

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059184.D
 Acq On : 12 Nov 2019 12:55
 Operator : JC/SP
 Sample : K5670-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 13 05:38:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	411245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	654321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	600497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	219950	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	280436	55.47	ug/l	0.00
Spiked Amount			Recovery	=	110.94%	
35) Dibromofluoromethane	7.57	113	212989	54.52	ug/l	0.00
Spiked Amount			Recovery	=	109.04%	
50) Toluene-d8	10.08	98	836090	54.33	ug/l	0.00
Spiked Amount			Recovery	=	108.66%	
62) 4-Bromofluorobenzene	12.40	95	270896	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	

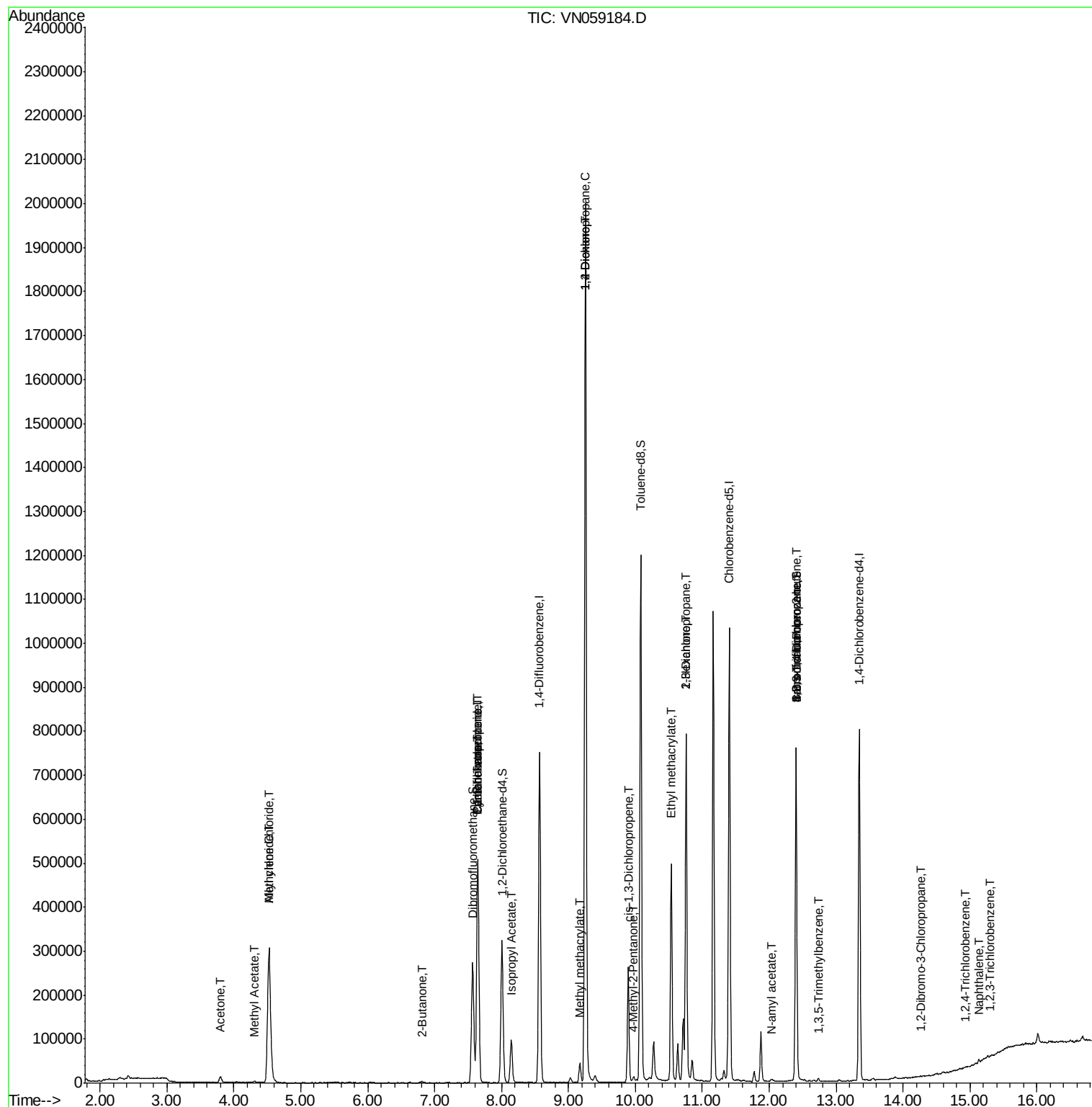
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.53	41	10493	1.332	ug/l #	28
16) Acetone	3.80	43	23159	8.810	ug/l	99
18) Methyl Acetate	4.31	43	5187	0.831	ug/l #	75
20) Methylene Chloride	4.53	84	238138	51.997	ug/l	99
25) 2-Butanone	6.82	43	871	0.251	ug/l #	50
31) Cyclohexane	7.64	56	8797	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	32735	5.352	ug/l #	50
38) Carbon Tetrachloride	7.64	117	39413	6.475	ug/l #	17
43) Isopropyl Acetate	8.15	43	112845	10.403	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	2637	0.527	ug/l #	44
48) Methyl methacrylate	9.17	41	7056	1.454	ug/l #	14
49) 1,4-Dioxane	9.27	88	29	0.336	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	8148	1.328	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	45647	5.901	ug/l #	66
56) Ethyl methacrylate	10.54	69	1931	2.123	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	8103	1.054	ug/l #	42
59) 2-Hexanone	10.76	43	119979	25.469	ug/l #	51
71) Bromoform	12.40	173	1695	0.496	ug/l #	1
74) N-amyl acetate	12.03	43	5366	0.792	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	136005	27.160	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3636	0.268	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	136005	71.737	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.27	75	325	0.325	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	779	3.224	ug/l #	62
95) Naphthalene	15.13	128	4021	3.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	975	0.257	ug/l #	74

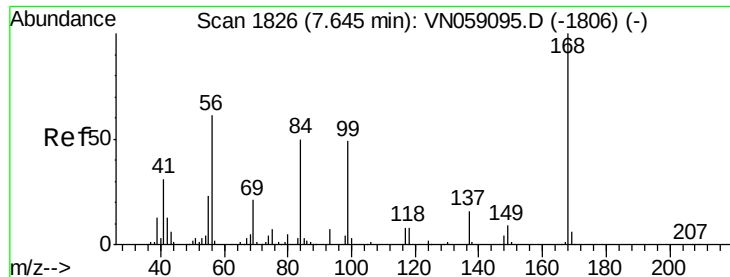
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111219\
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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 13 05:38:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

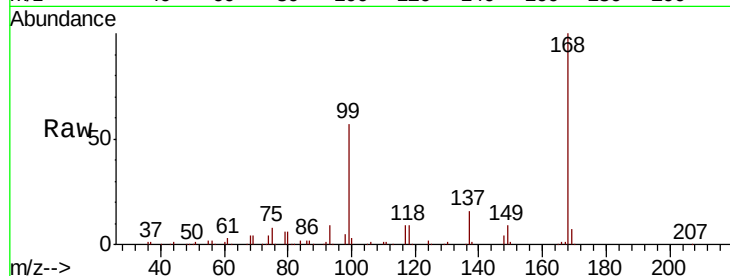
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 411245

Ion Ratio Lower Upper

168 100

99 56.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

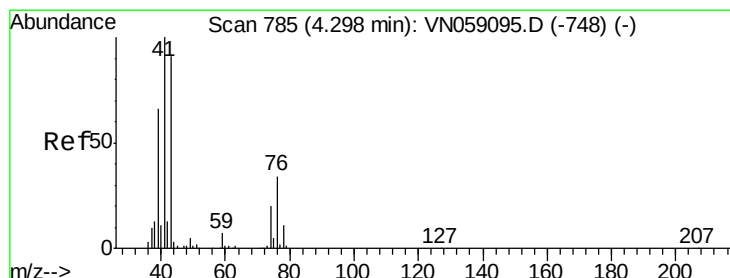
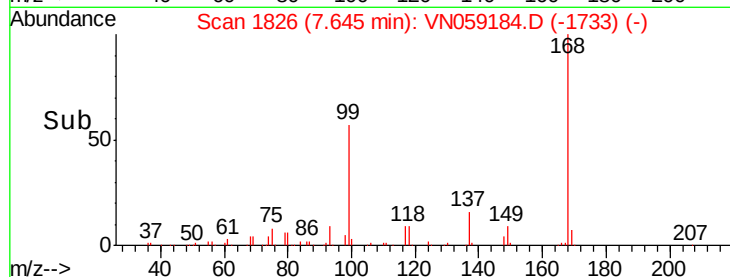
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 1.332 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.23 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

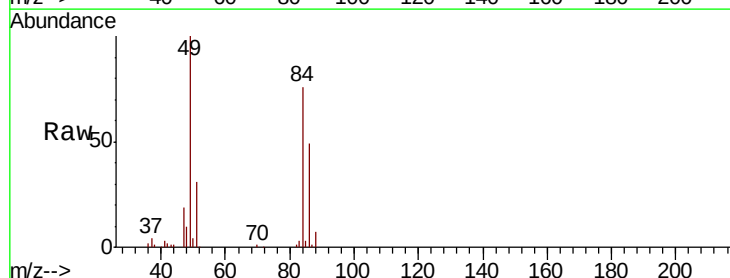
Tgt Ion: 41 Resp: 10493

Ion Ratio Lower Upper

41 100

39 0.3 49.1 73.7#

76 0.0 24.9 37.3#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.53

4000

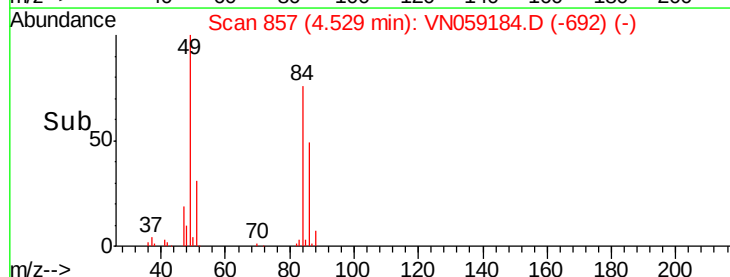
3000

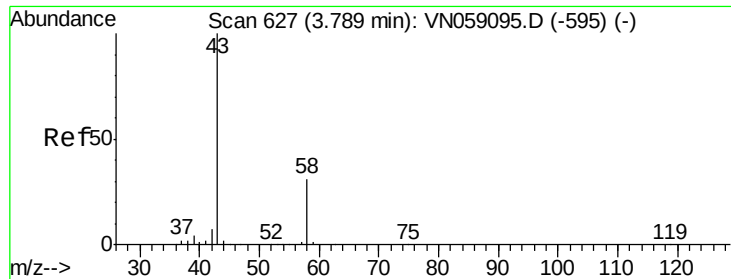
2000

1000

0

Time-->





#16

Acetone

Concen: 8.810 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :

MSVOA_N

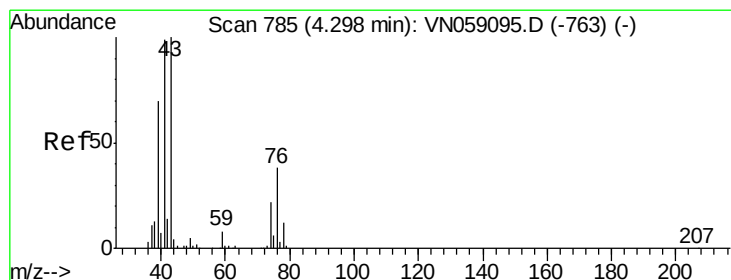
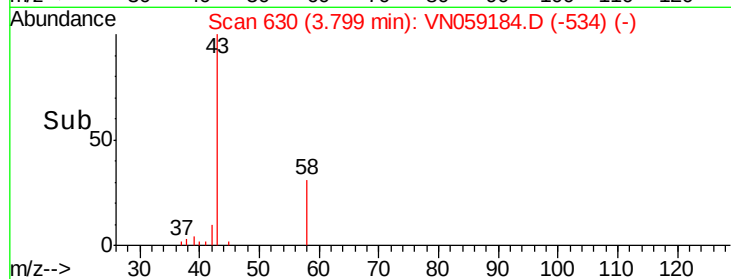
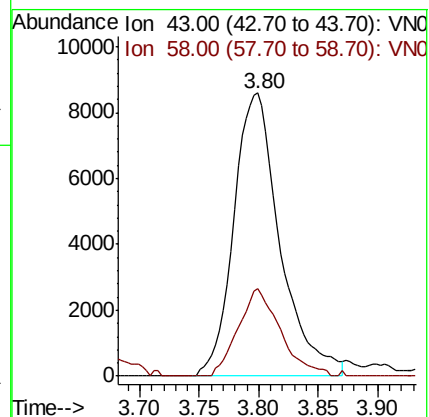
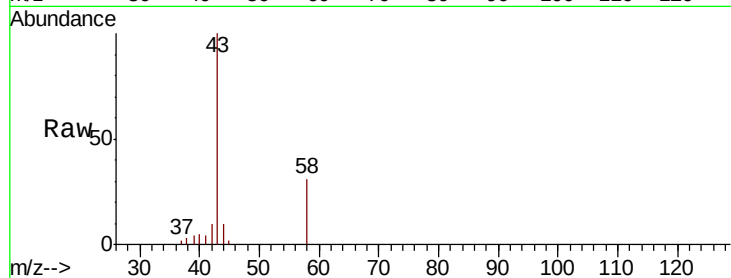
ClientSampleId :

Tot Ion: 43 Resp: 23159

Ion Ratio Lower Upper

43 100

58 30.7 24.9 37.3



#18

Methyl Acetate

Concen: 0.831 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN059184.D

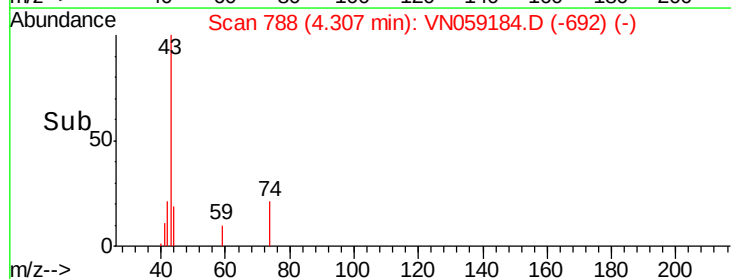
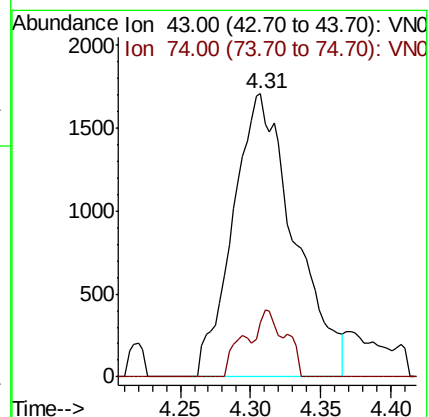
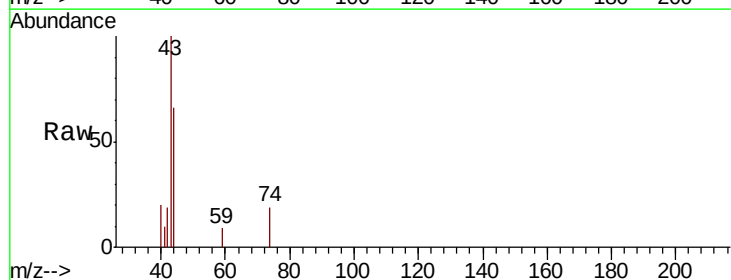
Acq: 12 Nov 2019 12:55

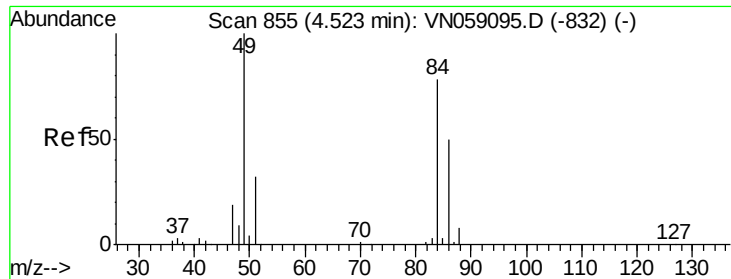
Tgt Ion: 43 Resp: 5187

Ion Ratio Lower Upper

43 100

74 10.5 17.8 26.8#

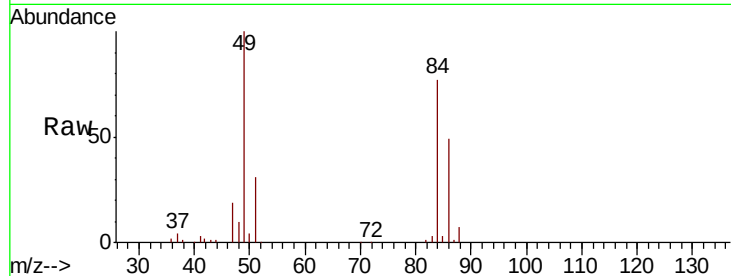




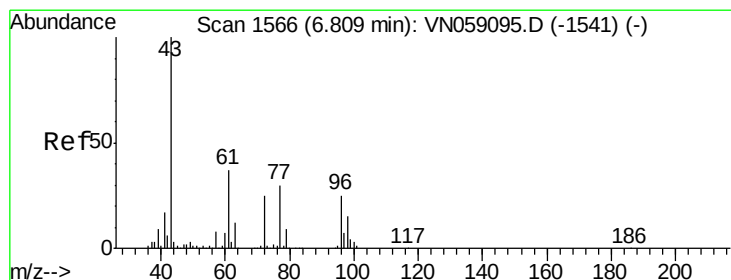
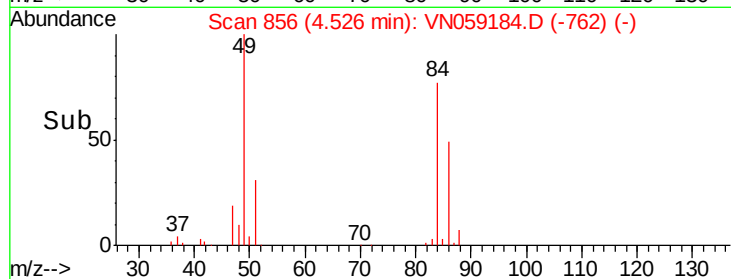
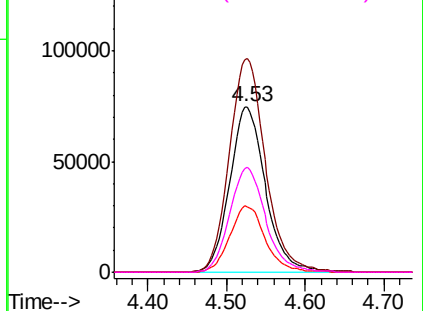
#20
Methvlene Chloride
Concen: 51.997 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059184.D
Acq: 12 Nov 2019 12:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	84	Resp:	238138
Ion	Ratio	Lower	Upper
84	100		
49	129.1	102.0	153.0
51	39.8	32.2	48.2
86	63.4	50.7	76.1

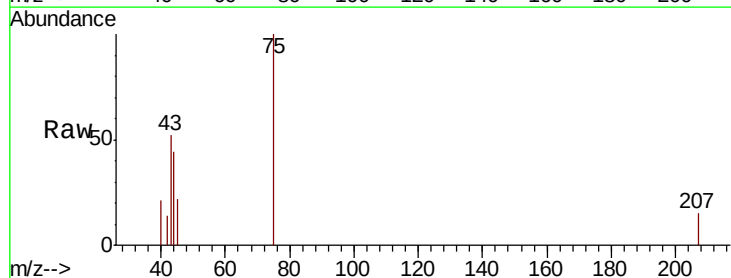


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

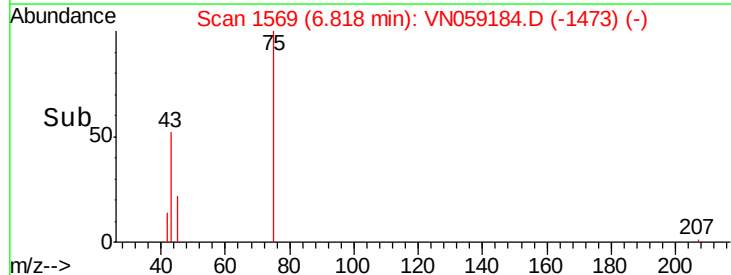
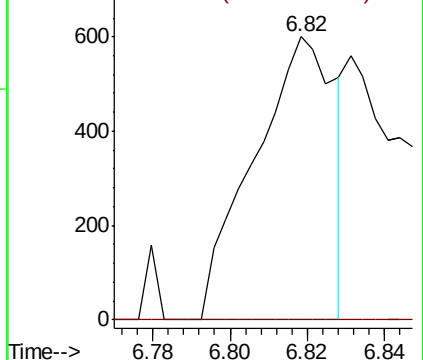


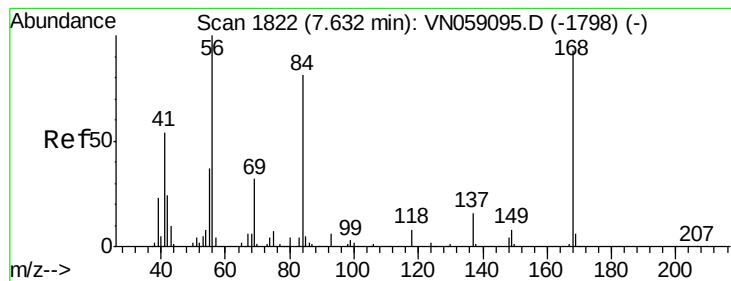
#25
2-Butanone
Concen: 0.251 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059184.D
Acq: 12 Nov 2019 12:55

Tgt Ion:	43	Resp:	871
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.3	30.5#



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





#31

Cyclohexane

Concen: 1.118 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :
MSVOA_N
ClientSampled :

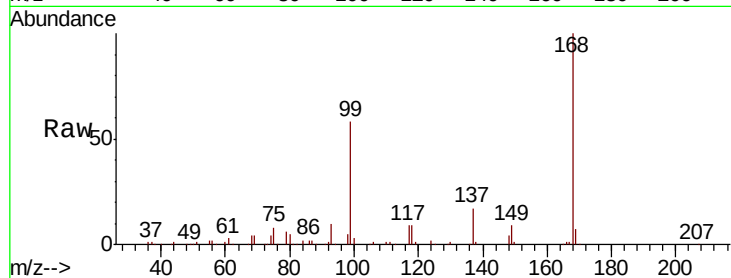
Tot Ion: 56 Resp: 8797

Ion Ratio Lower Upper

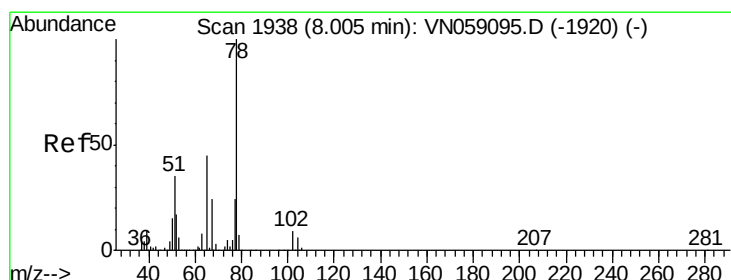
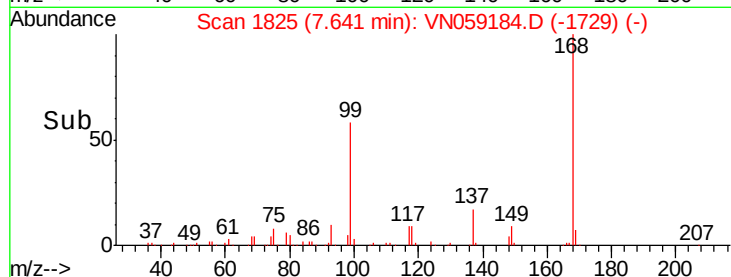
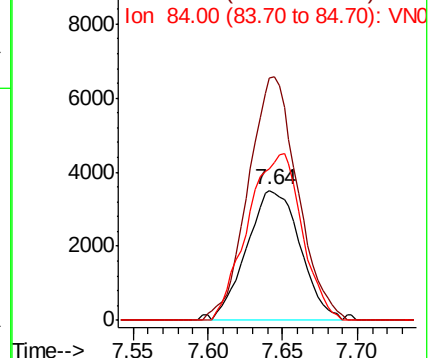
56 100

69 185.8 25.8 38.8#

84 116.7 65.0 97.4#



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: 55.474 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059184.D

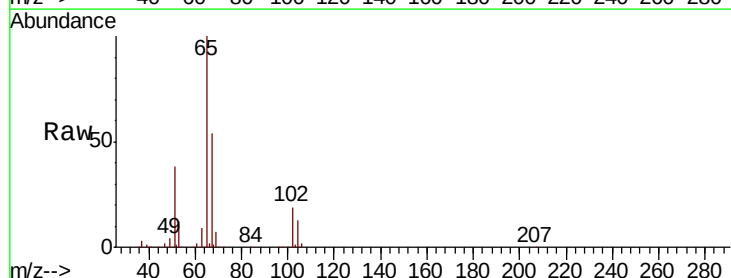
Acq: 12 Nov 2019 12:55

Tgt Ion: 65 Resp: 280436

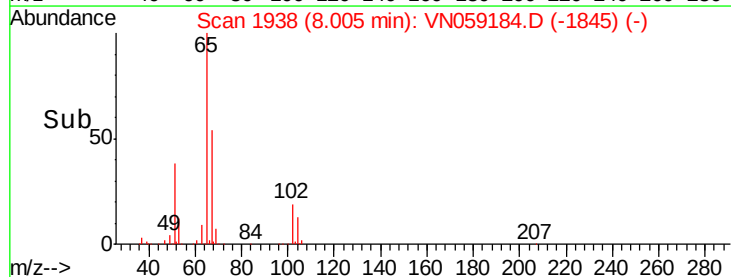
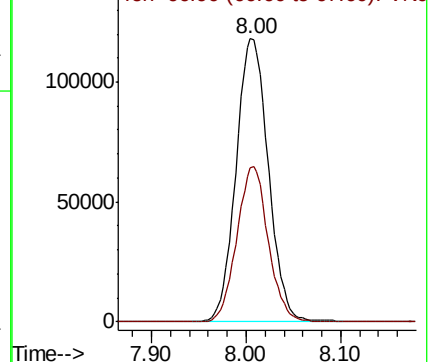
Ion Ratio Lower Upper

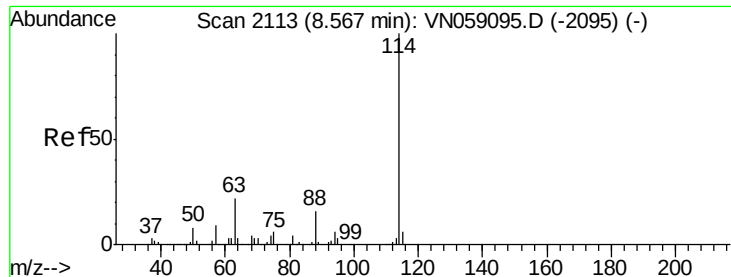
65 100

67 53.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

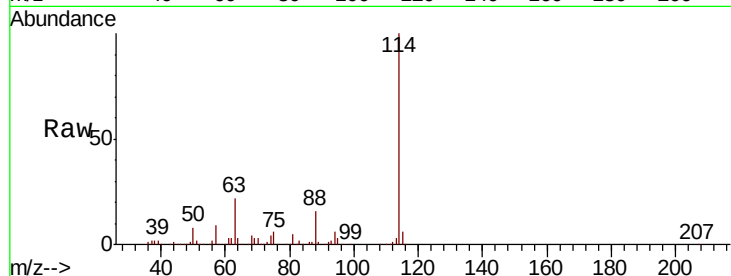




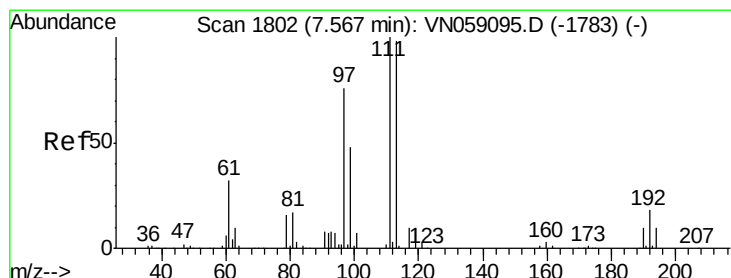
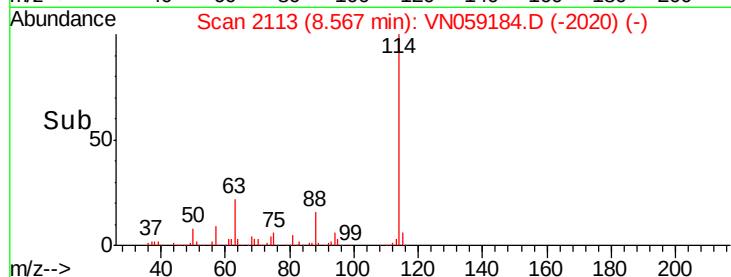
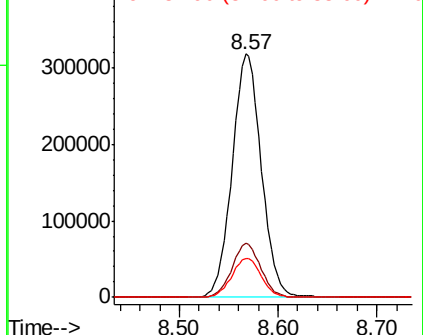
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059184.D
 Acq: 12 Nov 2019 12:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.4
88	15.9	0.0	32.2

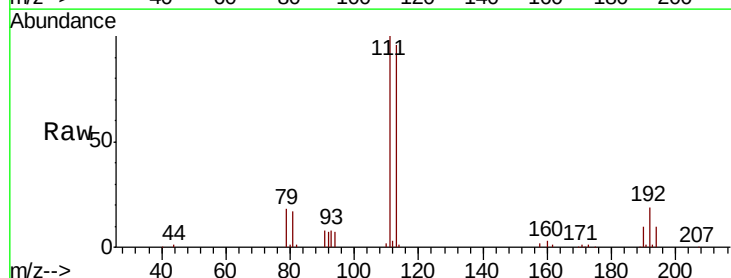


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

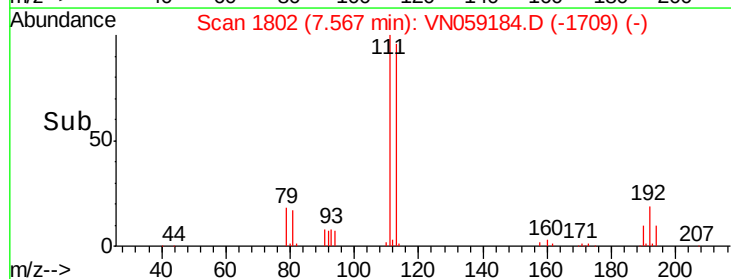
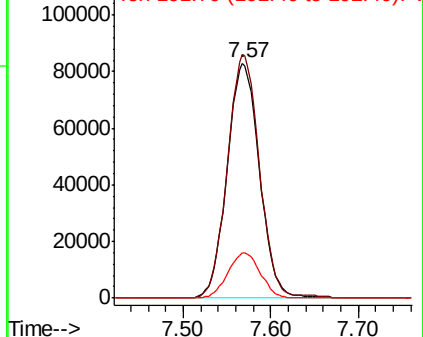


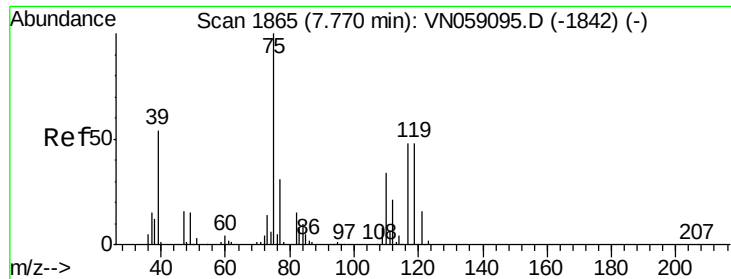
#35
 Dibromofluoromethane
 Concen: 54.516 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059184.D
 Acq: 12 Nov 2019 12:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	19.3	16.1	24.1



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: 5.352 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :
MSVOA_N
ClientSampled :

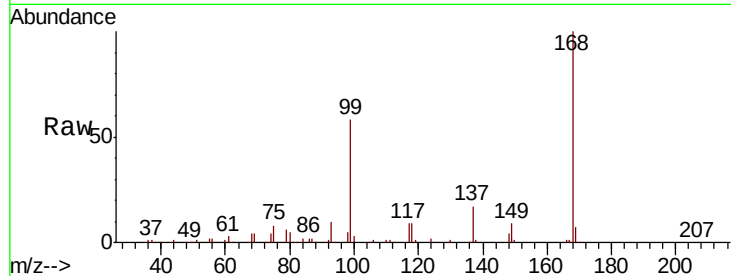
Tot Ion: 75 Resp: 32735

Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.2#

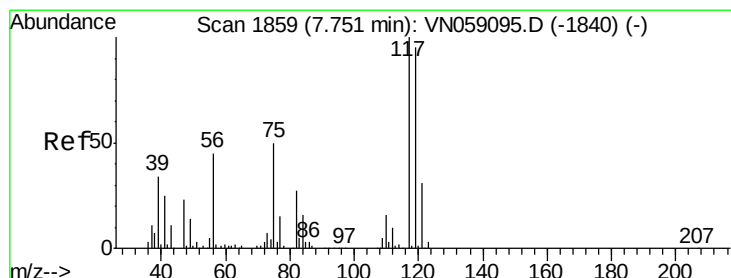
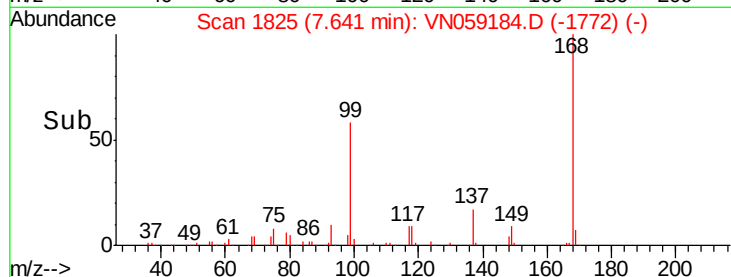
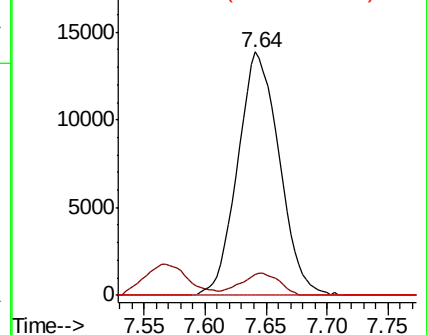
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN059184.D (-1772) (-)

Ion 109.90 (109.60 to 110.60): VN059184.D (-1772) (-)

Ion 76.90 (76.60 to 77.60): VN059184.D (-1772) (-)



#38

Carbon Tetrachloride

Concen: 6.475 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

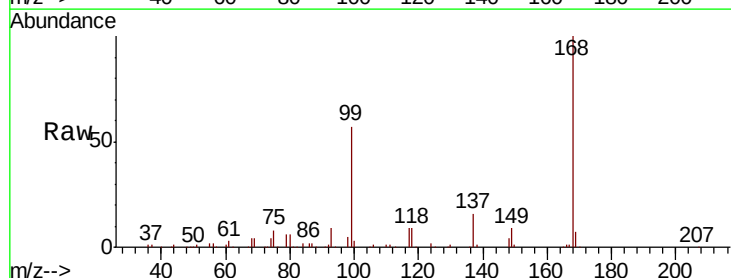
Tgt Ion: 117 Resp: 39413

Ion Ratio Lower Upper

117 100

119 5.3 75.6 113.4#

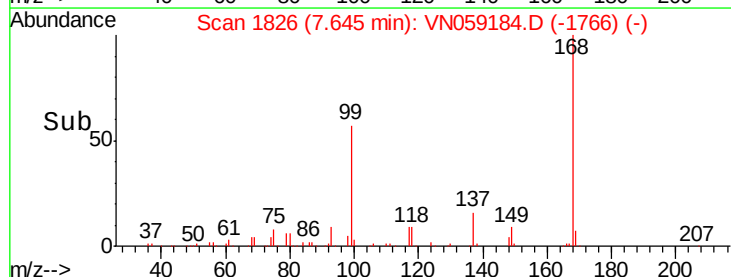
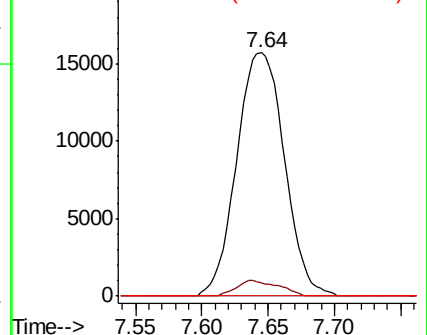
121 0.0 24.6 36.8#

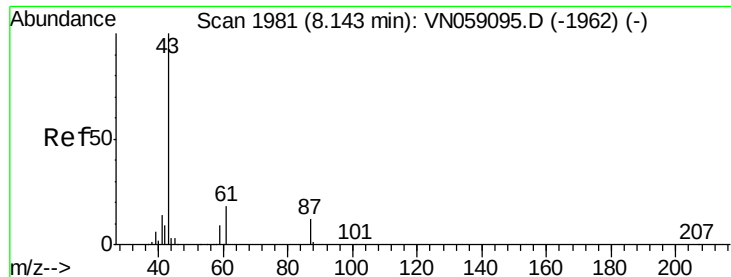


Abundance Ion 116.80 (116.50 to 117.50): VN059184.D (-1766) (-)

Ion 118.80 (118.50 to 119.50): VN059184.D (-1766) (-)

Ion 120.80 (120.50 to 121.50): VN059184.D (-1766) (-)





#43

Isopropyl Acetate

Concen: 10.403 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

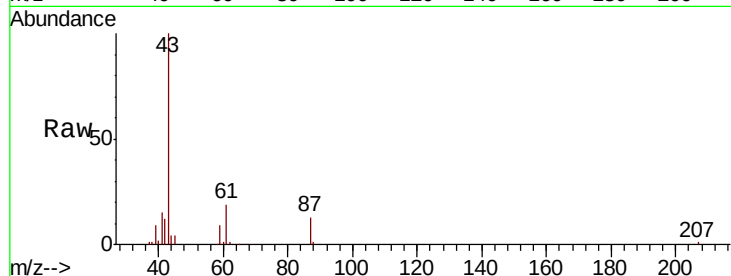
Tot Ion: 43 Resp: 112845

Ion Ratio Lower Upper

43 100

61 19.0 21.0 31.6#

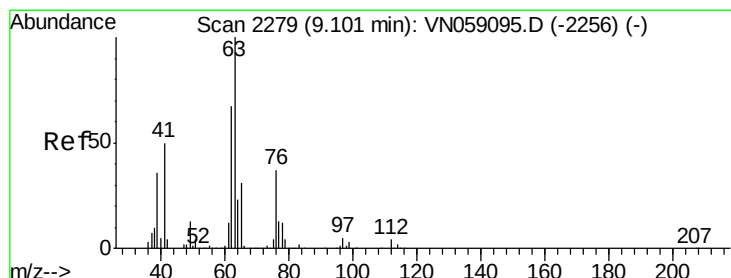
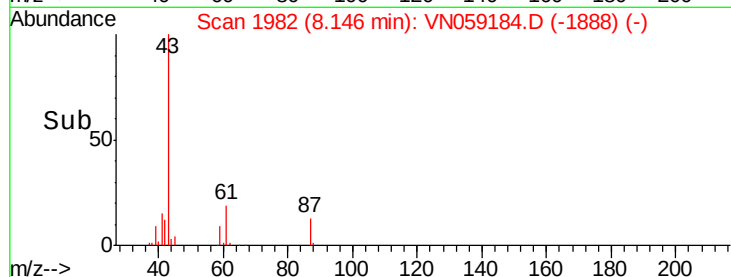
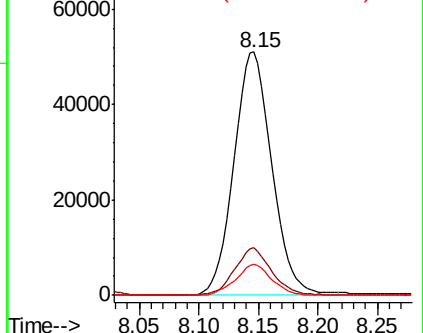
87 12.0 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059184.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059184.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059184.D (-1962) (-)



#45

1,2-Dichloropropane

Concen: 0.527 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059184.D

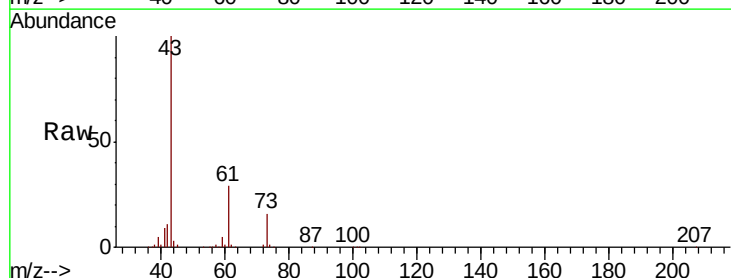
Acq: 12 Nov 2019 12:55

Tgt Ion: 63 Resp: 2637

Ion Ratio Lower Upper

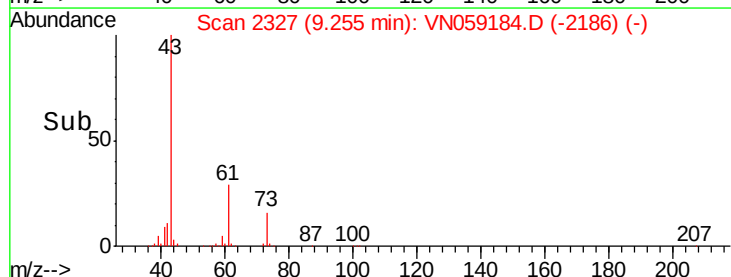
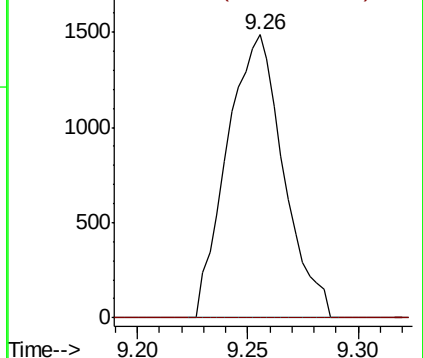
63 100

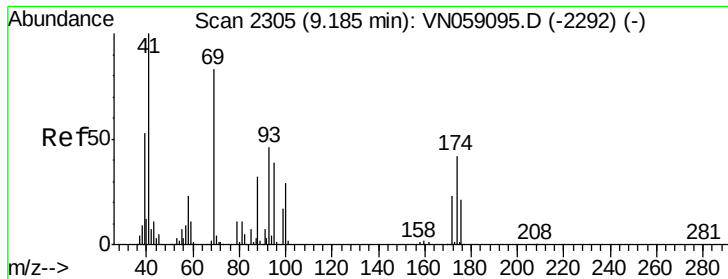
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN059184.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN059184.D (-2186) (-)

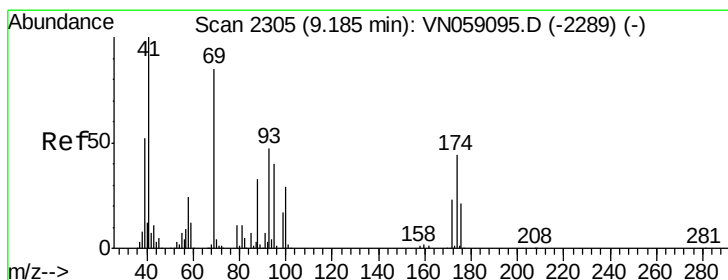
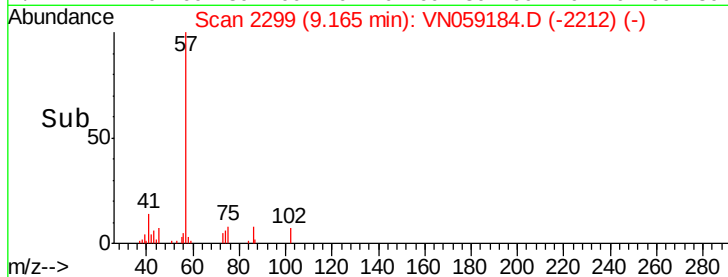
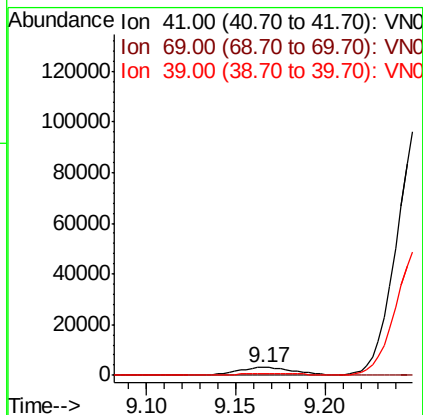
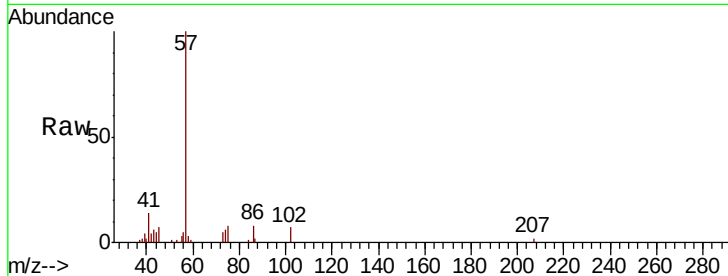




#48
Methvl methacrylate
Concen: 1.454 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.02 min
Lab File: VN059184.D
Acq: 12 Nov 2019 12:55

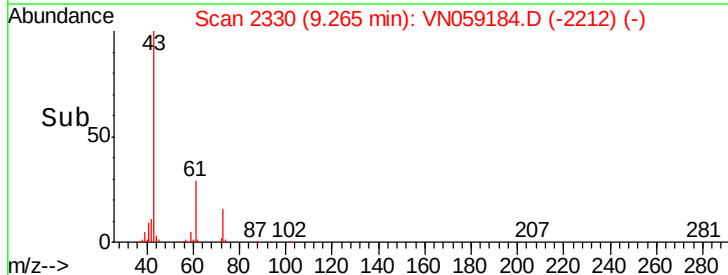
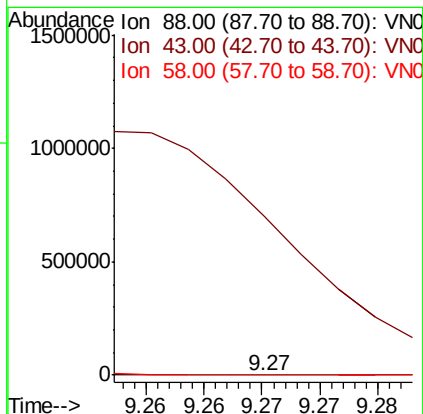
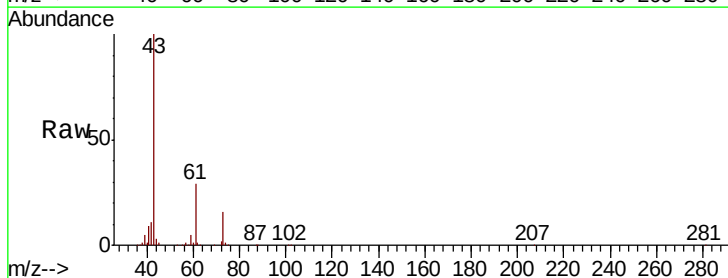
Instrument :
MSVOA_N
ClientSampleId :

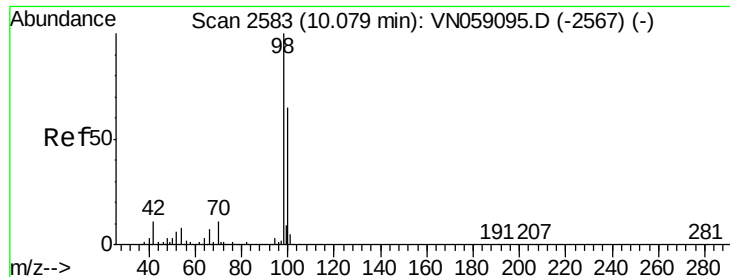
Tot Ion: 41 Resp: 7056
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 43.3 64.9#



#49
1,4-Dioxane
Concen: 0.336 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.08 min
Lab File: VN059184.D
Acq: 12 Nov 2019 12:55

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 6852962.1 26.3 39.5#
58 33517.2 60.6 90.8#

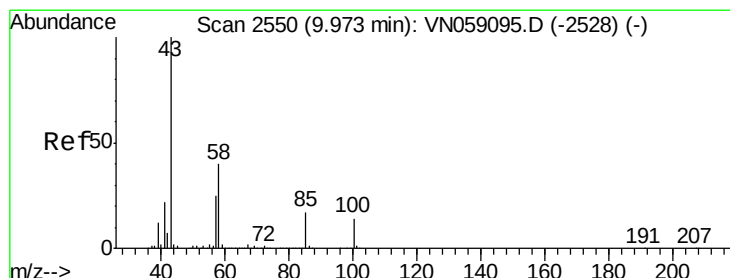
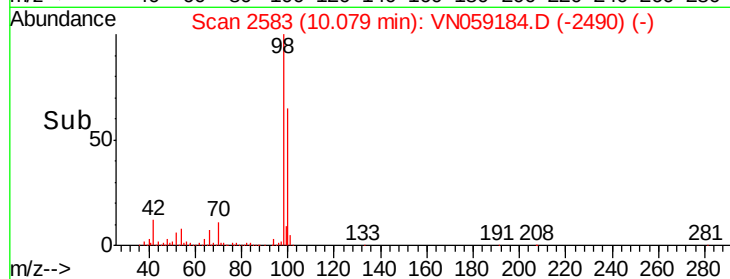
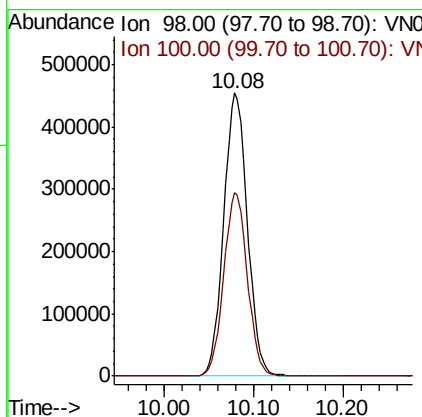
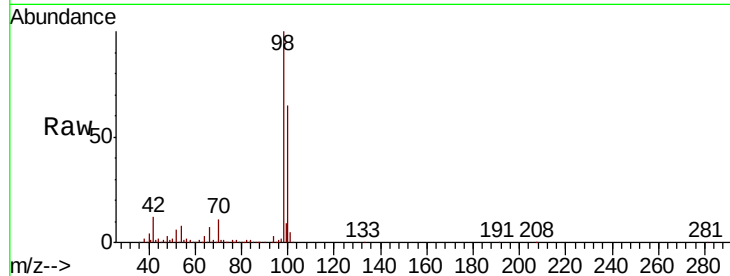




#50
Toluene-d8
Concen: 54.330 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059184.D
Acq: 12 Nov 2019 12:55

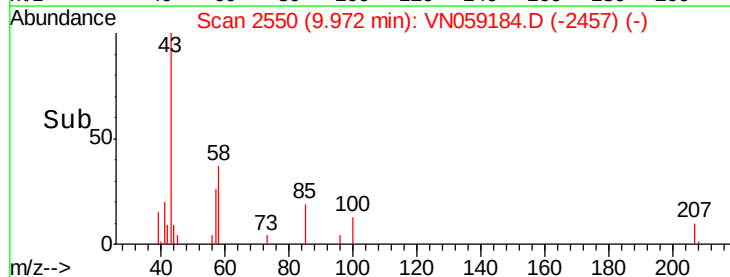
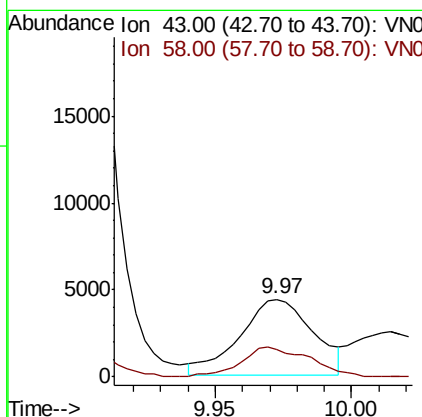
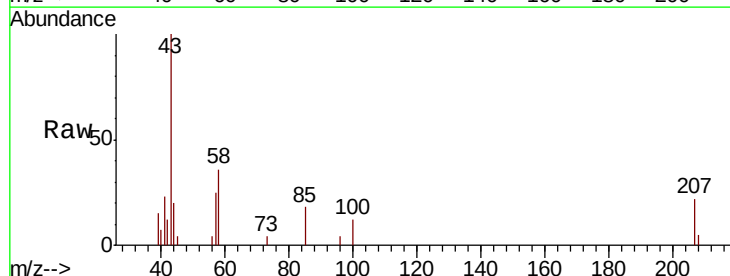
Instrument :
MSVOA_N
ClientSampled :

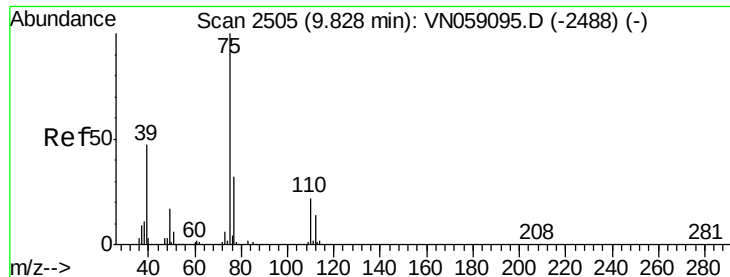
Tot Ion: 98 Resp: 836090
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.328 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059184.D
Acq: 12 Nov 2019 12:55

Tgt Ion: 43 Resp: 8148
Ion Ratio Lower Upper
43 100
58 37.4 31.5 47.3





#54

cis-1,3-Dichloropropene

Concen: 5.901 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.07 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

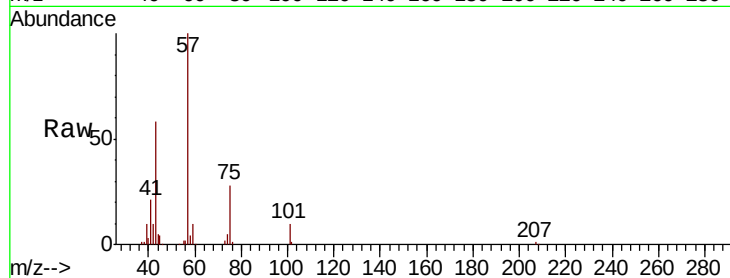
Tot Ion: 75 Resp: 45647

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

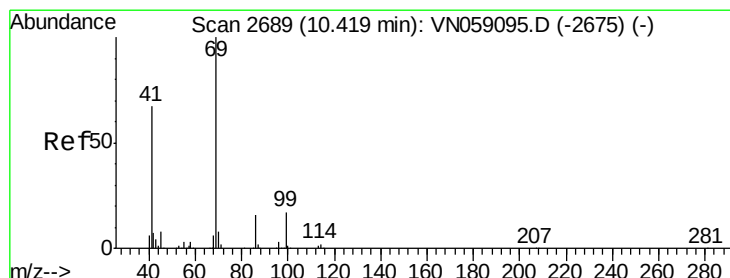
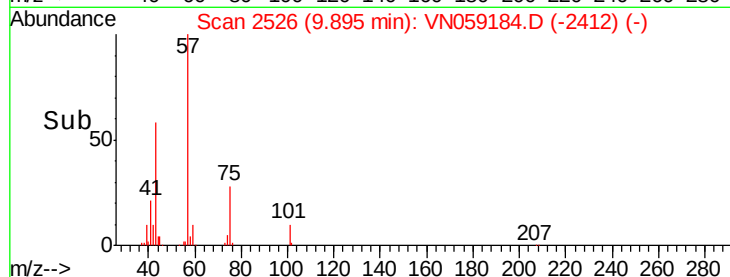
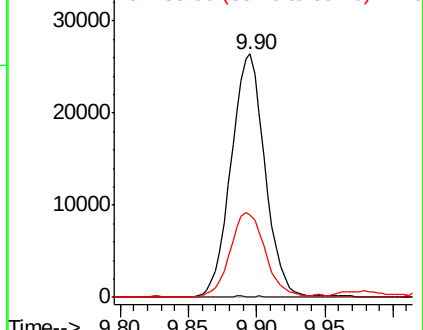
39 34.1 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 2.123 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.12 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

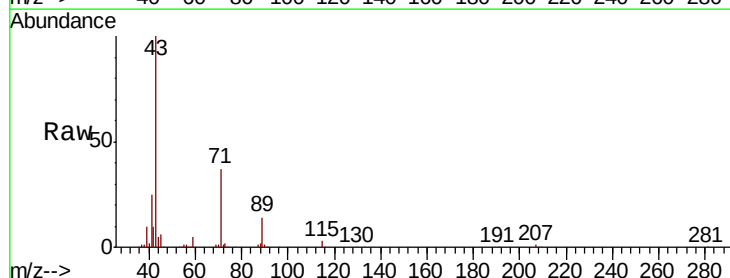
Tgt Ion: 69 Resp: 1931

Ion Ratio Lower Upper

69 100

41 4855.0 53.6 80.4#

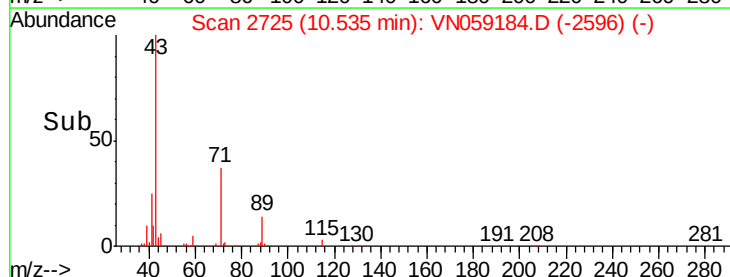
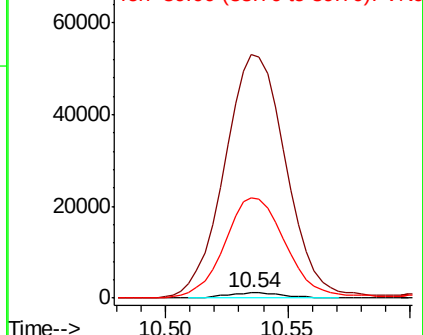
39 1999.5 26.2 39.4#

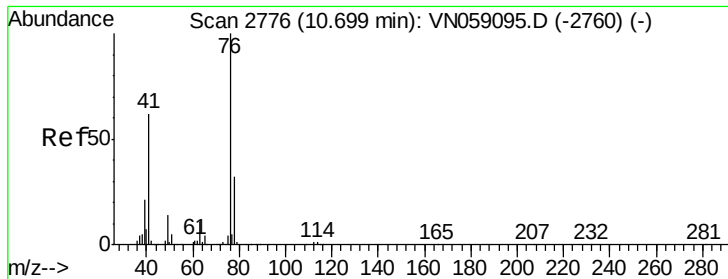


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

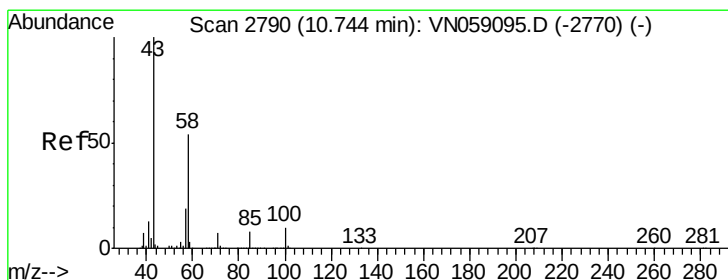
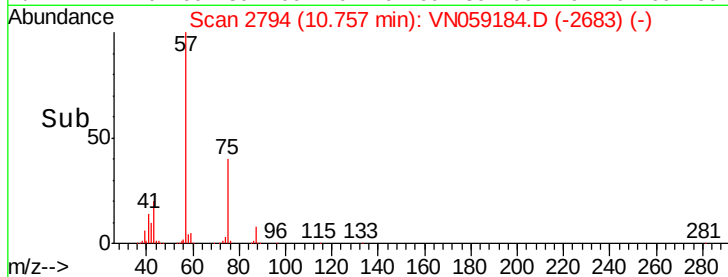
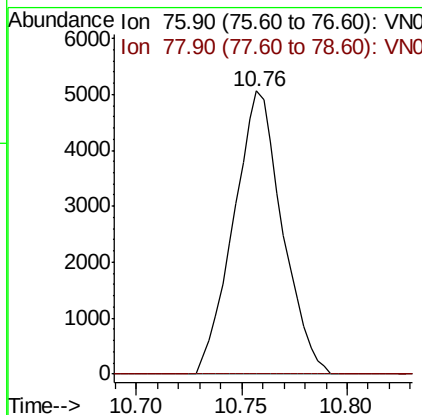
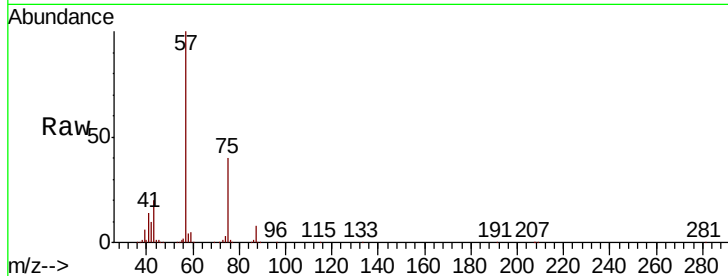




#57
 1,3-Dichloropropane
 Concen: 1.054 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.06 min
 Lab File: VN059184.D
 Acq: 12 Nov 2019 12:55

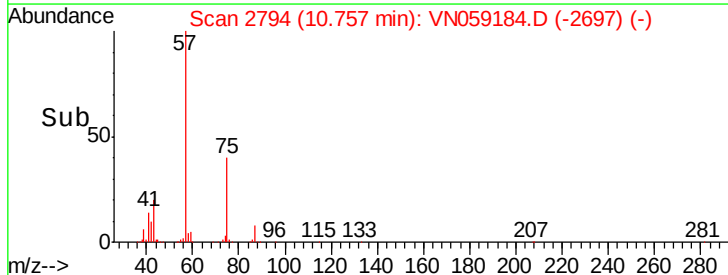
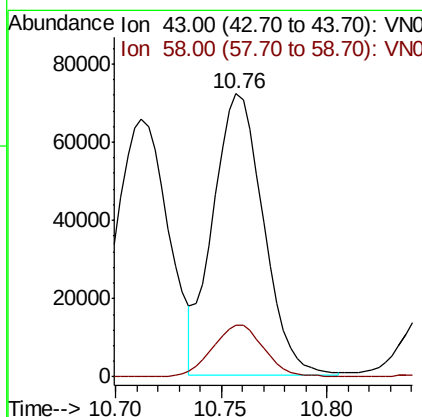
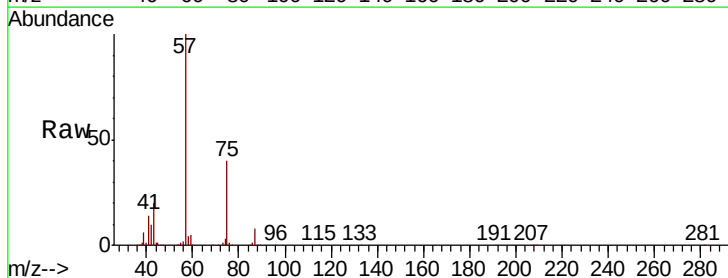
Instrument :
 MSVOA_N
 ClientSampleId :

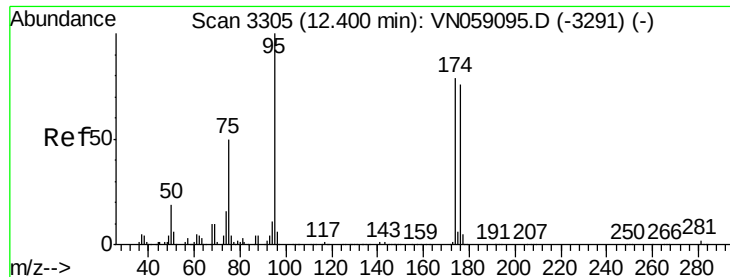
Tot Ion: 76 Resp: 8103
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 25.469 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: VN059184.D
 Acq: 12 Nov 2019 12:55

Tgt Ion: 43 Resp: 119979
 Ion Ratio Lower Upper
 43 100
 58 19.0 27.3 81.8#





#62

4-Bromofluorobenzene

Concen: 48.821 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

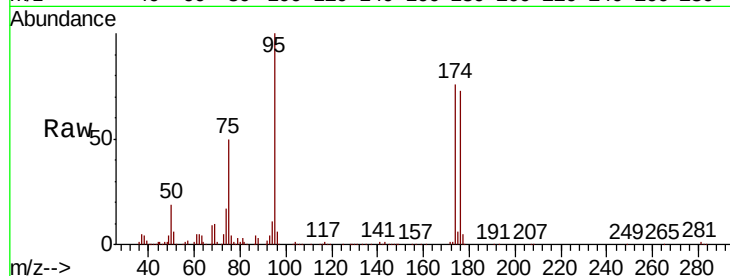
Tot Ion: 95 Resp: 270896

Ion Ratio Lower Upper

95 100

174 77.4 0.0 158.2

176 74.2 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059184.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059184.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059184.D (-3291) (-)

12.40

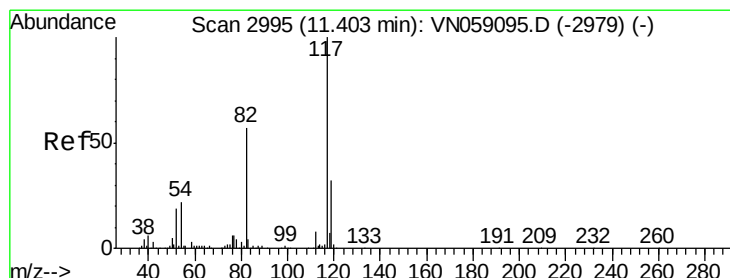
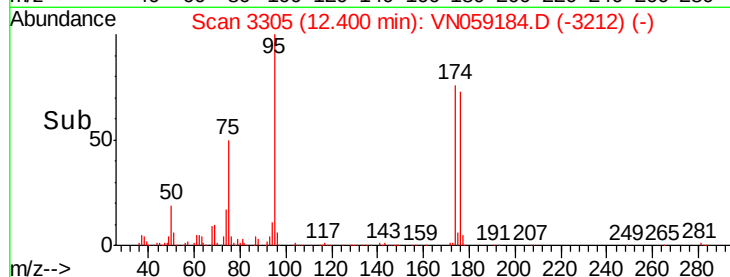
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

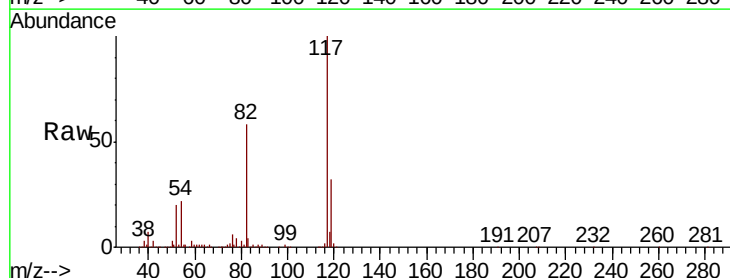
Tgt Ion: 117 Resp: 600497

Ion Ratio Lower Upper

117 100

82 57.7 45.8 68.8

119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN059184.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059184.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059184.D (-2979) (-)

11.40

400000

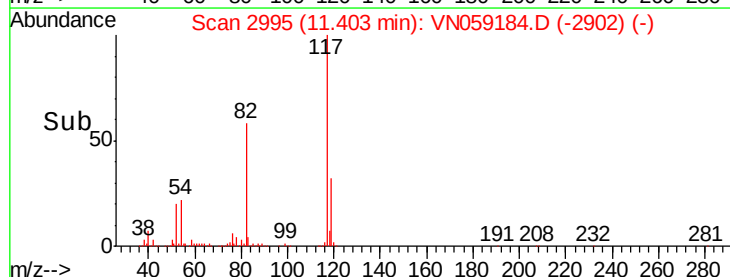
300000

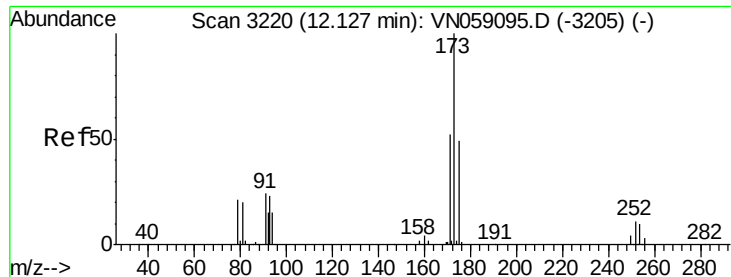
200000

100000

0

Time--> 11.30 11.40 11.50





#71

Bromoform

Concen: 0.496 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

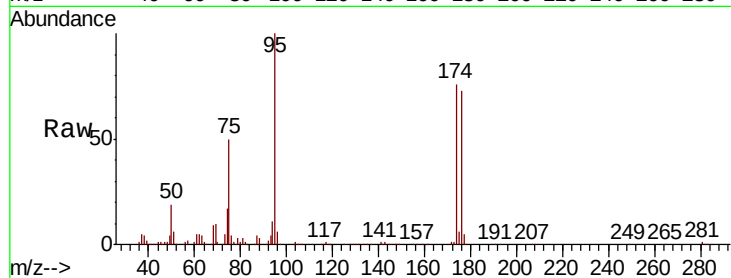
Tot Ion:173 Resp: 1695

Ion Ratio Lower Upper

173 100

175 796.3 24.2 72.6#

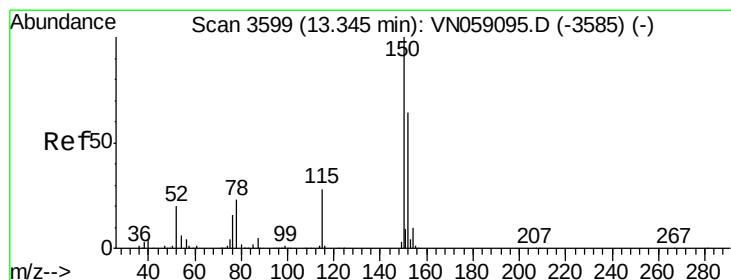
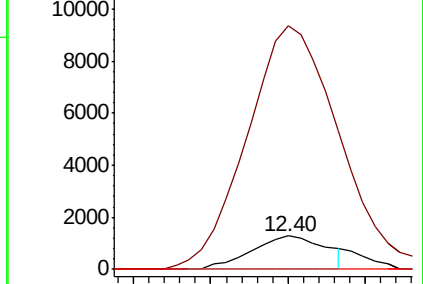
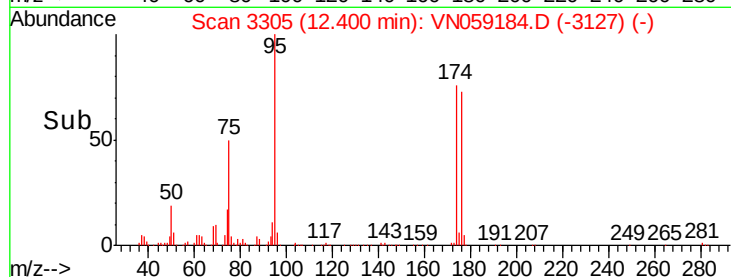
254 0.0 0.1 0.1#



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# 3599

Delta R.T. -0.00 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

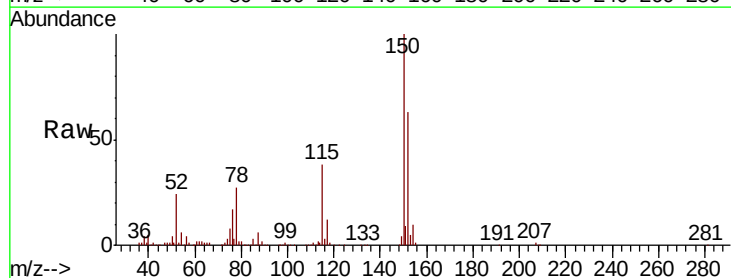
Tgt Ion:152 Resp: 219950

Ion Ratio Lower Upper

152 100

115 58.9 29.4 88.2

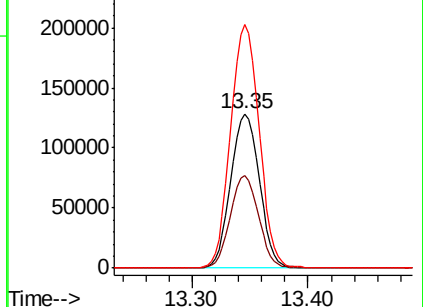
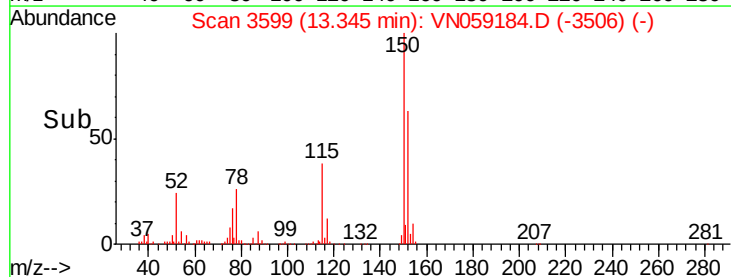
150 157.3 0.0 345.8

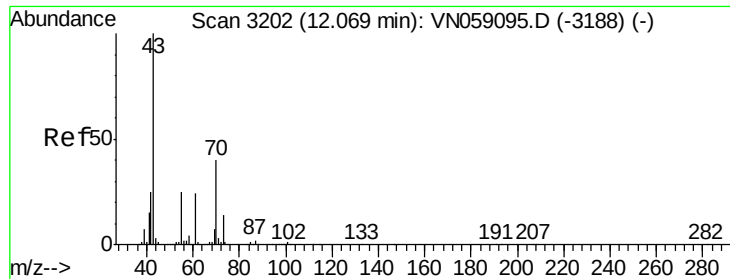


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.792 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 5366

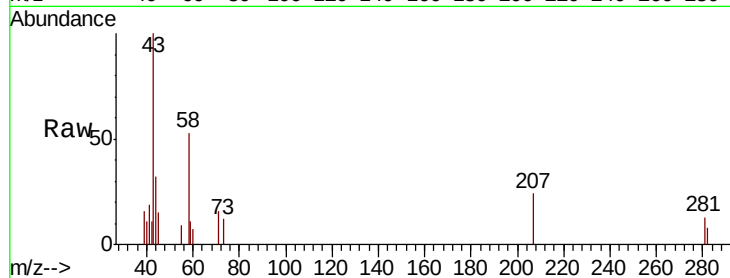
Ion Ratio Lower Upper

43 100

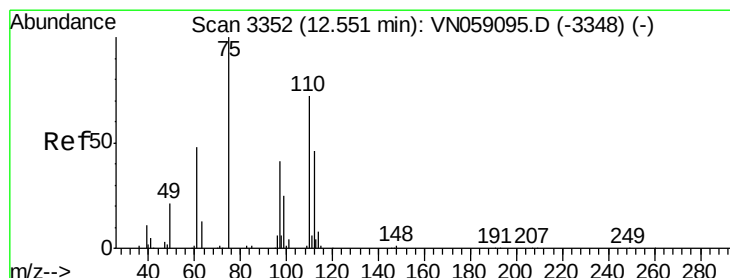
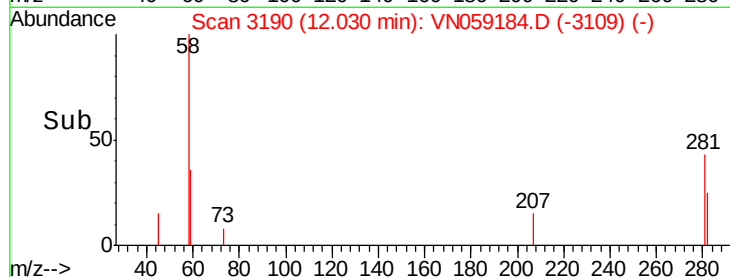
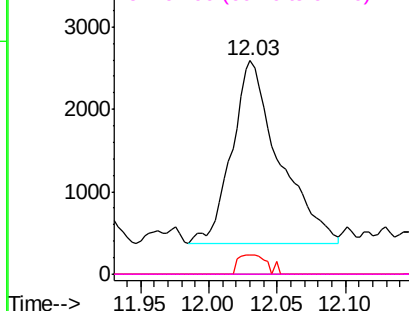
70 0.0 32.2 48.4#

55 6.5 20.4 30.6#

61 0.0 19.3 28.9#



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: 27.160 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059184.D

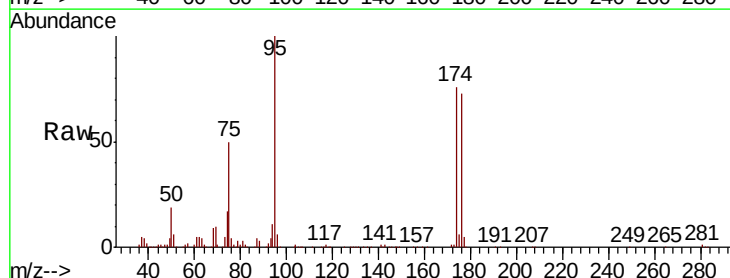
Acq: 12 Nov 2019 12:55

Tgt Ion: 75 Resp: 136005

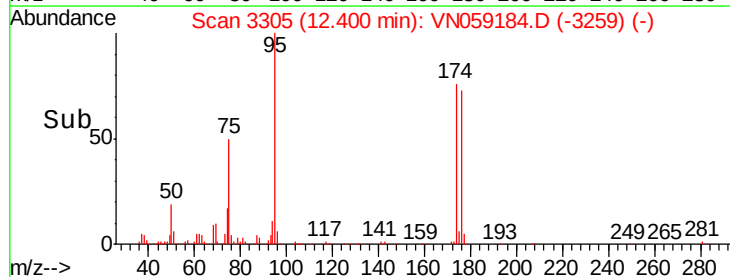
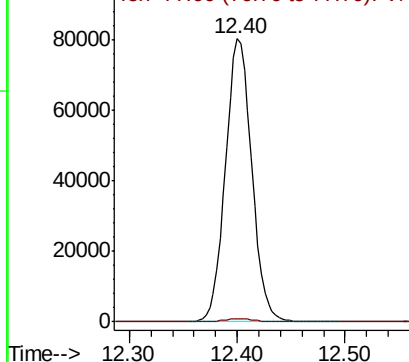
Ion Ratio Lower Upper

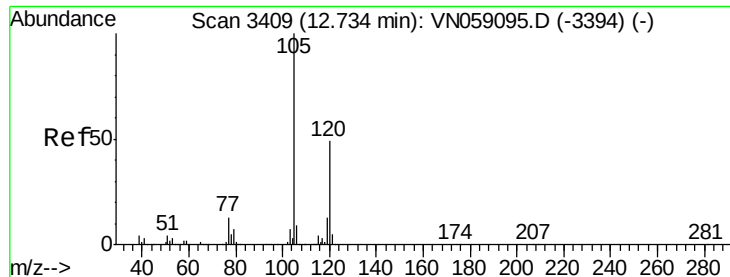
75 100

77 1.4 0.0 0.0#



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

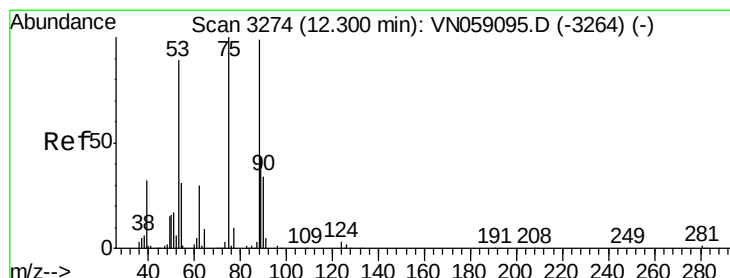
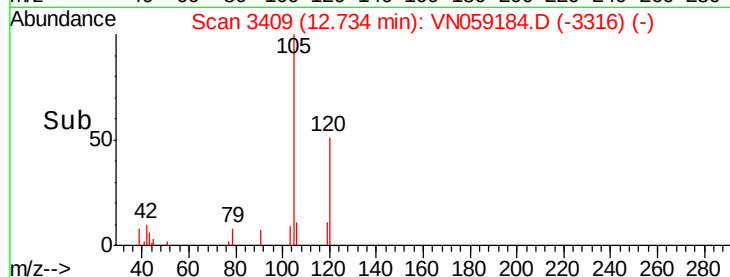
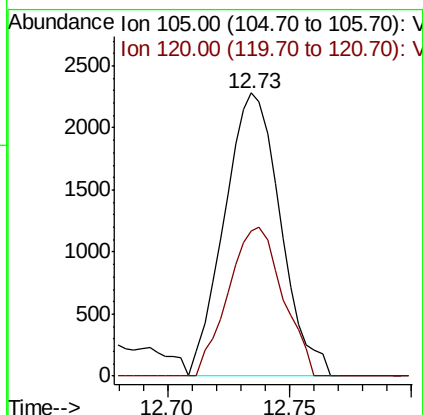
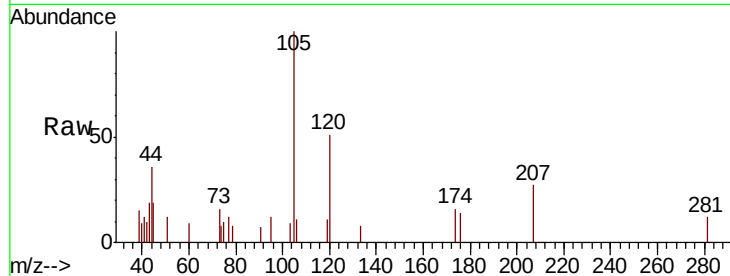




#80
 1,3,5-Trimethylbenzene
 Concen: 0.268 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059184.D
 Acq: 12 Nov 2019 12:55

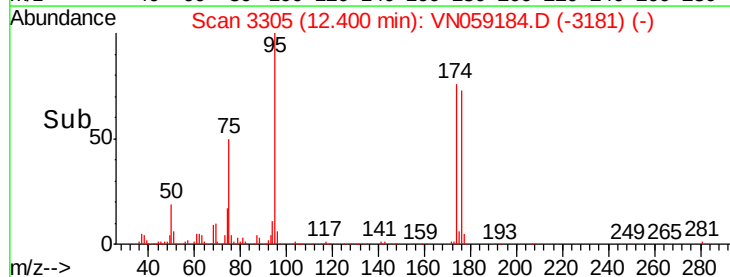
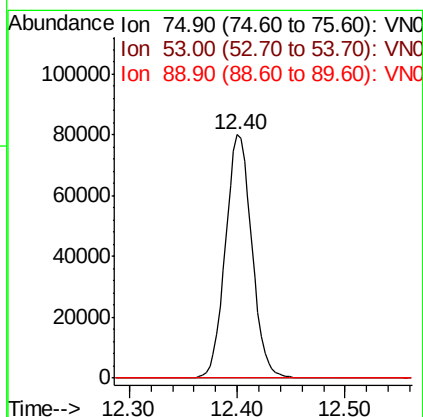
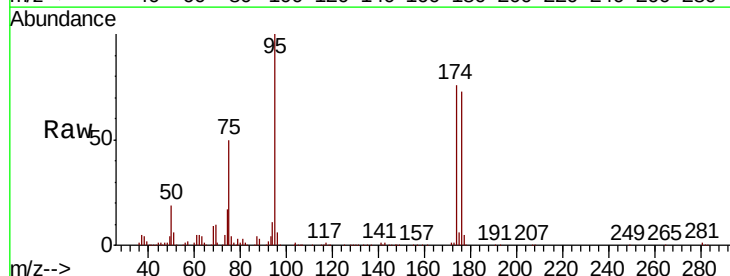
Instrument :
 MSVOA_N
 ClientSampled :

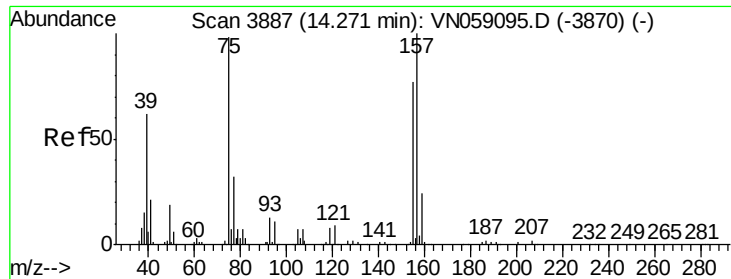
Tot Ion:105 Resp: 3636
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.737 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN059184.D
 Acq: 12 Nov 2019 12:55

Tgt Ion: 75 Resp: 136005
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.2 108.2#
 89 0.0 35.8 53.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.325 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

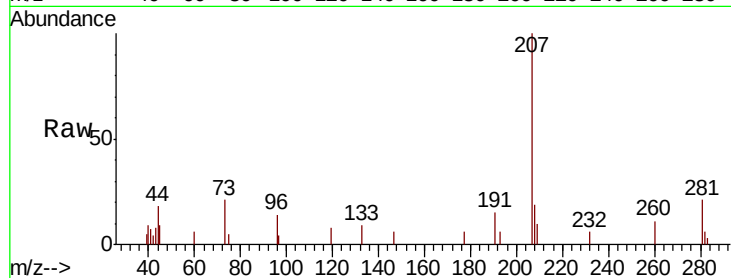
Tot Ion: 75 Resp: 325

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

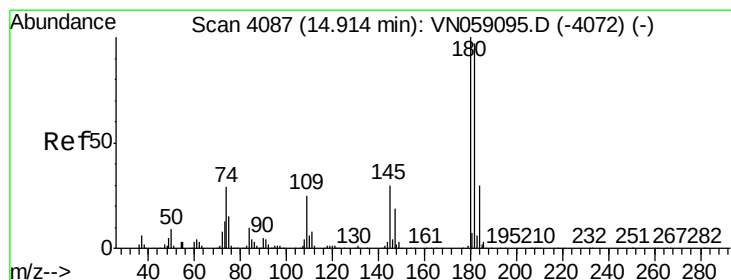
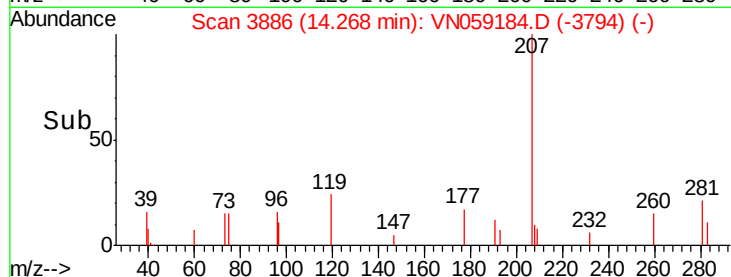
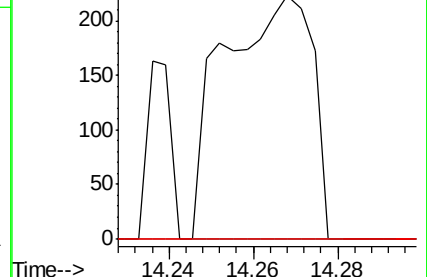
157 0.0 51.8 155.5#



Abundance Ion 74.90 (74.60 to 75.60): VN059095.D (-3870) (-)

Ion 154.80 (154.50 to 155.50): VN059095.D (-3870) (-)

Ion 156.80 (156.50 to 157.50): VN059095.D (-3870) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.224 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

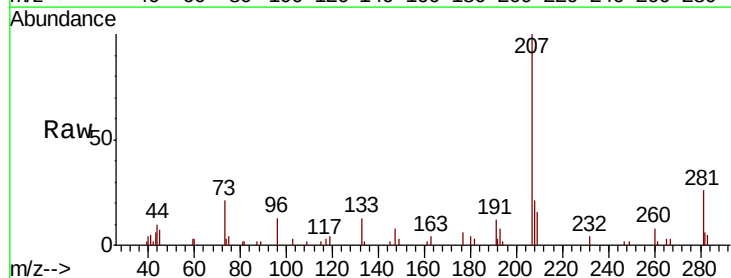
Tgt Ion: 180 Resp: 779

Ion Ratio Lower Upper

180 100

182 59.8 48.1 144.3

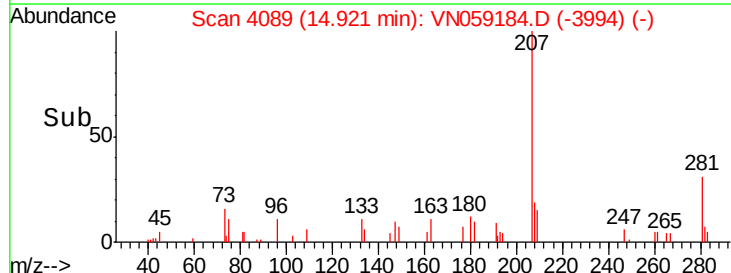
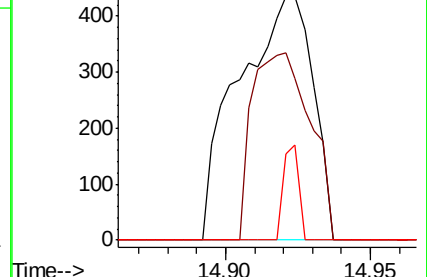
145 8.1 15.1 45.3#

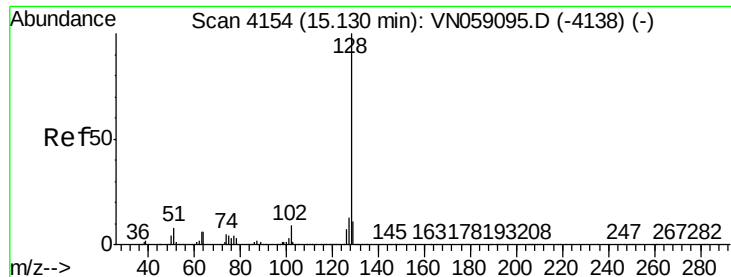


Abundance Ion 179.80 (179.50 to 180.50): VN059095.D (-4072) (-)

Ion 181.80 (181.50 to 182.50): VN059095.D (-4072) (-)

Ion 144.80 (144.50 to 145.50): VN059095.D (-4072) (-)





#95

Naphthalene

Concen: 3.376 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :

MSVOA_N

ClientSampled :

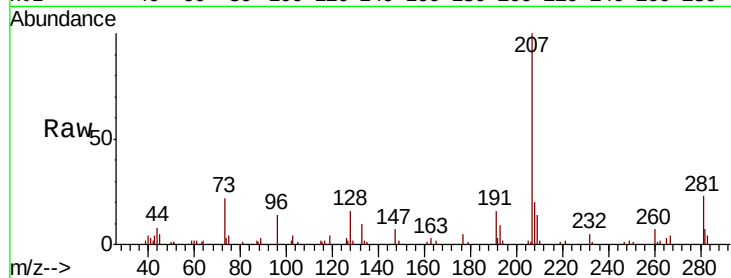
Tot Ion:128 Resp: 4021

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

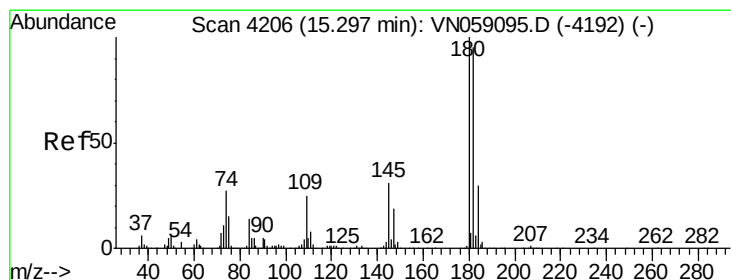
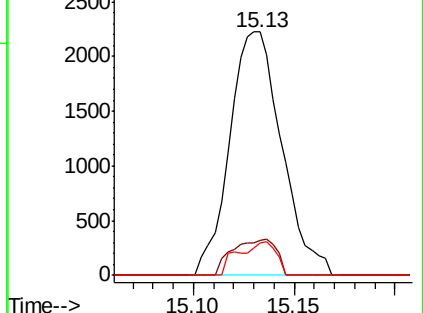
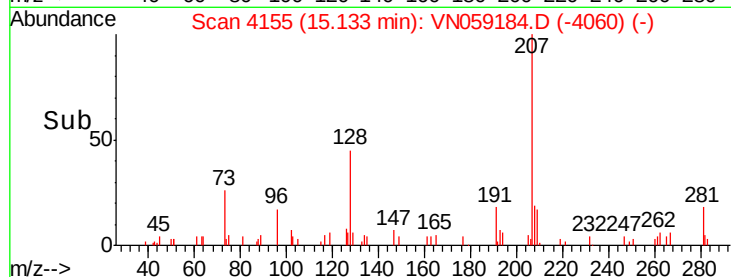
129 10.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.257 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. -0.00 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

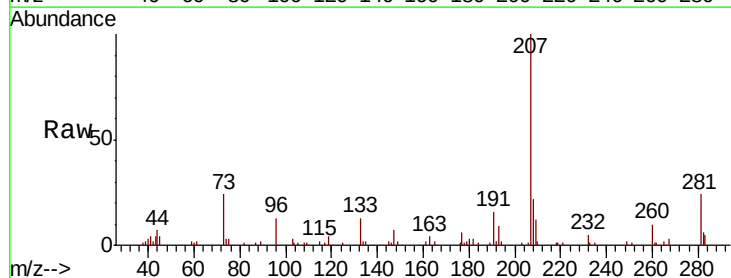
Tgt Ion:180 Resp: 975

Ion Ratio Lower Upper

180 100

182 76.1 47.3 141.8

145 57.4 15.8 47.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

