

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059433.D
 Acq On : 27 Nov 2019 19:53
 Operator : JC/SP
 Sample : K5675-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 29 03:02:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	356674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	548537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	490410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	195354	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	203873	48.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.60%	
35) Dibromofluoromethane	7.57	113	166088	49.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.42%	
50) Toluene-d8	10.08	98	671182	50.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.40	95	223301	48.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.34%	

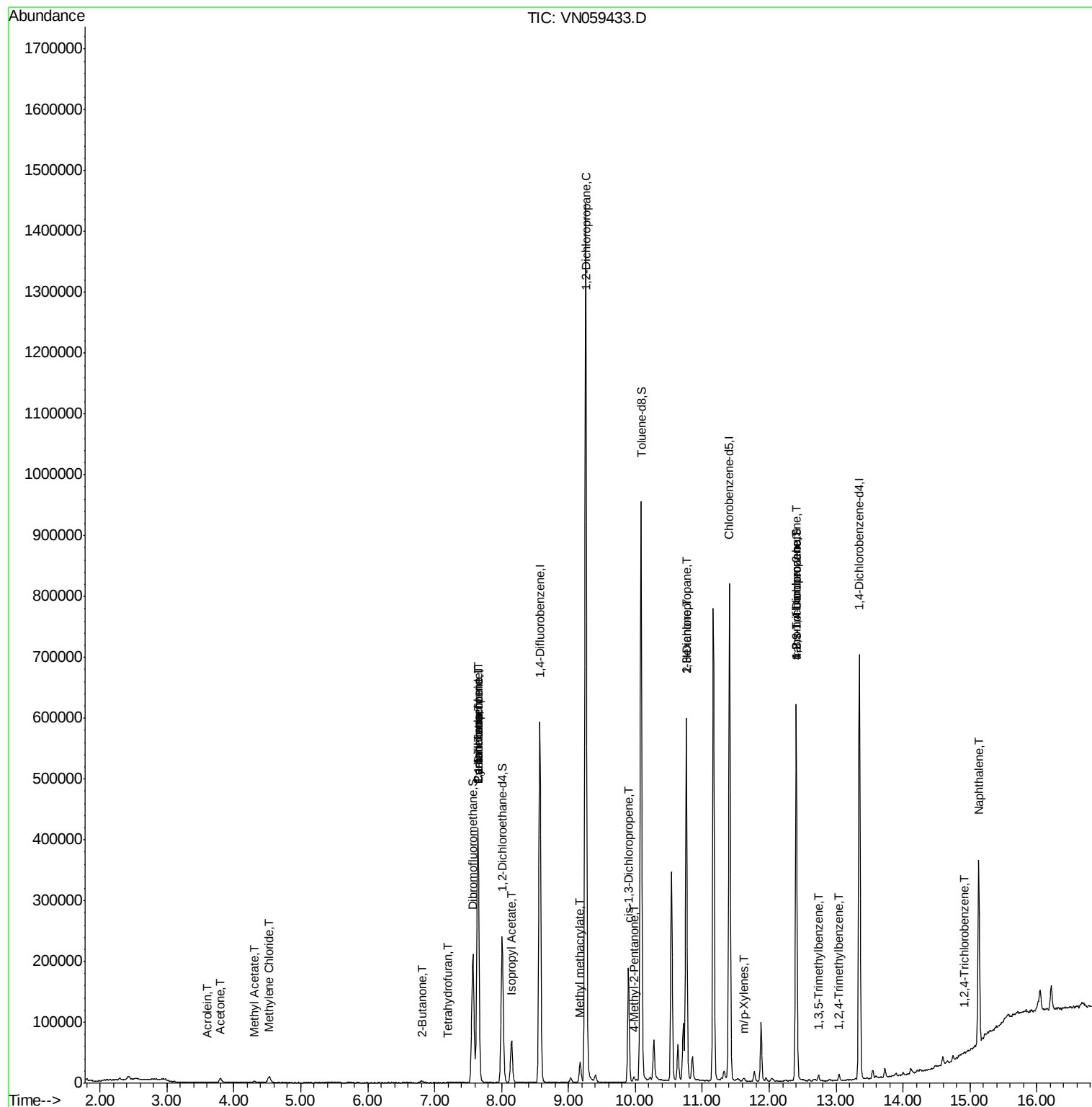
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.59	56	311	0.440	ug/l #	65
16) Acetone	3.80	43	11356	5.705	ug/l	99
18) Methyl Acetate	4.30	43	3875	0.715	ug/l #	70
20) Methylene Chloride	4.53	84	8160	2.018	ug/l	94
25) 2-Butanone	6.82	43	1171	0.428	ug/l #	48
29) Tetrahydrofuran	7.20	42	851	0.467	ug/l #	40
31) Cyclohexane	7.64	56	6478	0.920	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	26164	4.960	ug/l #	50
38) Carbon Tetrachloride	7.65	117	32531	6.535	ug/l #	17
43) Isopropyl Acetate	8.15	43	82236	9.699	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	1875	0.458	ug/l #	44
48) Methyl methacrylate	9.17	41	5365	1.426	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	4834	0.983	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	34911	5.504	ug/l #	63
56) Ethyl methacrylate	10.54	69	1059	Below Cal	#	1
57) 1,3-Dichloropropane	10.76	76	6098	0.963	ug/l #	43
59) 2-Hexanone	10.76	43	85757	23.517	ug/l #	50
68) m/p-Xylenes	11.62	106	1675	0.257	ug/l	81
70) Styrene	11.96	104	1090	Below Cal	#	84
74) N-amyl acetate	12.03	43	4416	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	105936	23.970	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	5787	0.476	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	105936	61.591	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.04	105	6783	0.569	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	368	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.92	180	1450	0.379	ug/l #	79
95) Naphthalene	15.13	128	250433	31.164	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	1723	Below Cal		84

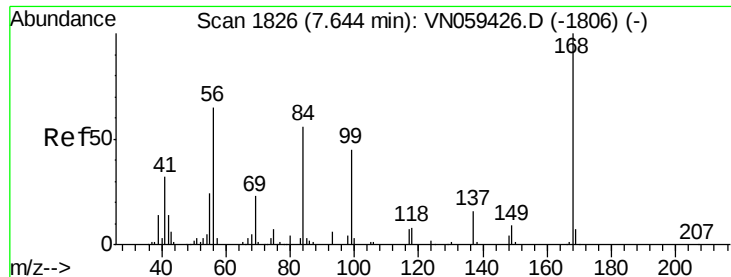
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

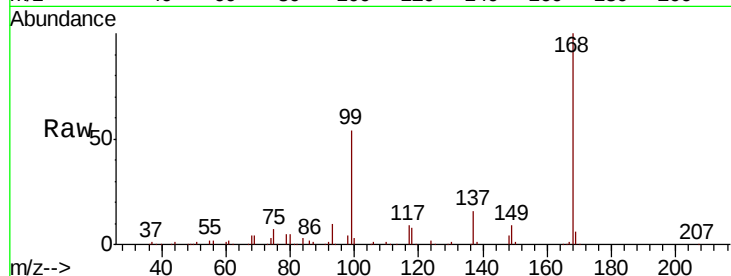
ClientSampled :

Tot Ion:168 Resp: 356674

Ion Ratio Lower Upper

168 100

99 54.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

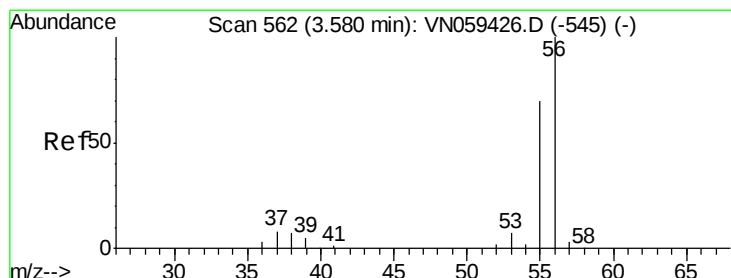
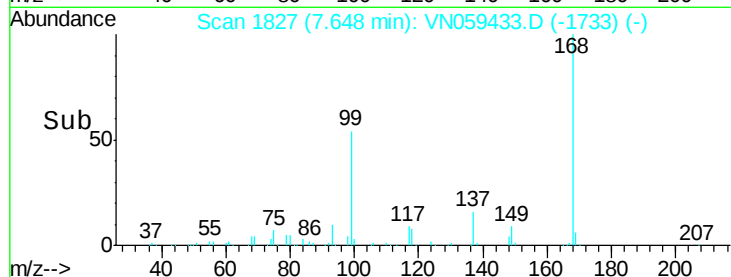
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.440 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.01 min

Lab File: VN059433.D

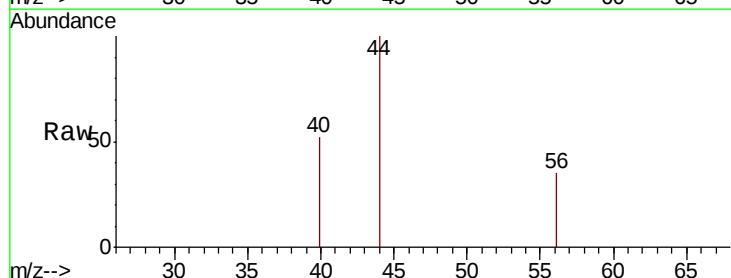
Acq: 27 Nov 2019 19:53

Tgt Ion: 56 Resp: 311

Ion Ratio Lower Upper

56 100

55 42.8 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.59

250

200

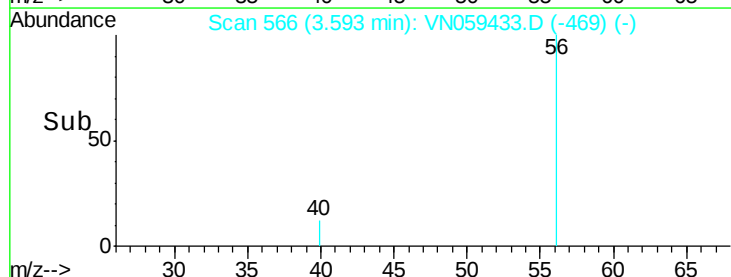
150

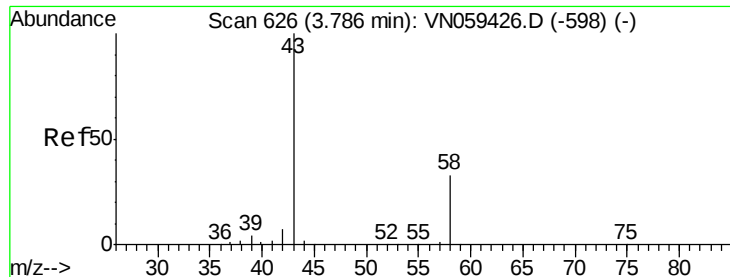
100

50

0

Time-->





#16

Acetone

Concen: 5.705 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

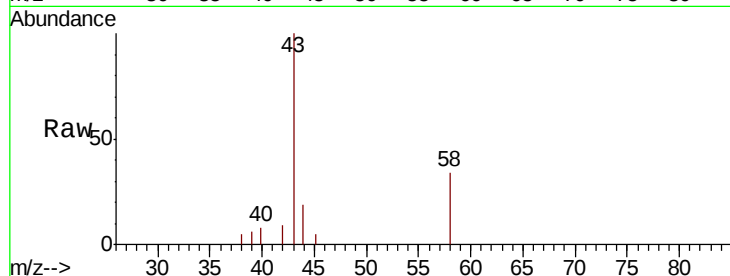
ClientSampleId :

Tot Ion: 43 Resp: 11356

Ion Ratio Lower Upper

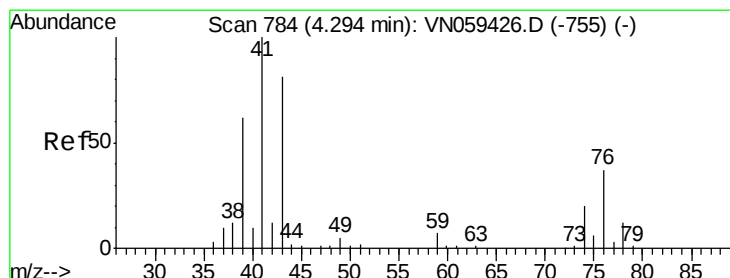
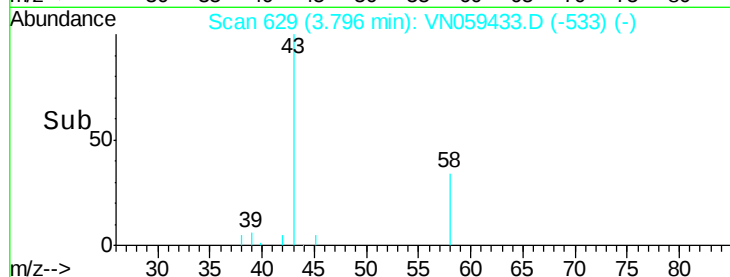
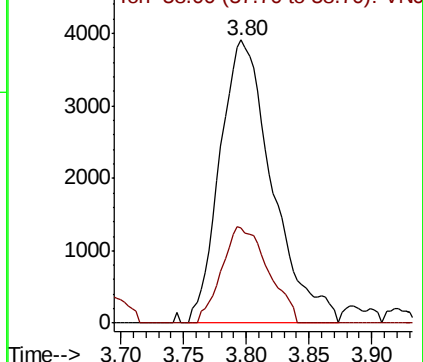
43 100

58 33.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.715 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.01 min

Lab File: VN059433.D

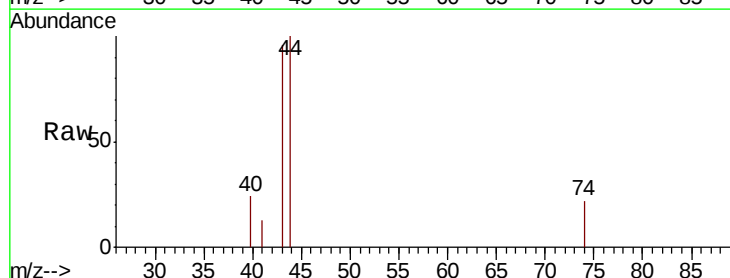
Acq: 27 Nov 2019 19:53

Tgt Ion: 43 Resp: 3875

Ion Ratio Lower Upper

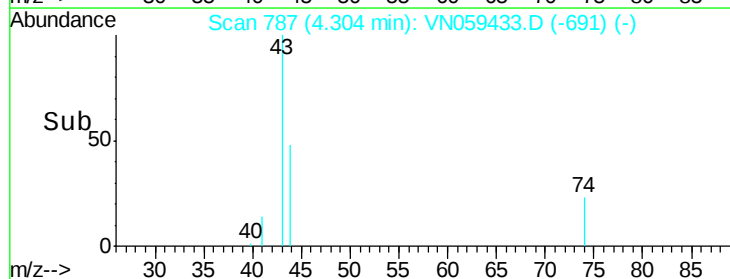
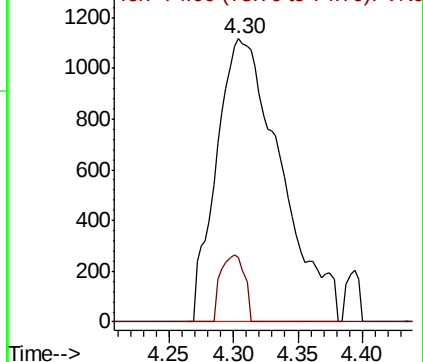
43 100

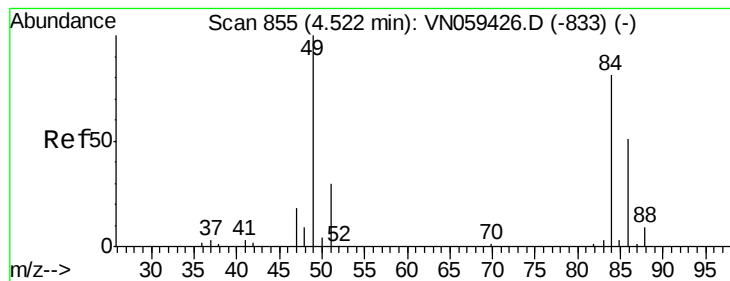
74 8.7 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 2.018 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 84 Resp: 8160

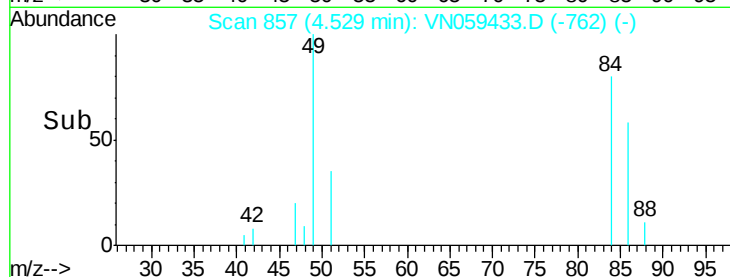
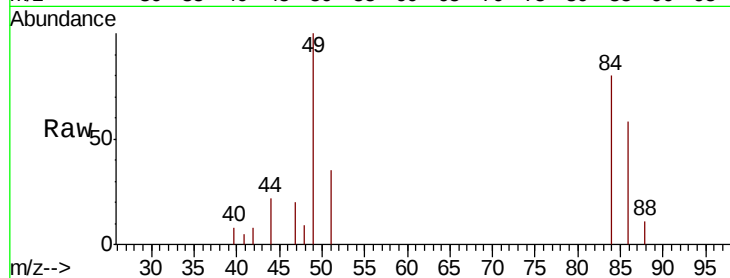
Ion Ratio Lower Upper

84 100

49 125.5 98.6 148.0

51 43.6 29.4 44.0

86 72.2 50.6 76.0

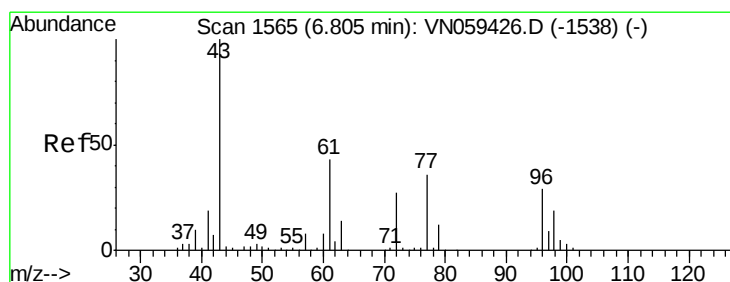
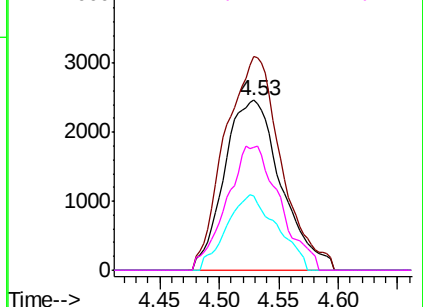


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 0.428 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.02 min

Lab File: VN059433.D

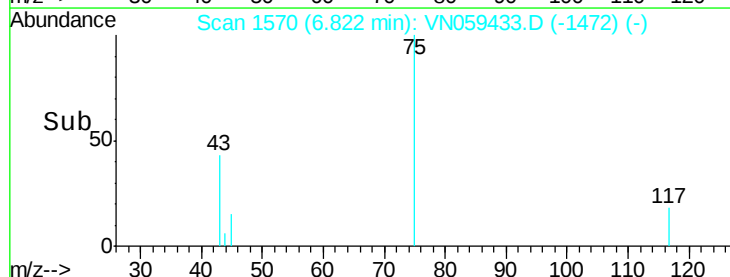
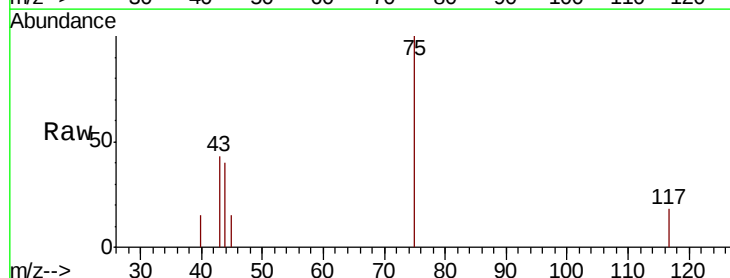
Acq: 27 Nov 2019 19:53

Tgt Ion: 43 Resp: 1171

Ion Ratio Lower Upper

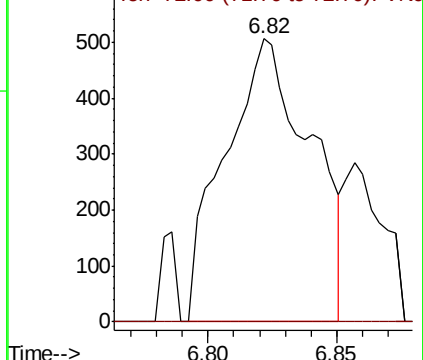
43 100

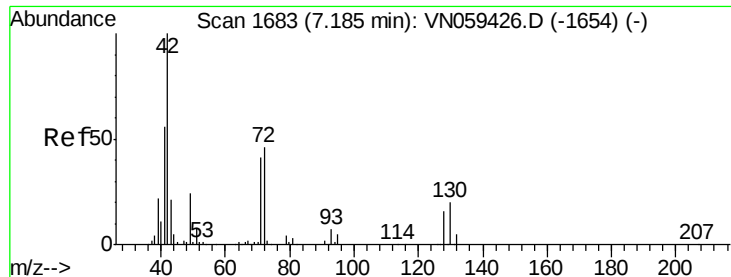
72 0.0 21.4 32.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

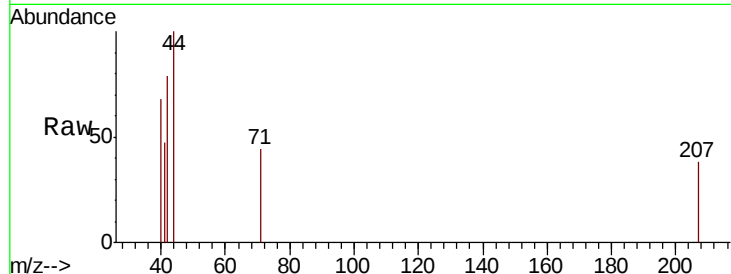




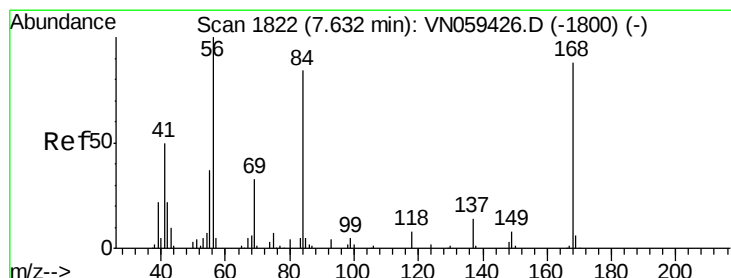
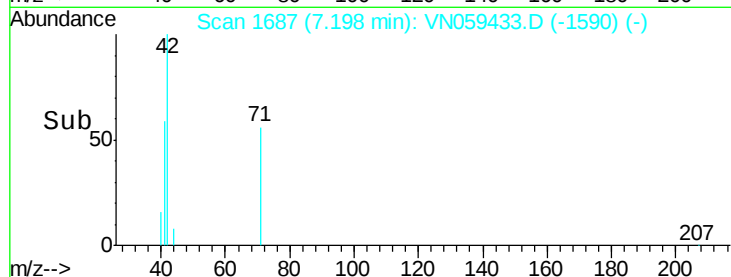
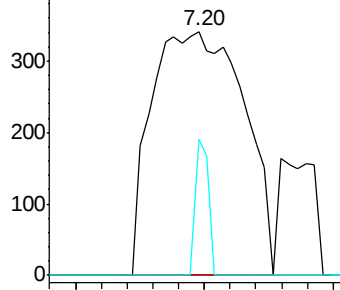
#29
Tetrahydrofuran
Concen: 0.467 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN059433.D
Acq: 27 Nov 2019 19:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 851
Ion Ratio Lower Upper
42 100
72 0.0 34.6 51.8#
71 8.1 33.0 49.6#

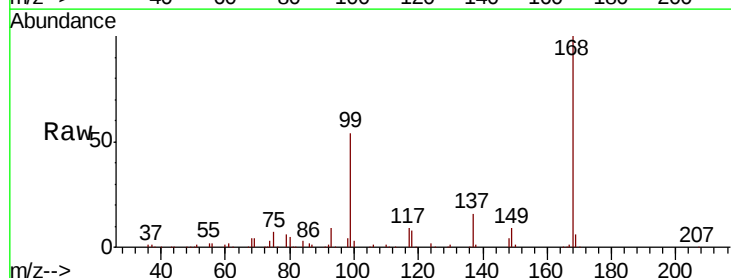


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

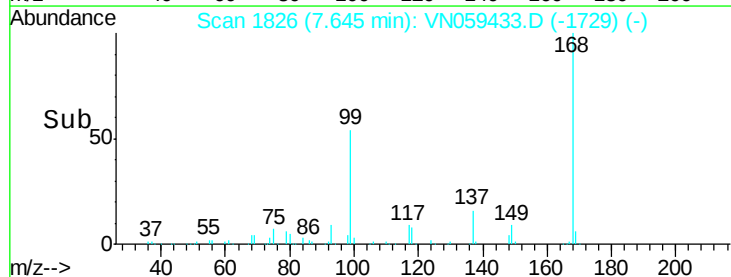
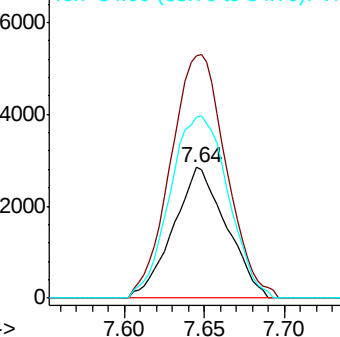


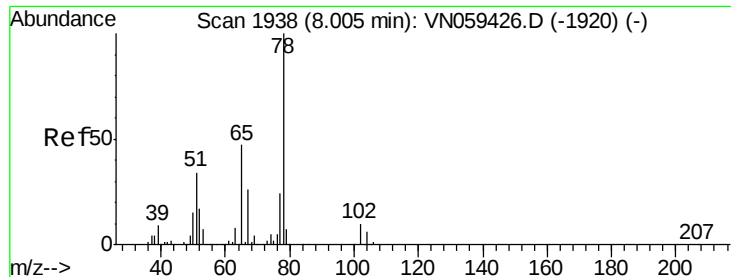
#31
Cyclohexane
Concen: 0.920 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059433.D
Acq: 27 Nov 2019 19:53

Tgt Ion: 56 Resp: 6478
Ion Ratio Lower Upper
56 100
69 185.7 26.4 39.6#
84 138.7 67.0 100.6#



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: 48.796 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

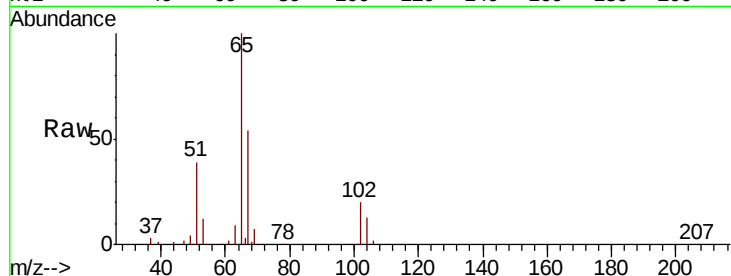
ClientSampleId :

Tot Ion: 65 Resp: 203873

Ion Ratio Lower Upper

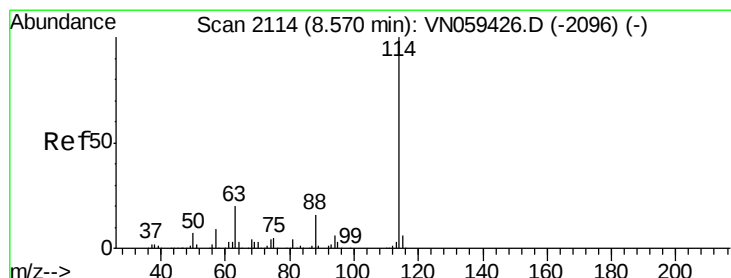
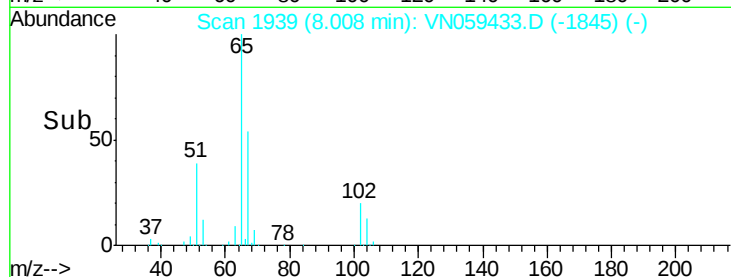
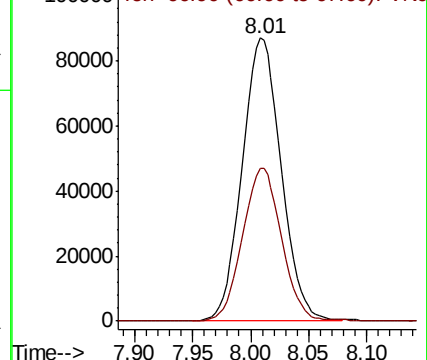
65 100

67 53.8 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN059426.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN059426.D (-1920) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

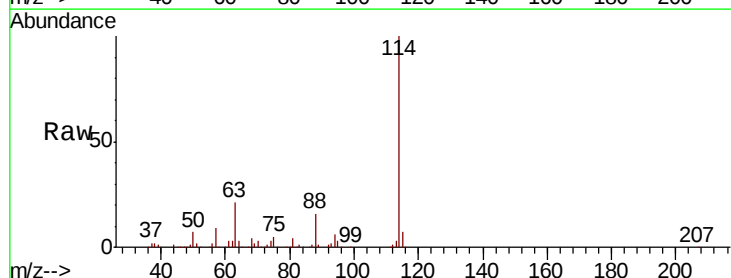
Tgt Ion: 114 Resp: 548537

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.4

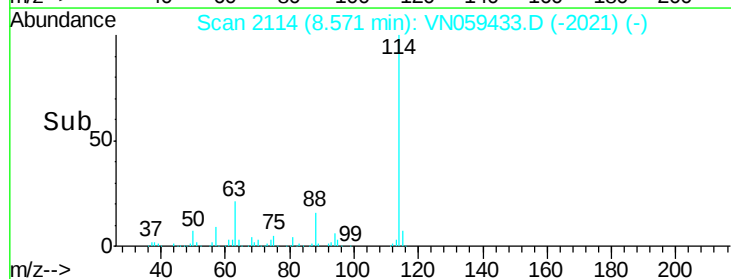
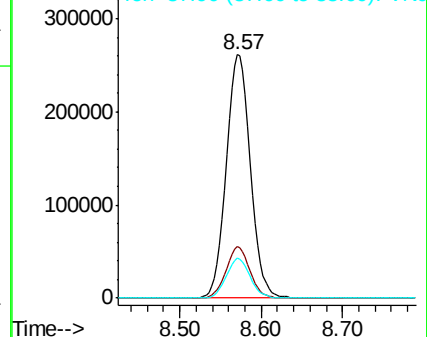
88 16.3 0.0 32.2

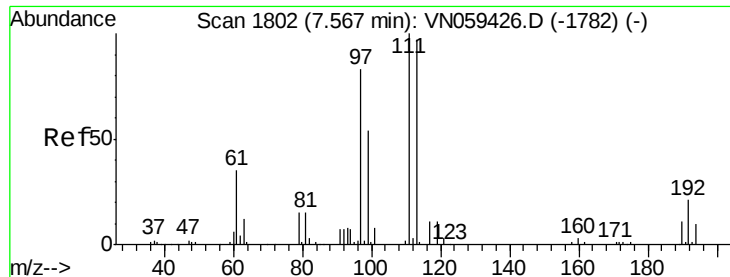


Abundance Ion 113.90 (113.60 to 114.60): VN059426.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN059426.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN059426.D (-2096) (-)





#35

Dibromofluoromethane

Concen: 49.709 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :
MSVOA_N
ClientSampleId :

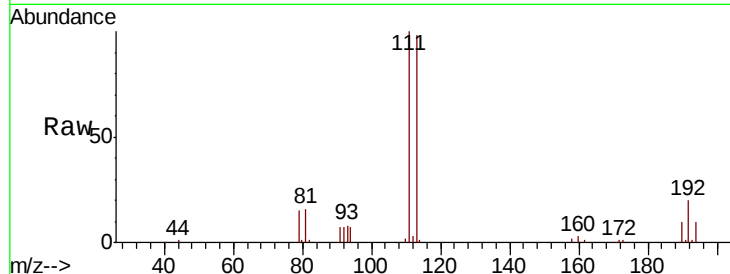
Tot Ion:113 Resp: 166088

Ion Ratio Lower Upper

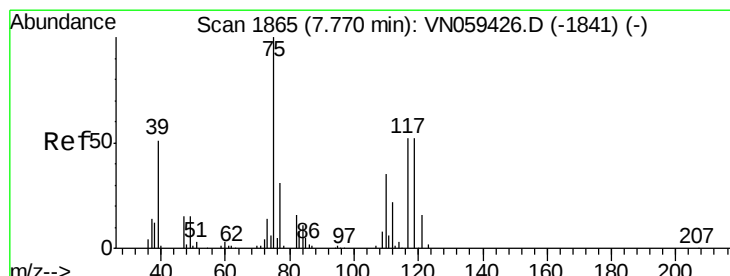
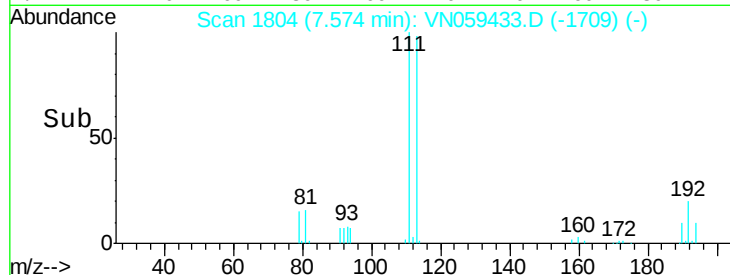
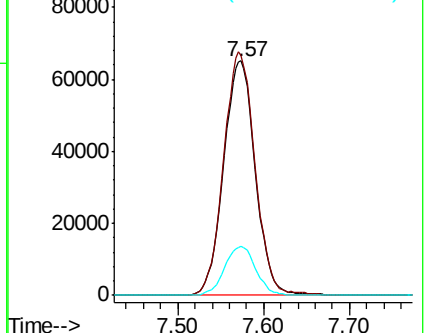
113 100

111 103.2 81.9 122.9

192 20.4 16.6 24.8



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: 4.960 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.12 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

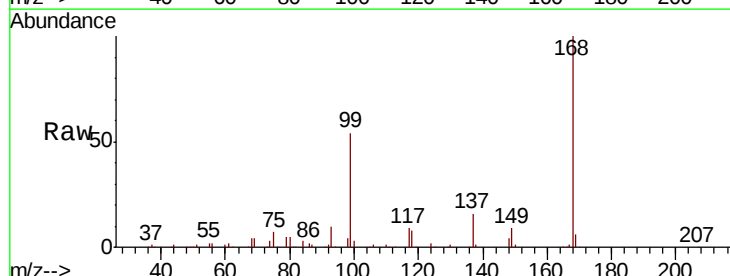
Tgt Ion: 75 Resp: 26164

Ion Ratio Lower Upper

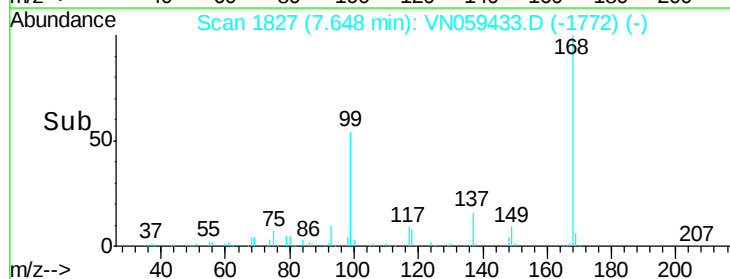
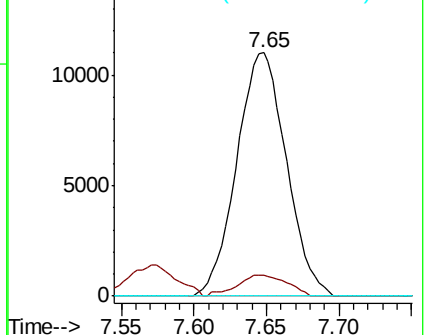
75 100

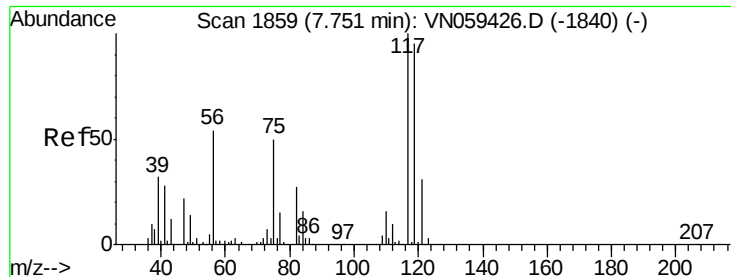
110 8.6 17.3 52.0#

77 0.0 24.9 37.3#



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





#38

Carbon Tetrachloride

Concen: 6.535 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.10 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

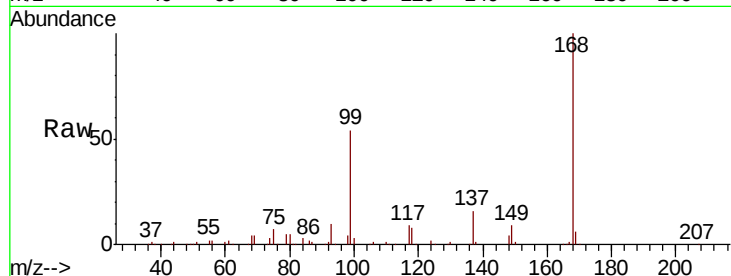
Tot Ion:117 Resp: 32531

Ion Ratio Lower Upper

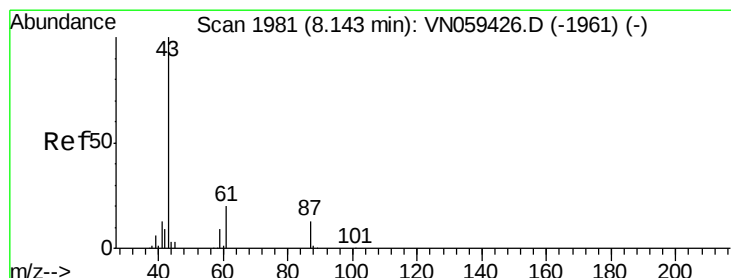
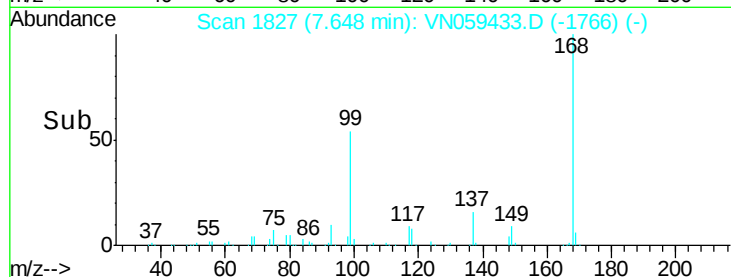
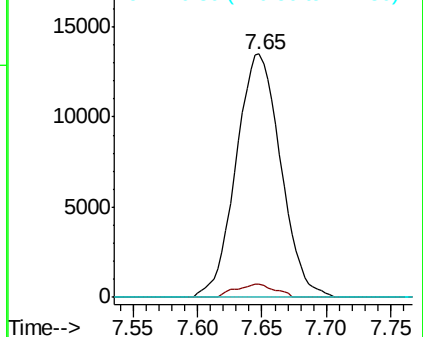
117 100

119 5.3 75.9 113.9#

121 0.0 24.6 36.8#



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: 9.699 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

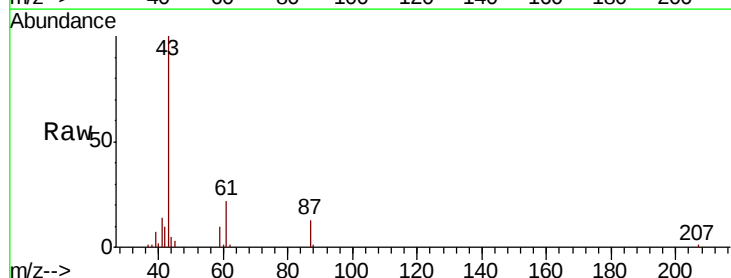
Tgt Ion: 43 Resp: 82236

Ion Ratio Lower Upper

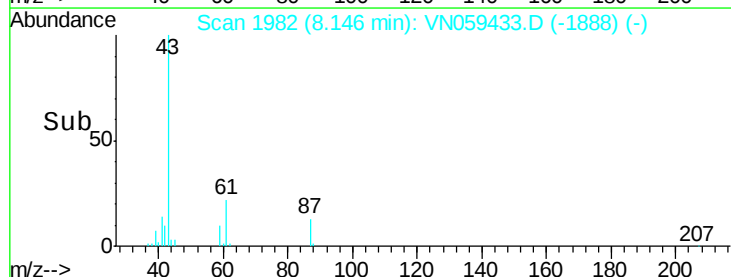
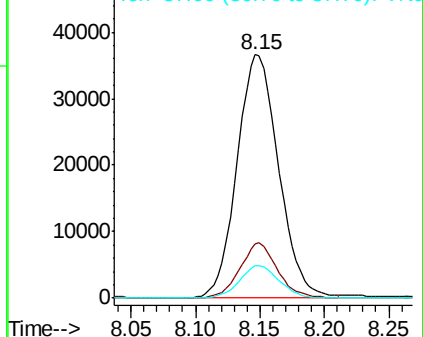
43 100

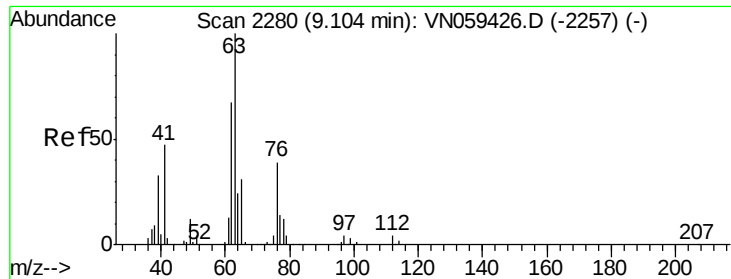
61 20.4 22.2 33.2#

87 12.6 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

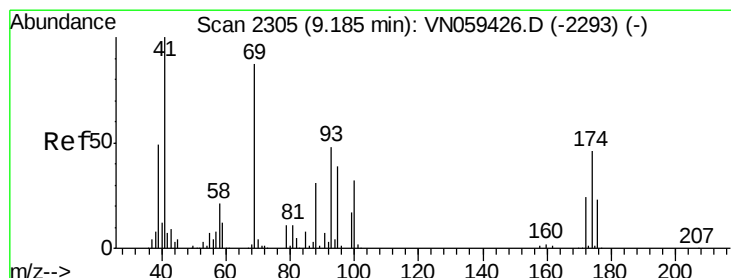
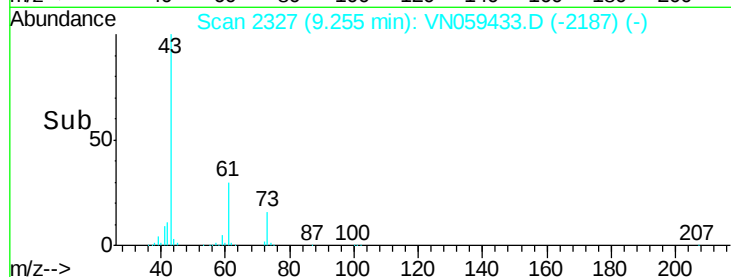
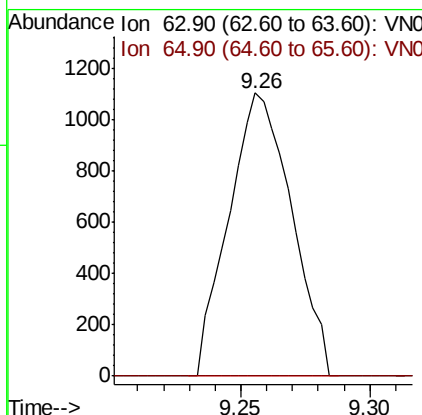
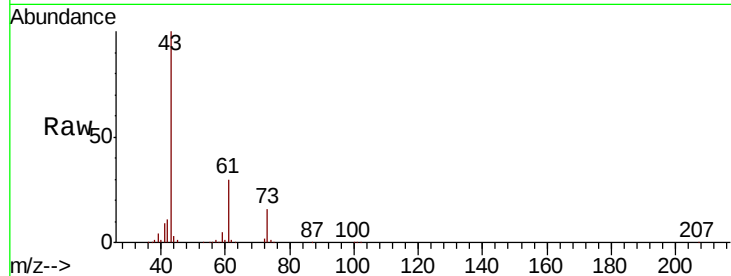




#45
 1,2-Dichloropropane
 Concen: 0.458 ug/l
 RT: 9.26 min Scan# 2327
 Delta R.T. 0.15 min
 Lab File: VN059433.D
 Acq: 27 Nov 2019 19:53

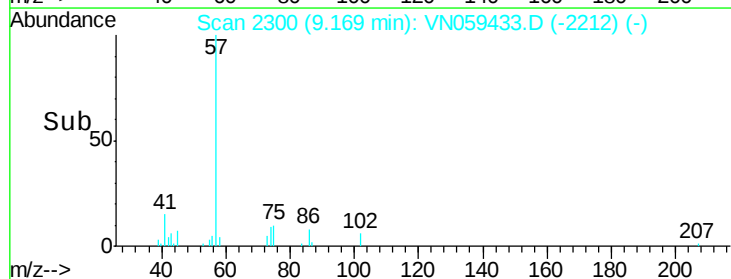
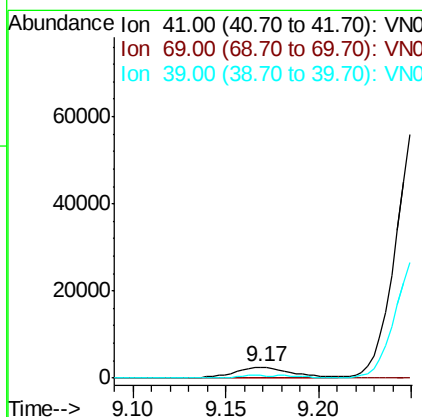
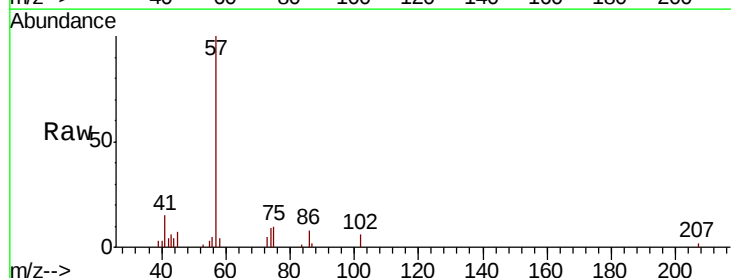
Instrument :
 MSVOA_N
 ClientSampleId :

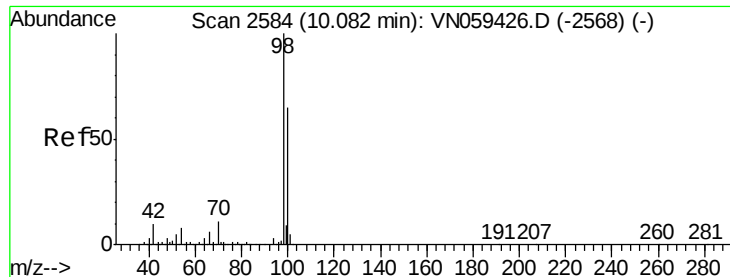
Tot Ion: 63 Resp: 1875
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 1.426 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: VN059433.D
 Acq: 27 Nov 2019 19:53

Tgt Ion: 41 Resp: 5365
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.6 107.4#
 39 0.0 41.3 61.9#





#50

Toluene-d8

Concen: 50.415 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

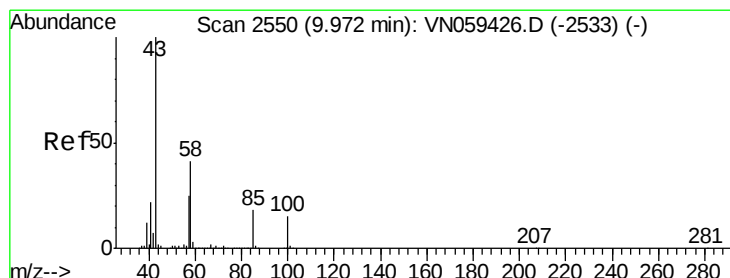
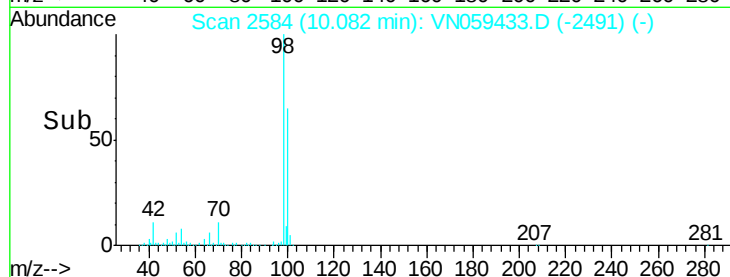
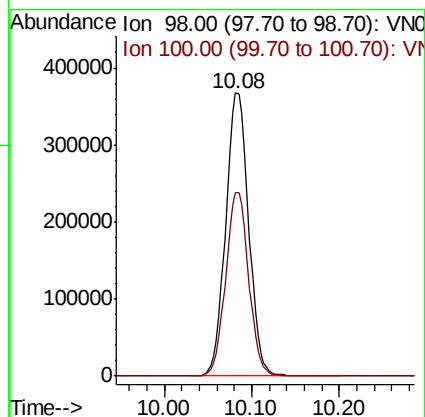
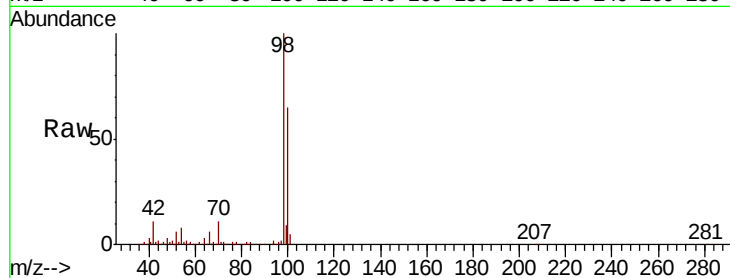
ClientSampled :

Tot Ion: 98 Resp: 671182

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 0.983 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059433.D

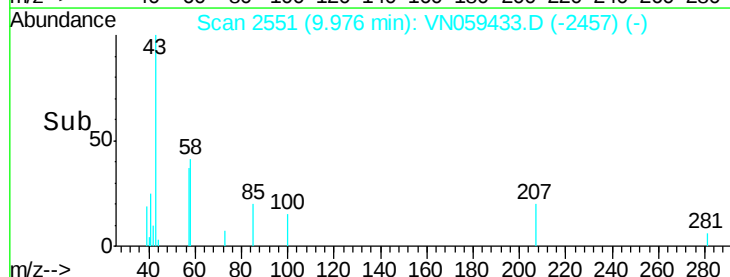
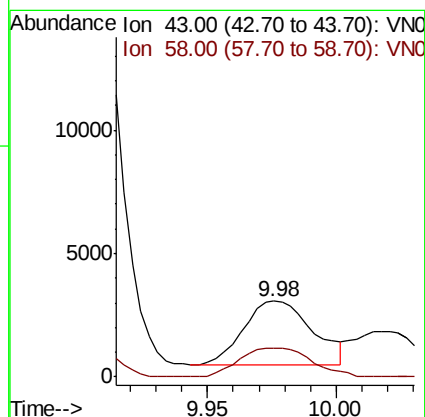
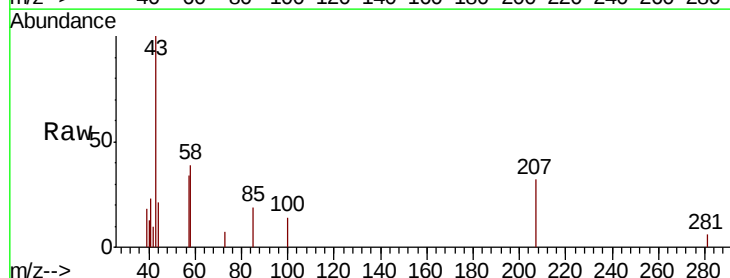
Acq: 27 Nov 2019 19:53

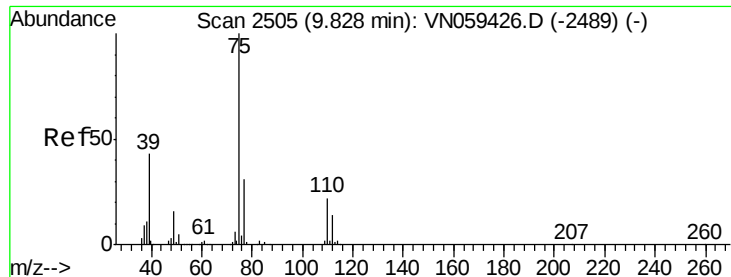
Tgt Ion: 43 Resp: 4834

Ion Ratio Lower Upper

43 100

58 47.4 32.5 48.7



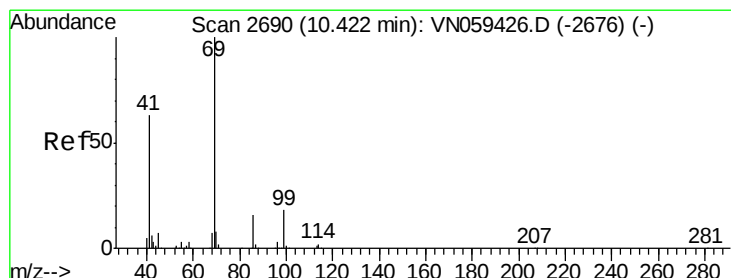
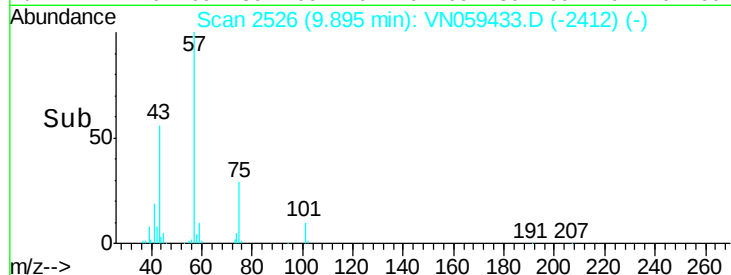
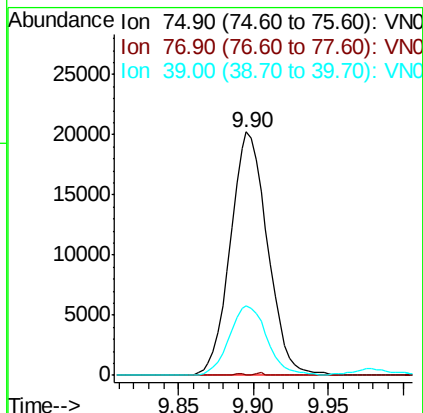
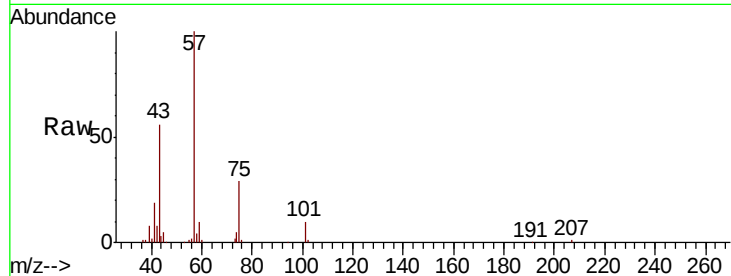


#54

cis-1,3-Dichloropropene
 Concen: 5.504 ug/l
 RT: 9.90 min Scan# 2526
 Delta R.T. 0.07 min
 Lab File: VN059433.D
 Acq: 27 Nov 2019 19:53

Instrument :
 MSVOA_N
 ClientSampled :

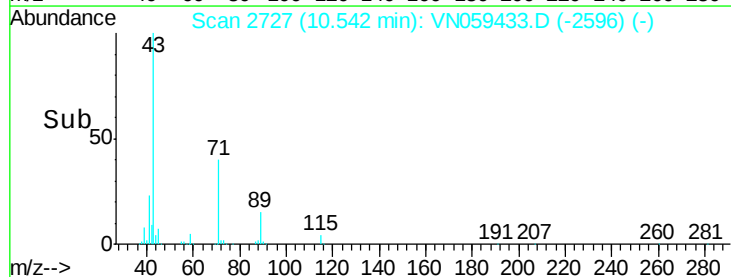
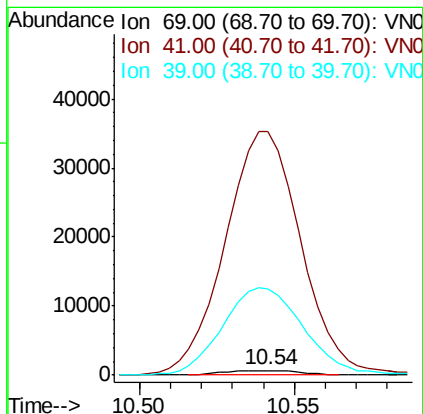
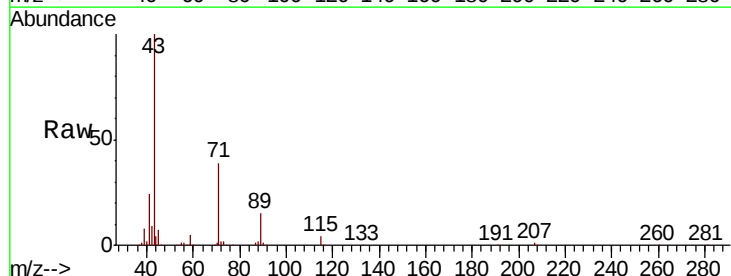
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
39	28.8	34.0	51.0#

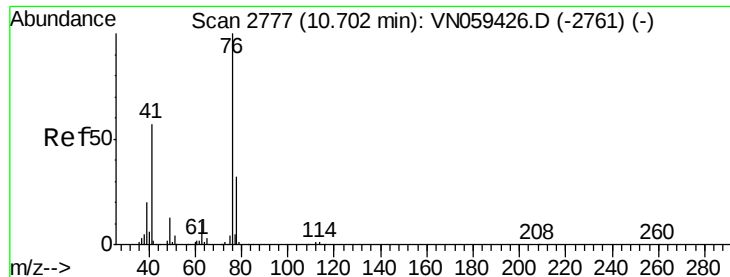


#56

Ethyl methacrylate
 Concen: Below Cal
 RT: 10.54 min Scan# 2727
 Delta R.T. 0.12 min
 Lab File: VN059433.D
 Acq: 27 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	5724.2	50.1	75.1#
39	2195.4	23.9	35.9#





#57

1,3-Dichloropropane

Concen: 0.963 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

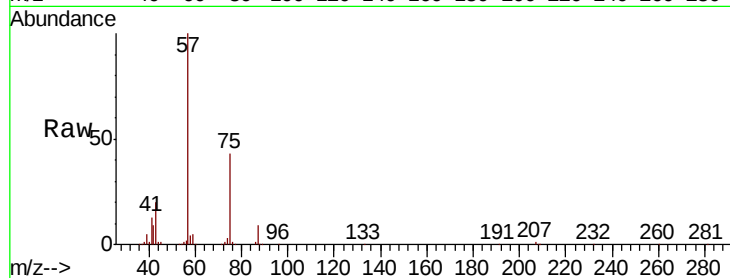
ClientSampleId :

Tot Ion: 76 Resp: 6098

Ion Ratio Lower Upper

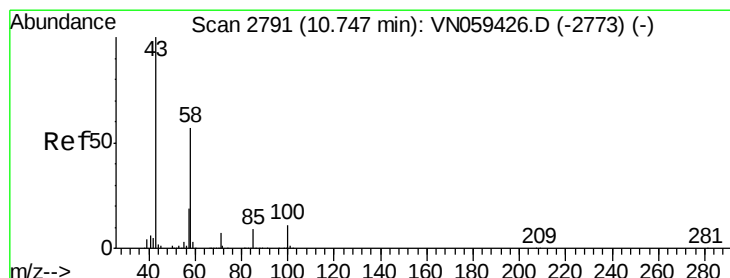
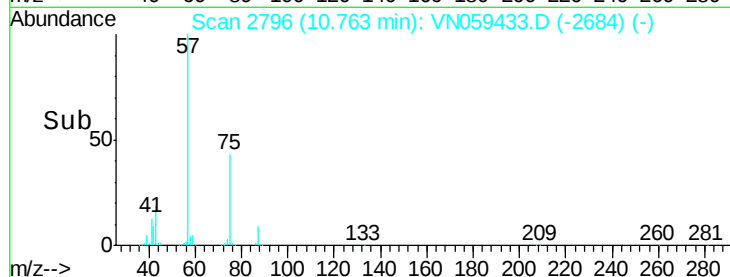
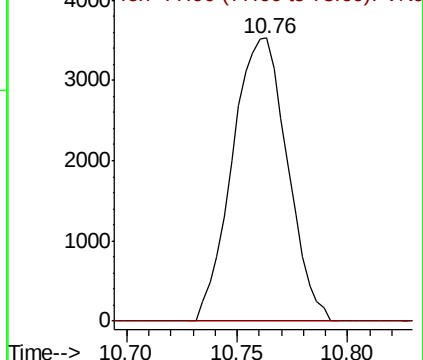
76 100

78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 23.517 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN059433.D

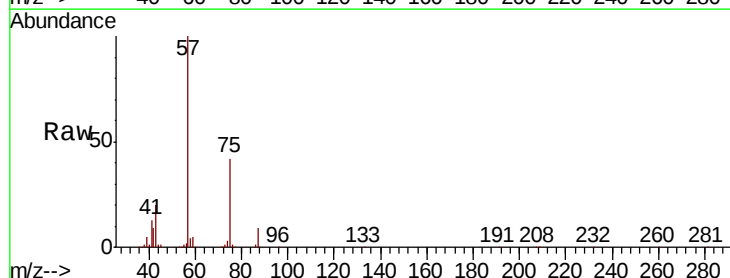
Acq: 27 Nov 2019 19:53

Tgt Ion: 43 Resp: 85757

Ion Ratio Lower Upper

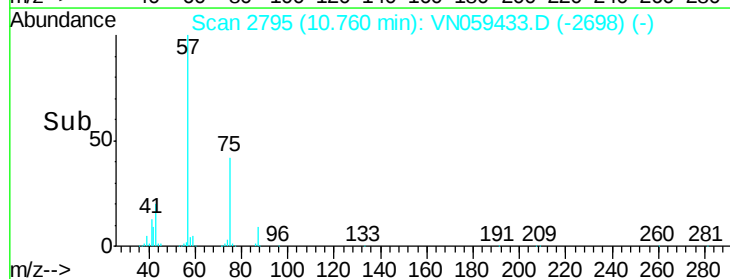
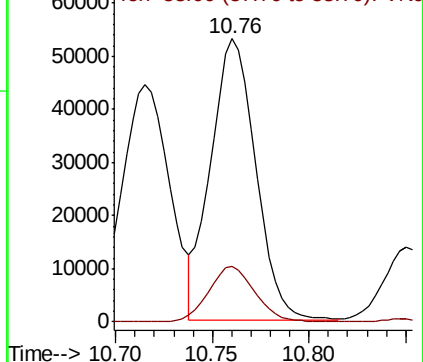
43 100

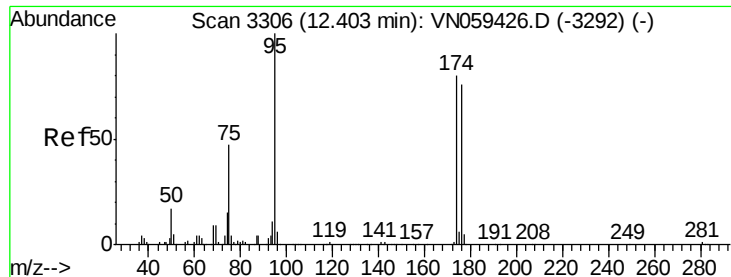
58 20.1 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.172 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

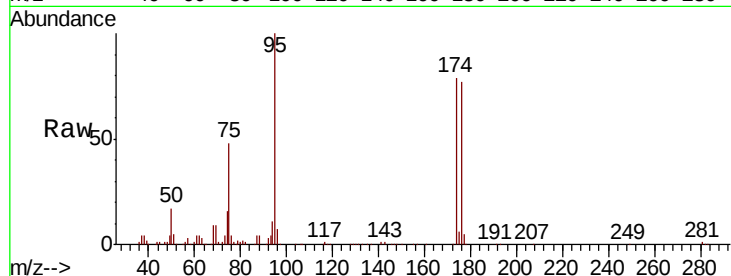
Tot Ion: 95 Resp: 223301

Ion Ratio Lower Upper

95 100

174 79.3 0.0 158.0

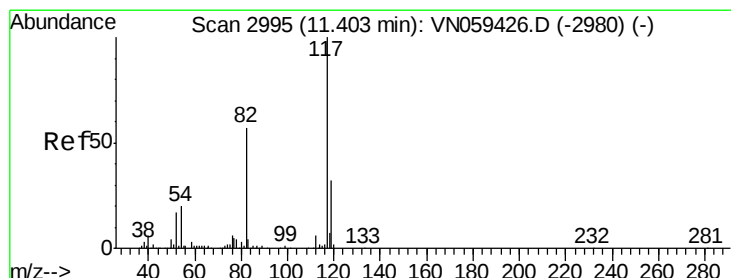
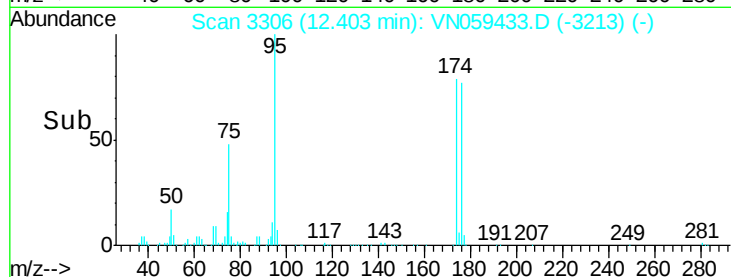
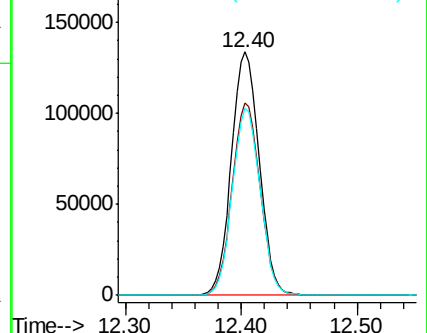
176 76.8 0.0 153.0



Abundance Ion 94.90 (94.60 to 95.60): VN059426.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN059426.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN059426.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

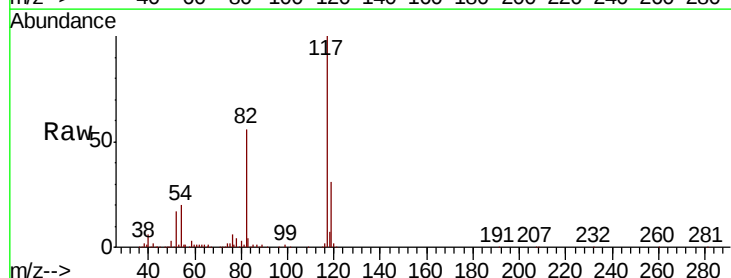
Tgt Ion: 117 Resp: 490410

Ion Ratio Lower Upper

117 100

82 56.1 45.4 68.0

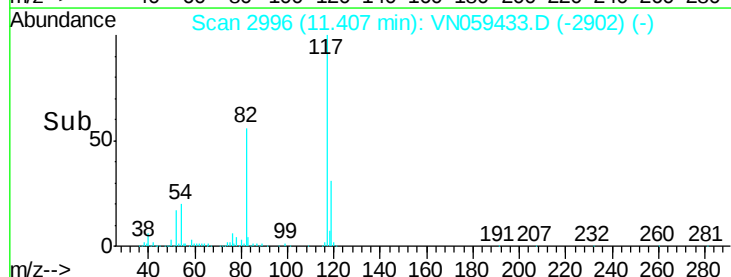
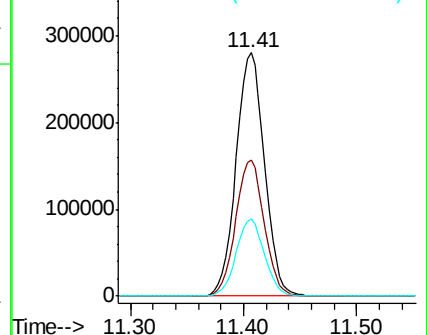
119 31.5 25.6 38.4

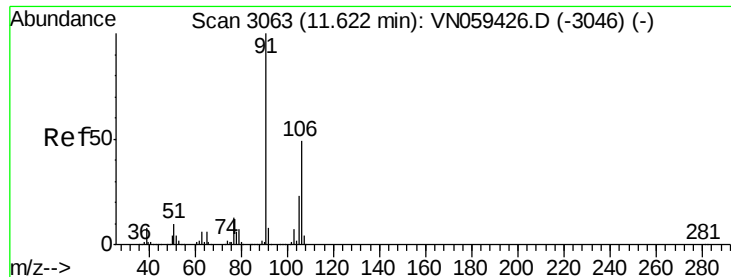


Abundance Ion 116.90 (116.60 to 117.60): VN059426.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059426.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059426.D (-2980) (-)





#68

m/p-Xvlenes

Concen: 0.257 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

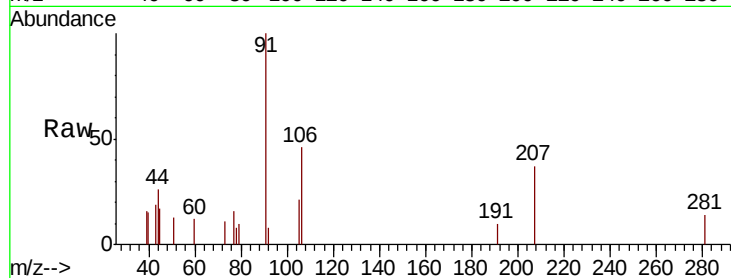
ClientSampled :

Tot Ion:106 Resp: 1675

Ion Ratio Lower Upper

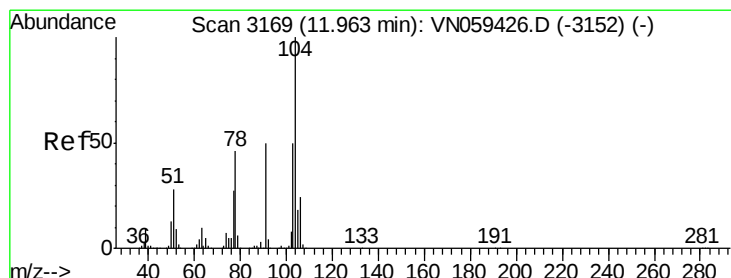
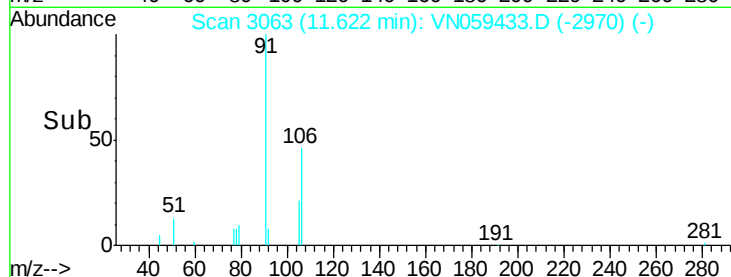
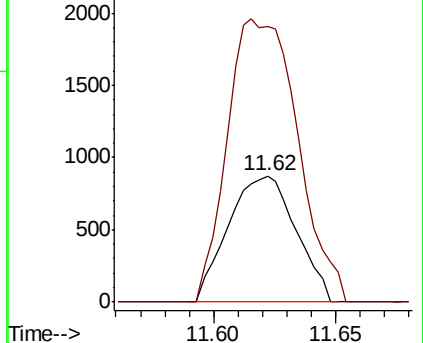
106 100

91 233.9 163.7 245.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: Below Cal

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

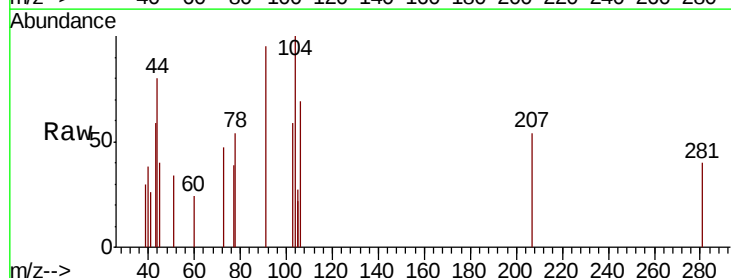
Tgt Ion:104 Resp: 1090

Ion Ratio Lower Upper

104 100

78 61.7 40.4 60.6#

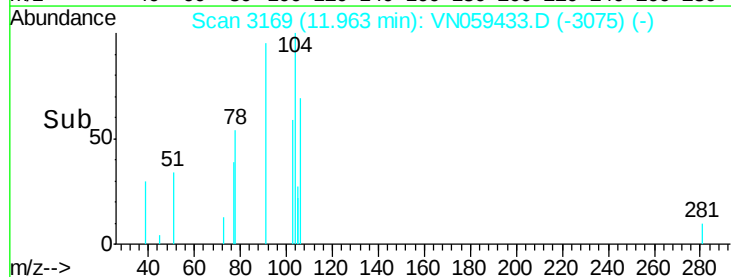
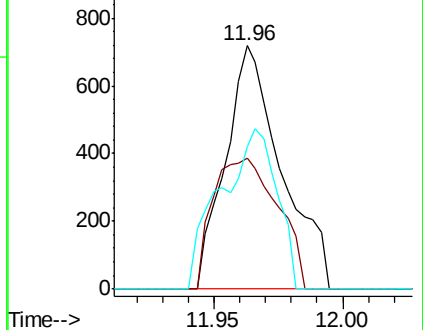
103 66.1 43.8 65.6#

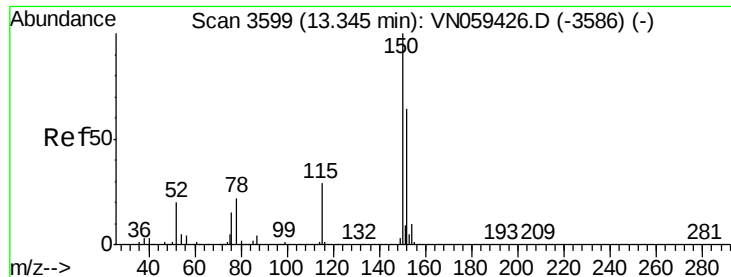


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampled :

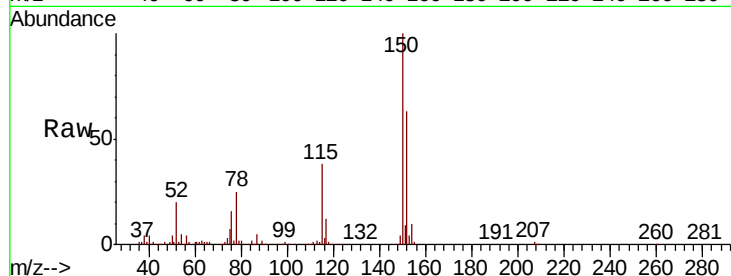
Tot Ion:152 Resp: 195354

Ion Ratio Lower Upper

152 100

115 58.9 29.5 88.6

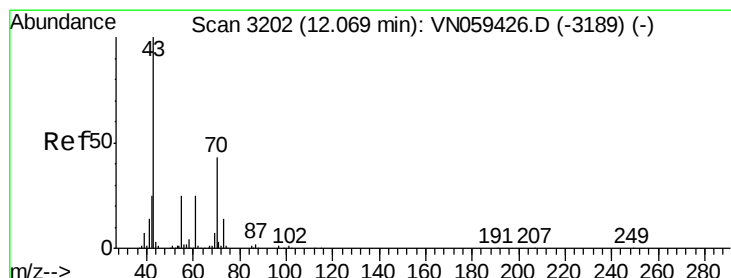
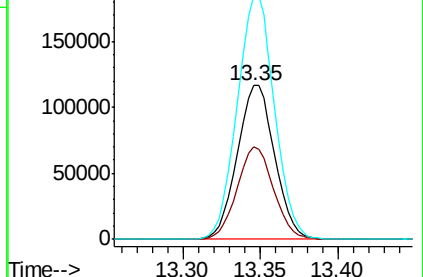
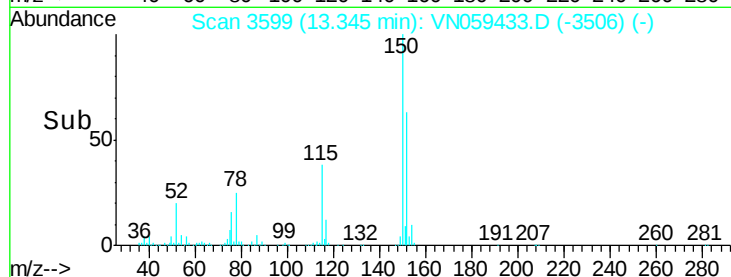
150 158.5 0.0 347.2



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: Below Cal

RT: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Tgt Ion: 43 Resp: 4416

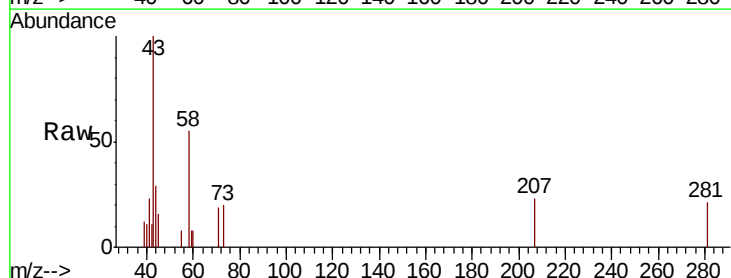
Ion Ratio Lower Upper

43 100

70 0.0 34.6 52.0#

55 3.2 20.5 30.7#

61 0.0 20.2 30.4#

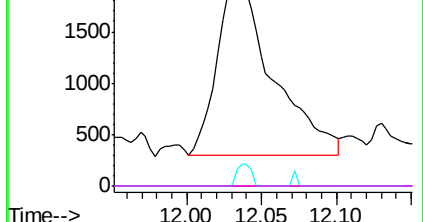
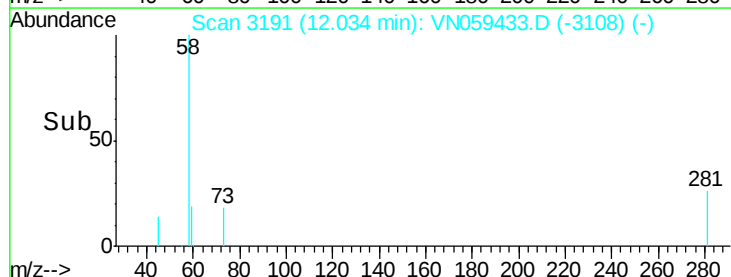


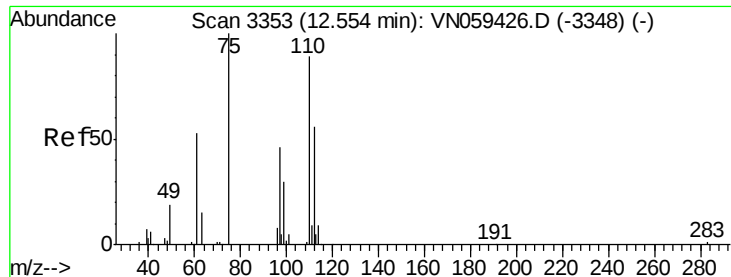
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 23.970 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

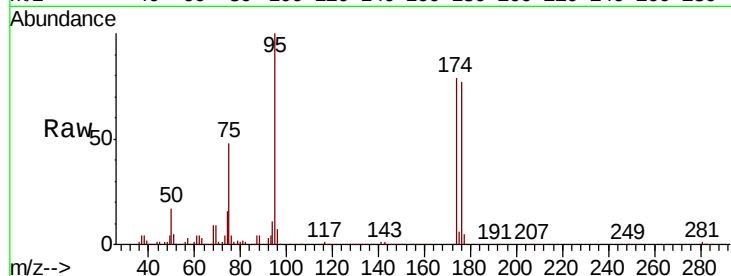
ClientSampled :

Tot Ion: 75 Resp: 105936

Ion Ratio Lower Upper

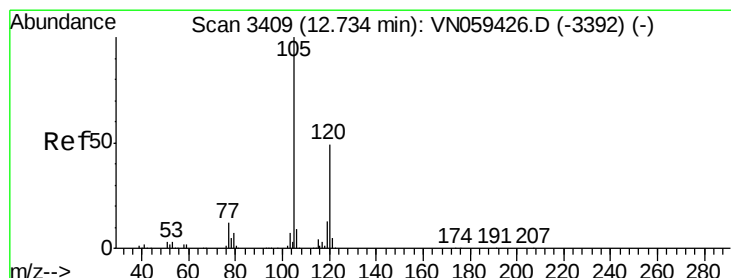
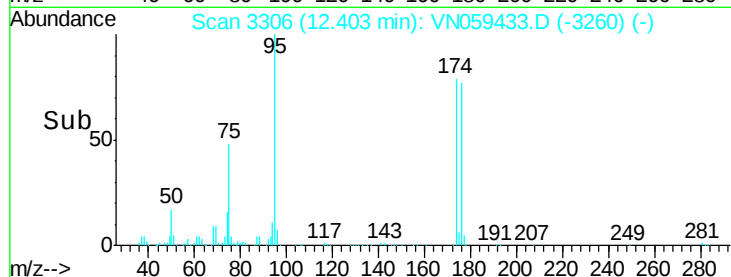
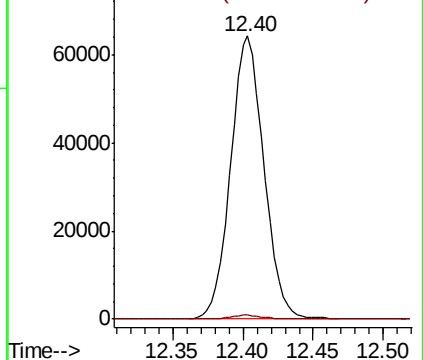
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.476 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN059433.D

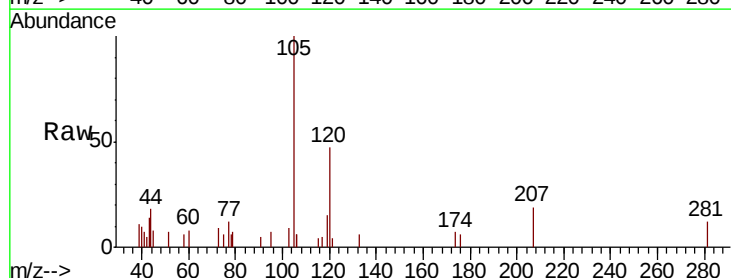
Acq: 27 Nov 2019 19:53

Tgt Ion: 105 Resp: 5787

Ion Ratio Lower Upper

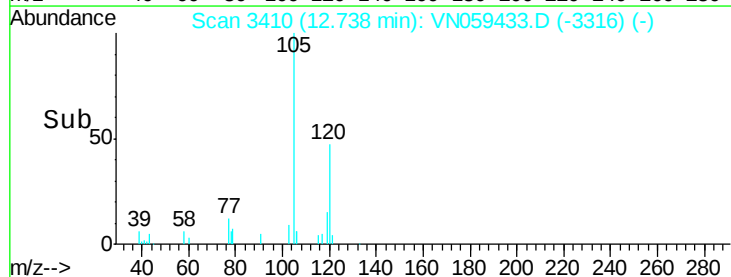
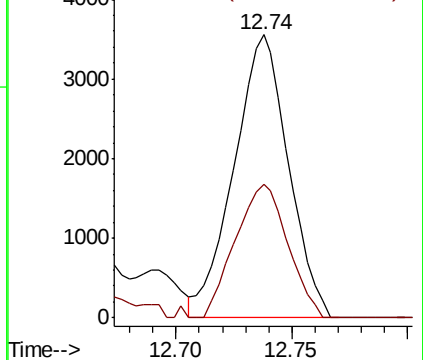
105 100

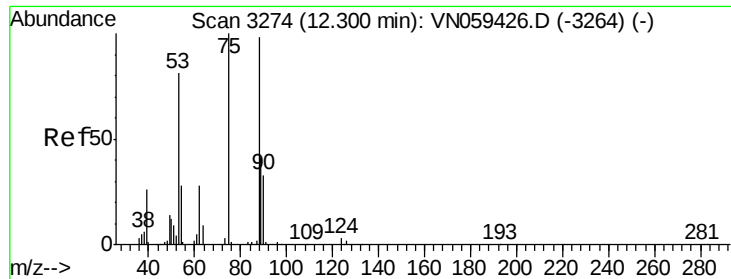
120 45.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 61.591 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampled :

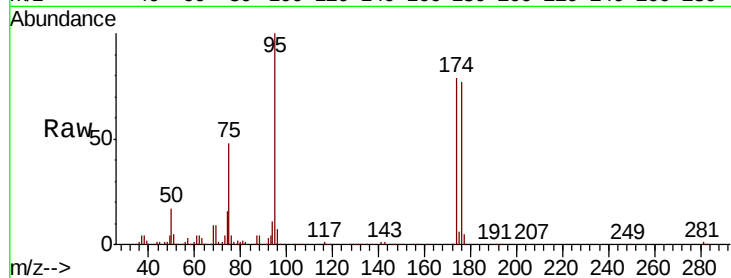
Tot Ion: 75 Resp: 105936

Ion Ratio Lower Upper

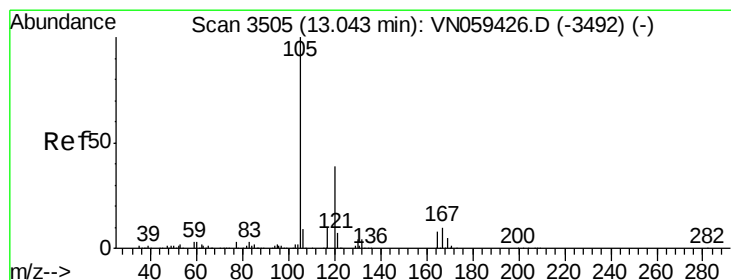
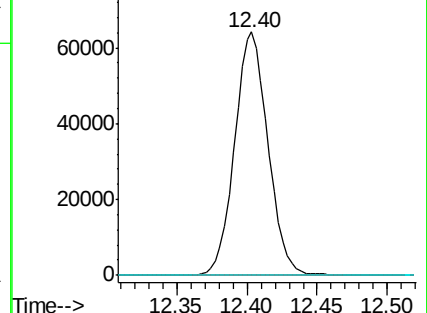
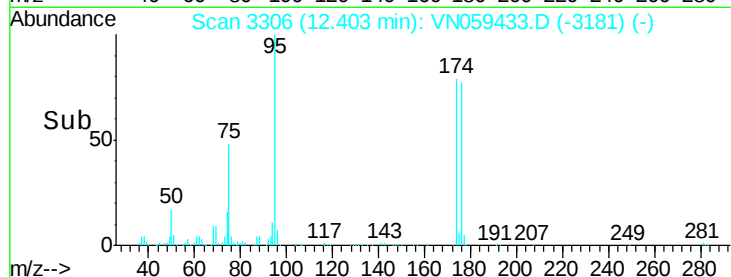
75 100

53 0.0 66.2 99.4#

89 0.0 33.9 50.9#



Abundance Ion 74.90 (74.60 to 75.60): VN059433.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.569 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059433.D

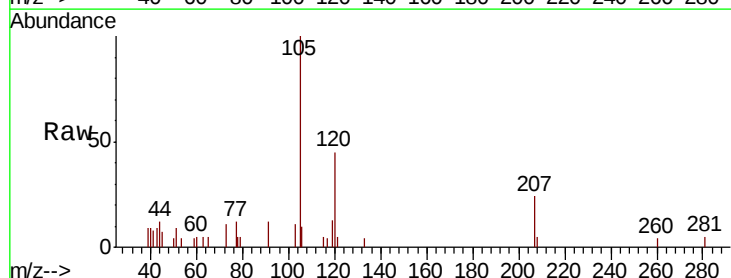
Acq: 27 Nov 2019 19:53

Tgt Ion: 105 Resp: 6783

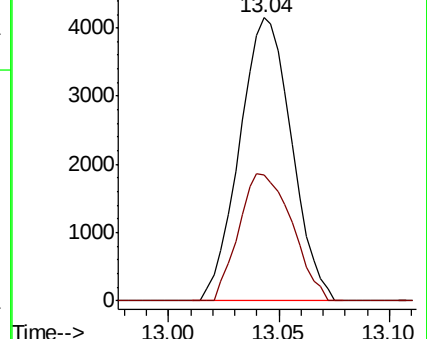
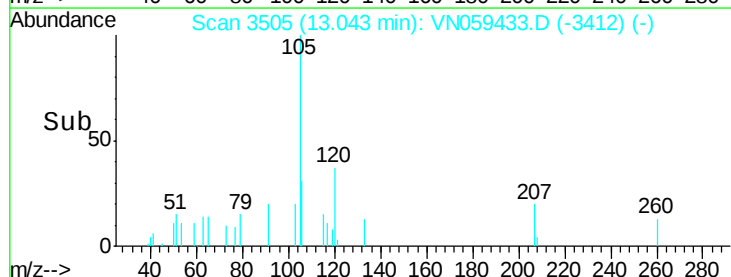
Ion Ratio Lower Upper

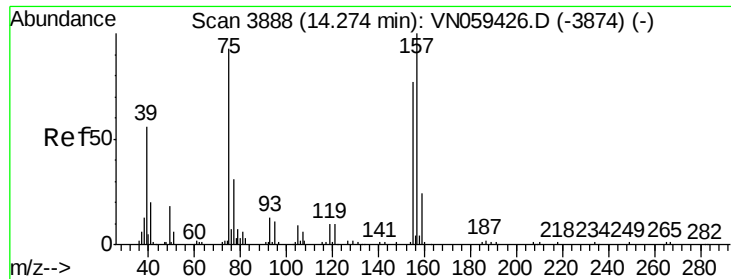
105 100

120 45.8 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): VN059433.D (-3412) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3885

Delta R.T. -0.01 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

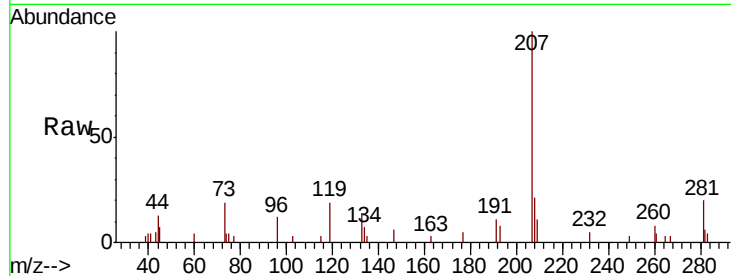
Tot Ion: 75 Resp: 368

Ion Ratio Lower Upper

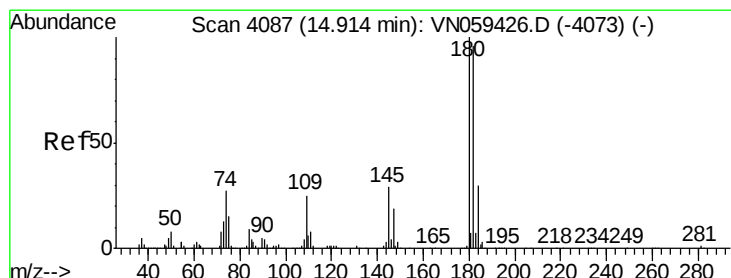
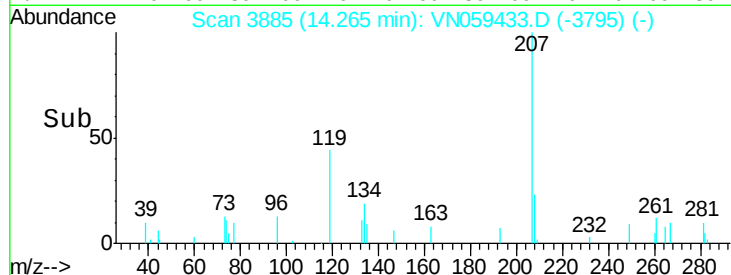
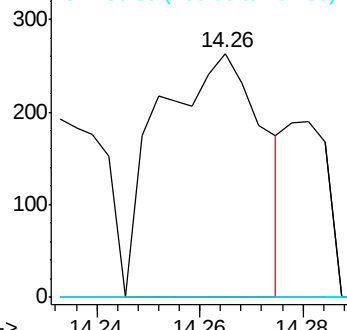
75 100

155 0.0 41.9 125.8#

157 0.0 54.1 162.3#



Abundance Ion 74.90 (74.60 to 75.60): VN059433.D (-3795) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.379 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN059433.D

Acq: 27 Nov 2019 19:53

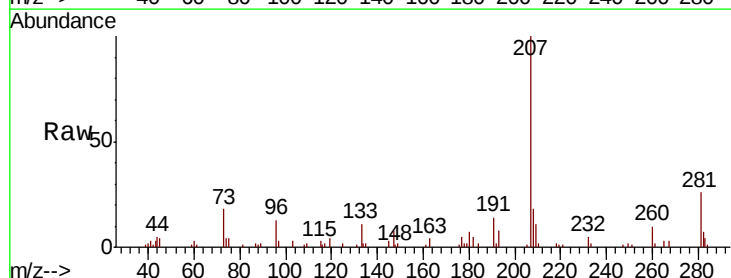
Tgt Ion: 180 Resp: 1450

Ion Ratio Lower Upper

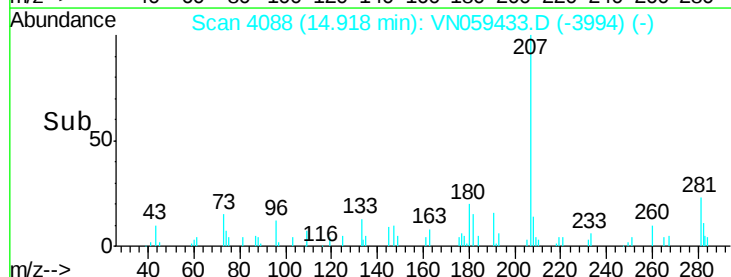
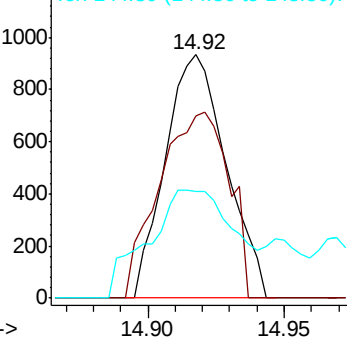
180 100

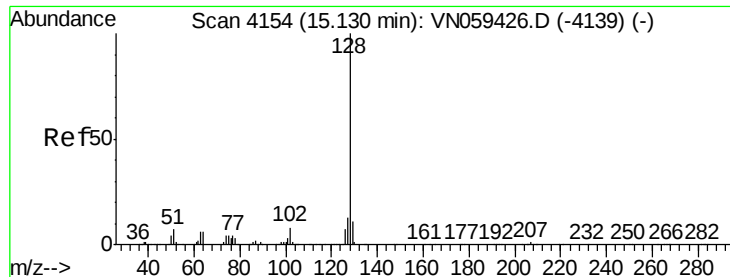
182 87.5 47.3 142.0

145 63.3 14.8 44.4#



Abundance Ion 179.80 (179.50 to 180.50): VN059433.D (-3994) (-)

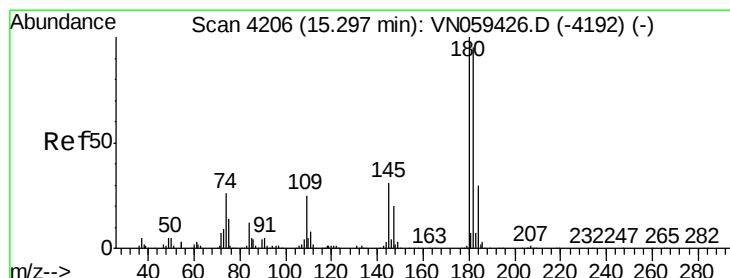
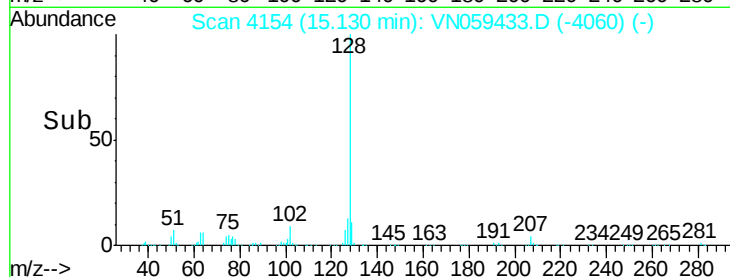
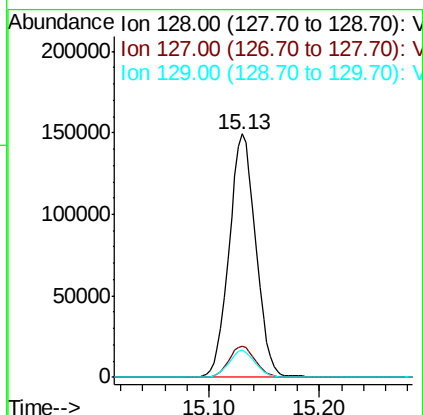
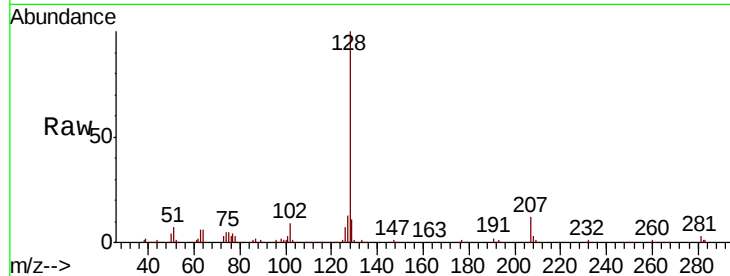




#95
Naphthalene
Concen: 31.164 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059433.D
Acq: 27 Nov 2019 19:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 250433
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059433.D
Acq: 27 Nov 2019 19:53

Tgt Ion:180 Resp: 1723
Ion Ratio Lower Upper
180 100
182 78.6 47.5 142.6
145 37.7 15.7 47.1

