
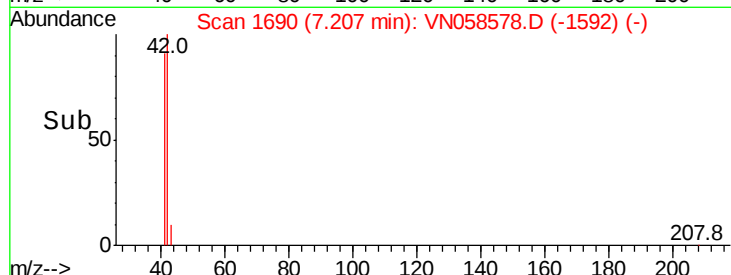
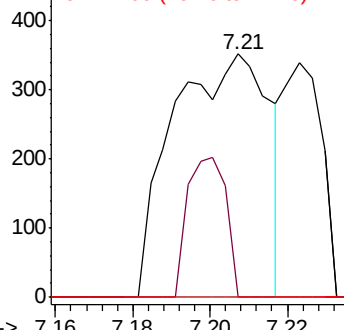
71 0.0 31.8 47.6#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.132 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

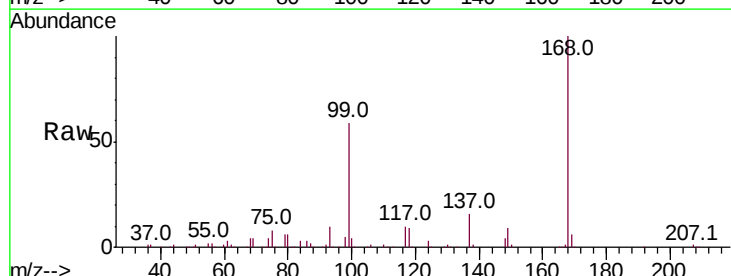
Tgt Ion: 56 Resp: 12076

Ion Ratio Lower Upper

56 100

69 173.9 26.2 39.4#

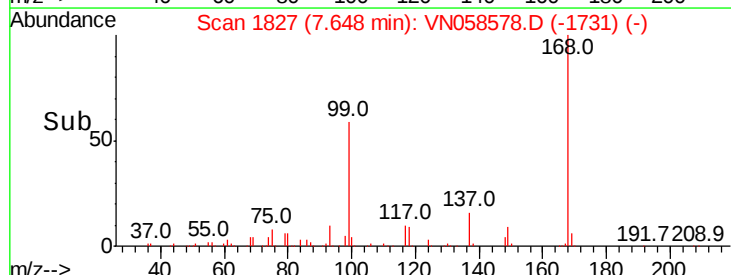
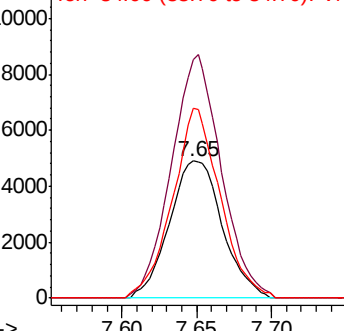
84 139.0 67.6 101.4#

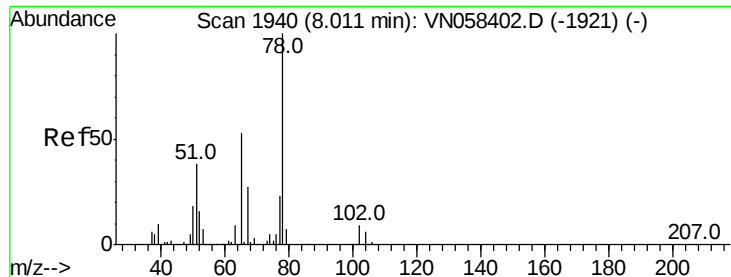


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 46.176 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

Instrument :

MSVOA_N

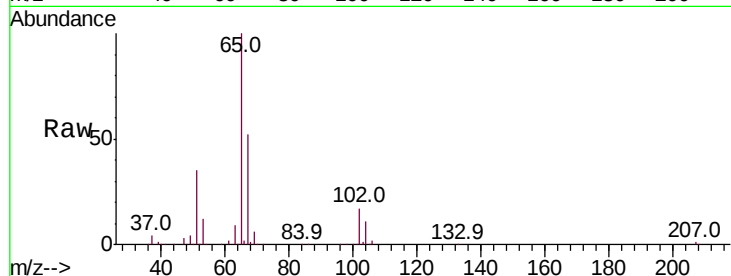
ClientSampleId :

Tot Ion: 65 Resp: 355904

Ion Ratio Lower Upper

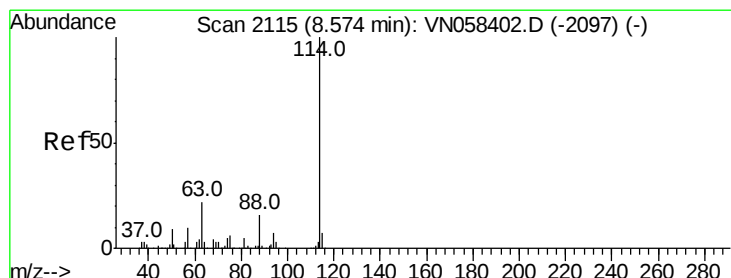
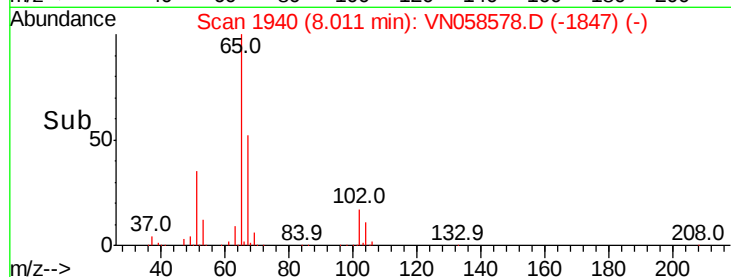
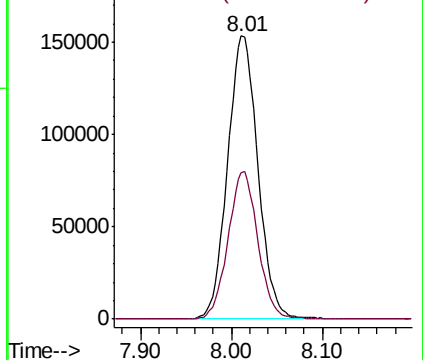
65 100

67 51.1 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

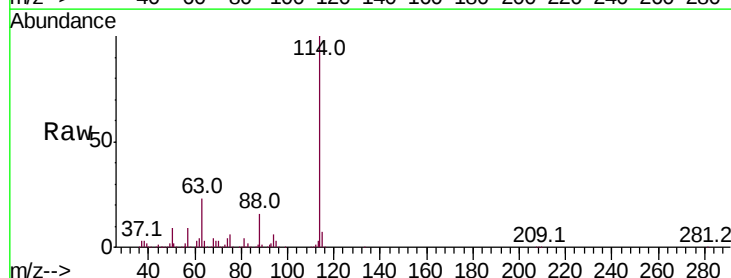
Tgt Ion: 114 Resp: 835245

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

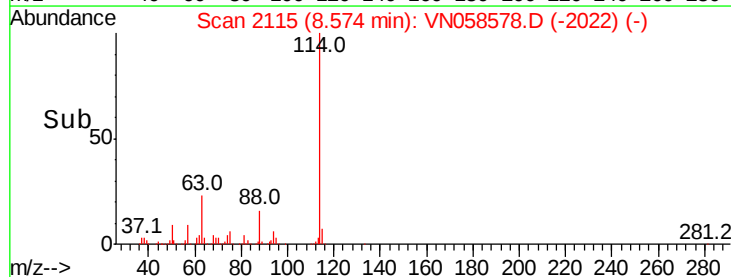
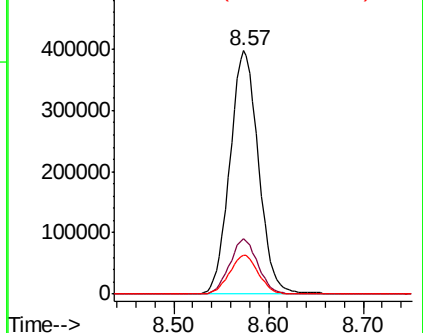
88 16.2 0.0 32.2

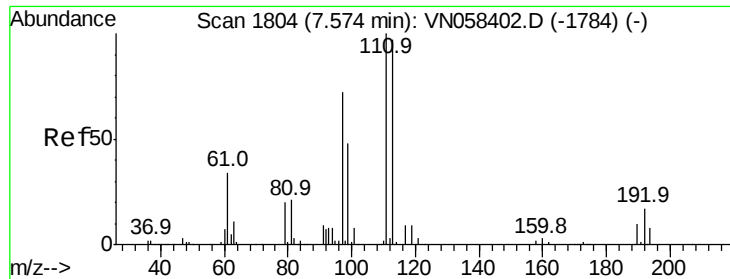


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

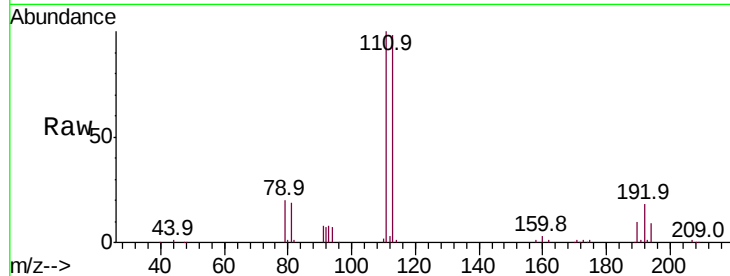




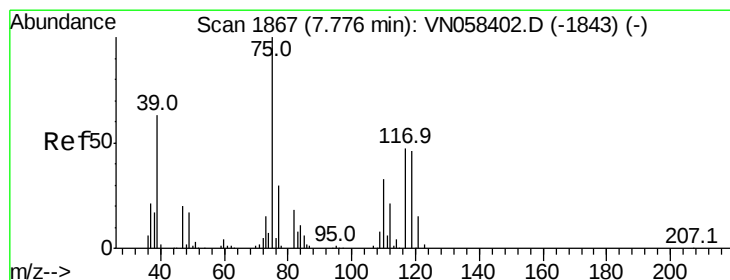
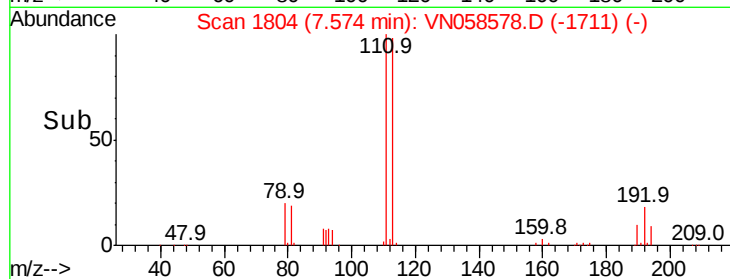
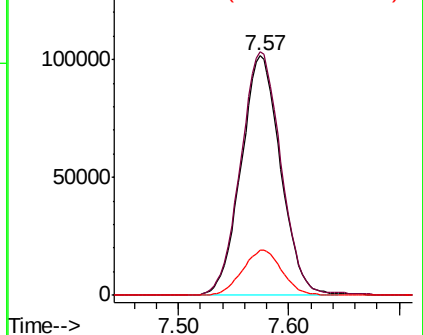
#35
 Dibromofluoromethane
 Concen: 49.158 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058578.D
 Acq: 7 Oct 2019 19:43

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.4	125.2
192	19.0	14.9	22.3

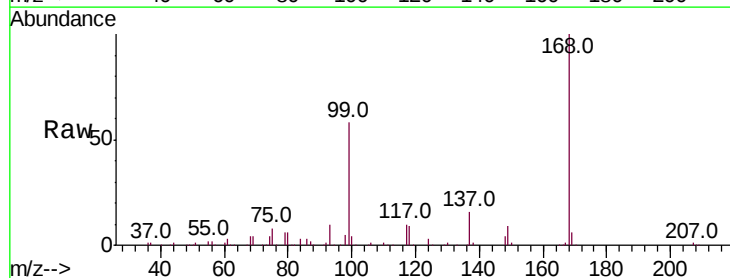


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

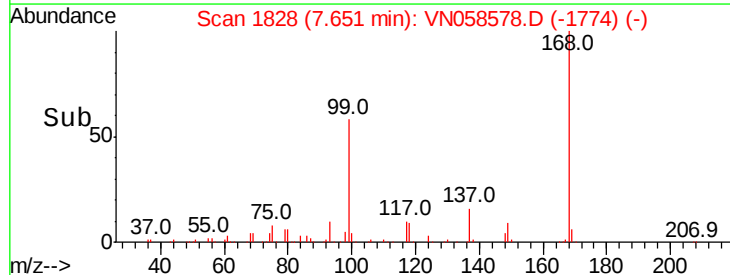
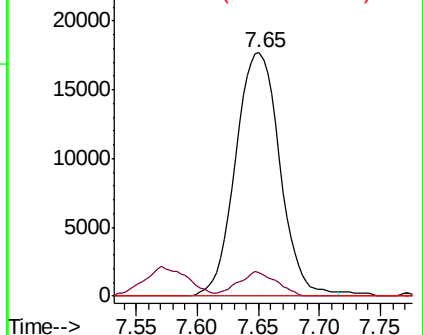


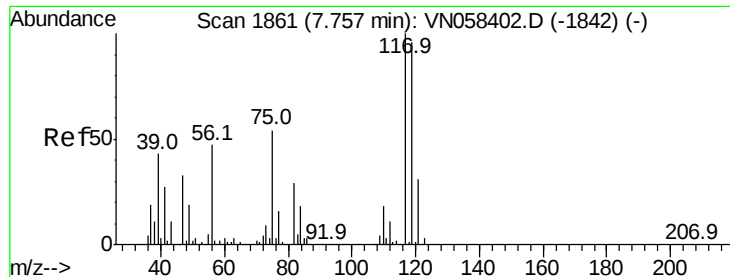
#36
 1,1-Dichloropropene
 Concen: 5.569 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058578.D
 Acq: 7 Oct 2019 19:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.4	49.2#
77	0.0	24.3	36.5#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 7.081 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

Instrument :

MSVOA_N

ClientSampled :

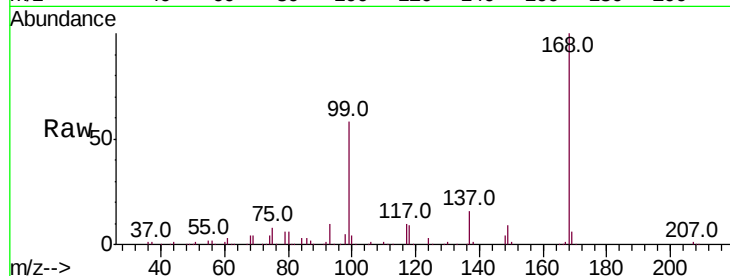
Tot Ion:117 Resp: 51046

Ion Ratio Lower Upper

117 100

119 4.7 76.6 115.0#

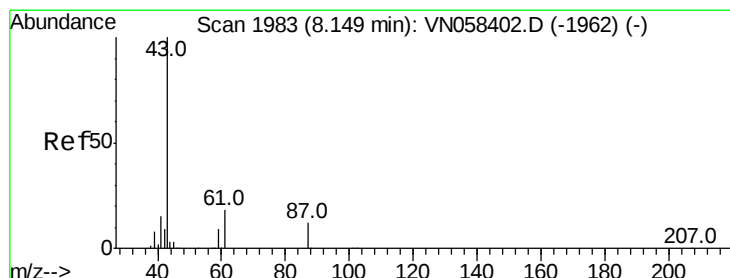
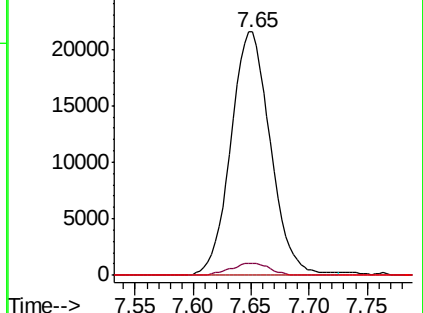
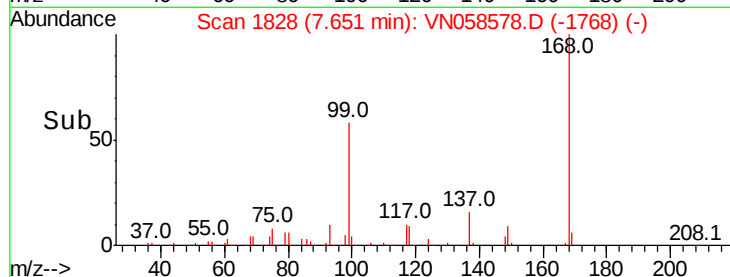
121 0.0 24.7 37.1#



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: 8.647 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

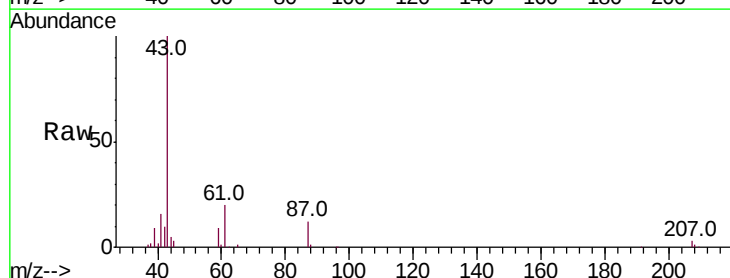
Tgt Ion: 43 Resp: 110108

Ion Ratio Lower Upper

43 100

61 19.5 14.8 22.2

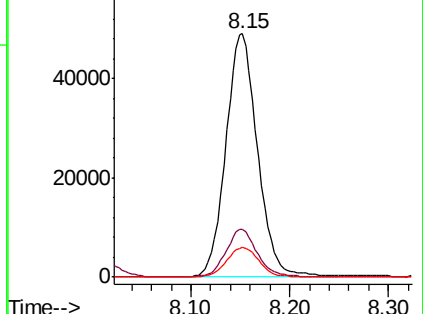
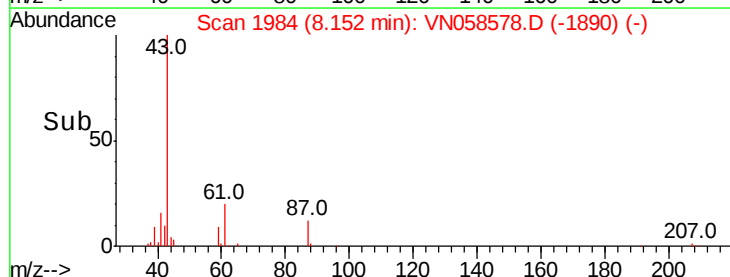
87 12.5 9.7 14.5

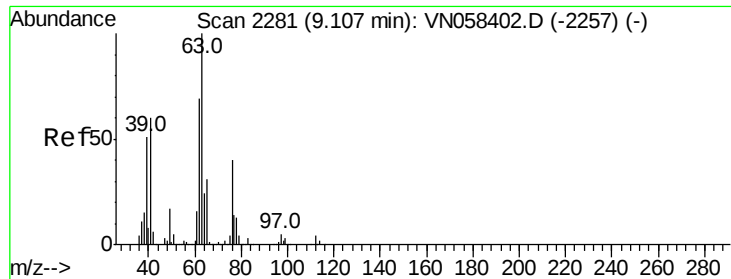


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

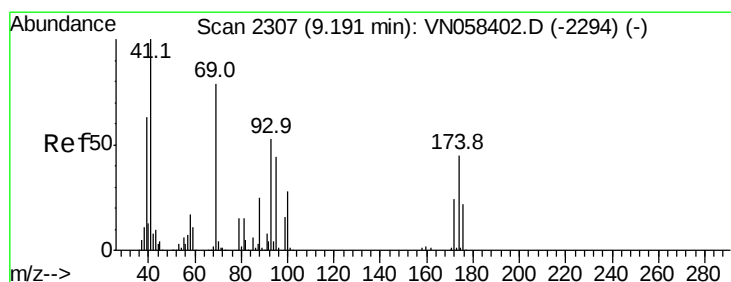
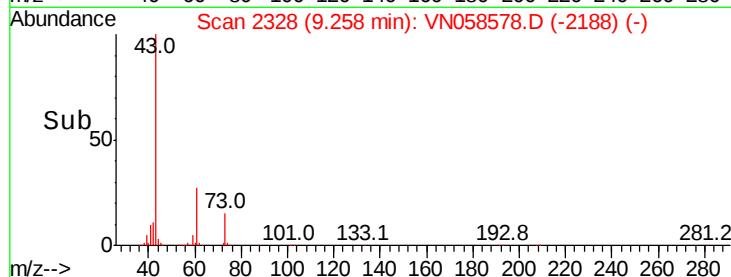
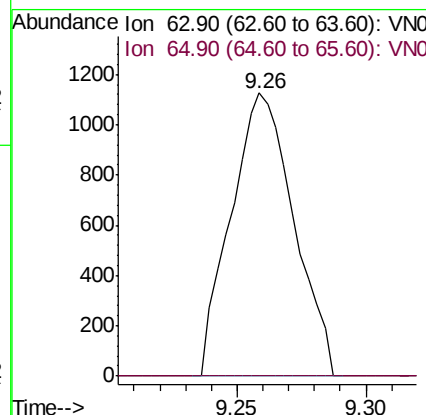
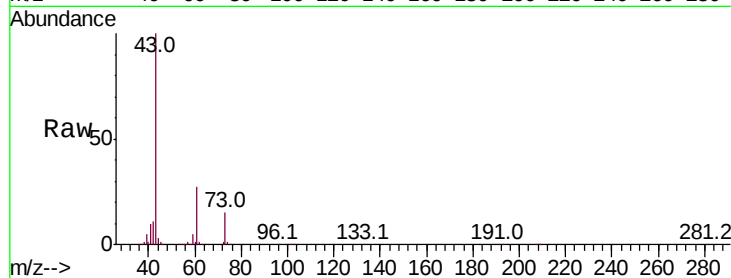




#45
1,2-Dichloropropane
Concen: 0.310 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.15 min
Lab File: VN058578.D
Acq: 7 Oct 2019 19:43

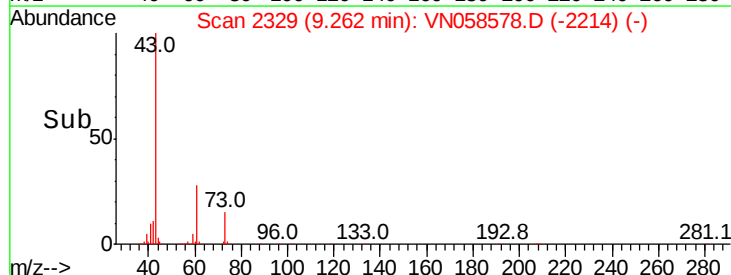
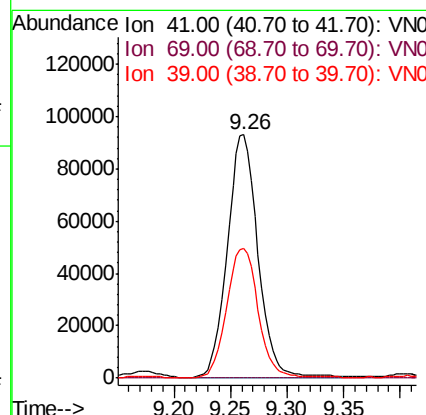
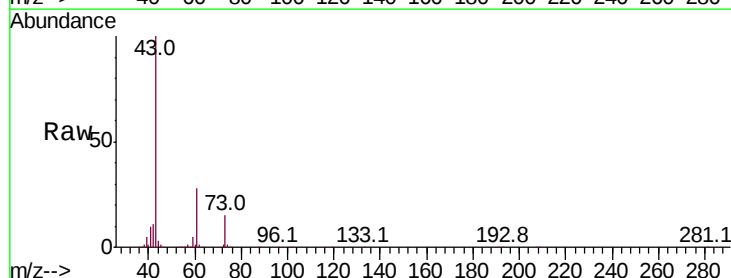
Instrument :
MSVOA_N
ClientSampleId :

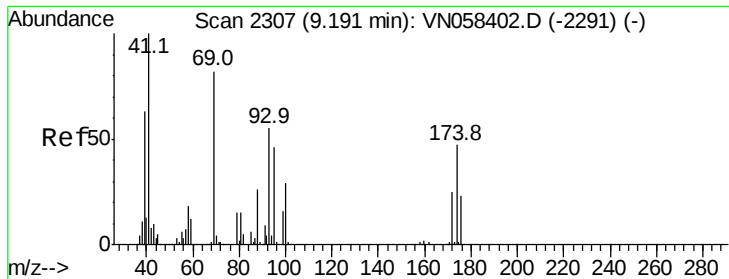
Tot Ion: 63 Resp: 1910
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 29.849 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN058578.D
Acq: 7 Oct 2019 19:43

Tgt Ion: 41 Resp: 173064
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 56.2 52.9 79.3

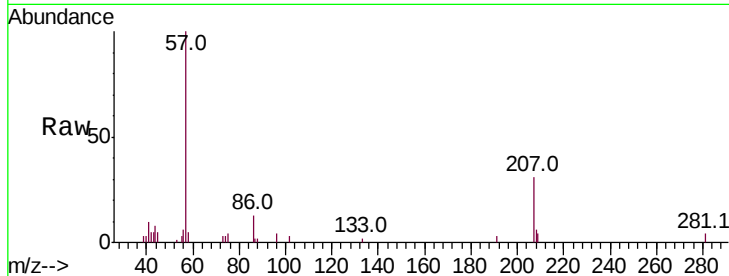




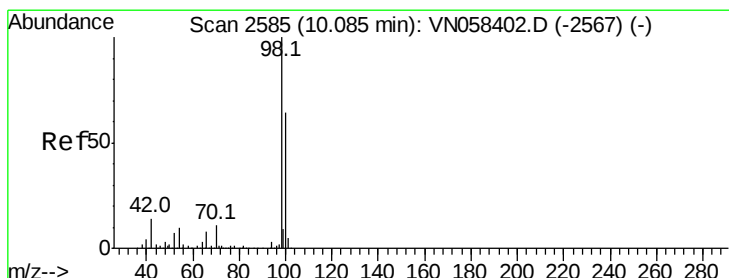
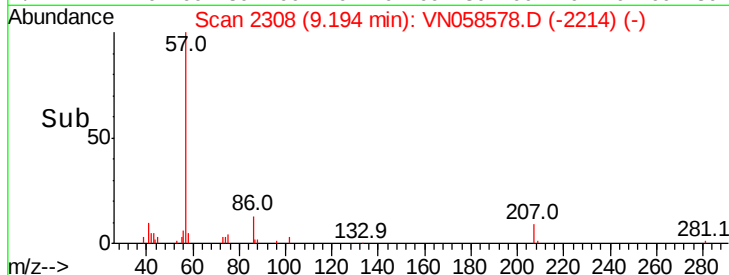
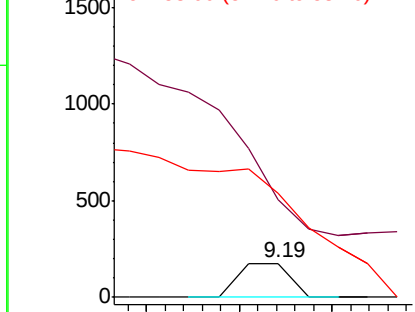
#49
1,4-Dioxane
Concen: 0.864 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058578.D
Acq: 7 Oct 2019 19:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 0.0 31.1 46.7#
58 0.0 58.1 87.1#

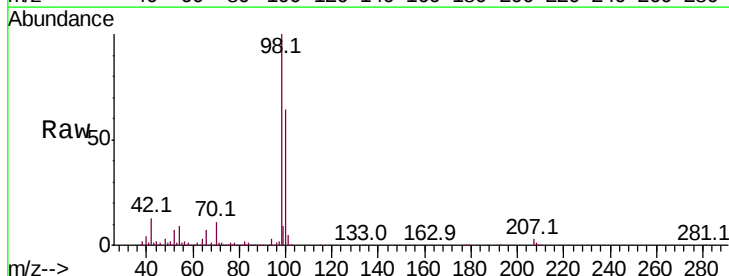


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

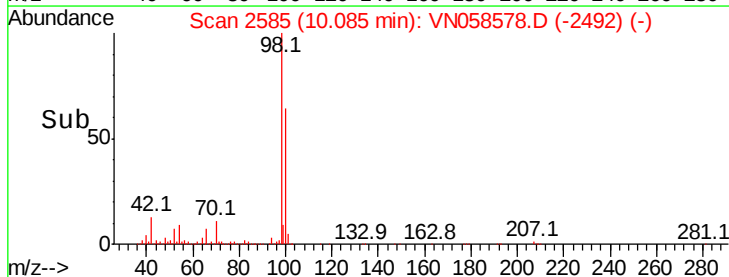
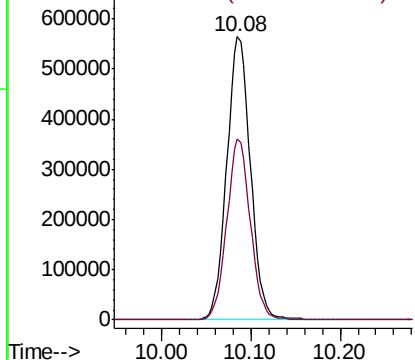


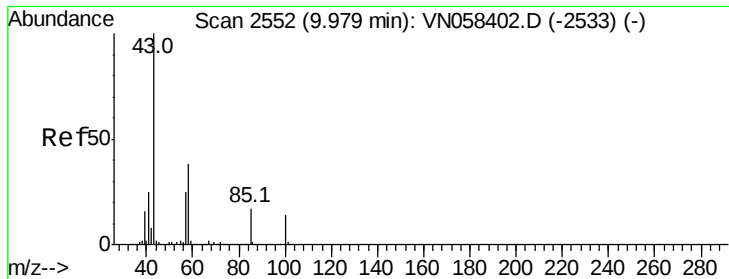
#50
Toluene-d8
Concen: 51.816 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058578.D
Acq: 7 Oct 2019 19:43

Tgt Ion: 98 Resp: 1039098
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

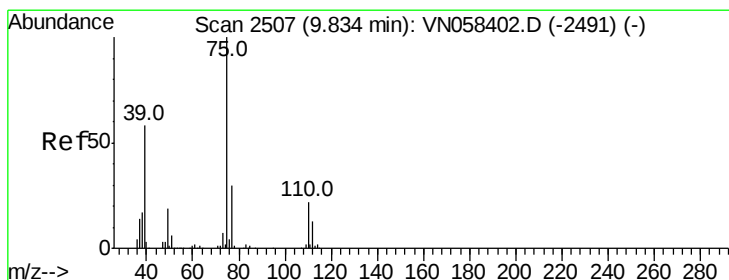
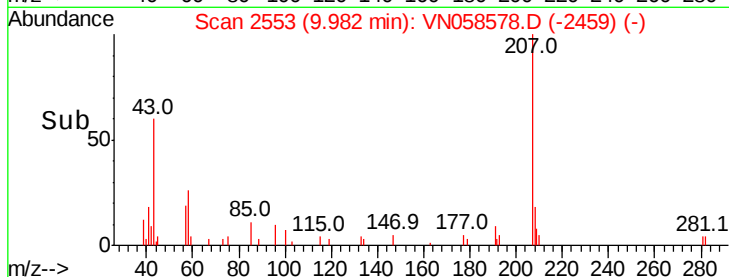
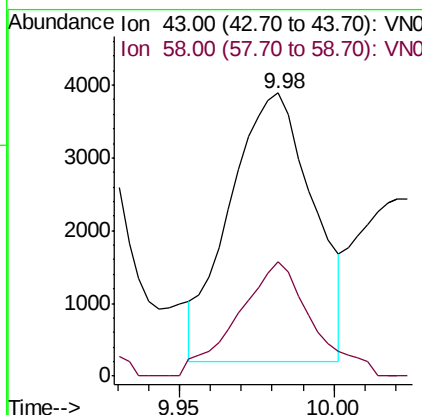
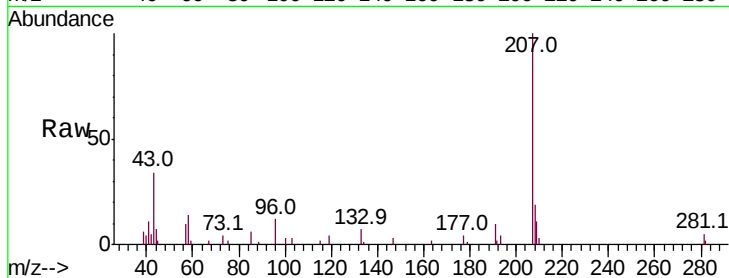




#51
 4-Methyl-2-Pentanone
 Concen: 1.057 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN058578.D
 Acq: 7 Oct 2019 19:43

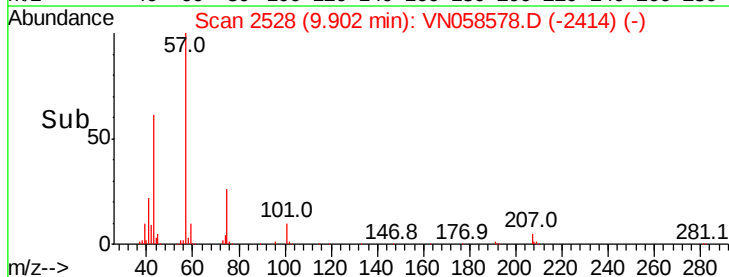
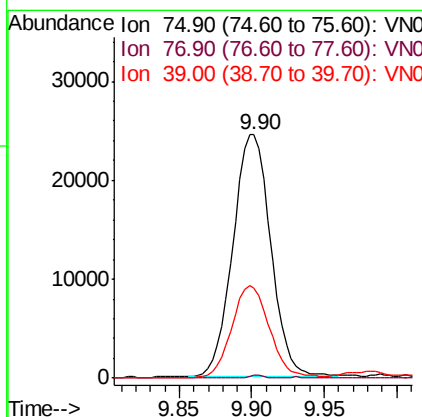
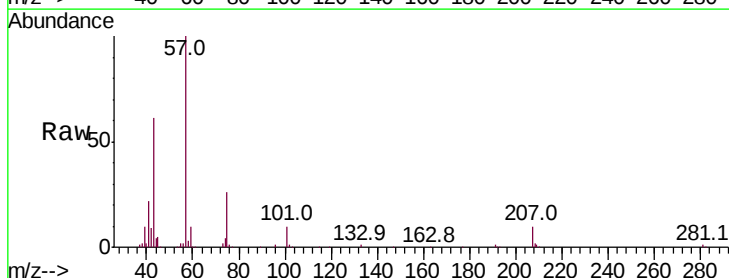
Instrument :
 MSVOA_N
 ClientSampleId :

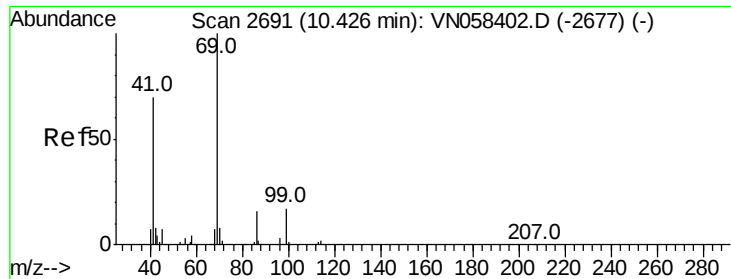
Tot Ion: 43 Resp: 6914
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.2 45.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.951 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN058578.D
 Acq: 7 Oct 2019 19:43

Tgt Ion: 75 Resp: 44195
 Ion Ratio Lower Upper
 75 100
 77 1.1 24.2 36.4#
 39 37.5 46.4 69.6#





#56

Ethyl methacrylate

Concen: 0.209 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.11 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

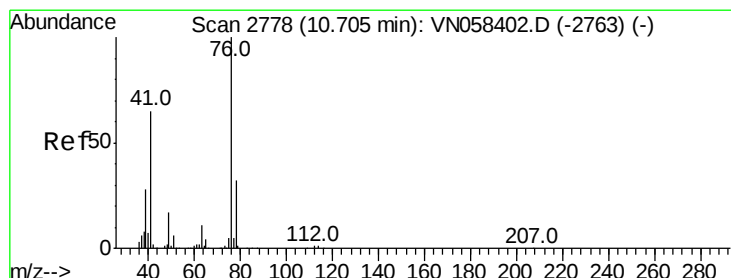
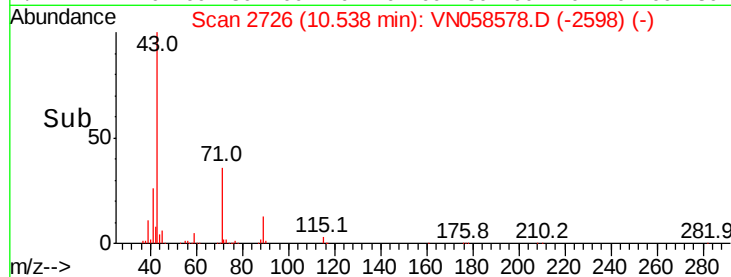
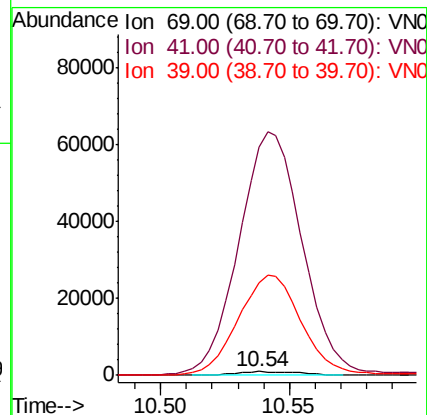
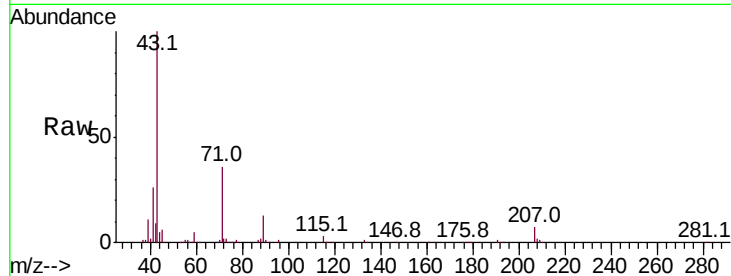
Tot Ion: 69 Resp: 1665

Ion Ratio Lower Upper

69 100

41 6463.7 56.3 84.5#

39 2680.1 35.8 53.6#



#57

1,3-Dichloropropane

Concen: 0.832 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058578.D

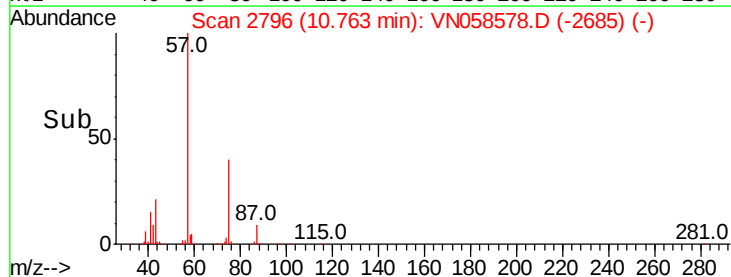
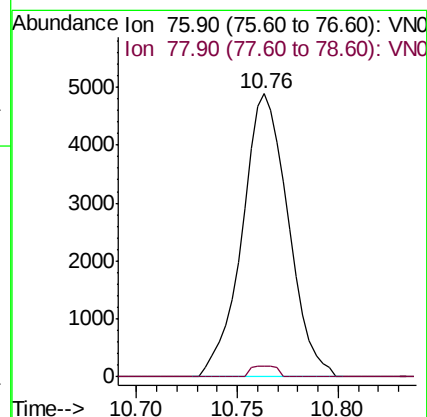
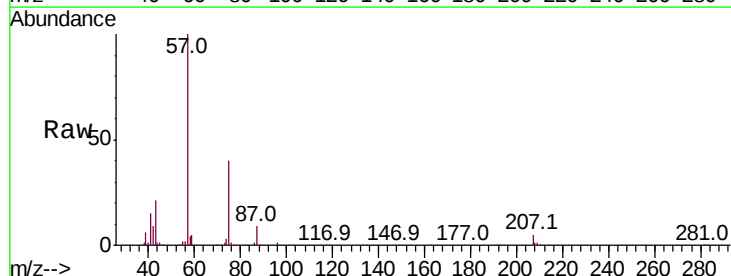
Acq: 7 Oct 2019 19:43

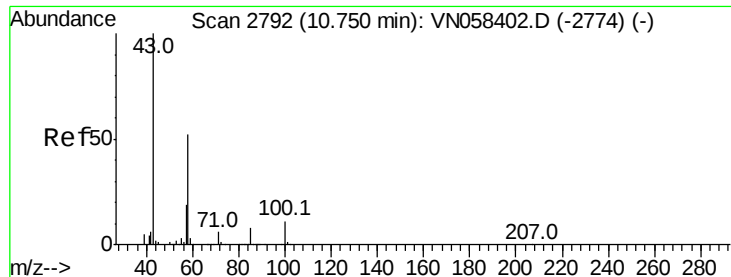
Tgt Ion: 76 Resp: 7804

Ion Ratio Lower Upper

76 100

78 2.2 25.7 38.5#





#59

2-Hexanone

Concen: 24.482 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

Instrument :

MSVOA_N

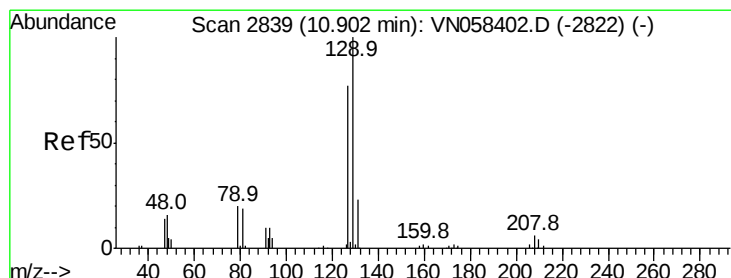
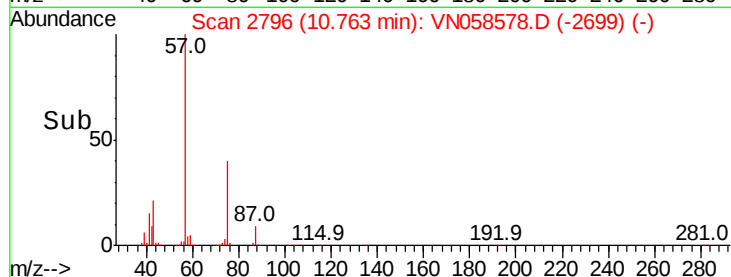
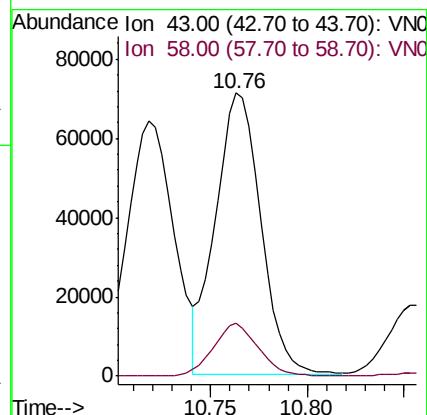
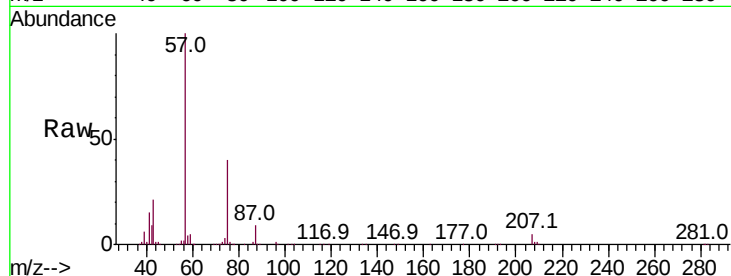
ClientSampled :

Tot Ion: 43 Resp: 116595

Ion Ratio Lower Upper

43 100

58 18.8 25.8 77.3#



#60

Dibromochloromethane

Concen: Below Cal

RT: 10.63 min Scan# 2756

Delta R.T. -0.27 min

Lab File: VN058578.D

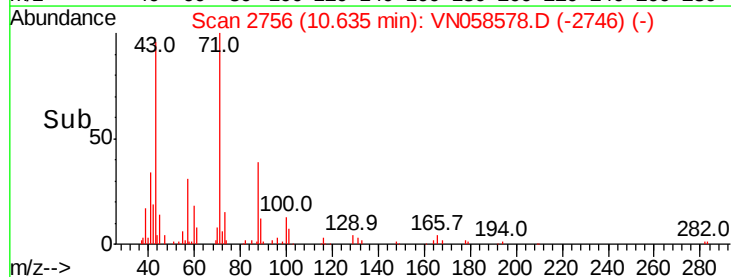
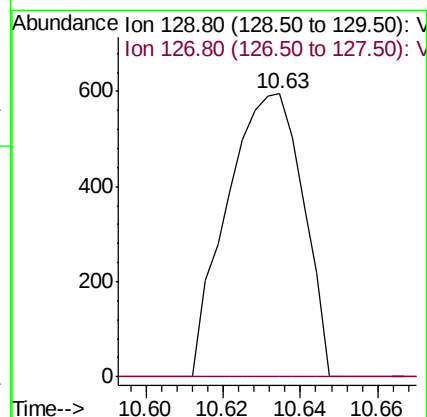
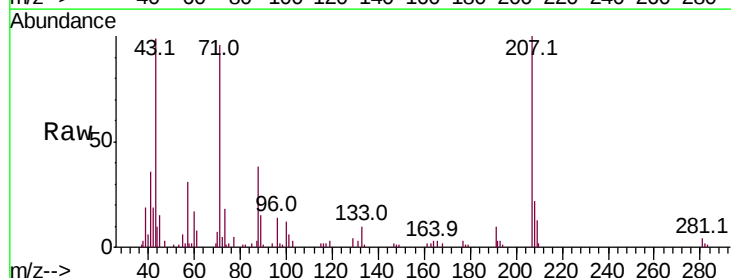
Acq: 7 Oct 2019 19:43

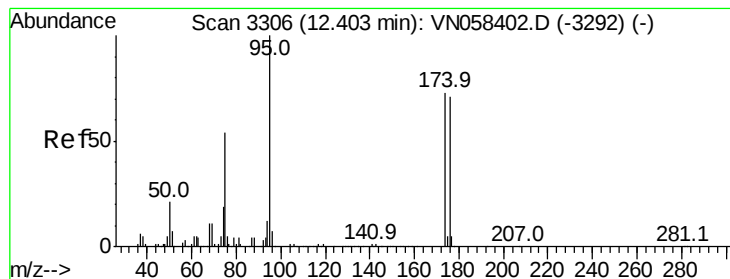
Tgt Ion: 129 Resp: 808

Ion Ratio Lower Upper

129 100

127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 48.187 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

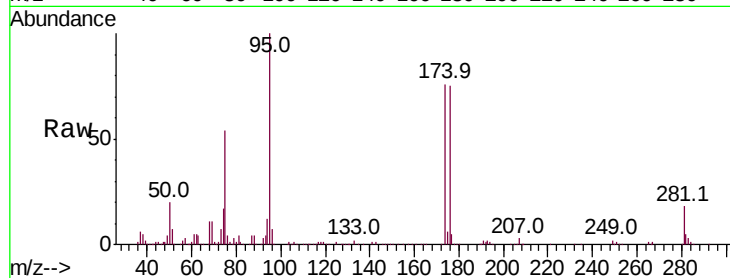
Tot Ion: 95 Resp: 349407

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.6

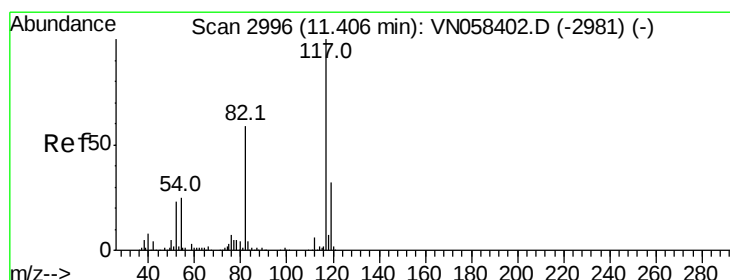
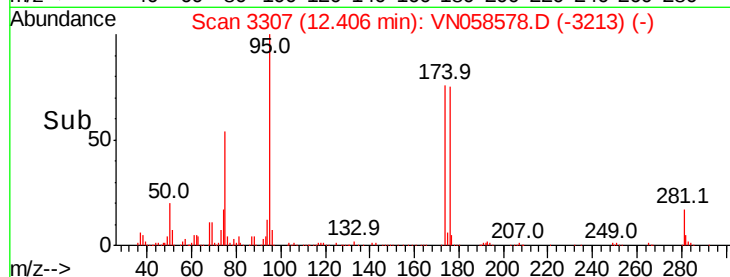
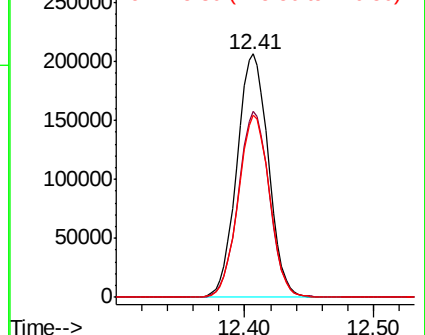
176 74.8 0.0 146.2



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

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): 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: VN058578.D

Acq: 7 Oct 2019 19:43

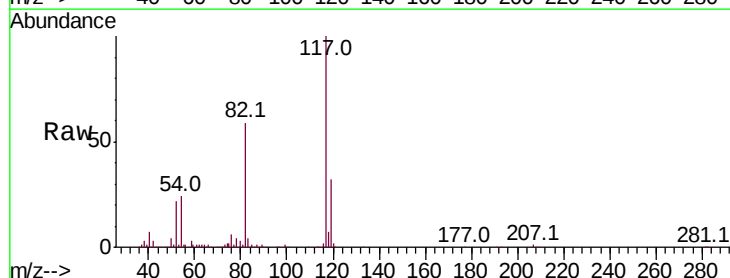
Tgt Ion: 117 Resp: 742471

Ion Ratio Lower Upper

117 100

82 58.9 47.4 71.0

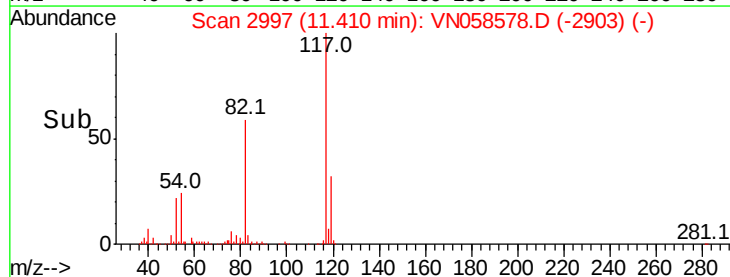
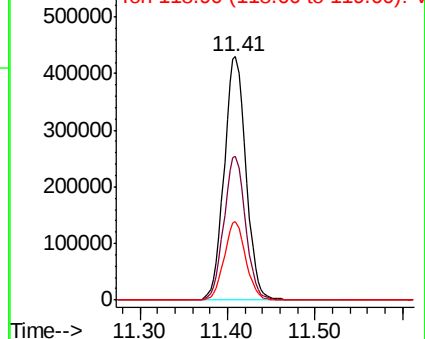
119 32.1 25.5 38.3

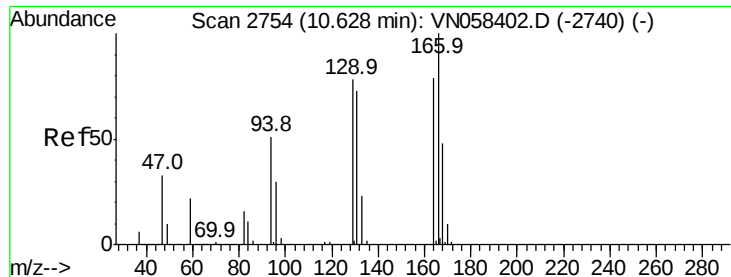


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)





#64

Tetrachloroethene

Concen: 0.284 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 1342

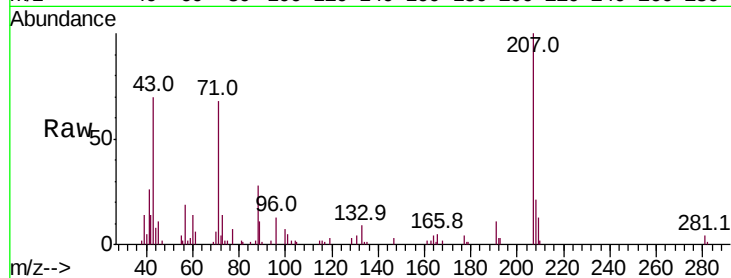
Ion Ratio Lower Upper

164 100

166 110.2 101.1 151.7

129 74.9 79.2 118.8#

131 83.8 74.1 111.1

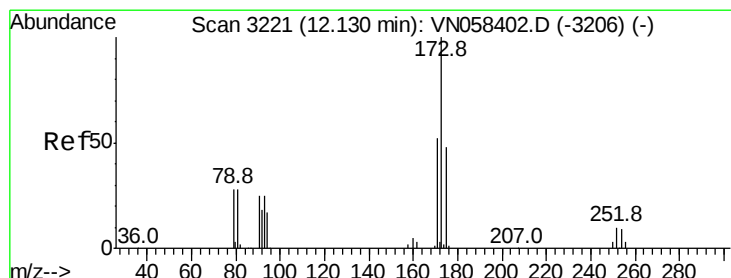
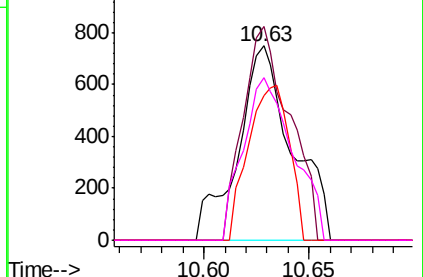
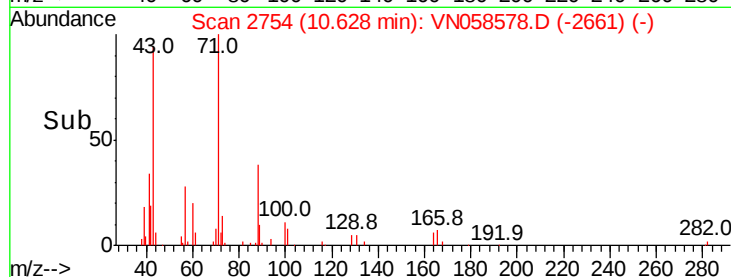


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 0.827 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

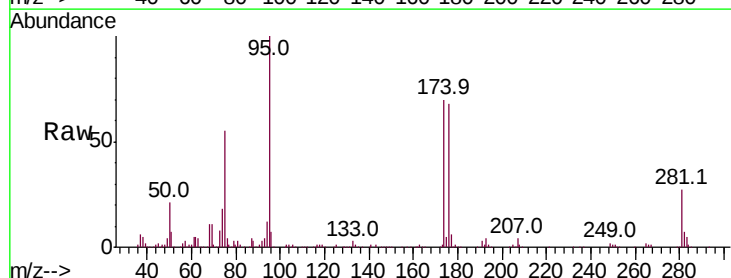
Tgt Ion:173 Resp: 460

Ion Ratio Lower Upper

173 100

175 3579.3 24.3 73.0#

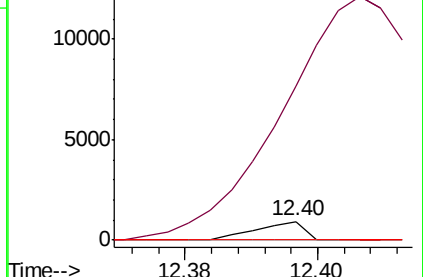
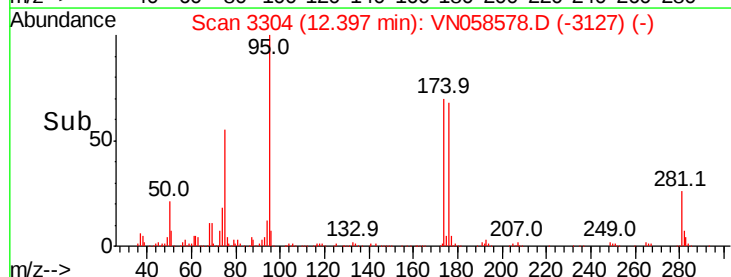
254 0.0 0.1 0.1#

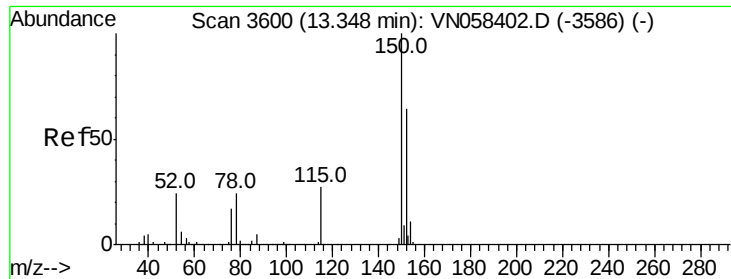


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN058578.D

Acq: 7 Oct 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

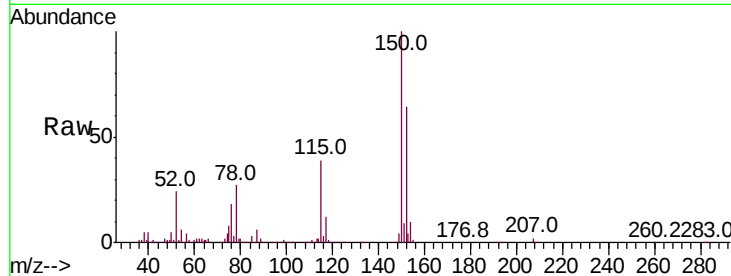
Tot Ion:152 Resp: 304869

Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

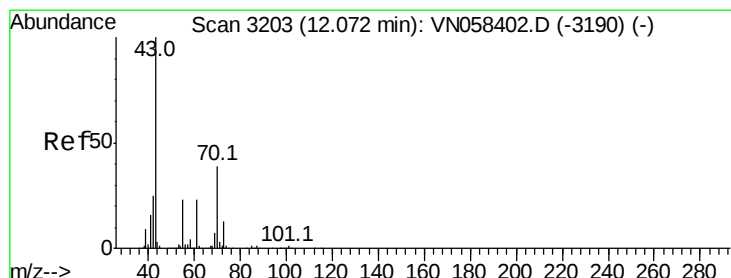
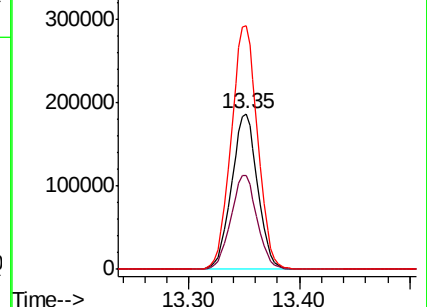
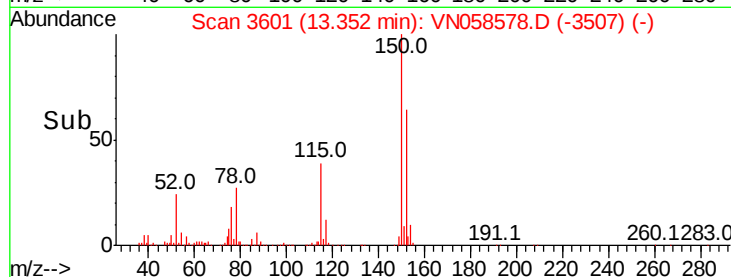
150 159.2 0.0 348.2



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



#74

N-ethyl acetate

Concen: 0.607 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

Tgt Ion: 43 Resp: 5442

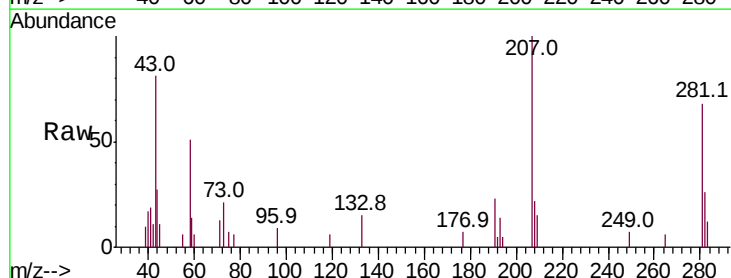
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 3.0 18.2 27.4#

61 0.0 18.3 27.5#

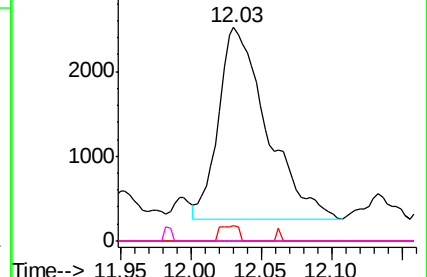
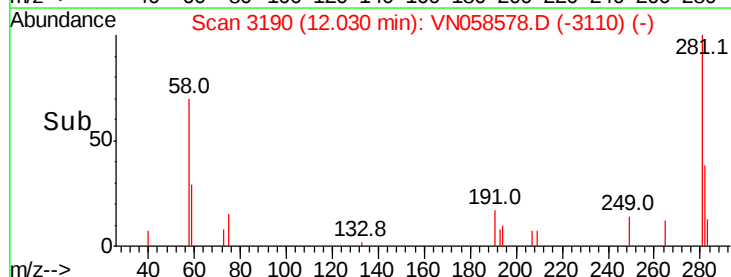


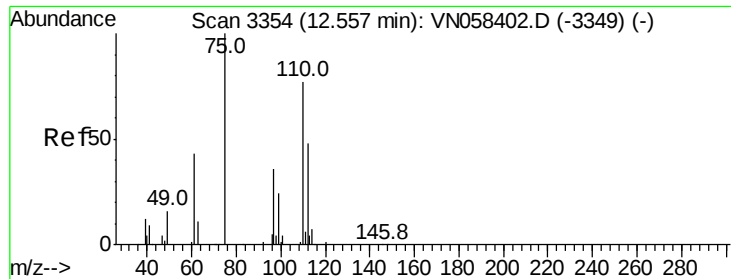
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 33.847 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

Instrument :

MSVOA_N

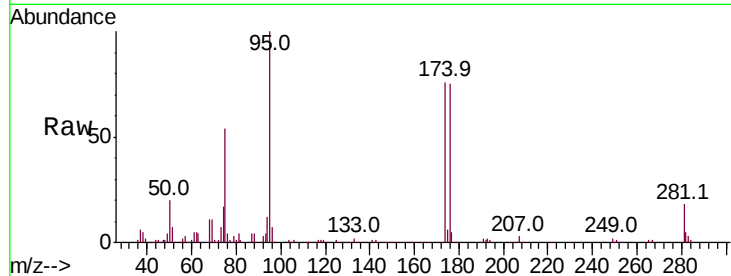
ClientSampleId :

Tot Ion: 75 Resp: 188476

Ion Ratio Lower Upper

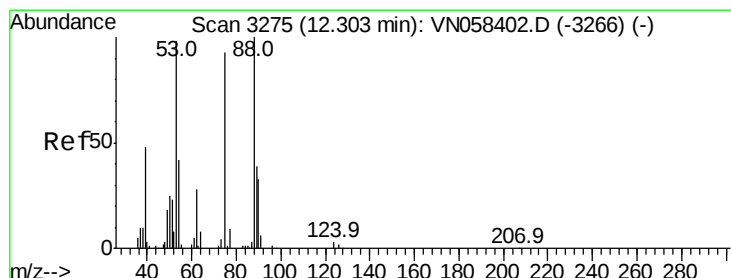
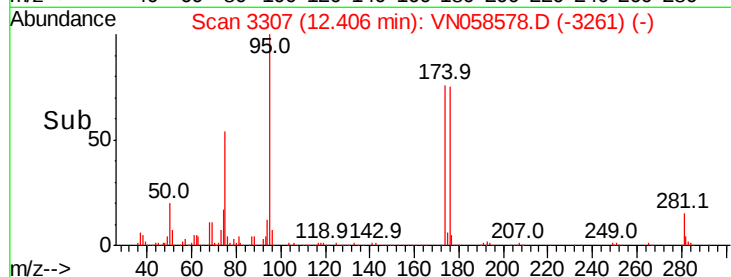
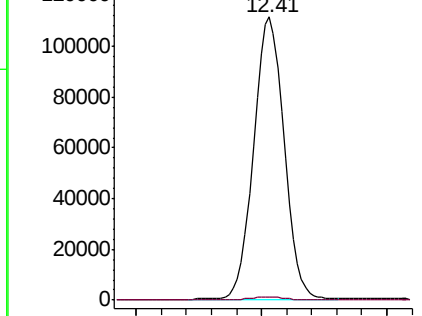
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC



#81

trans-1,4-Dichloro-2-butene

Concen: 102.798 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058578.D

Acq: 7 Oct 2019 19:43

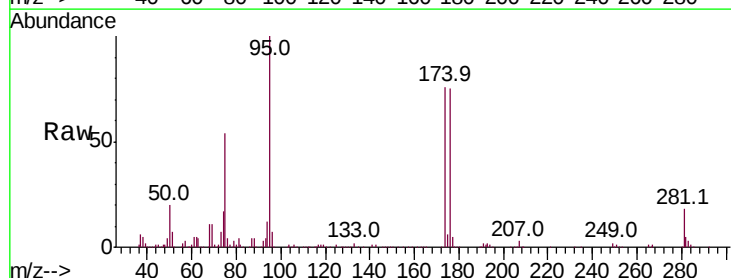
Tgt Ion: 75 Resp: 188476

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

89 0.7 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 53.00 (52.70 to 53.70): VNC

Ion 88.90 (88.60 to 89.60): VNC

