

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059238.D
 Acq On : 14 Nov 2019 16:50
 Operator : JC/SP
 Sample : K5842-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 06:32:28 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	497273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	776669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	683588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	262981	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	309920	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
35) Dibromofluoromethane	7.57	113	239108	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	
50) Toluene-d8	10.08	98	937564	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.40	95	314744	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	

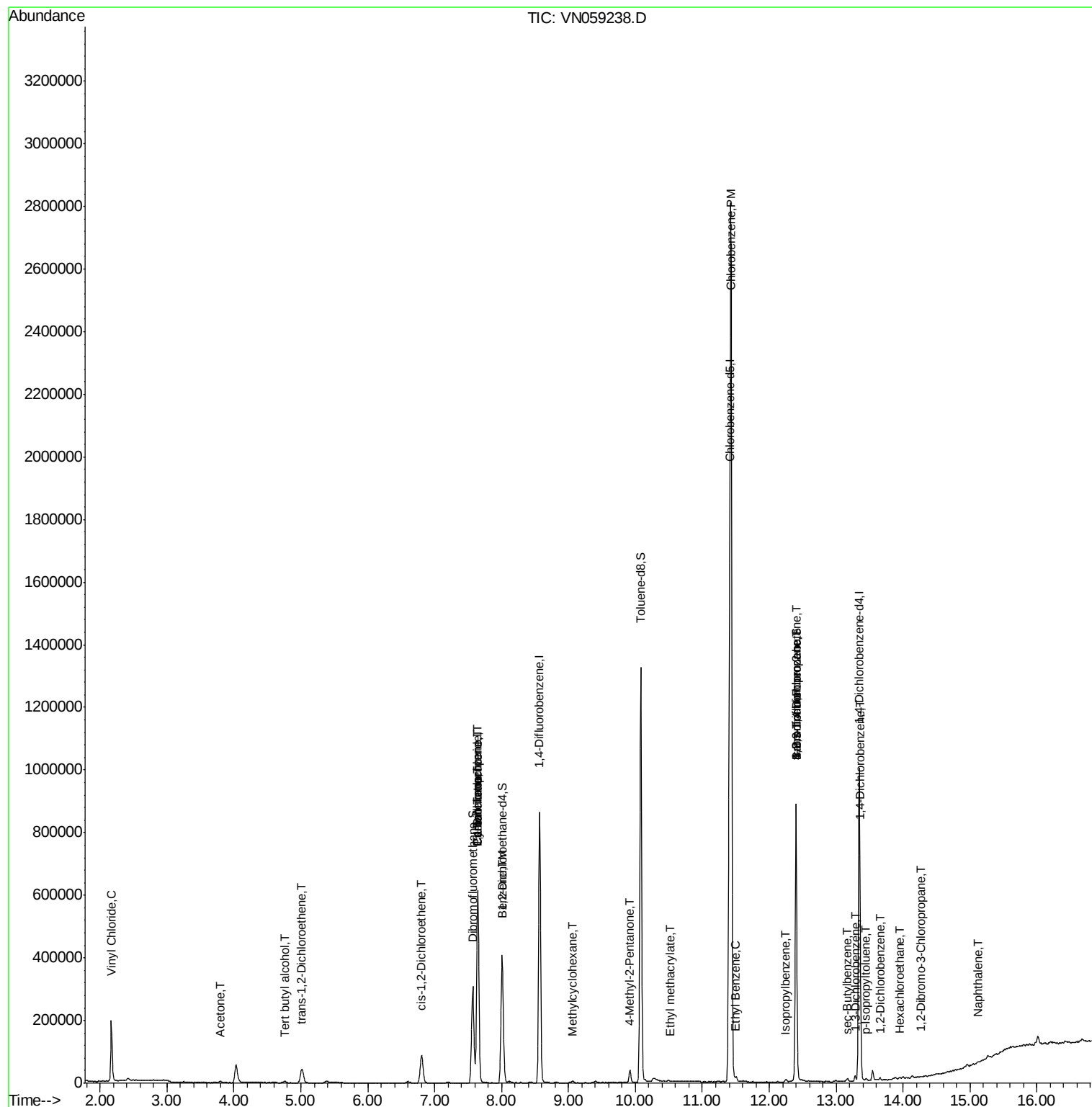
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.17	62	186418	28.232	ug/l	100
11) Tert butyl alcohol	4.76	59	8438	7.243	ug/l #	87
16) Acetone	3.80	43	7467	2.349	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	30146	6.054	ug/l	96
27) cis-1,2-Dichloroethene	6.81	96	59956	10.379	ug/l	89
31) Cyclohexane	7.64	56	13188	1.386	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	37456	5.160	ug/l #	50
38) Carbon Tetrachloride	7.64	117	47251	6.539	ug/l #	17
39) Methylcyclohexane	9.06	83	2808	0.333	ug/l #	79
40) Benzene	8.02	78	72382	3.311	ug/l	99
51) 4-Methyl-2-Pentanone	9.92	43	19095	2.621	ug/l #	36
56) Ethyl methacrylate	10.52	69	30	1.876	ug/l #	1
65) Chlorobenzene	11.43	112	1495636	112.236	ug/l	99
67) Ethyl Benzene	11.51	91	10583	0.448	ug/l	95
71) Bromoform	12.40	173	1651	0.425	ug/l #	1
73) Isopropylbenzene	12.25	105	5594	0.292	ug/l	95
76) 1,2,3-Trichloropropane	12.40	75	155163	25.916	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	155163	68.451	ug/l #	13
85) sec-Butylbenzene	13.17	105	5090	0.280	ug/l	79
86) p-Isopropyltoluene	13.44	119	3657	0.228	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	7209	0.876	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	67447	8.191	ug/l	96
90) Hexachloroethane	13.95	117	2362	0.732	ug/l #	8
91) 1,2-Dichlorobenzene	13.65	146	3676	0.454	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	325	0.276	ug/l #	3
95) Naphthalene	15.13	128	594	3.086	ug/l #	76

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

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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: VN059238.D

Acq: 14 Nov 2019 16:50

Instrument :

MSVOA_N

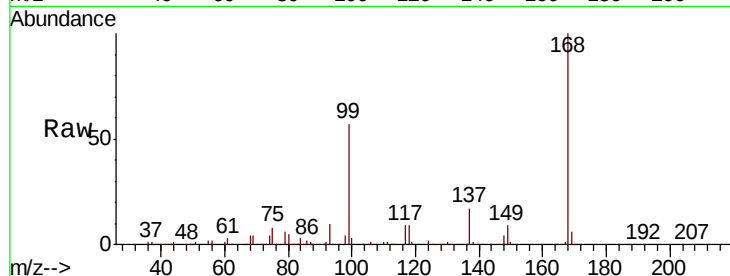
ClientSampleId :

Tot Ion:168 Resp: 497273

Ion Ratio Lower Upper

168 100

99 57.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

250000

200000

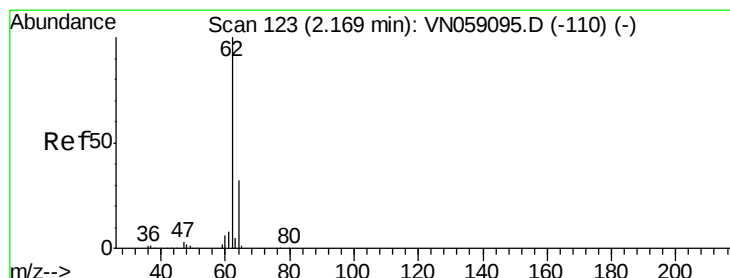
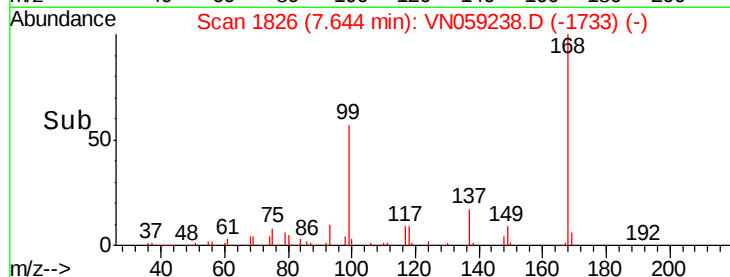
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 28.232 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059238.D

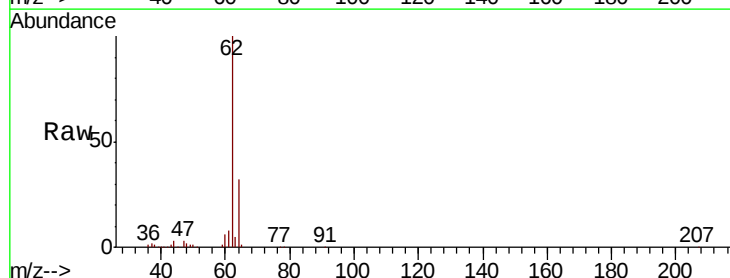
Acq: 14 Nov 2019 16:50

Tgt Ion: 62 Resp: 186418

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

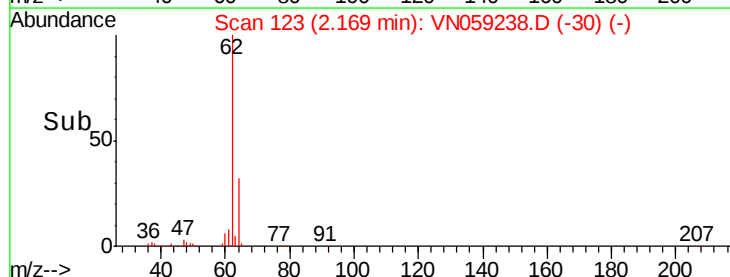
2.17

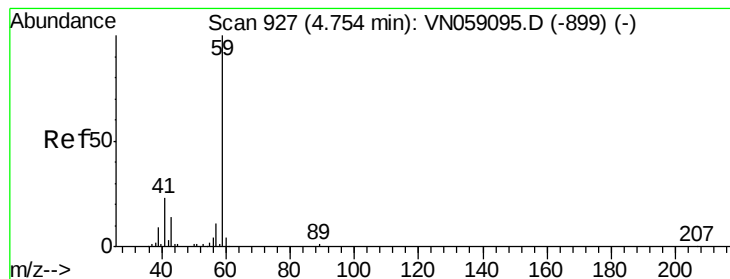
100000

50000

0

Time--> 2.10 2.20 2.30



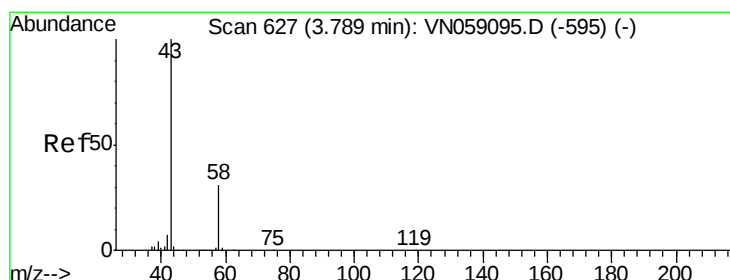
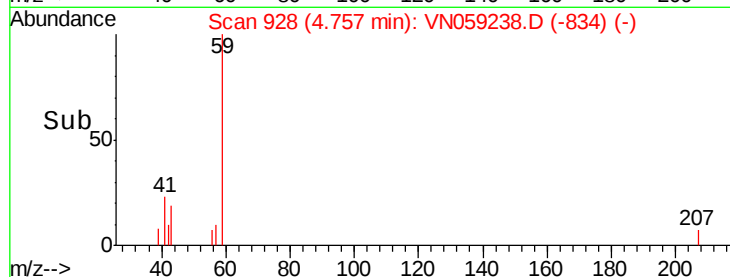
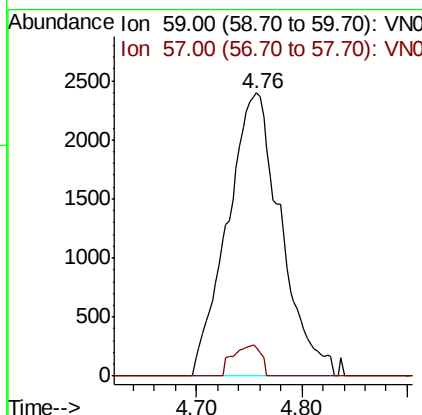
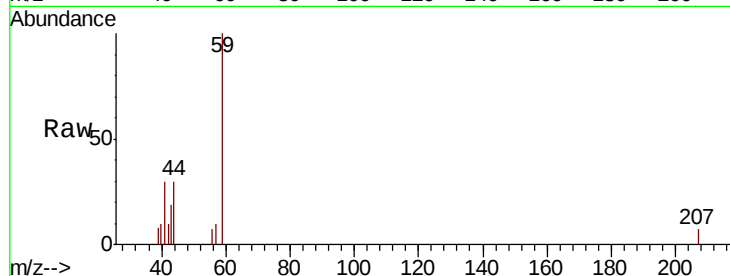


#11

Tert butyl alcohol
 Concen: 7.243 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN059238.D
 Acq: 14 Nov 2019 16:50

Instrument :
 MSVOA_N
 ClientSampleId :

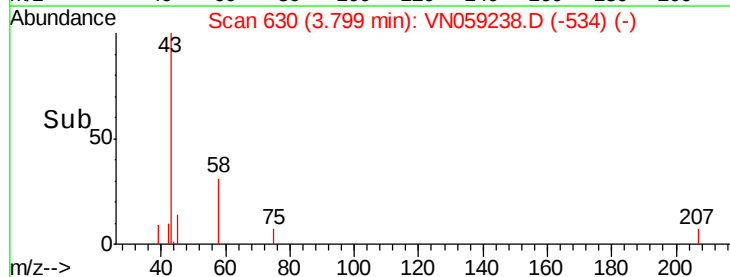
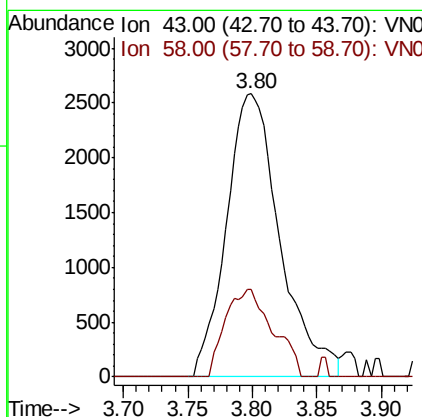
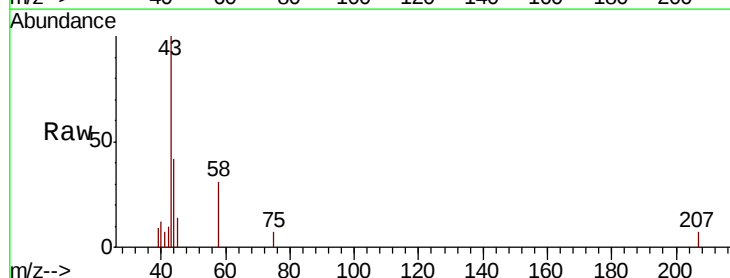
Tot Ion: 59 Resp: 8438
 Ion Ratio Lower Upper
 59 100
 57 5.7 8.3 12.5#

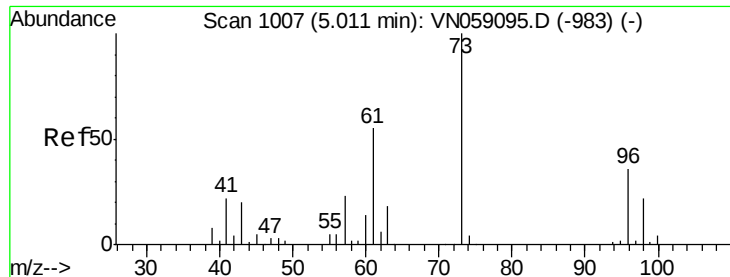


#16

Acetone
 Concen: 2.349 ug/l
 RT: 3.80 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: VN059238.D
 Acq: 14 Nov 2019 16:50

Tgt Ion: 43 Resp: 7467
 Ion Ratio Lower Upper
 43 100
 58 30.9 24.9 37.3





#21

trans-1,2-Dichloroethene

Concen: 6.054 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

Instrument :

MSVOA_N

ClientSampled :

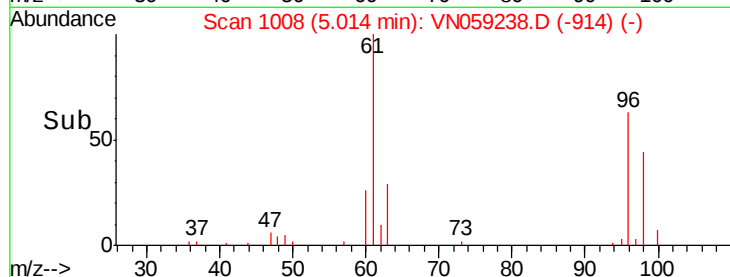
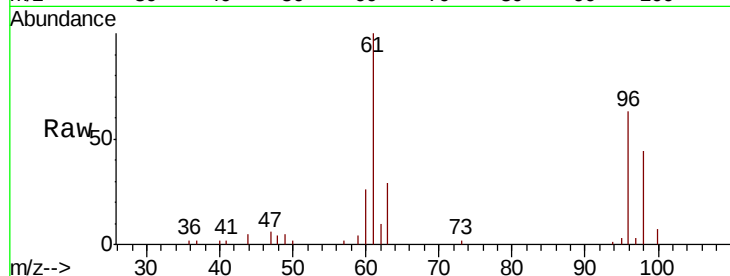
Tot Ion: 96 Resp: 30146

Ion Ratio Lower Upper

96 100

61 156.5 122.6 183.8

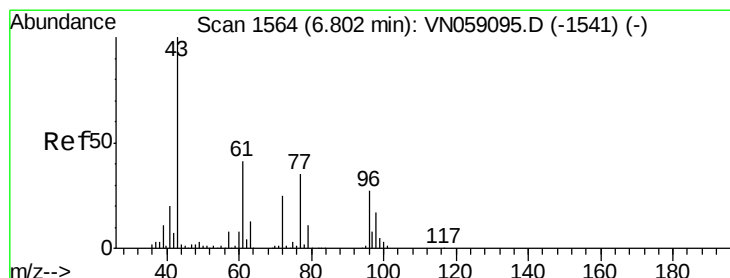
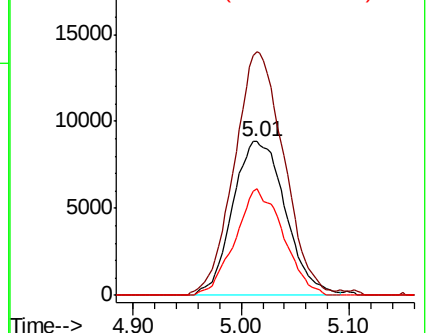
98 69.1 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#27

cis-1,2-Dichloroethene

Concen: 10.379 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

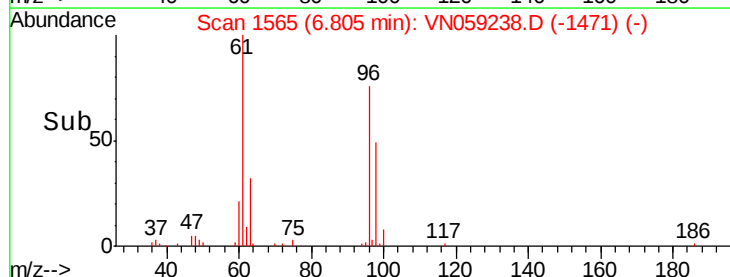
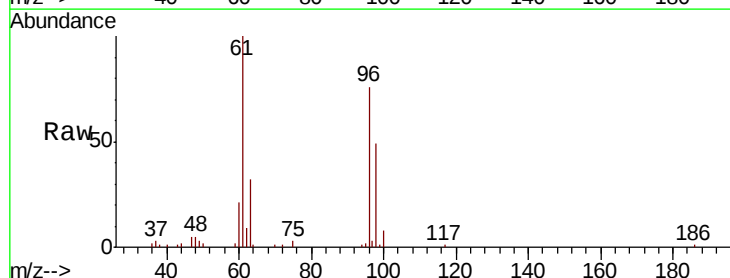
Tgt Ion: 96 Resp: 59956

Ion Ratio Lower Upper

96 100

61 136.6 0.0 311.6

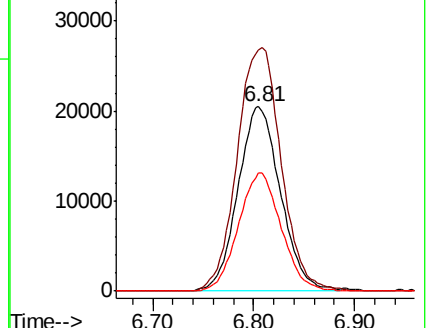
98 64.4 0.0 129.8

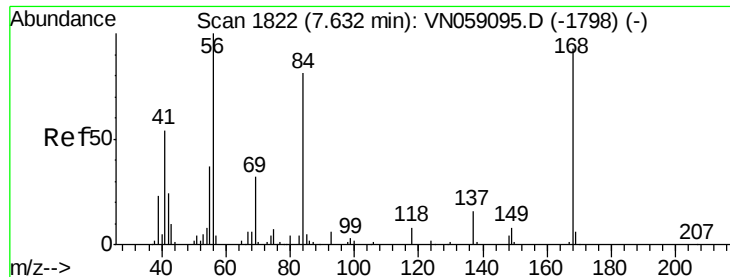


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

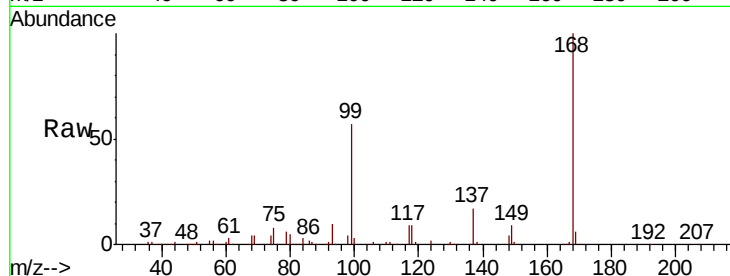




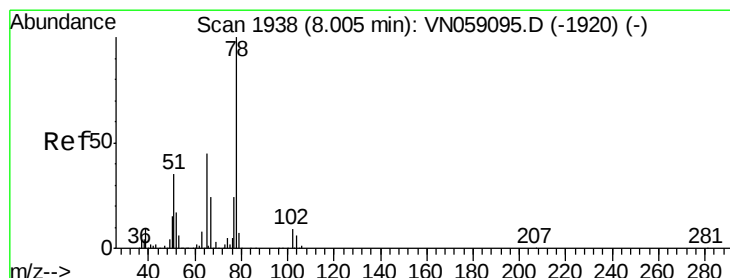
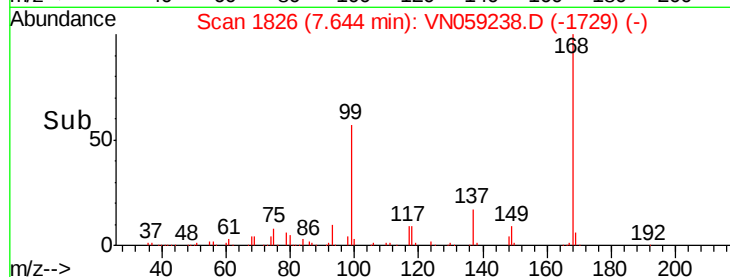
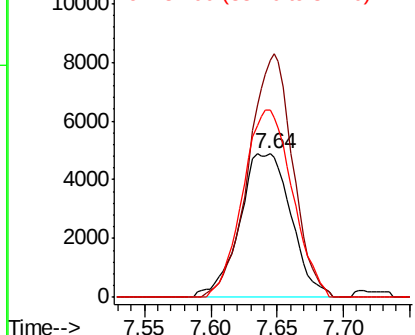
#31
Cyclohexane
Concen: 1.386 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059238.D
Acq: 14 Nov 2019 16:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 13188
Ion Ratio Lower Upper
56 100
69 165.0 25.8 38.8#
84 130.0 65.0 97.4#

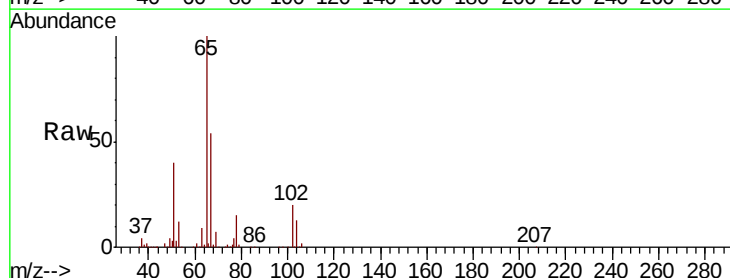


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

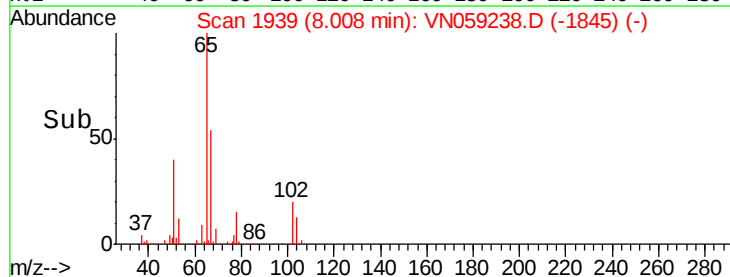
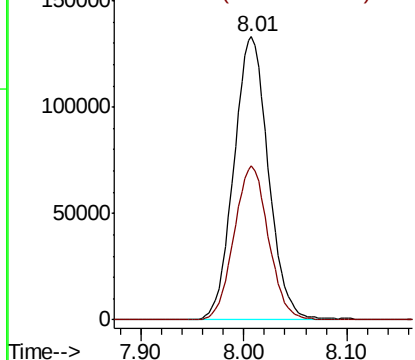


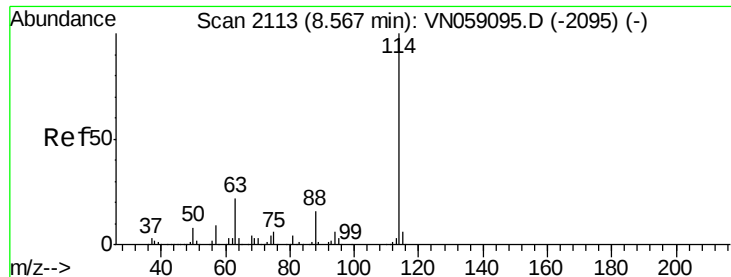
#33
1,2-Dichloroethane-d4
Concen: 50.700 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059238.D
Acq: 14 Nov 2019 16:50

Tgt Ion: 65 Resp: 309920
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.4



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

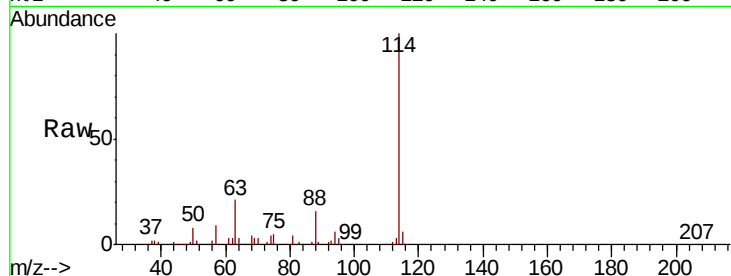




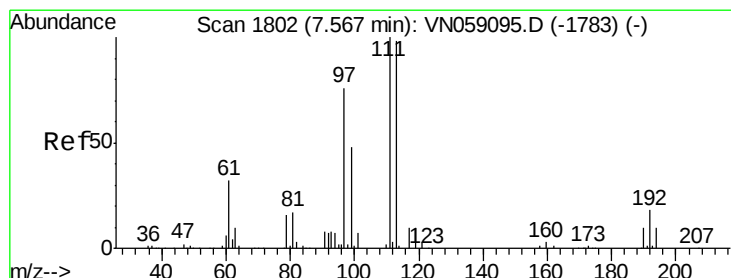
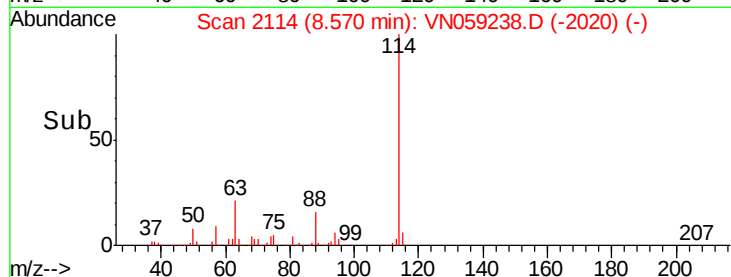
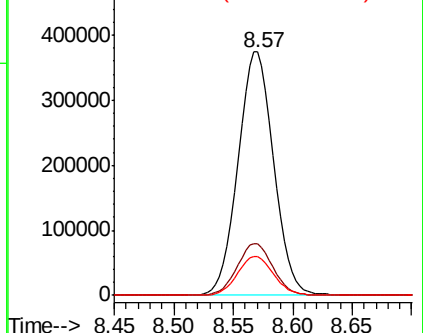
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059238.D
 Acq: 14 Nov 2019 16:50

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.4
88	15.9	0.0	32.2

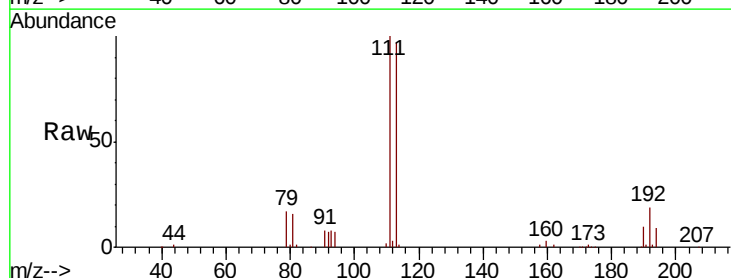


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

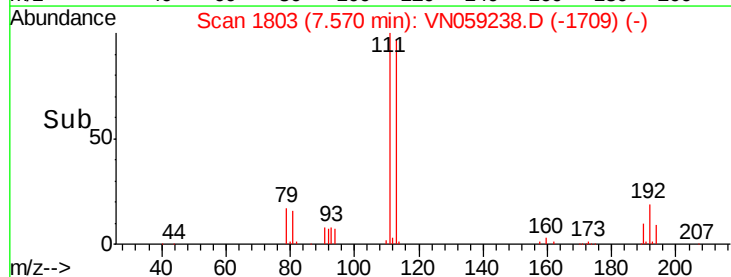
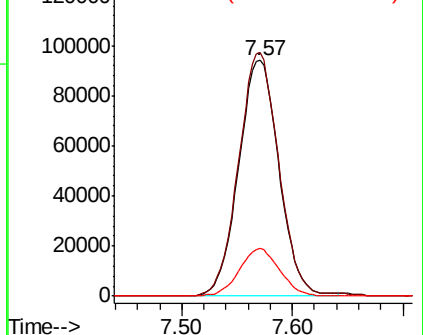


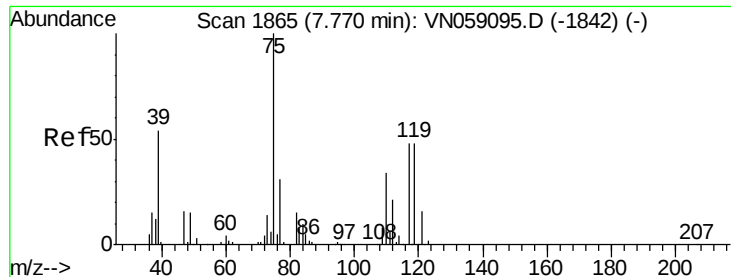
#35
 Dibromofluoromethane
 Concen: 51.560 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059238.D
 Acq: 14 Nov 2019 16:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.8	124.2
192	20.1	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

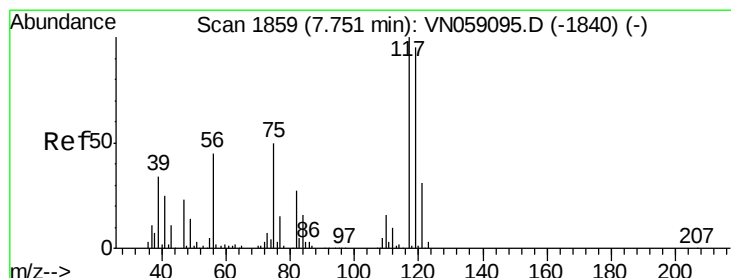
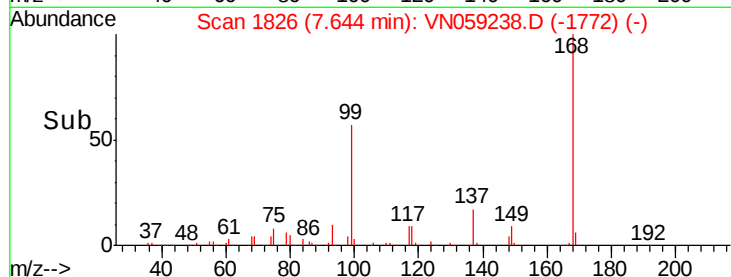
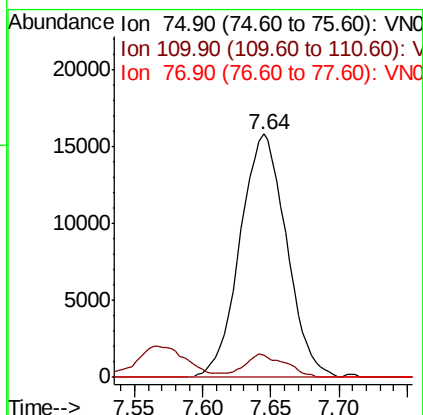
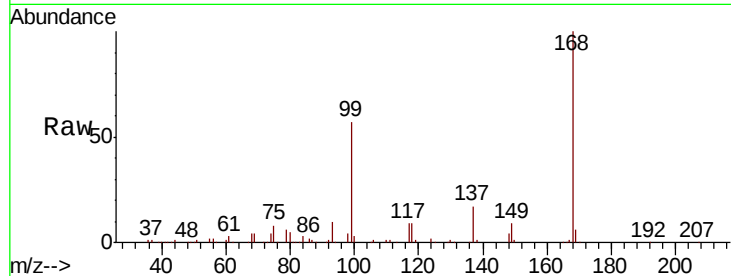




#36
 1,1-Dichloropropene
 Concen: 5.160 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059238.D
 Acq: 14 Nov 2019 16:50

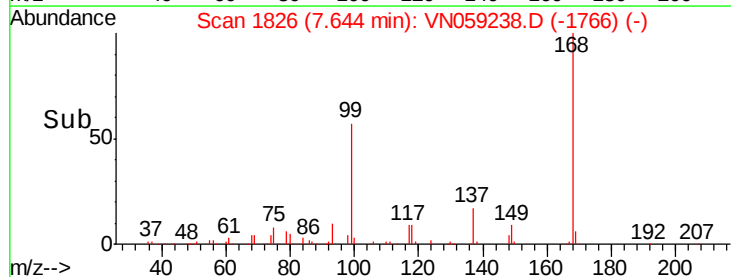
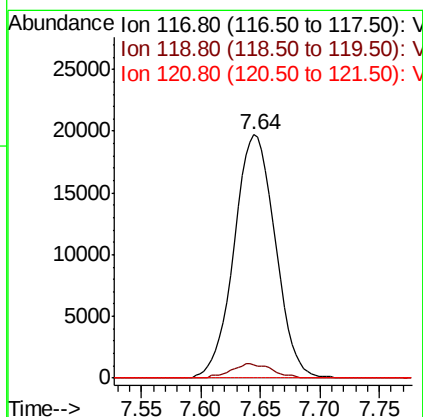
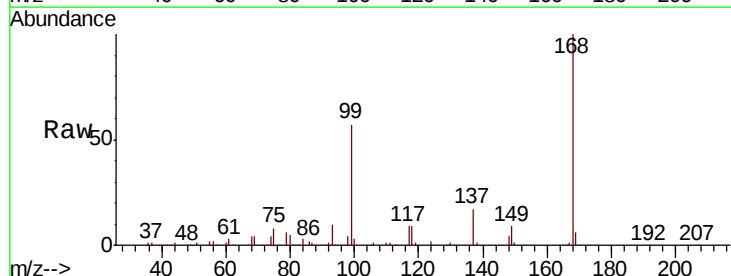
Instrument :
 MSVOA_N
 ClientSampled :

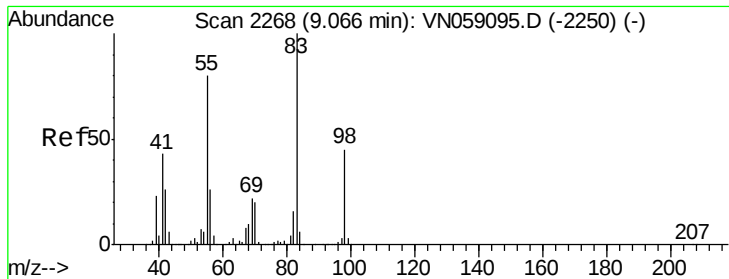
Tot Ion	75	Resp	37456
Ion Ratio	Lower	Upper	
75	100		
110	8.4	17.1	51.2#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.539 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059238.D
 Acq: 14 Nov 2019 16:50

Tgt Ion	117	Resp	47251
Ion Ratio	Lower	Upper	
117	100		
119	5.3	75.6	113.4#
121	0.0	24.6	36.8#

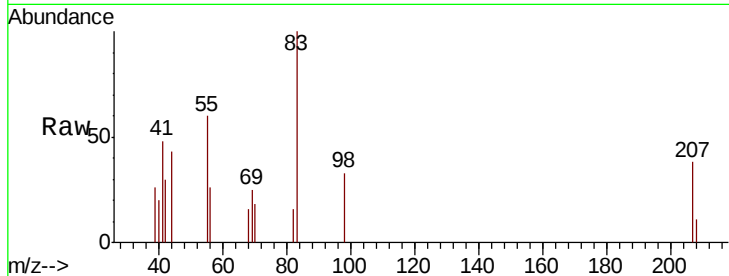




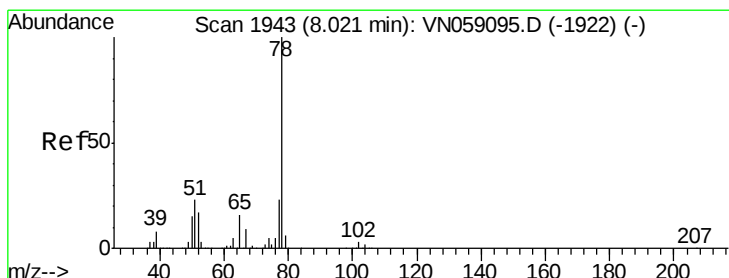
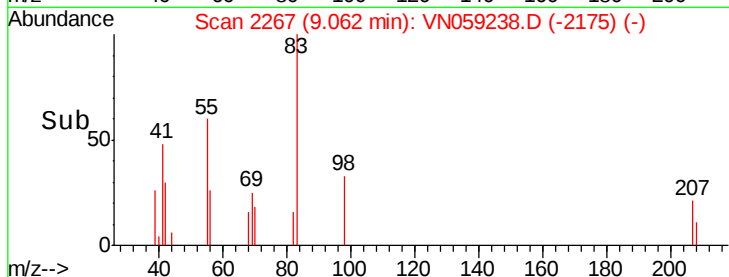
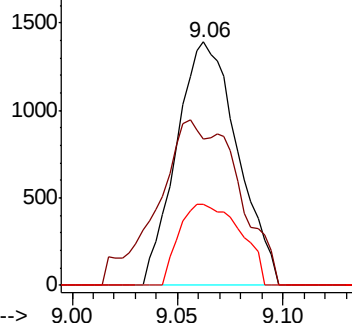
#39
Methvlcvclohexane
Concen: 0.333 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059238.D
Acq: 14 Nov 2019 16:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 2808
Ion Ratio Lower Upper
83 100
55 59.9 63.9 95.9#
98 33.3 35.6 53.4#

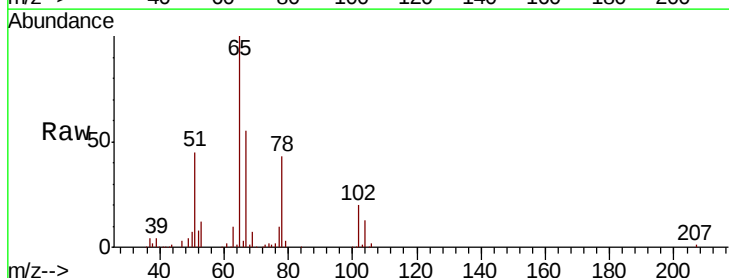


Abundance Ion 83.00 (82.70 to 83.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

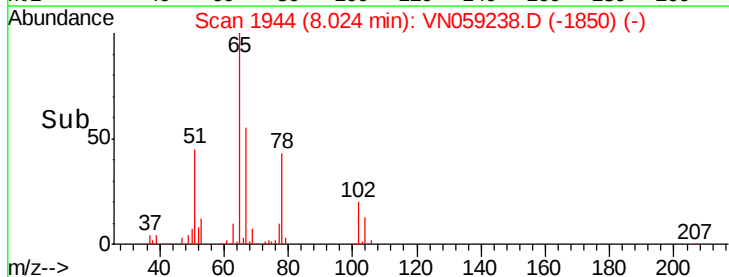
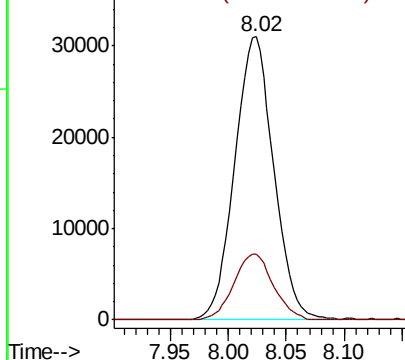


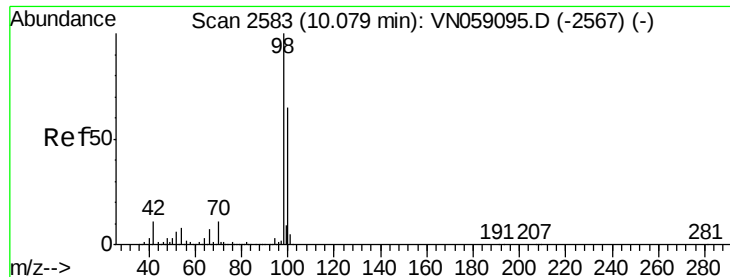
#40
Benzene
Concen: 3.311 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059238.D
Acq: 14 Nov 2019 16:50

Tgt Ion: 78 Resp: 72382
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VNC
Ion 77.00 (76.70 to 77.70): VNC





#50

Toluene-d8

Concen: 51.327 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

Instrument :

MSVOA_N

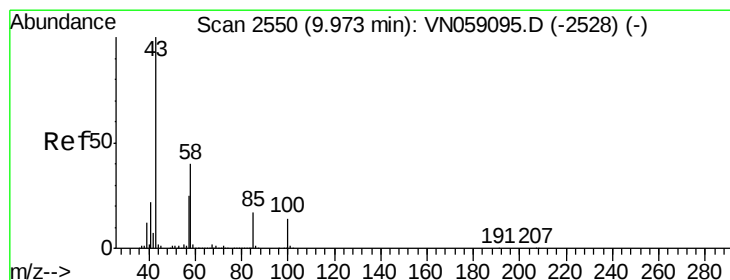
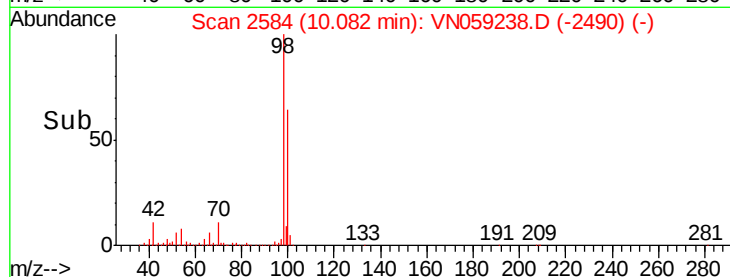
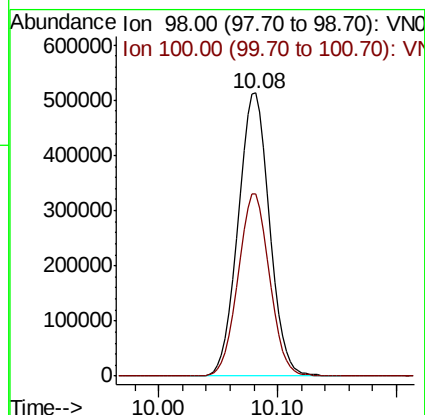
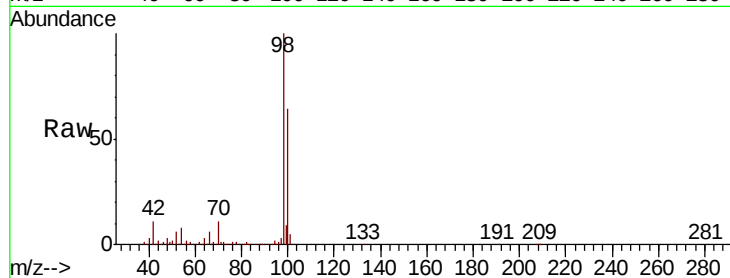
ClientSampled :

Tot Ion: 98 Resp: 937564

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 2.621 ug/l

RT: 9.92 min Scan# 2533

Delta R.T. -0.05 min

Lab File: VN059238.D

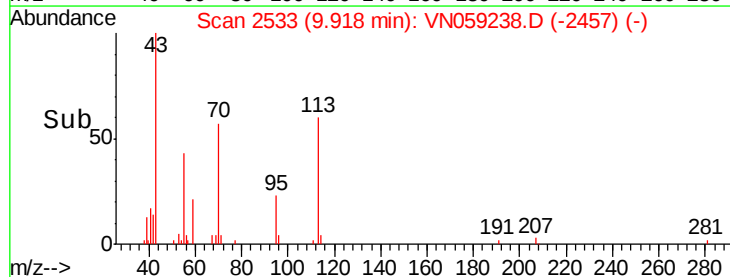
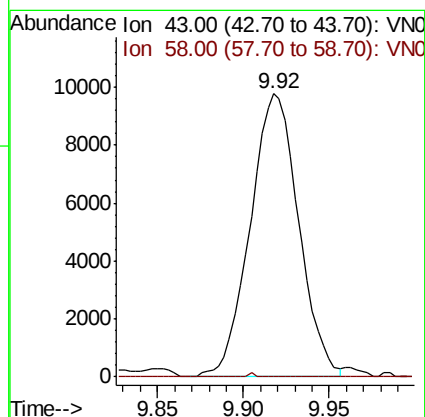
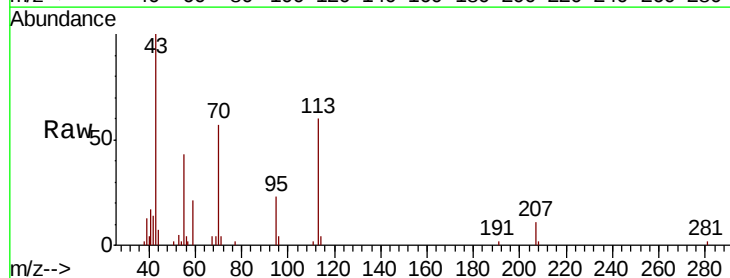
Acq: 14 Nov 2019 16:50

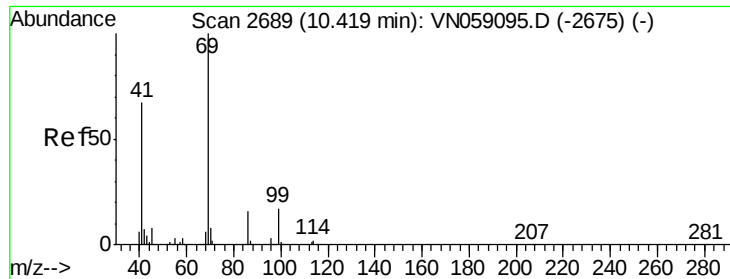
Tgt Ion: 43 Resp: 19095

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#

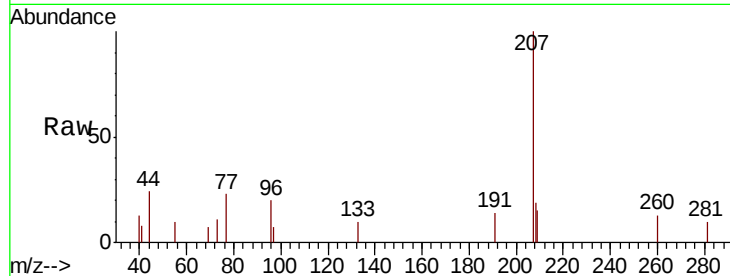




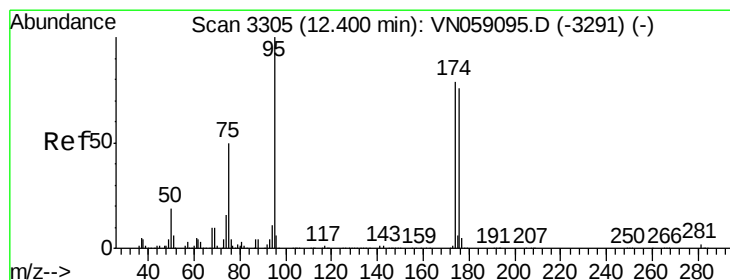
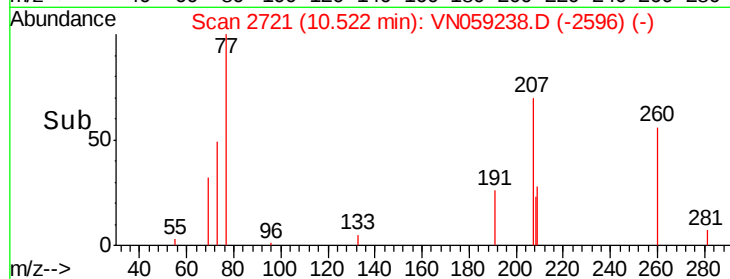
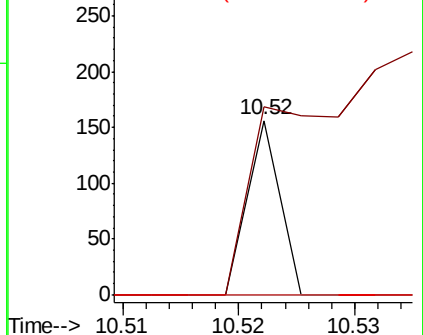
#56
Ethyl methacrylate
Concen: 1.876 ug/l
RT: 10.52 min Scan# 2721
Delta R.T. 0.10 min
Lab File: VN059238.D
Acq: 14 Nov 2019 16:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 69 Resp: 30
Ion Ratio Lower Upper
69 100
41 786.7 53.6 80.4#
39 0.0 26.2 39.4#

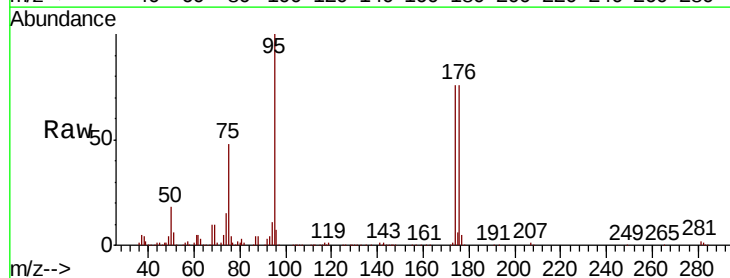


Abundance Ion 69.00 (68.70 to 69.70): VN0
Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

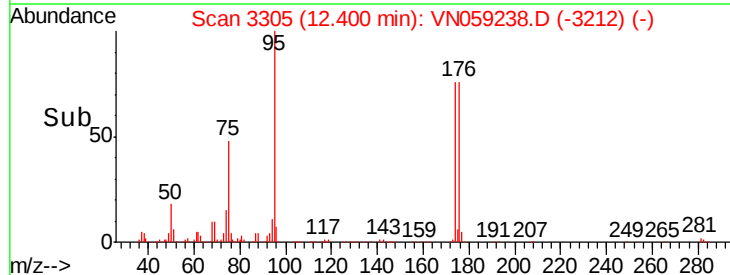
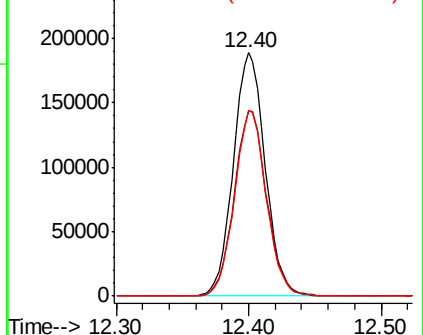


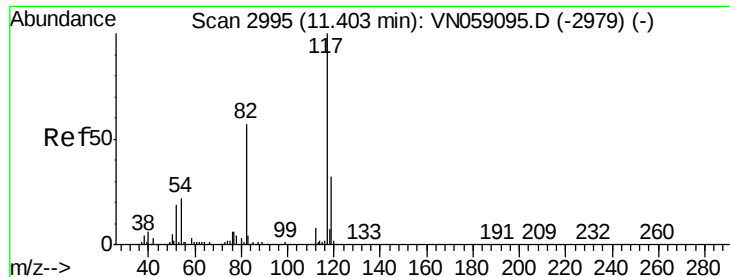
#62
4-Bromofluorobenzene
Concen: 47.788 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059238.D
Acq: 14 Nov 2019 16:50

Tgt Ion: 95 Resp: 314744
Ion Ratio Lower Upper
95 100
174 77.7 0.0 158.2
176 76.0 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

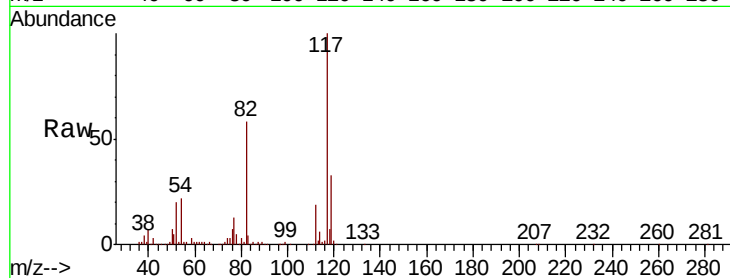
Tot Ion:117 Resp: 683588

Ion Ratio Lower Upper

117 100

82 57.6 45.8 68.8

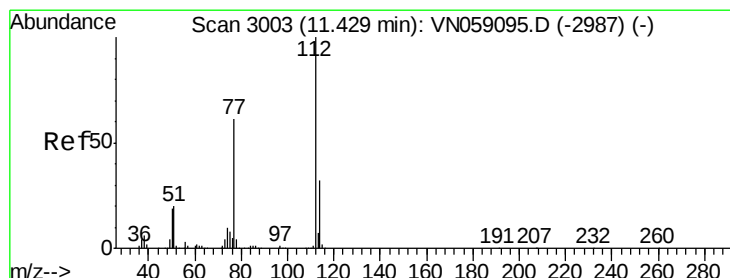
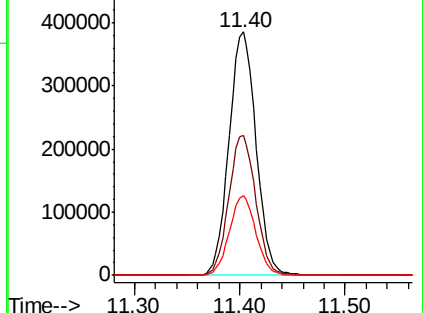
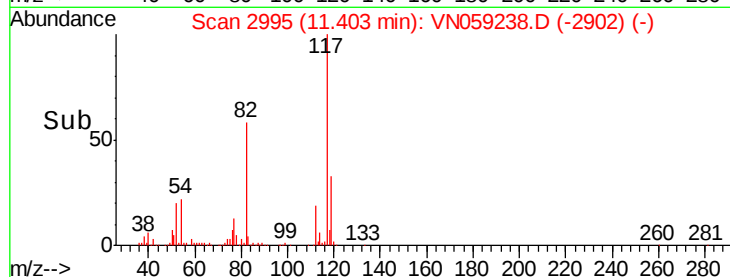
119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 112.236 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059238.D

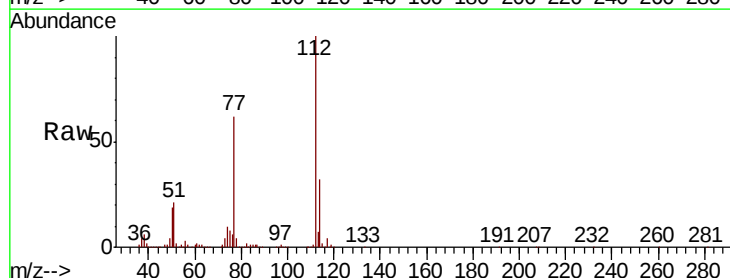
Acq: 14 Nov 2019 16:50

Tgt Ion:112 Resp: 1495636

Ion Ratio Lower Upper

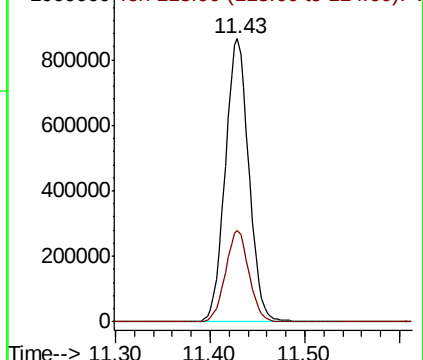
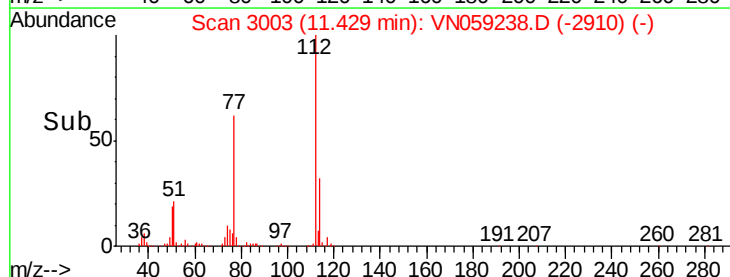
112 100

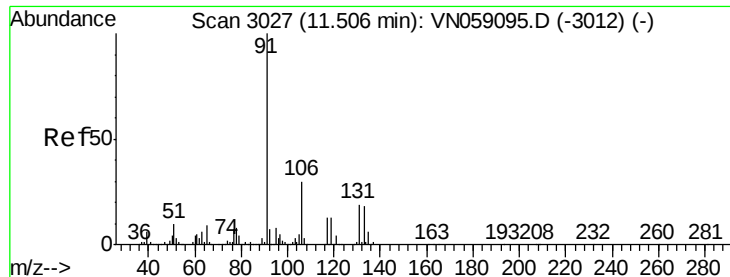
114 32.3 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 0.448 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

Instrument :

MSVOA_N

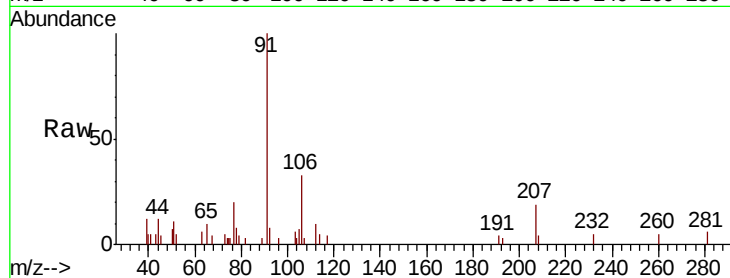
ClientSampleId :

Tot Ion: 91 Resp: 10583

Ion Ratio Lower Upper

91 100

106 32.6 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN059095.D (-3012) (-)

11.51

6000

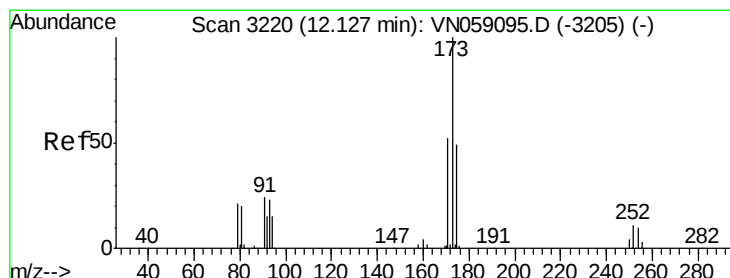
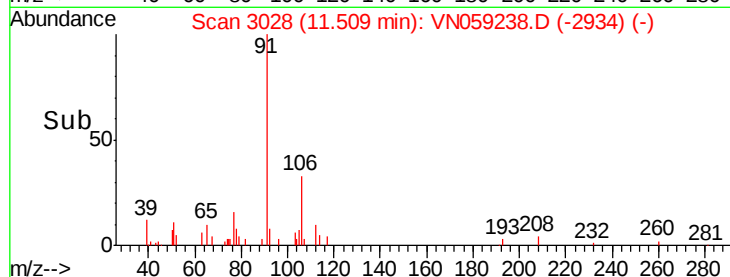
4000

2000

0

11.45 11.50 11.55

Time-->



#71

Bromoform

Concen: 0.425 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

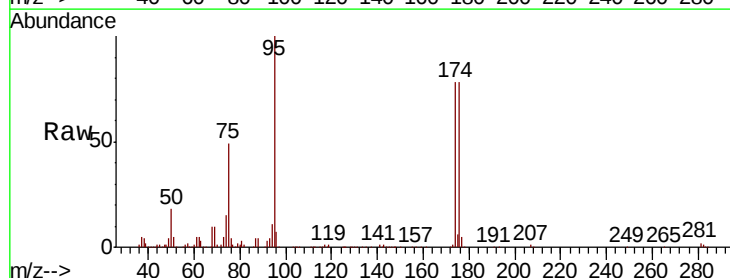
Tgt Ion: 173 Resp: 1651

Ion Ratio Lower Upper

173 100

175 944.5 24.2 72.6#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): VN059095.D (-3205) (-)

Ion 174.70 (174.40 to 175.40): VN059095.D (-3205) (-)

Ion 254.40 (254.10 to 255.10): VN059095.D (-3205) (-)

15000

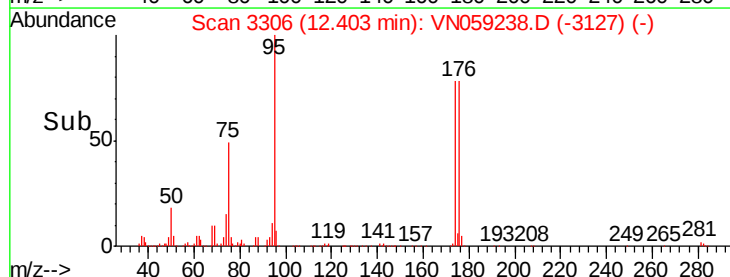
10000

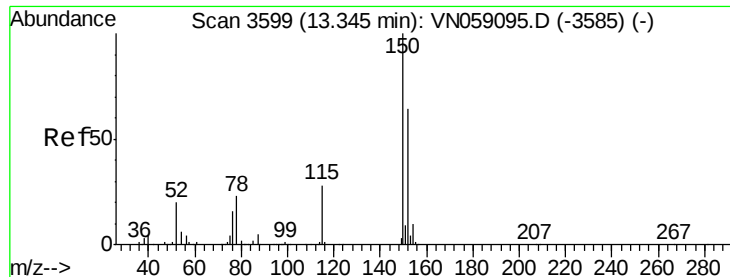
5000

0

12.36 12.38 12.40 12.42

Time-->



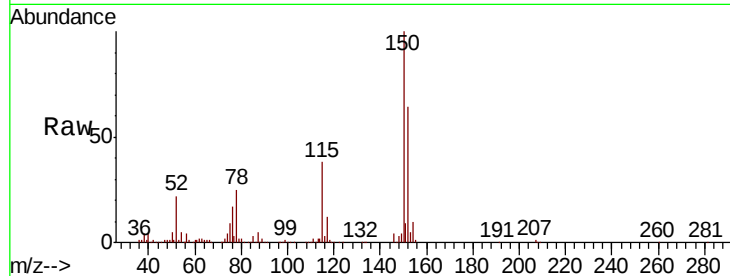


#72

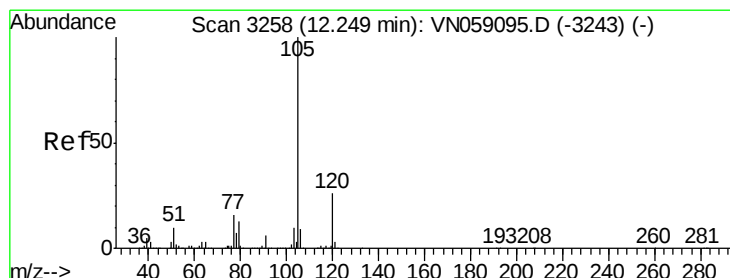
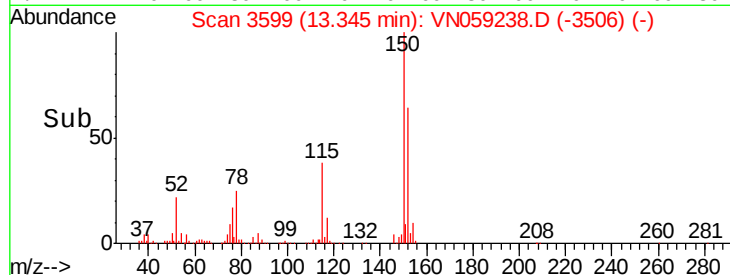
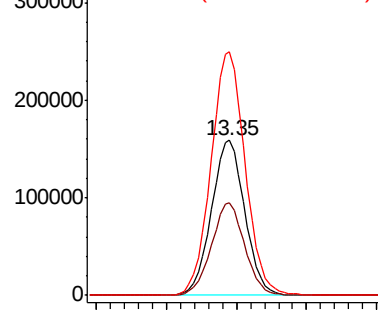
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059238.D
Acq: 14 Nov 2019 16:50

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 262981
Ion Ratio Lower Upper
152 100
115 59.3 29.4 88.2
150 160.5 0.0 345.8



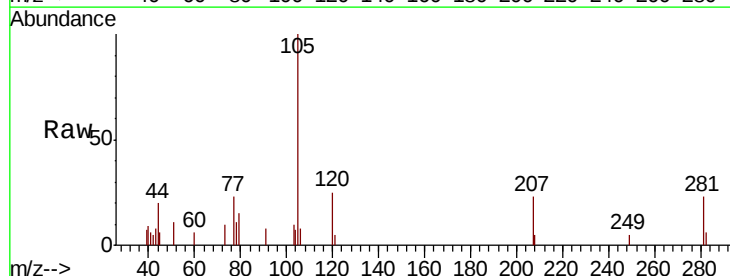
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



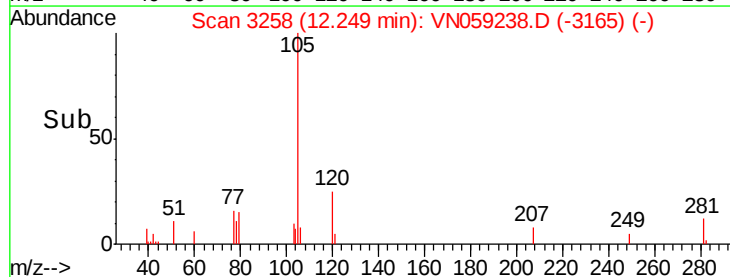
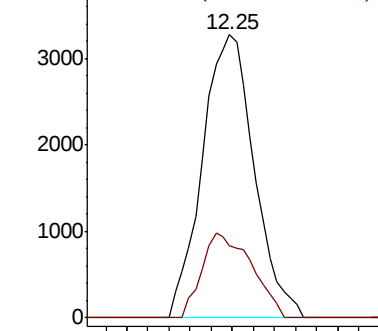
#73

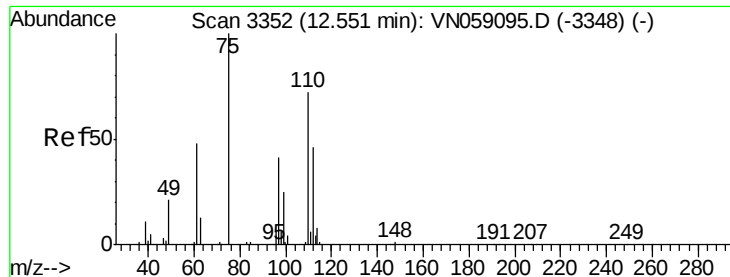
Isopropylbenzene
Concen: 0.292 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059238.D
Acq: 14 Nov 2019 16:50

Tgt Ion:105 Resp: 5594
Ion Ratio Lower Upper
105 100
120 28.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 25.916 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

Instrument :

MSVOA_N

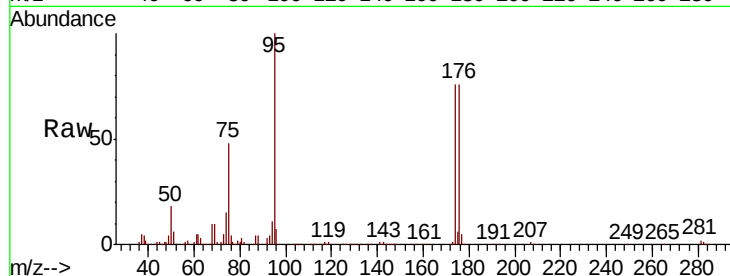
ClientSampleId :

Tot Ion: 75 Resp: 155163

Ion Ratio Lower Upper

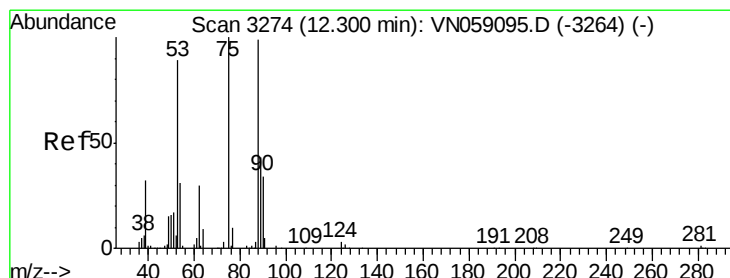
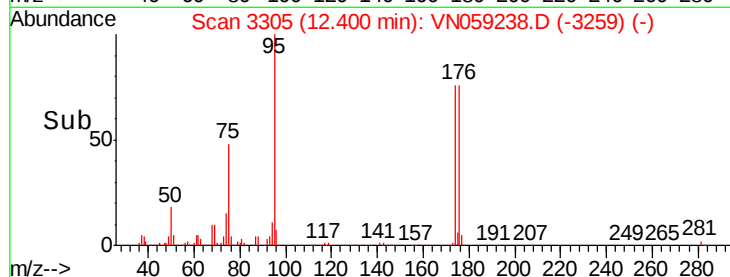
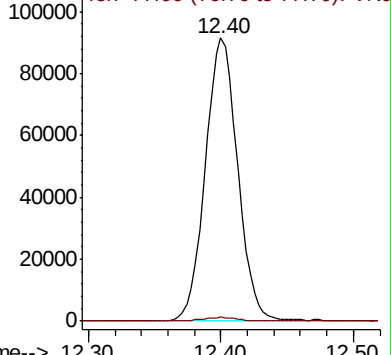
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 68.451 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

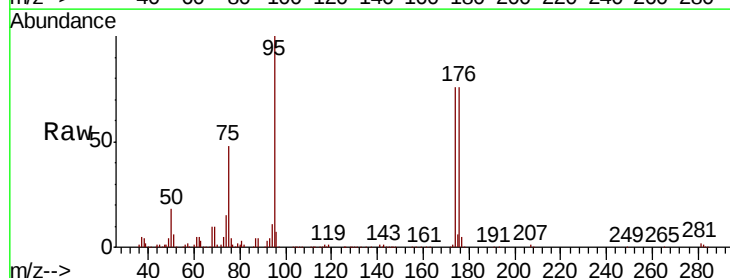
Tgt Ion: 75 Resp: 155163

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

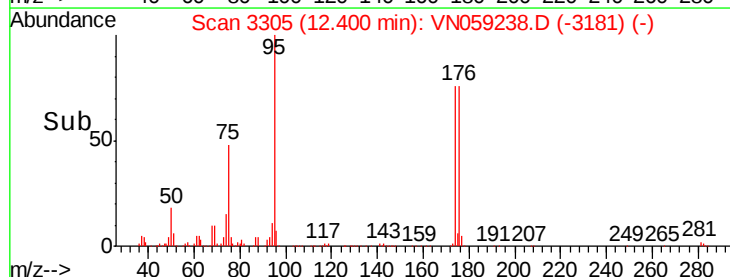
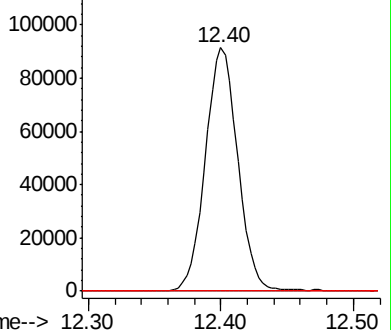
89 0.0 35.8 53.8#

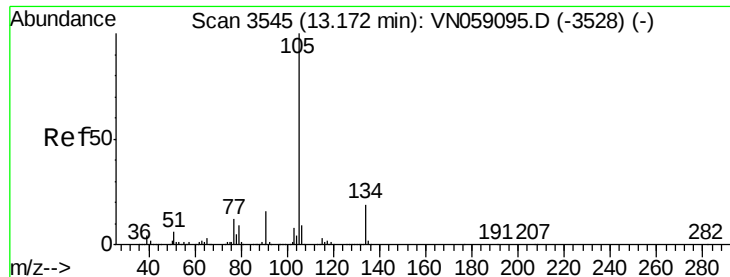


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#85

sec-Butylbenzene

Concen: 0.280 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

Instrument :

MSVOA_N

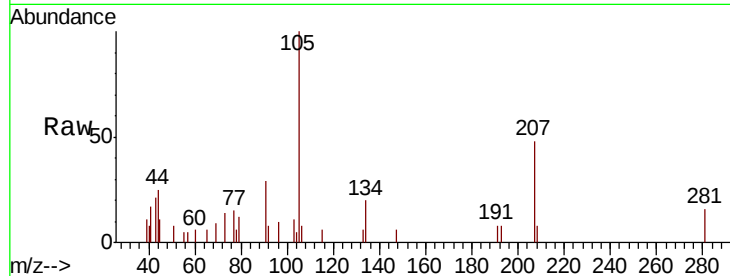
ClientSampled :

Tot Ion:105 Resp: 5090

Ion Ratio Lower Upper

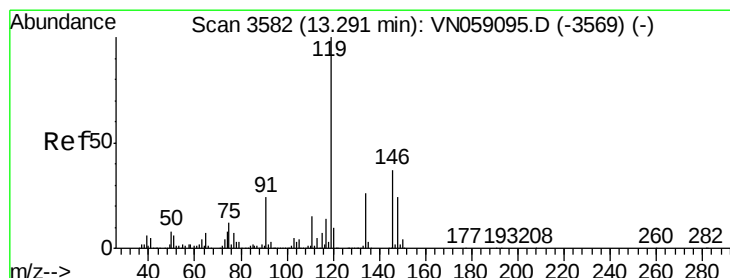
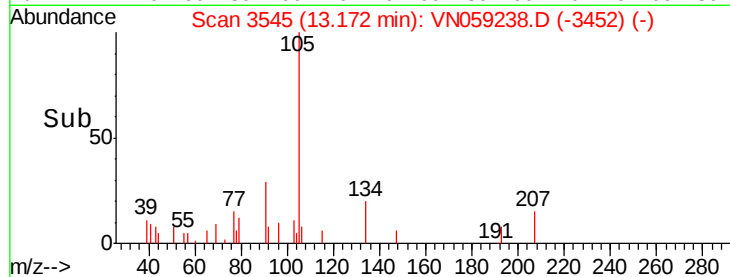
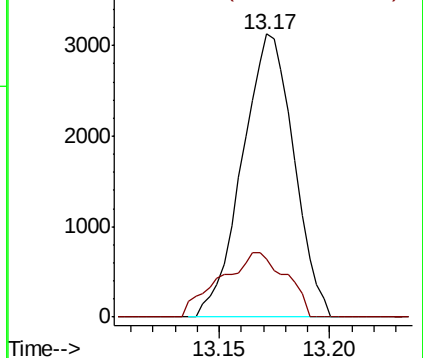
105 100

134 29.0 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.228 ug/l

RT: 13.44 min Scan# 3630

Delta R.T. 0.15 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

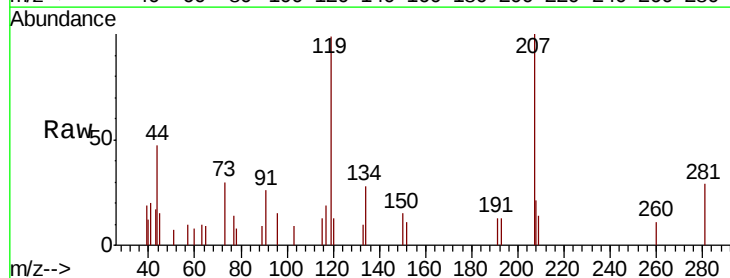
Tgt Ion:119 Resp: 3657

Ion Ratio Lower Upper

119 100

134 25.2 13.0 38.9

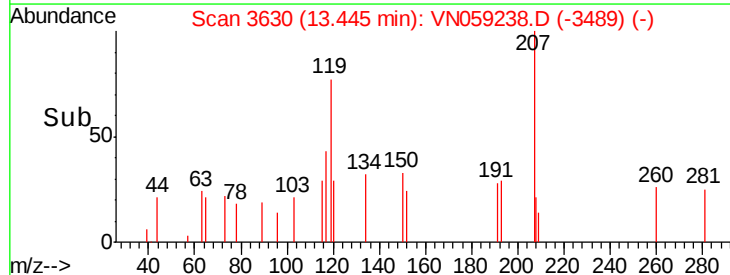
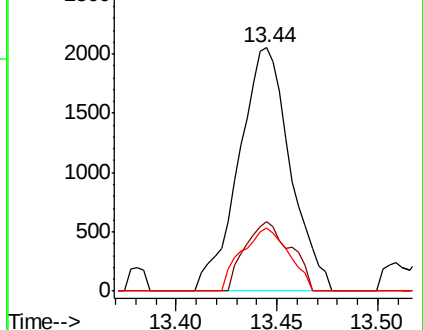
91 23.9 11.7 35.1

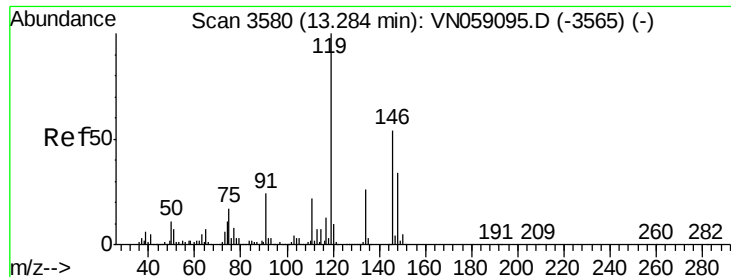


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

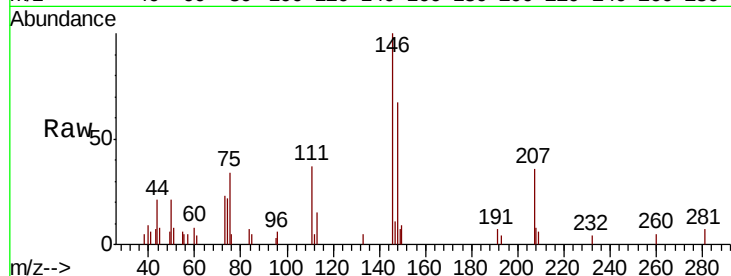




#87
 1,3-Dichlorobenzene
 Concen: 0.876 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059238.D
 Acq: 14 Nov 2019 16:50

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.3
148	68.2	32.2	96.6

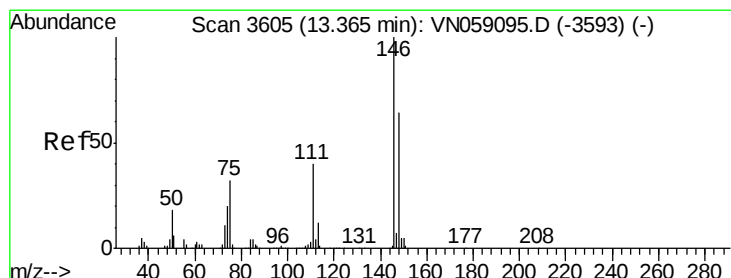
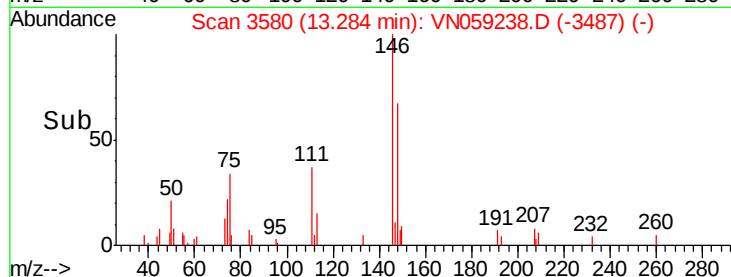
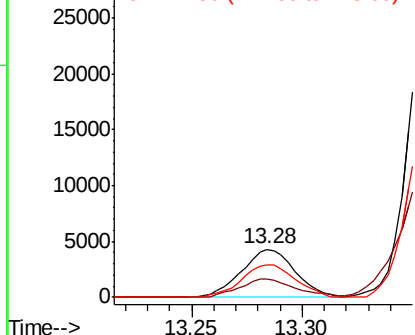


Abundance

Ion 145.90 (145.60 to 146.60): V

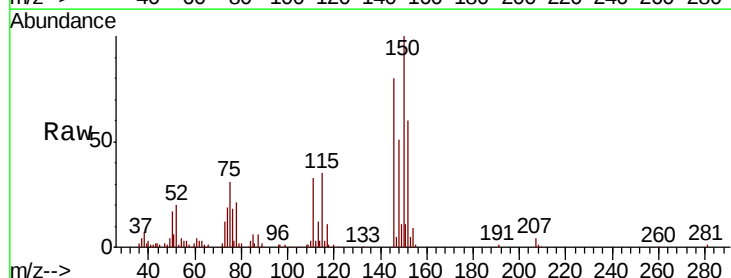
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 8.191 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059238.D
 Acq: 14 Nov 2019 16:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.7	20.3	60.9
148	64.5	31.9	95.7

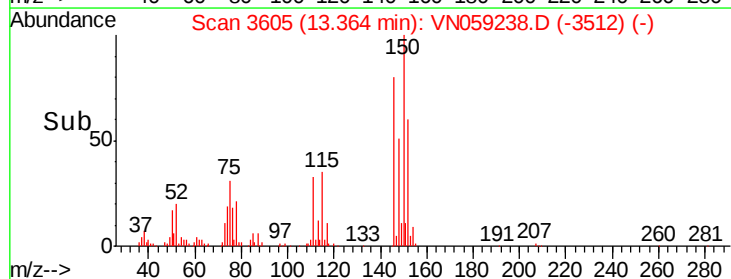
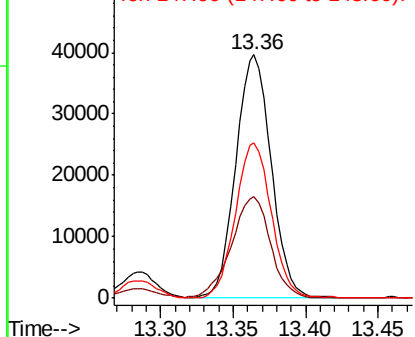


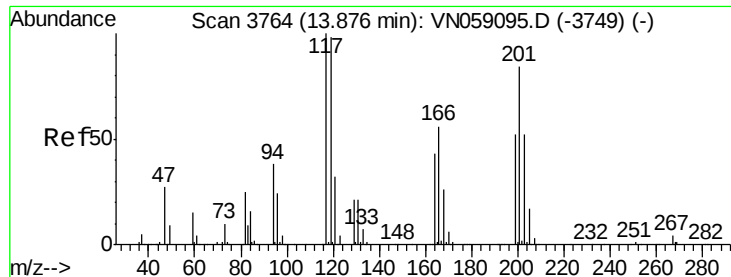
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#90

Hexachloroethane

Concen: 0.732 ug/l

RT: 13.95 min Scan# 3788

Delta R.T. 0.08 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

Instrument :

MSVOA_N

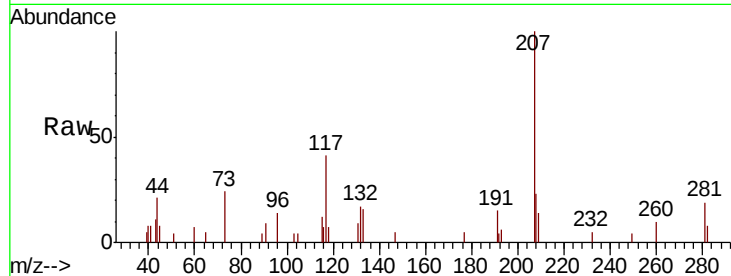
ClientSampled :

Tot Ion:117 Resp: 2362

Ion Ratio Lower Upper

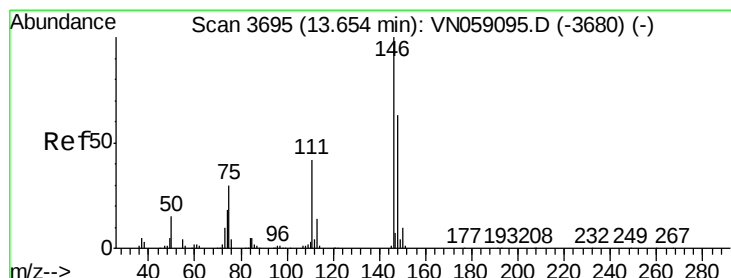
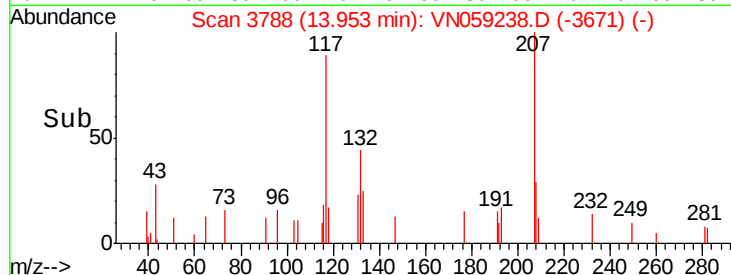
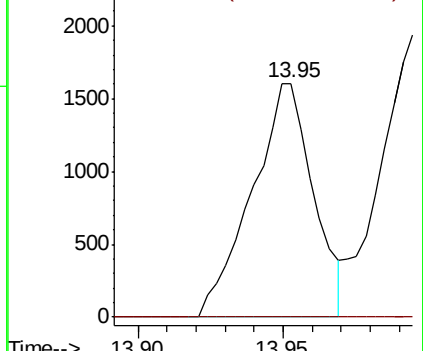
117 100

201 0.0 41.8 125.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.454 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

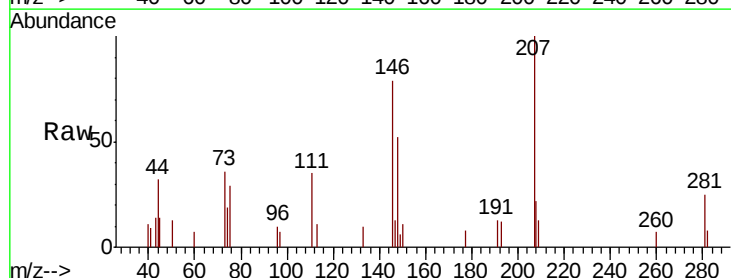
Tgt Ion:146 Resp: 3676

Ion Ratio Lower Upper

146 100

111 40.0 21.2 63.6

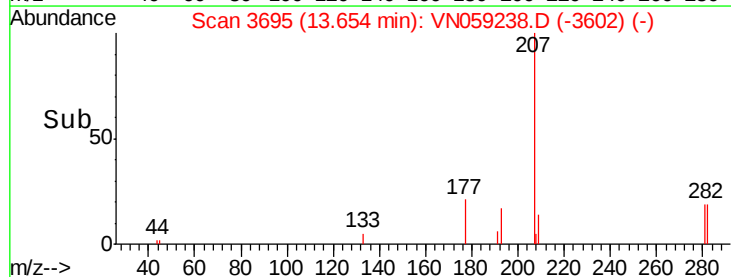
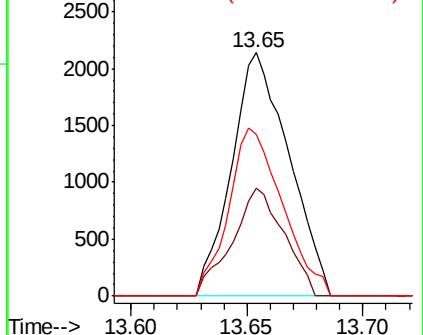
148 64.5 31.6 94.7

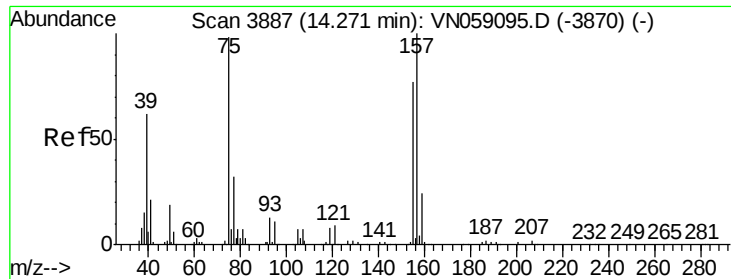


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.276 ug/l

RT: 14.26 min Scan# 3884

Delta R.T. -0.01 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

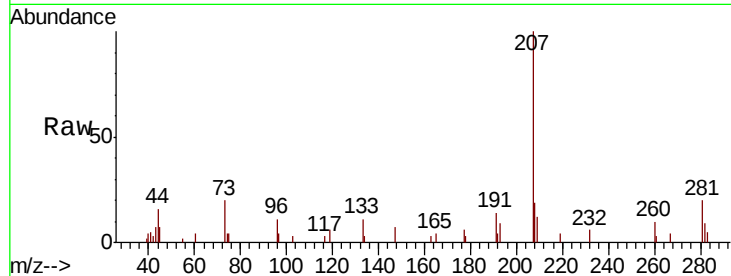
Tot Ion: 75 Resp: 325

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

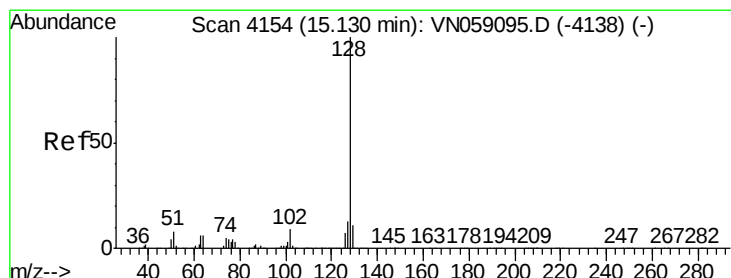
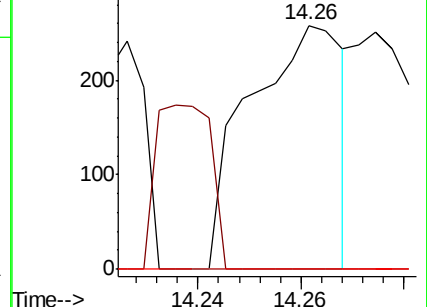
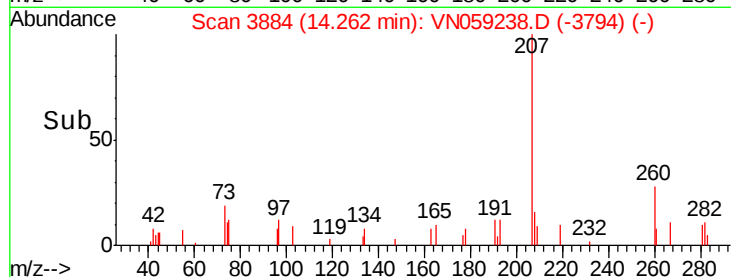
157 0.0 51.8 155.5#



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) (-)



#95

Naphthalene

Concen: 3.086 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059238.D

Acq: 14 Nov 2019 16:50

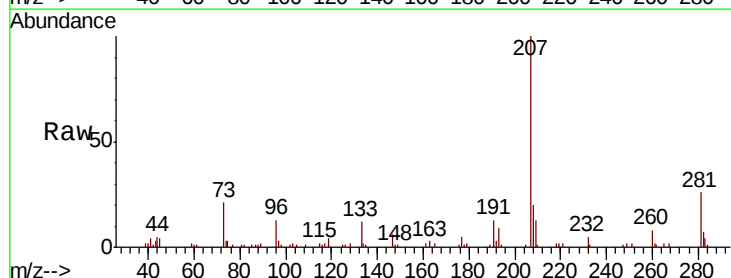
Tgt Ion: 128 Resp: 594

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 5.2 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VN059095.D (-4138) (-)

Ion 127.00 (126.70 to 127.70): VN059095.D (-4138) (-)

Ion 129.00 (128.70 to 129.70): VN059095.D (-4138) (-)

