

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
 Data File : VN057198.D
 Acq On : 11 Aug 2019 19:31
 Operator : JC/SP
 Sample : K4244-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BERGEN-SP-2

Quant Time: Aug 12 05:58:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1311232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1858372	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1576820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	425591	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	617838	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
35) Dibromofluoromethane	6.99	113	560693	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
50) Toluene-d8	9.56	98	2177338	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.92	95	589463	41.01	ug/l	0.00
Spiked Amount			Recovery	=	82.02%	

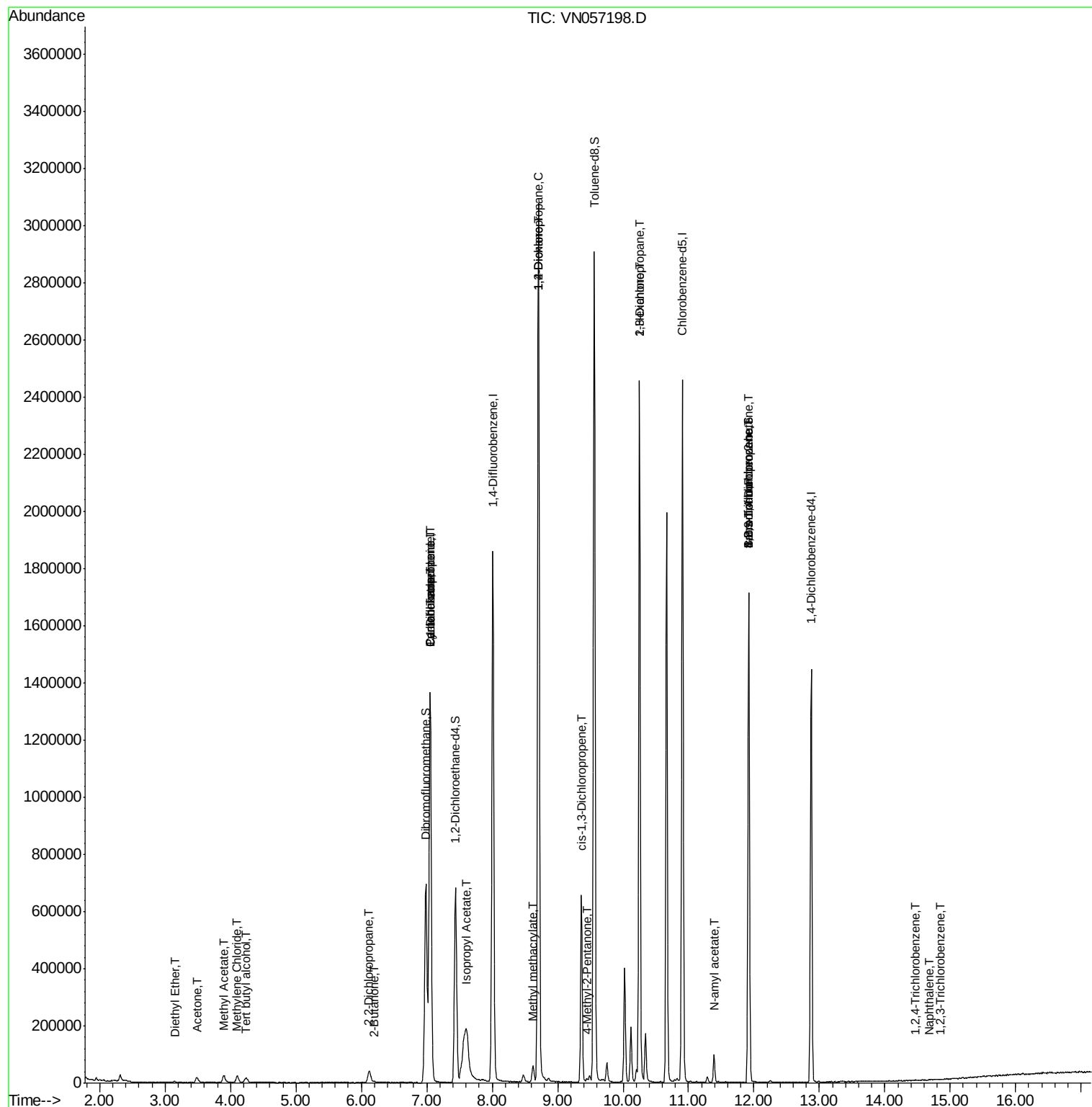
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.15	74	1948	0.270	ug/l	55
11) Tert butyl alcohol	4.24	59	14023	7.308	ug/l #	75
16) Acetone	3.48	43	28318	6.953	ug/l	99
18) Methyl Acetate	3.90	43	47513	3.302	ug/l	96
20) Methylene Chloride	4.10	84	16933	1.260	ug/l	95
25) 2-Butanone	6.21	43	2167	0.348	ug/l #	89
26) 2,2-Dichloropropane	6.12	77	3574	0.226	ug/l #	51
31) Cyclohexane	7.05	56	18961	0.969	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	78892	5.156	ug/l #	50
38) Carbon Tetrachloride	7.05	117	110340	6.920	ug/l #	17
43) Isopropyl Acetate	7.60	43	417429	19.393	ug/l #	51
45) 1,2-Dichloropropane	8.71	63	4371	0.349	ug/l #	43
48) Methyl methacrylate	8.62	41	21471	2.115	ug/l #	10
49) 1,4-Dioxane	8.69	88	173	0.837	ug/l #	1
51) 4-Methyl-2-Pentanone	9.45	43	8362	0.668	ug/l	96
54) cis-1,3-Dichloropropene	9.36	75	130073	6.973	ug/l #	62
57) 1,3-Dichloropropane	10.25	76	26209	1.344	ug/l #	42
59) 2-Hexanone	10.25	43	336044	39.636	ug/l #	50
71) Bromoform	11.92	173	3071	0.353	ug/l #	1
73) Isopropylbenzene	11.75	105	104	Below Cal	#	48
74) N-amyl acetate	11.39	43	28584	2.650	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	11.91	83	220	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.92	75	272733	31.751	ug/l #	100
79) 2-Chlorotoluene	12.11	91	417	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	11.92	75	272733	94.225	ug/l #	14
83) tert-Butylbenzene	12.53	119	107	Below Cal	#	28
90) Hexachloroethane	13.23	117	184	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.46	180	72	5.940	ug/l #	9
94) Hexachlorobutadiene	14.55	225	77	Below Cal	#	19
95) Naphthalene	14.68	128	292	2.829	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.84	180	74	5.731	ug/l #	29

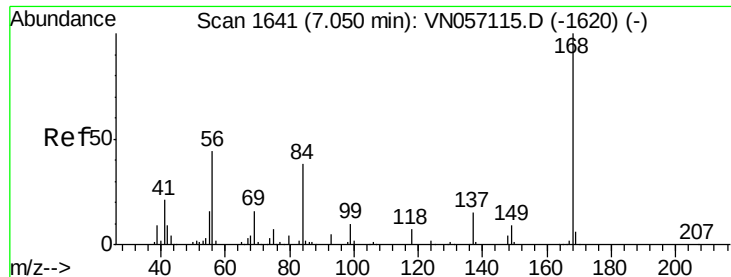
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

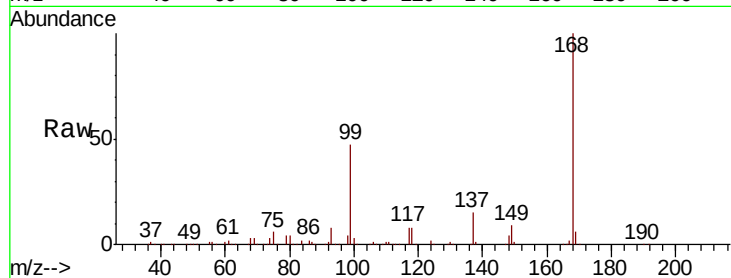
BERGEN-SP-2

Tgt Ion:168 Resp: 1311232

Ion Ratio Lower Upper

168 100

99 47.5 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

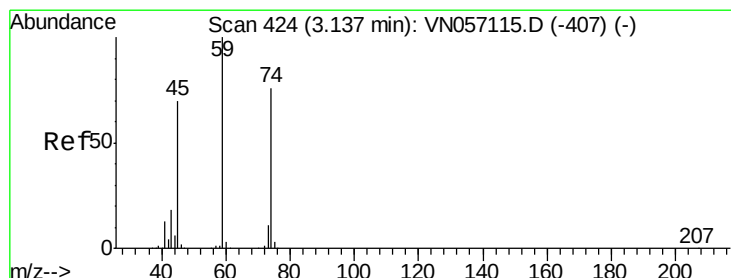
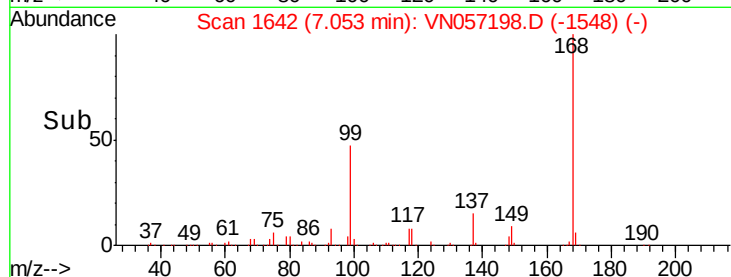
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.270 ug/l

RT: 3.15 min Scan# 427

Delta R.T. 0.01 min

Lab File: VN057198.D

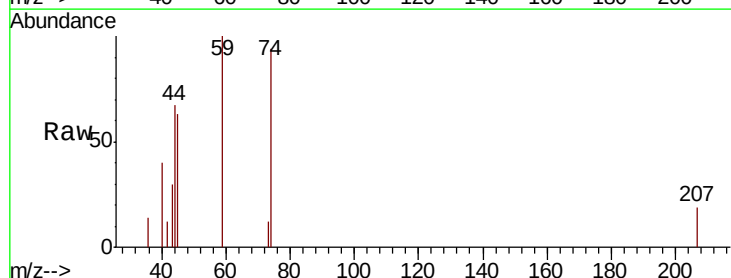
Acq: 11 Aug 2019 19:31

Tgt Ion: 74 Resp: 1948

Ion Ratio Lower Upper

74 100

45 49.4 46.3 138.8



Abundance Ion 74.00 (73.70 to 74.70): VN057115.D (-407) (-)

Ion 45.00 (44.70 to 45.70): VN057115.D (-407) (-)

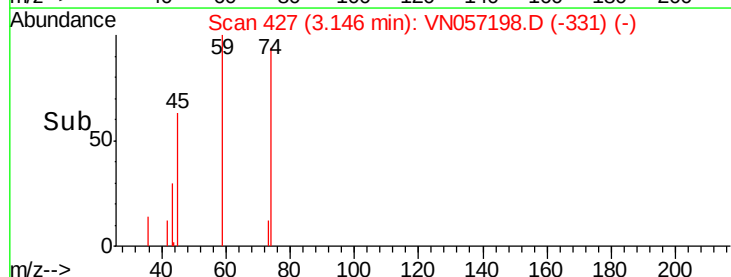
3.15

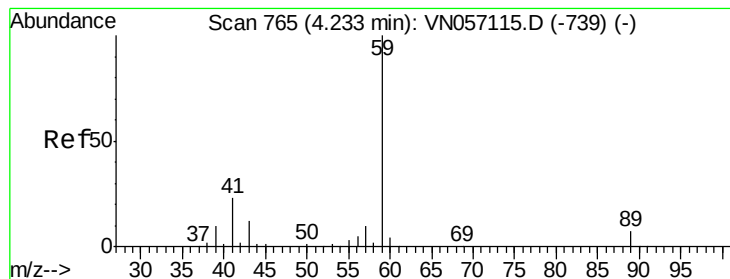
1000

500

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Time-->



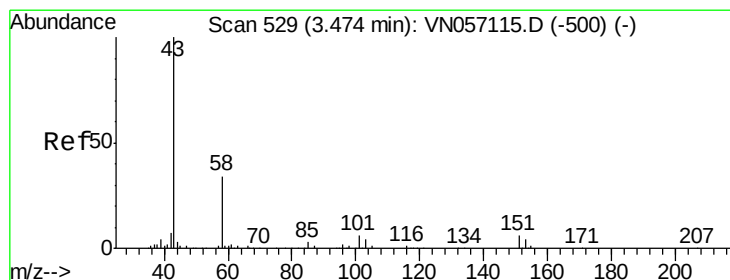
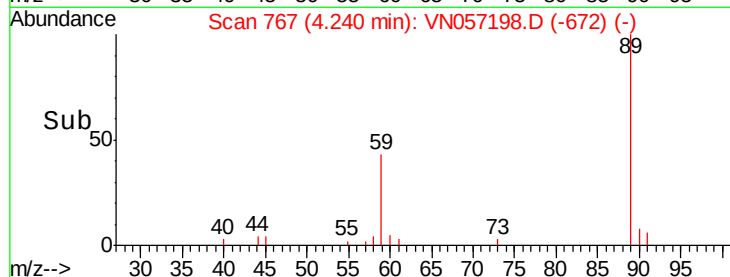
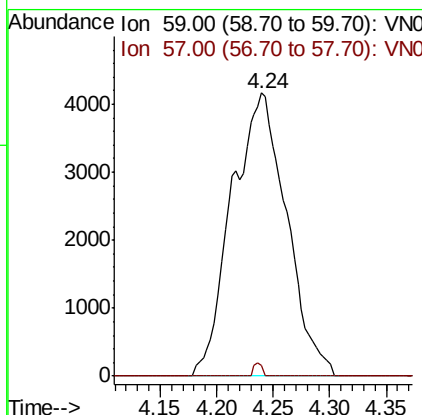
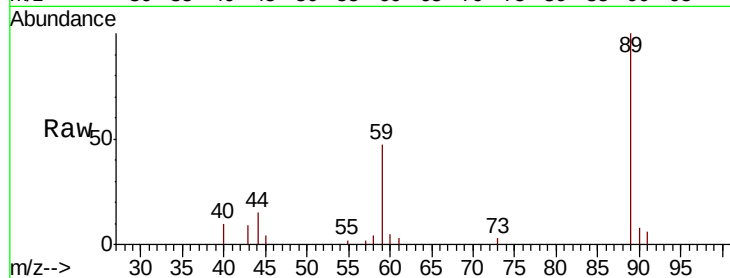


#11

Tert butyl alcohol
 Concen: 7.308 ug/l
 RT: 4.24 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VN057198.D
 Acq: 11 Aug 2019 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 BERGEN-SP-2

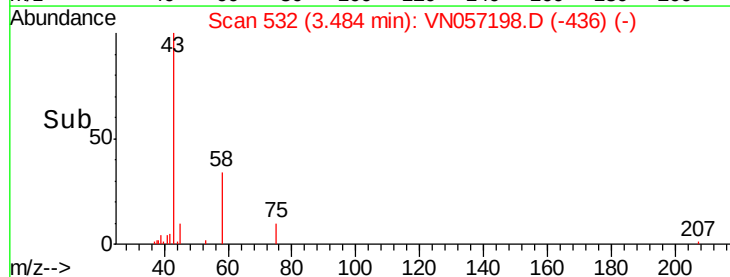
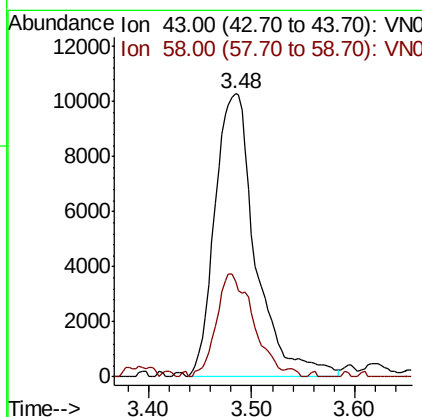
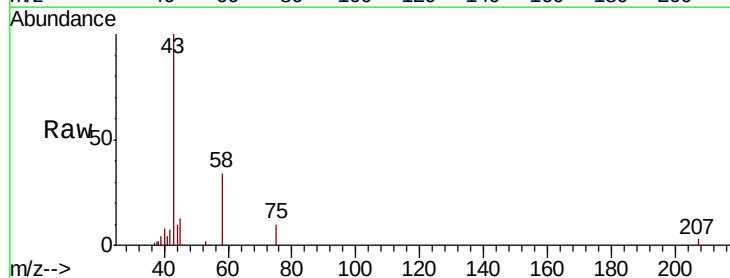
Tgt Ion: 59 Resp: 14023
 Ion Ratio Lower Upper
 59 100
 57 0.7 7.9 11.9#

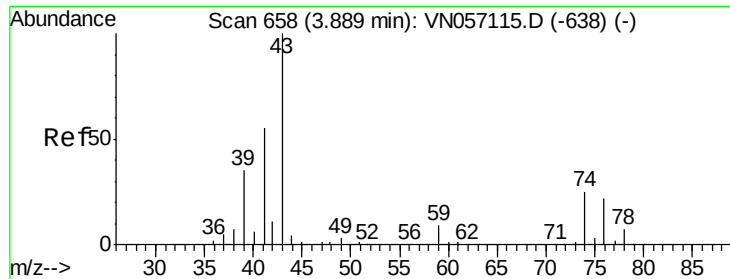


#16

Acetone
 Concen: 6.953 ug/l
 RT: 3.48 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VN057198.D
 Acq: 11 Aug 2019 19:31

Tgt Ion: 43 Resp: 28318
 Ion Ratio Lower Upper
 43 100
 58 33.6 27.4 41.2

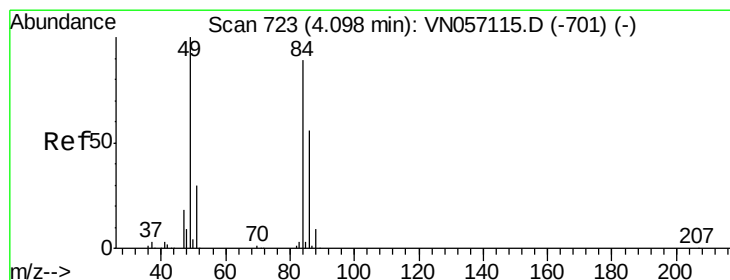
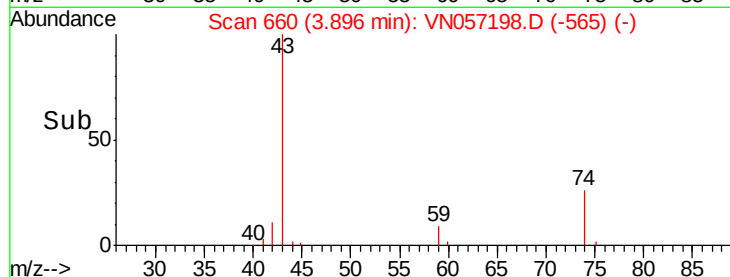
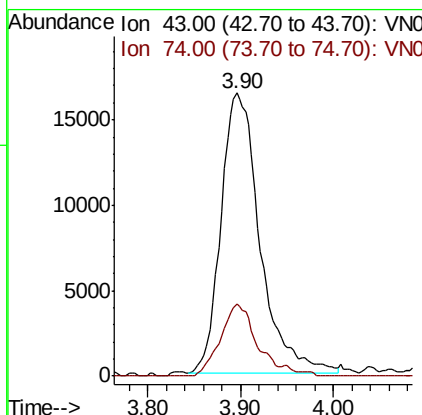
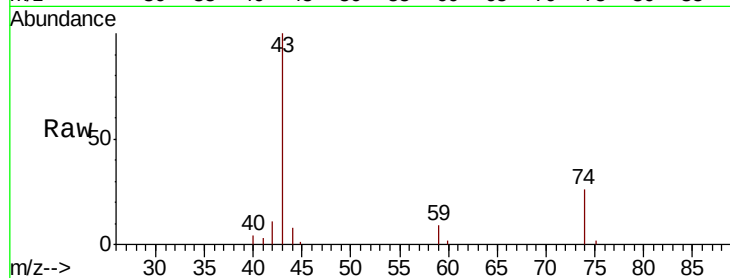




#18
Methyl Acetate
Concen: 3.302 ug/l
RT: 3.90 min Scan# 660
Delta R.T. 0.01 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

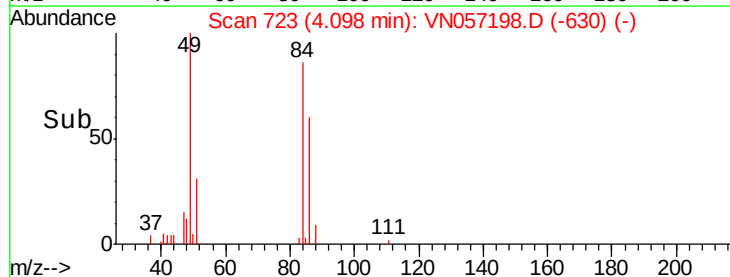
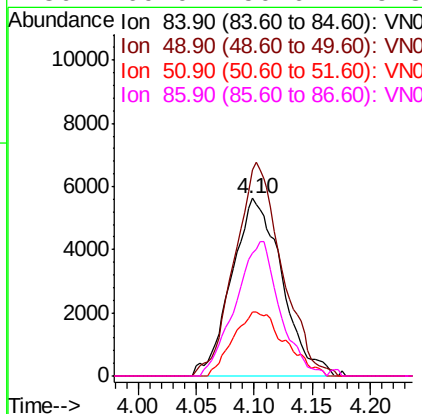
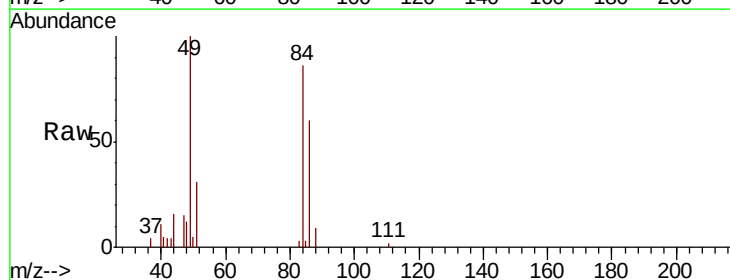
Instrument :
MSVOA_N
ClientSampled :
BERGEN-SP-2

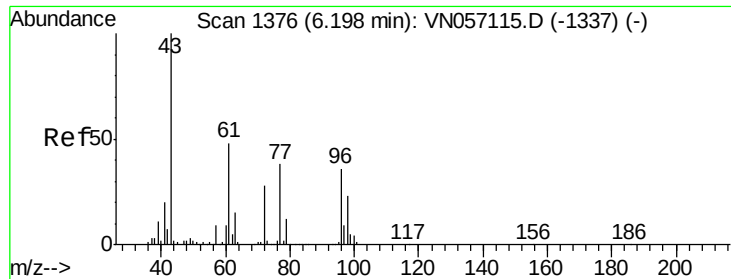
Tgt Ion: 43 Resp: 47513
Ion Ratio Lower Upper
43 100
74 23.2 20.2 30.4



#20
Methylene Chloride
Concen: 1.260 ug/l
RT: 4.10 min Scan# 723
Delta R.T. 0.00 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

Tgt Ion: 84 Resp: 16933
Ion Ratio Lower Upper
84 100
49 115.9 89.5 134.3
51 36.2 27.2 40.8
86 69.0 50.6 75.8

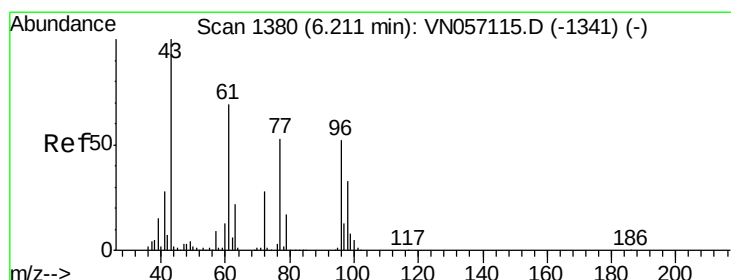
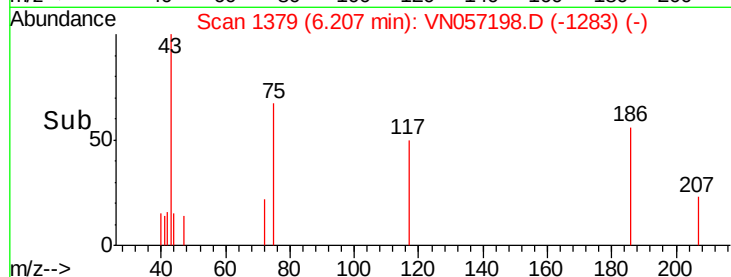
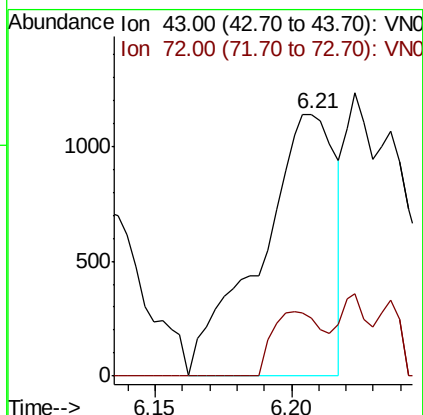
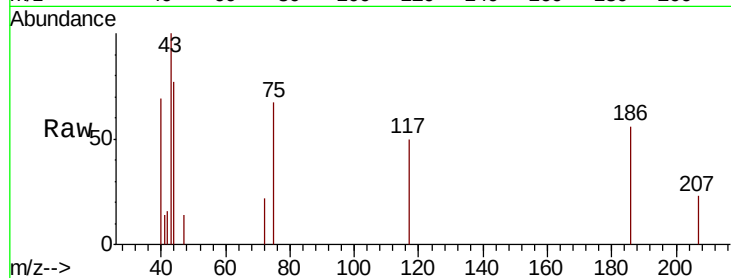




#25
2-Butanone
Concen: 0.348 ug/l
RT: 6.21 min Scan# 1379
Delta R.T. 0.01 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

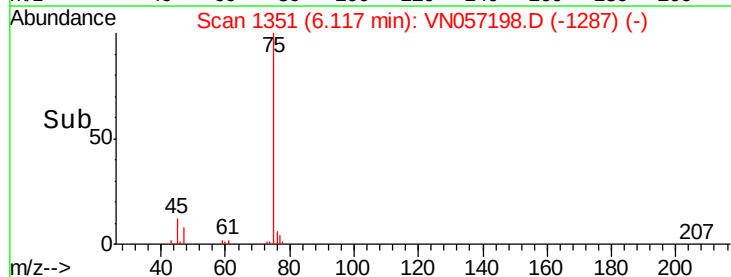
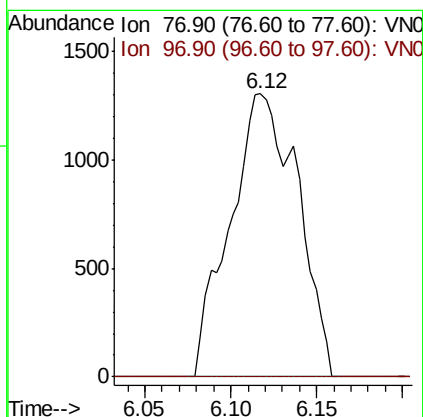
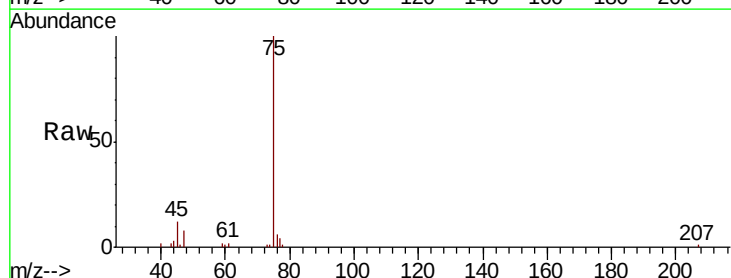
Instrument :
MSVOA_N
ClientSampled :
BERGEN-SP-2

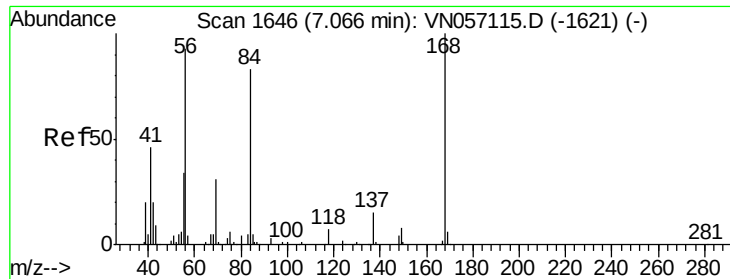
Tgt Ion: 43 Resp: 2167
Ion Ratio Lower Upper
43 100
72 22.0 22.2 33.4#



#26
2,2-Dichloropropane
Concen: 0.226 ug/l
RT: 6.12 min Scan# 1351
Delta R.T. -0.09 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

Tgt Ion: 77 Resp: 3574
Ion Ratio Lower Upper
77 100
97 0.0 12.3 36.8#

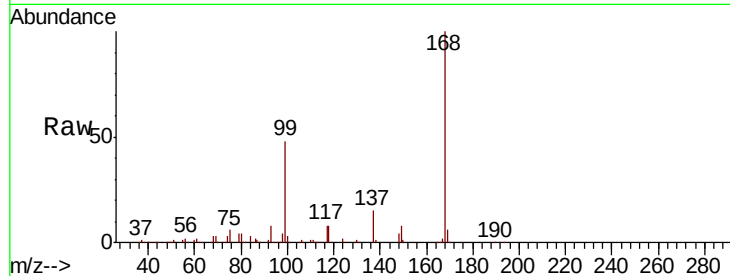




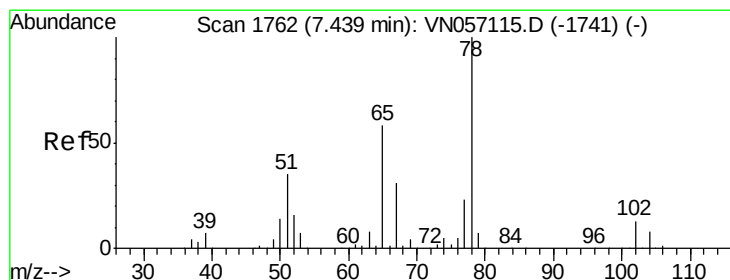
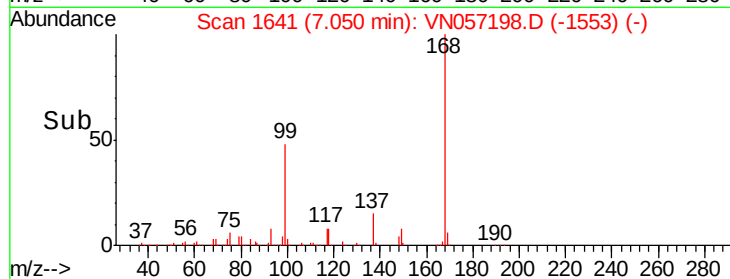
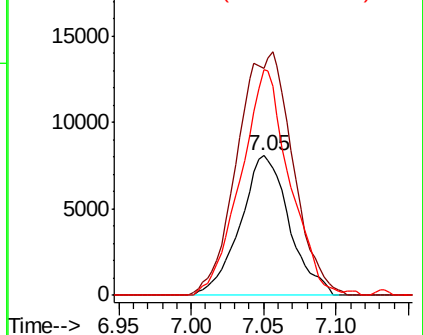
#31
Cyclohexane
Concen: 0.969 ug/l
RT: 7.05 min Scan# 1641
Delta R.T. -0.02 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :
BERGEN-SP-2

Tgt Ion: 56 Resp: 18961
Ion Ratio Lower Upper
56 100
69 162.7 26.9 40.3#
84 161.6 71.9 107.9#

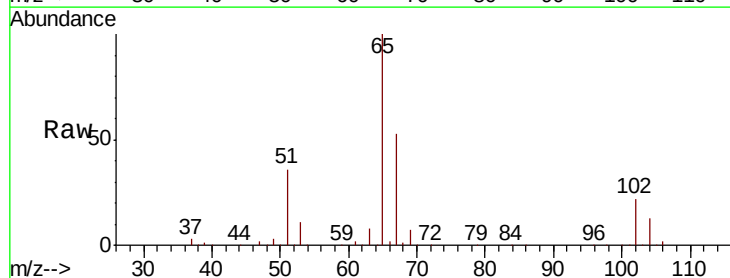


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

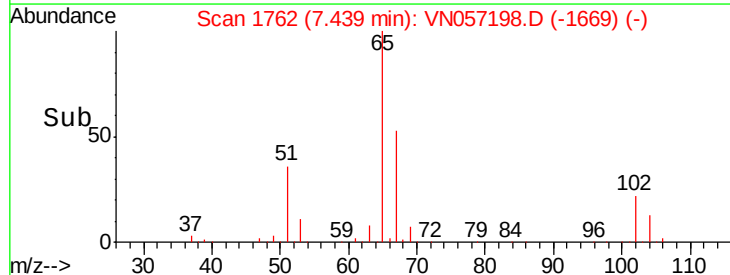
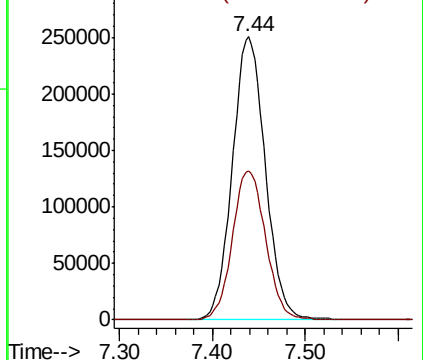


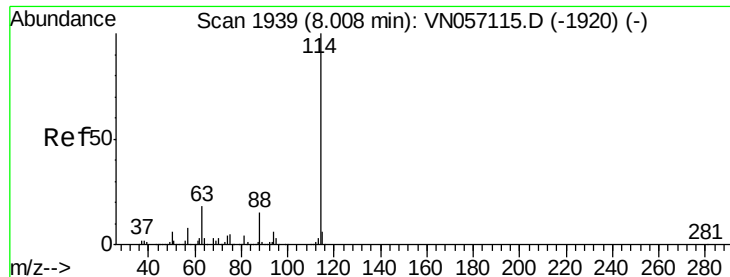
#33
1,2-Dichloroethane-d4
Concen: 45.816 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

Tgt Ion: 65 Resp: 617838
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.2



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

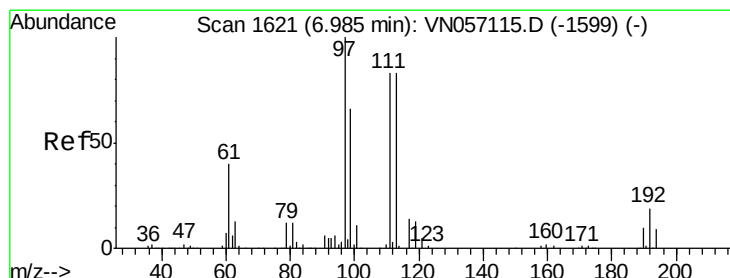
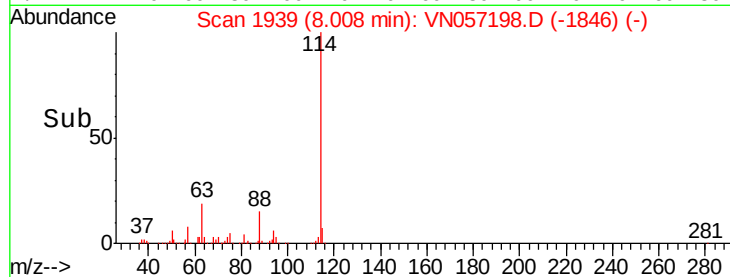
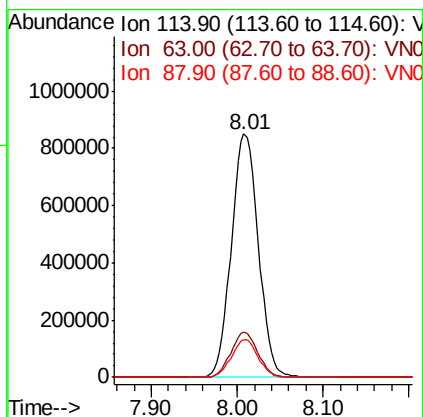
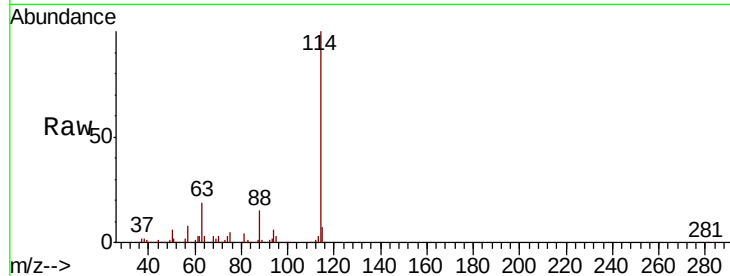




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN057198.D
 Acq: 11 Aug 2019 19:31

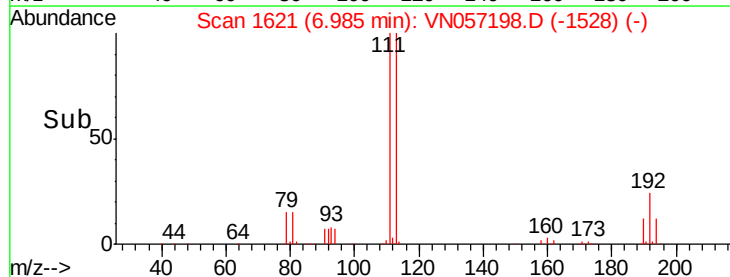
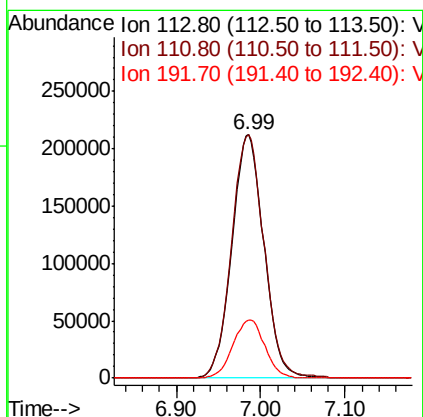
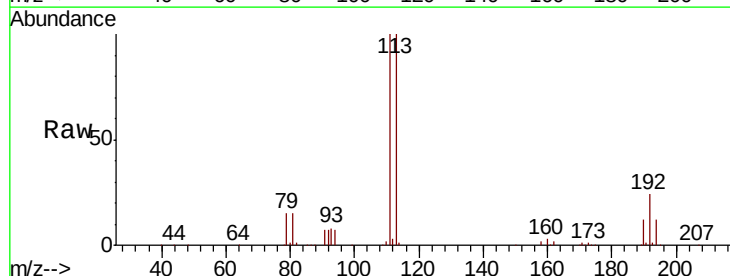
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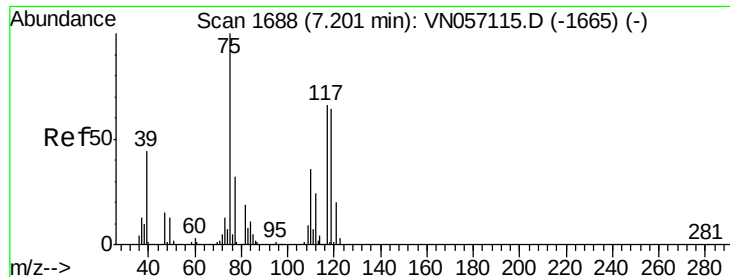
Tgt Ion:114 Resp: 1858372
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 15.3 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.080 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VN057198.D
 Acq: 11 Aug 2019 19:31

Tgt Ion:113 Resp: 560693
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.3 121.9
 192 23.9 19.0 28.4





#36

1,1-Dichloropropene

Concen: 5.156 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. -0.15 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

BERGEN-SP-2

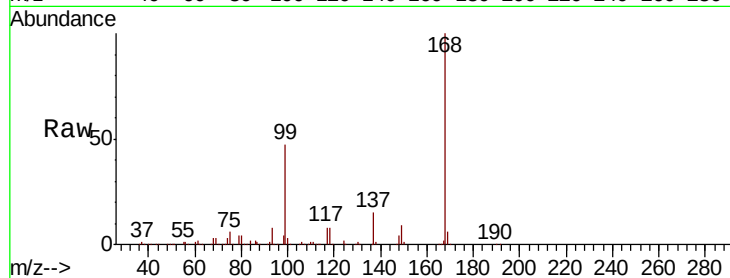
Tgt Ion: 75 Resp: 78892

Ion Ratio Lower Upper

75 100

110 10.3 18.7 56.1#

77 0.0 25.0 37.4#

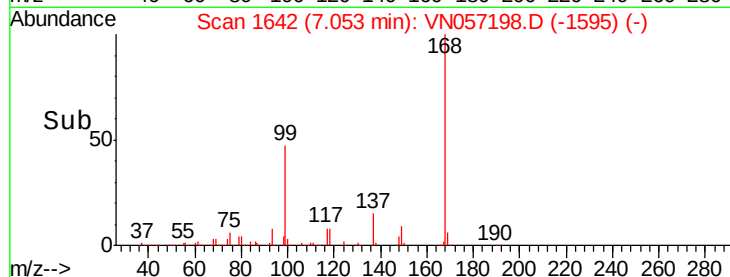


Abundance Ion 74.90 (74.60 to 75.60): VN057115.D (-1665) (-)

Ion 109.90 (109.60 to 110.60): VN057115.D (-1665) (-)

Ion 76.90 (76.60 to 77.60): VN057115.D (-1665) (-)

Time-->

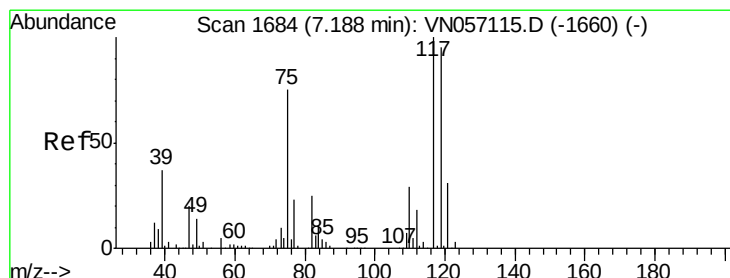


Abundance Ion 74.90 (74.60 to 75.60): VN057115.D (-1665) (-)

Ion 109.90 (109.60 to 110.60): VN057115.D (-1665) (-)

Ion 76.90 (76.60 to 77.60): VN057115.D (-1665) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.920 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. -0.14 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

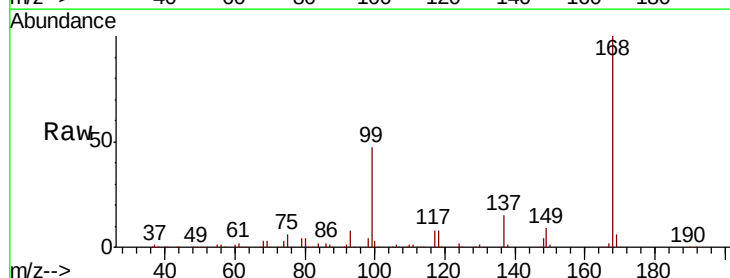
Tgt Ion: 117 Resp: 110340

Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.6#

121 0.0 24.4 36.6#

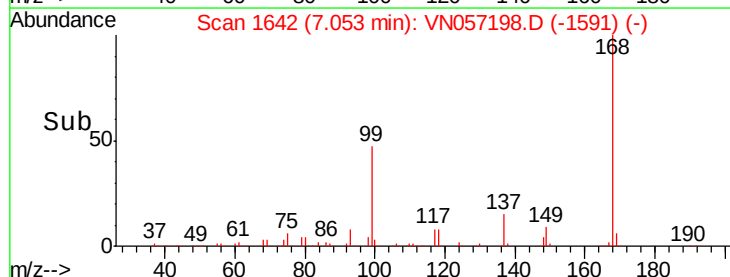


Abundance Ion 116.80 (116.50 to 117.50): VN057115.D (-1660) (-)

Ion 118.80 (118.50 to 119.50): VN057115.D (-1660) (-)

Ion 120.80 (120.50 to 121.50): VN057115.D (-1660) (-)

Time-->

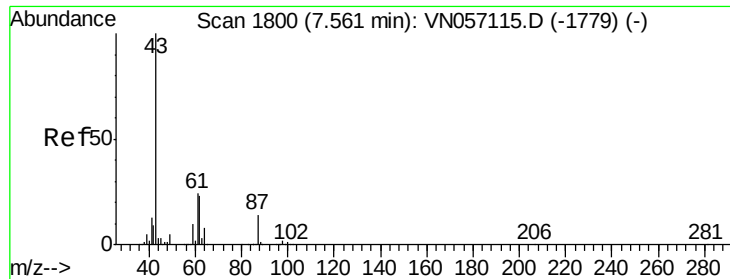


Abundance Ion 116.80 (116.50 to 117.50): VN057115.D (-1660) (-)

Ion 118.80 (118.50 to 119.50): VN057115.D (-1660) (-)

Ion 120.80 (120.50 to 121.50): VN057115.D (-1660) (-)

Time-->

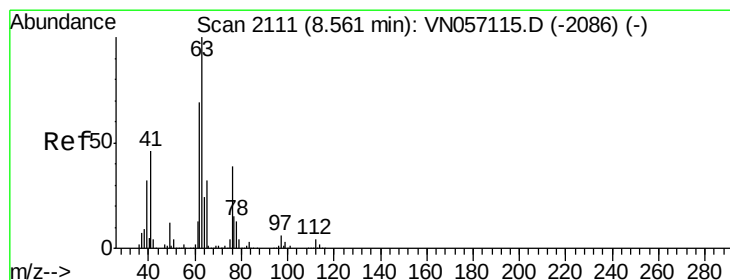
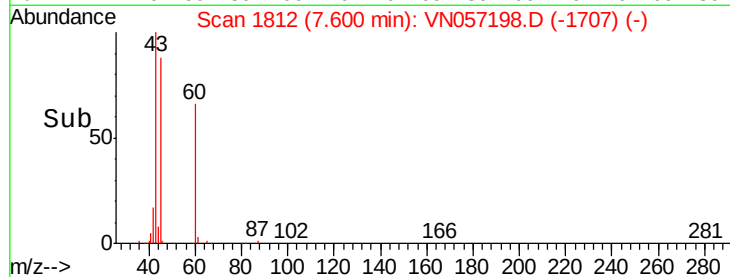
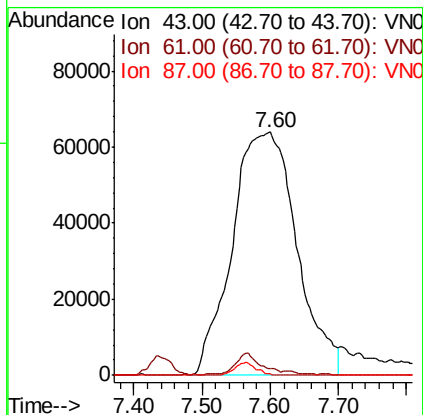
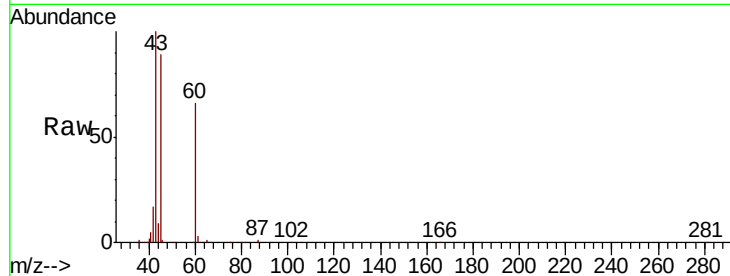


#43

Isopropyl Acetate
 Concen: 19.393 ug/l
 RT: 7.60 min Scan# 1812
 Delta R.T. 0.04 min
 Lab File: VN057198.D
 Acq: 11 Aug 2019 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 BERGEN-SP-2

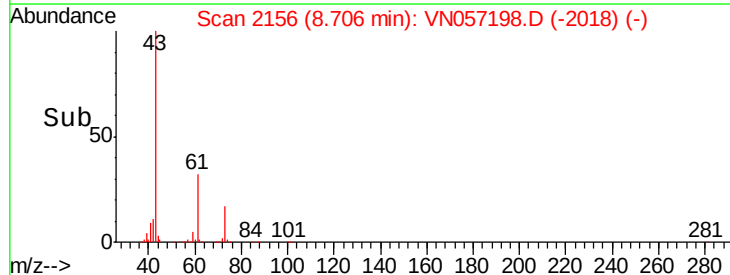
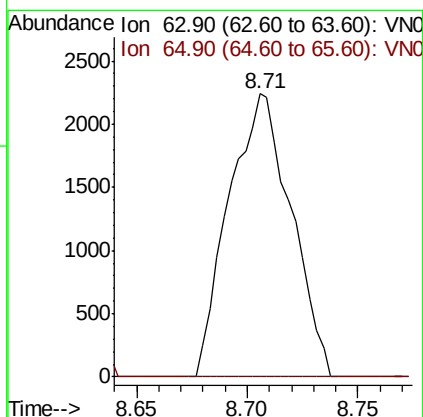
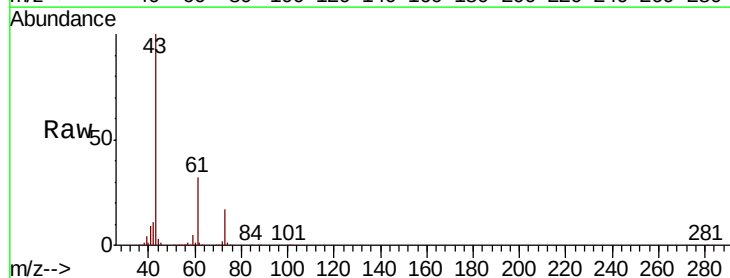
Tgt Ion: 43 Resp: 417429
 Ion Ratio Lower Upper
 43 100
 61 0.0 24.2 36.2#
 87 0.0 11.8 17.8#

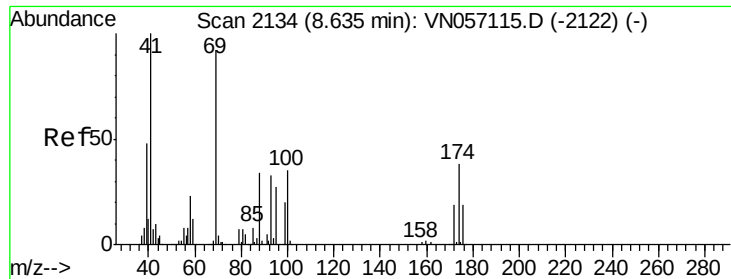


#45

1,2-Dichloropropane
 Concen: 0.349 ug/l
 RT: 8.71 min Scan# 2156
 Delta R.T. 0.14 min
 Lab File: VN057198.D
 Acq: 11 Aug 2019 19:31

Tgt Ion: 63 Resp: 4371
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.2 37.8#

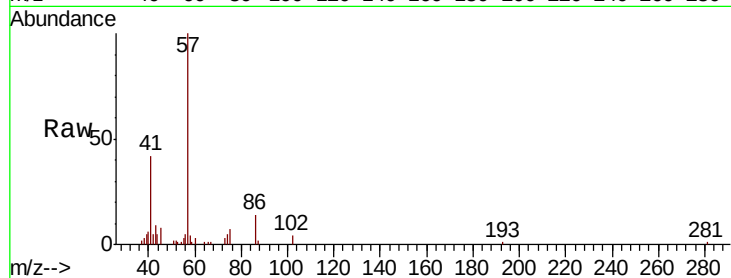




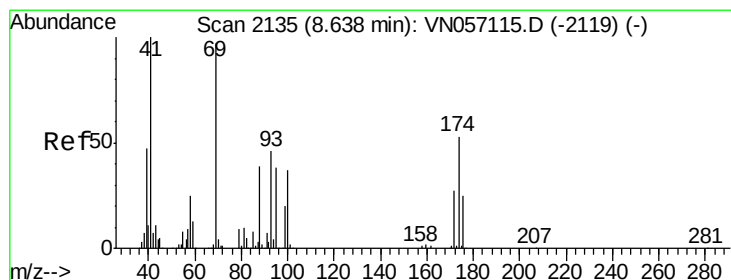
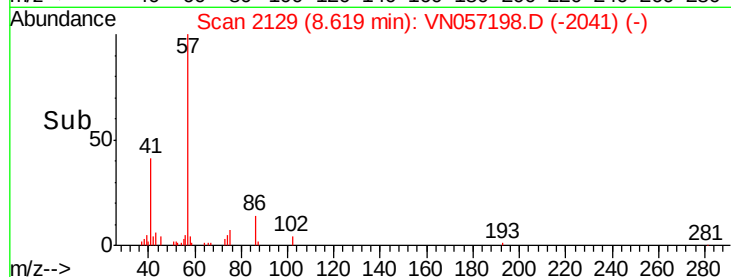
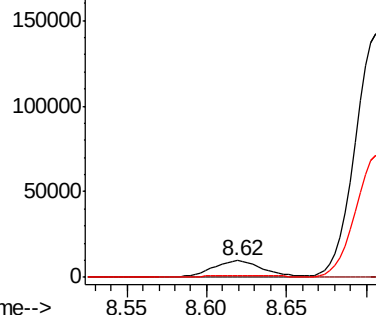
#48
Methyl methacrylate
Concen: 2.115 ug/l
RT: 8.62 min Scan# 2129
Delta R.T. -0.02 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :
BERGEN-SP-2

Tgt Ion: 41 Resp: 21471
Ion Ratio Lower Upper
41 100
69 0.0 77.5 116.3#
39 0.0 39.8 59.6#

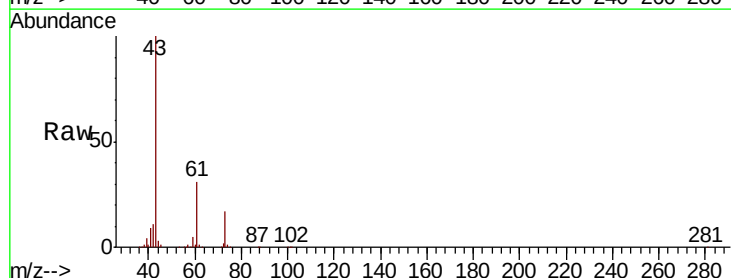


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

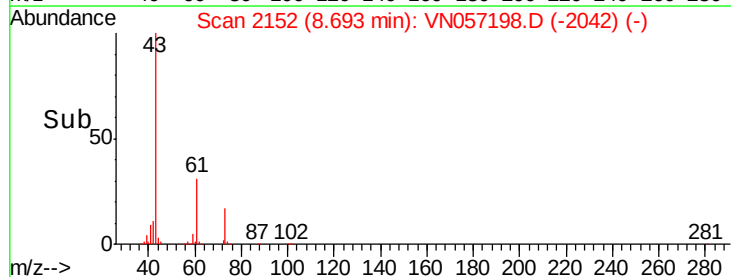
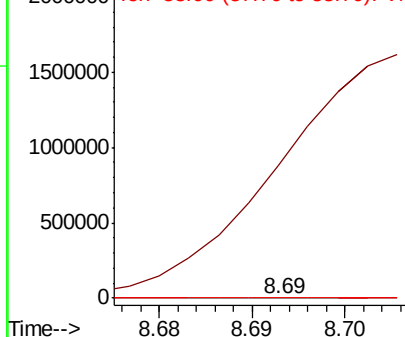


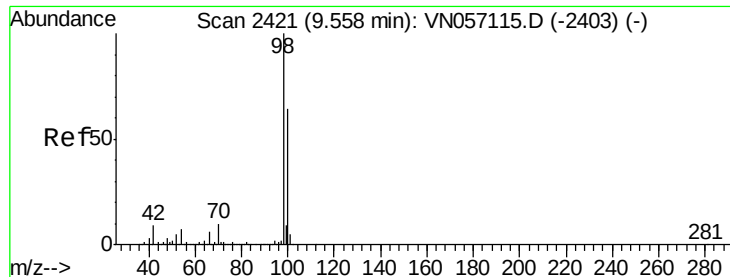
#49
1,4-Dioxane
Concen: 0.837 ug/l
RT: 8.69 min Scan# 2152
Delta R.T. 0.05 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

Tgt Ion: 88 Resp: 173
Ion Ratio Lower Upper
88 100
43 1773420.2 21.7 32.5#
58 7080.3 51.1 76.7#



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

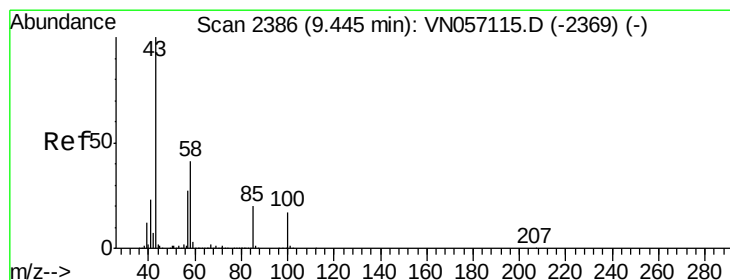
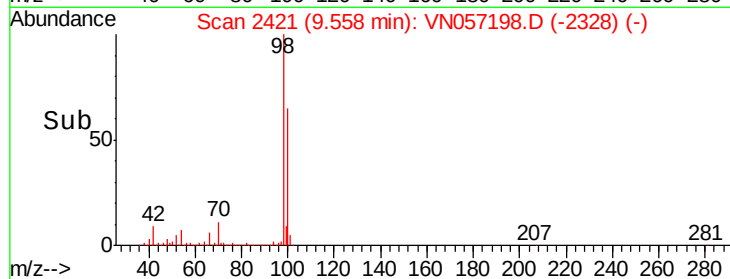
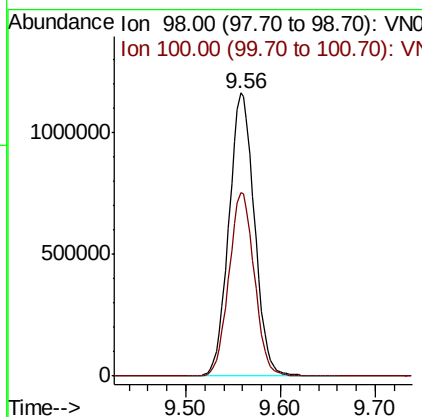
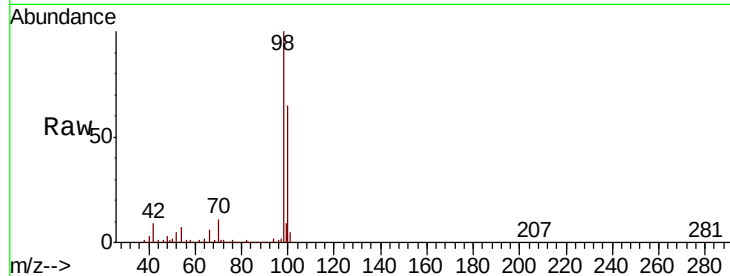




#50
Toluene-d8
Concen: 48.803 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. 0.00 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

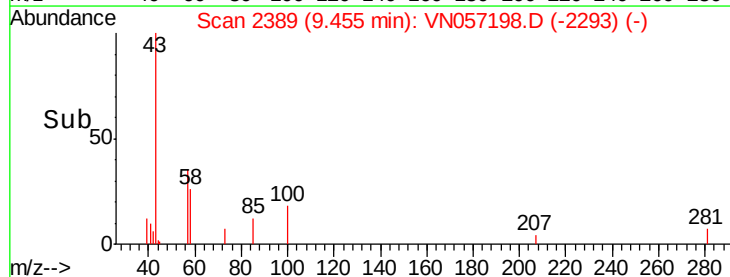
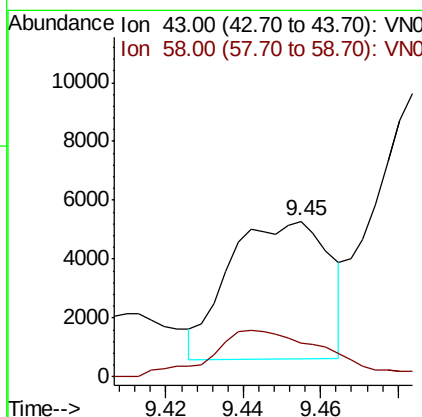
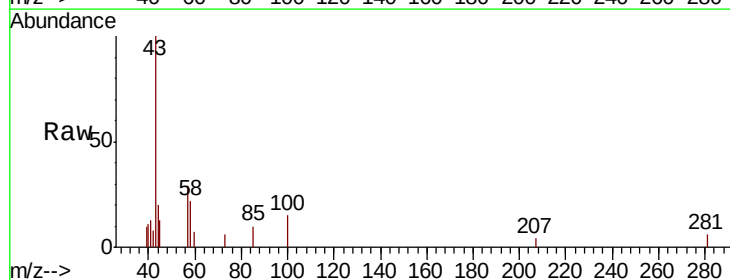
Instrument :
MSVOA_N
ClientSampled :
BERGEN-SP-2

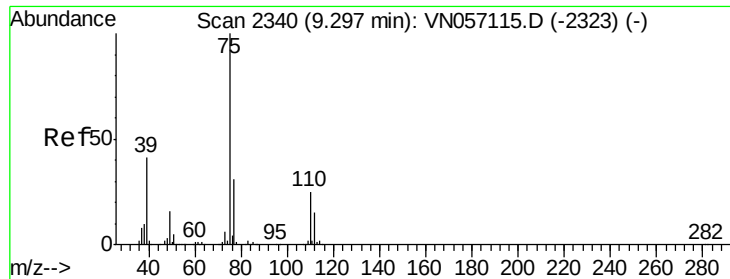
Tgt Ion: 98 Resp: 2177338
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.668 ug/l
RT: 9.45 min Scan# 2389
Delta R.T. 0.01 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

Tgt Ion: 43 Resp: 8362
Ion Ratio Lower Upper
43 100
58 39.0 33.2 49.8



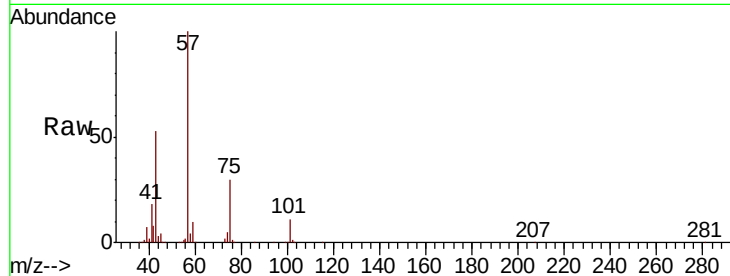


#54

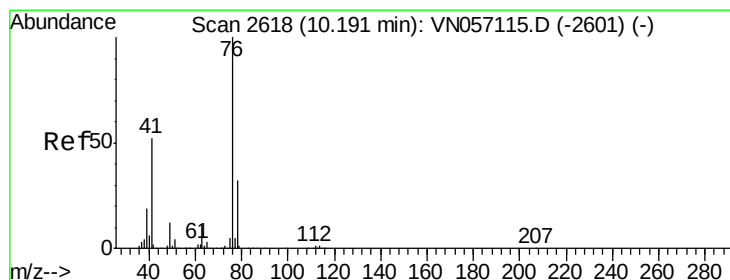
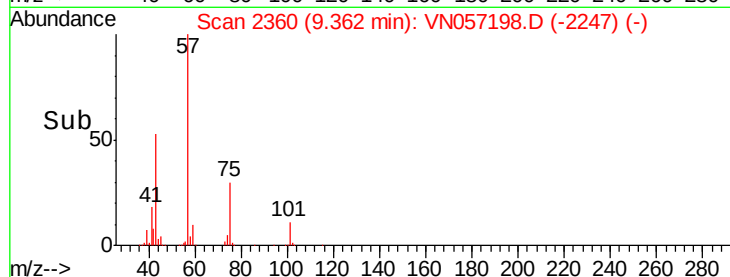
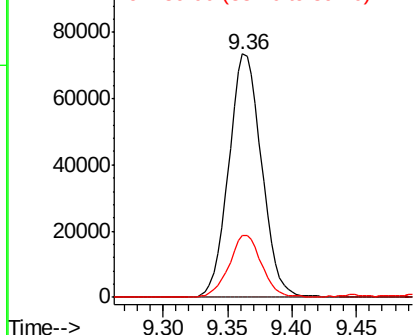
cis-1,3-Dichloropropene
 Concen: 6.973 ug/l
 RT: 9.36 min Scan# 2360
 Delta R.T. 0.06 min
 Lab File: VN057198.D
 Acq: 11 Aug 2019 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 BERGEN-SP-2

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.1	37.7#
39	25.2	32.5	48.7#



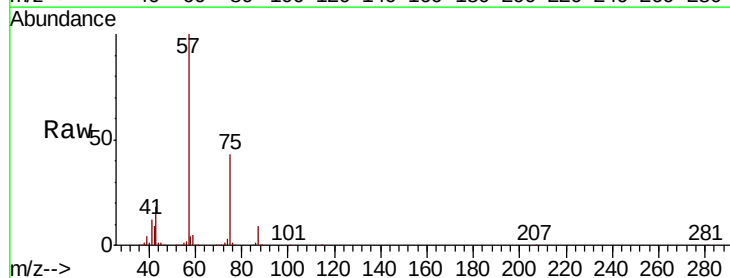
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



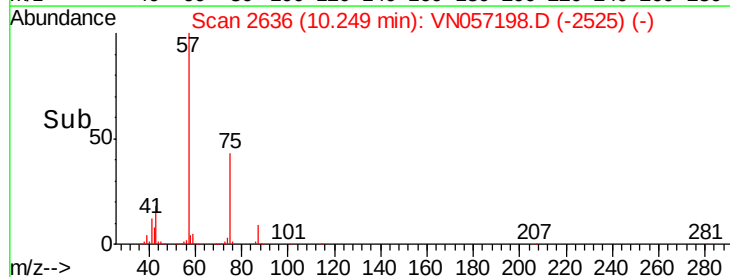
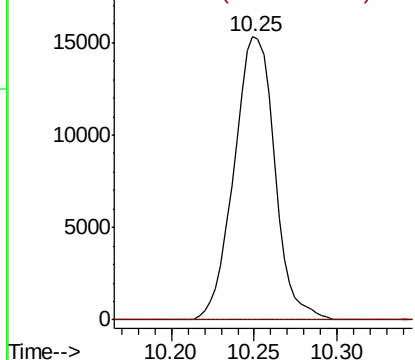
#57

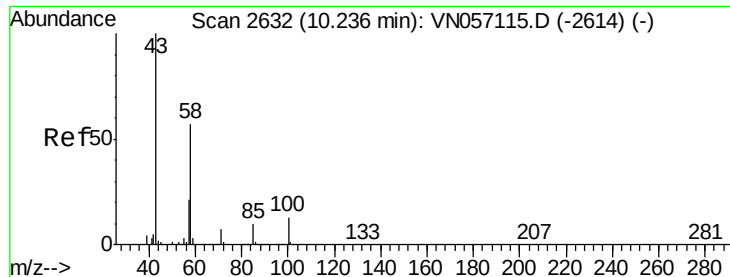
1,3-Dichloropropane
 Concen: 1.344 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.06 min
 Lab File: VN057198.D
 Acq: 11 Aug 2019 19:31

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.9	38.9#



Abundance Ion 75.90 (75.60 to 76.60): VNO
 Ion 77.90 (77.60 to 78.60): VNO

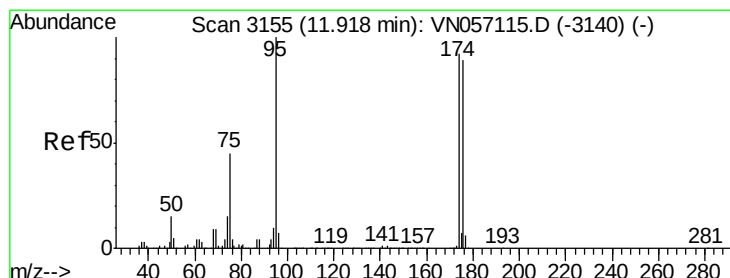
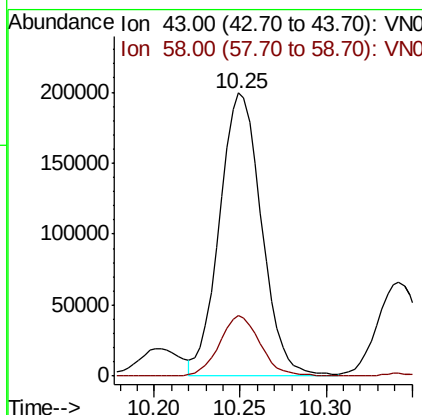
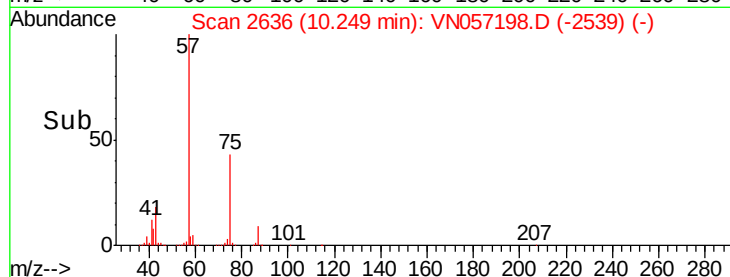
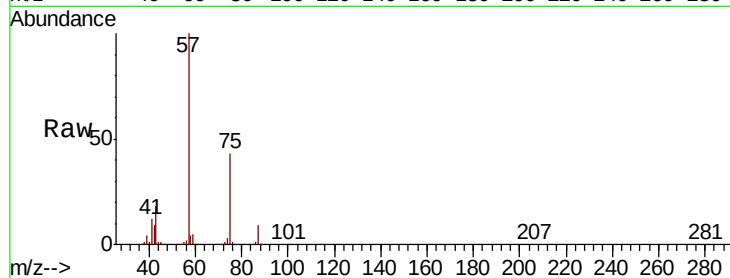




#59
2-Hexanone
Concen: 39.636 ug/l
RT: 10.25 min Scan# 2636
Delta R.T. 0.01 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

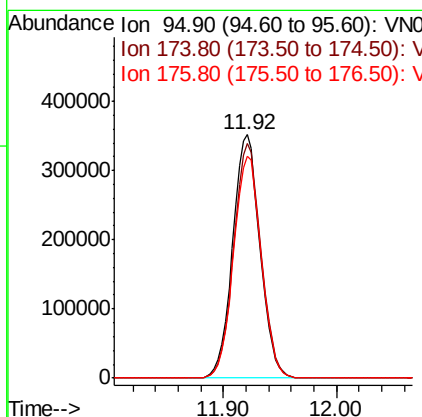
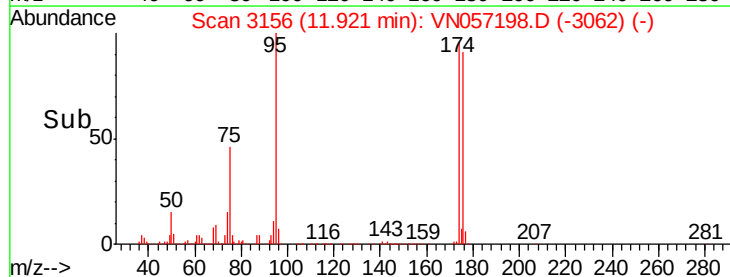
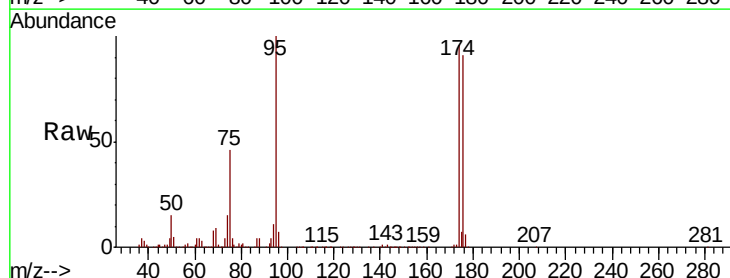
Instrument :
MSVOA_N
ClientSampleId :
BERGEN-SP-2

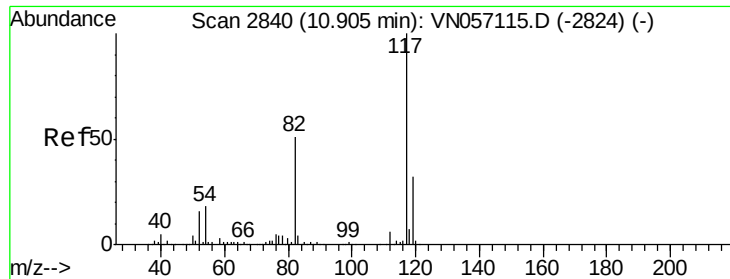
Tgt Ion: 43 Resp: 336044
Ion Ratio Lower Upper
43 100
58 21.0 29.2 87.6#



#62
4-Bromofluorobenzene
Concen: 41.005 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

Tgt Ion: 95 Resp: 589463
Ion Ratio Lower Upper
95 100
174 96.4 0.0 185.0
176 92.7 0.0 181.2

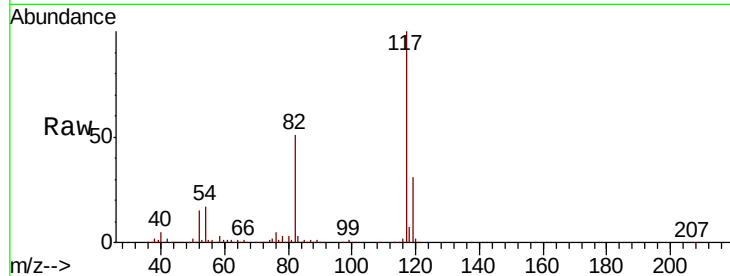




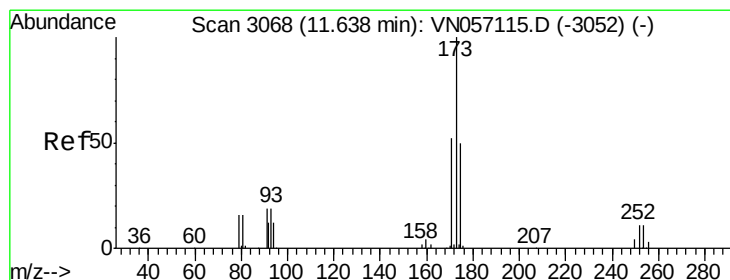
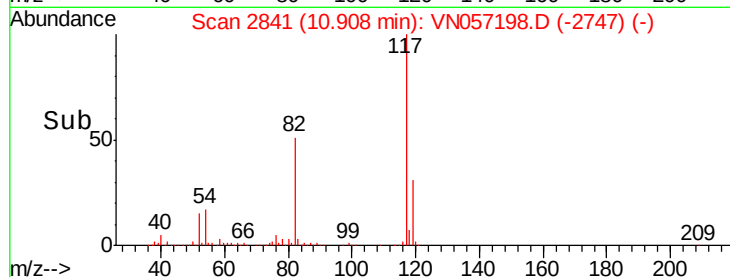
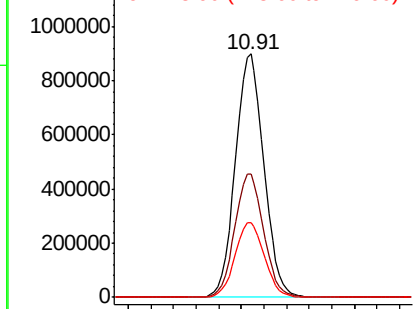
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :
BERGEN-SP-2

Tgt Ion:117 Resp: 1576820
Ion Ratio Lower Upper
117 100
82 50.8 40.8 61.2
119 30.9 25.7 38.5

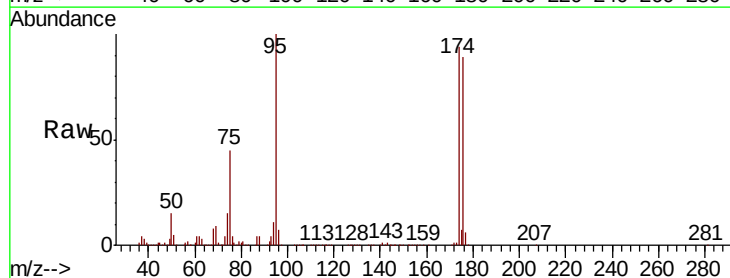


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

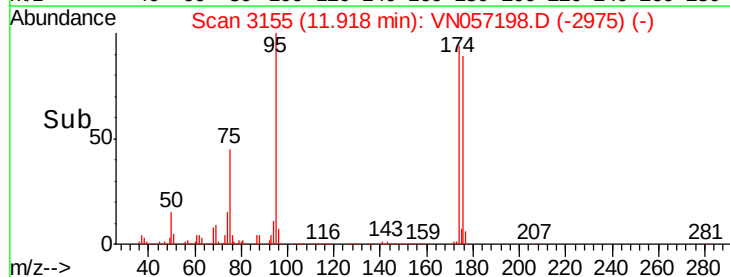
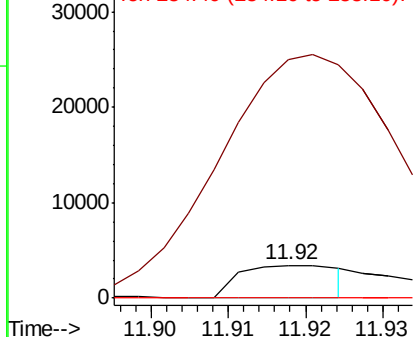


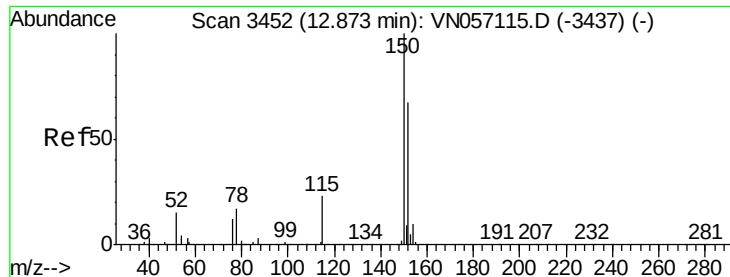
#71
Bromoform
Concen: 0.353 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. 0.28 min
Lab File: VN057198.D
Acq: 11 Aug 2019 19:31

Tgt Ion:173 Resp: 3071
Ion Ratio Lower Upper
173 100
175 934.1 24.6 73.8#
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: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampled :

BERGEN-SP-2

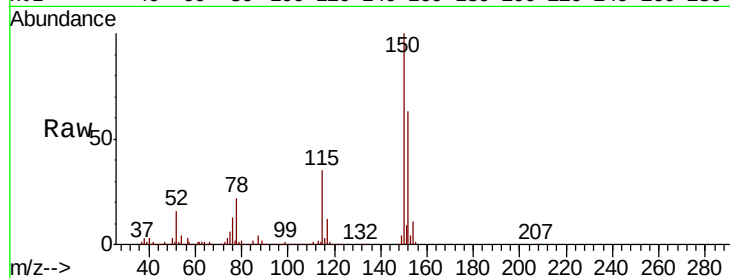
Tgt Ion:152 Resp: 425591

Ion Ratio Lower Upper

152 100

115 55.8 27.5 82.5

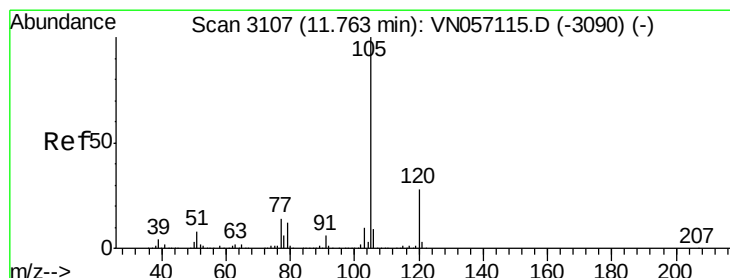
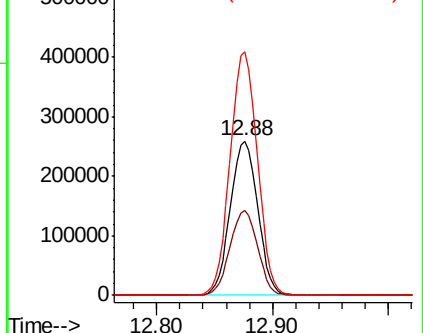
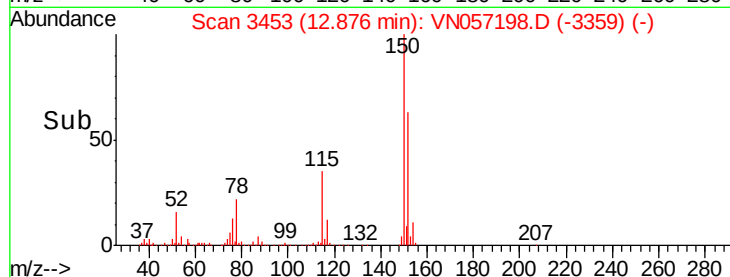
150 157.2 0.0 341.6



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: Below Cal

RT: 11.75 min Scan# 3104

Delta R.T. -0.01 min

Lab File: VN057198.D

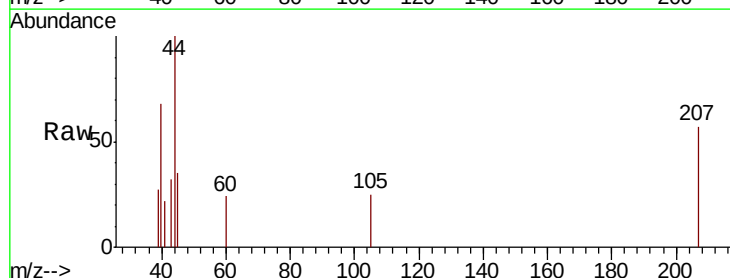
Acq: 11 Aug 2019 19:31

Tgt Ion:105 Resp: 104

Ion Ratio Lower Upper

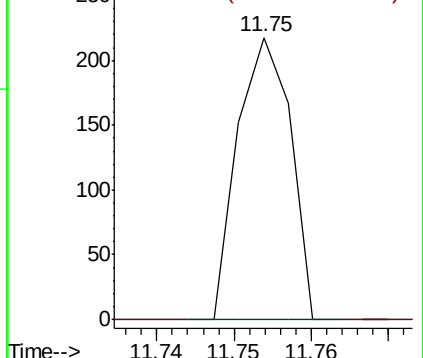
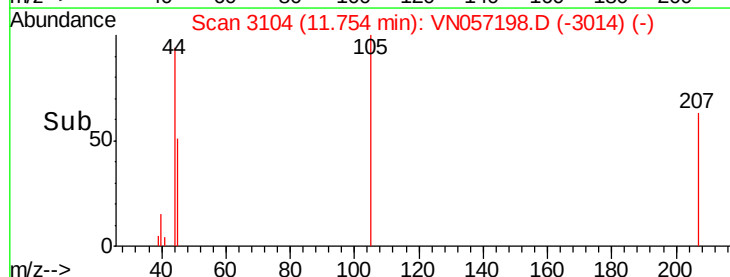
105 100

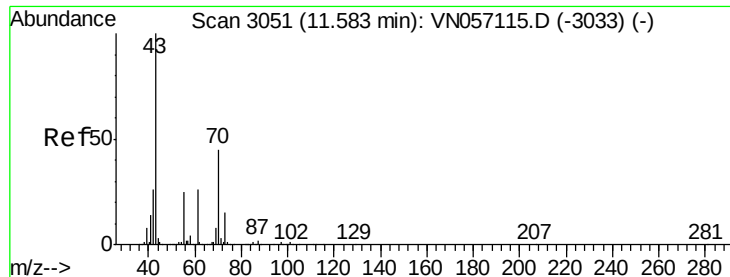
120 0.0 13.7 41.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 2.650 ug/l

RT: 11.39 min Scan# 2990

Delta R.T. -0.20 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampled :

BERGEN-SP-2

Tgt Ion: 43 Resp: 28584

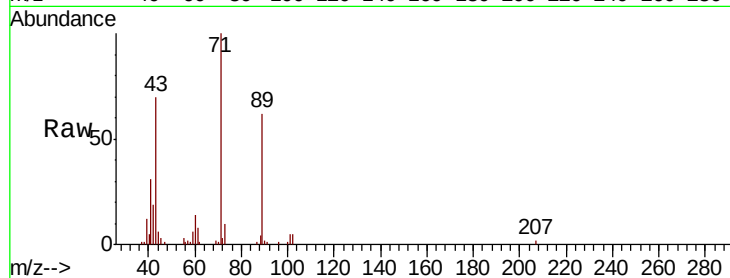
Ion Ratio Lower Upper

43 100

70 1.9 36.8 55.2#

55 2.7 20.6 31.0#

61 11.8 21.0 31.4#

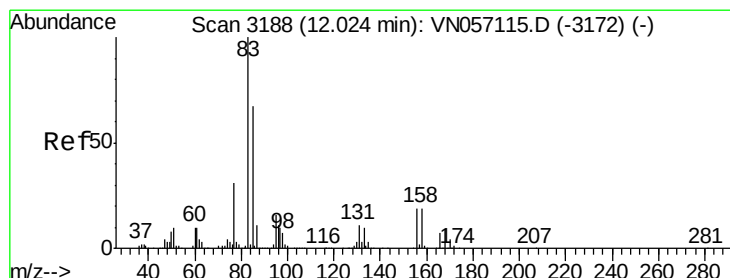
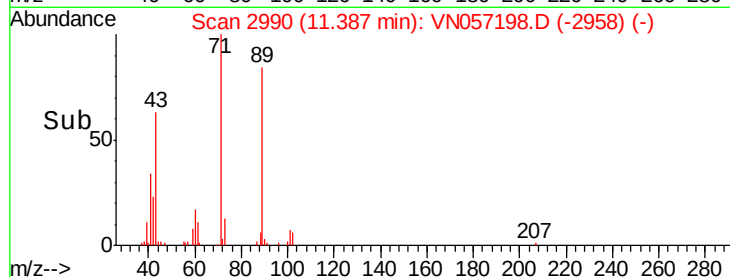
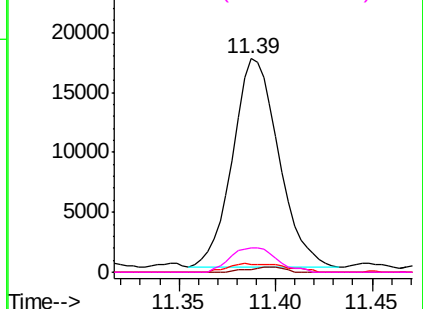


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.91 min Scan# 3154

Delta R.T. -0.11 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

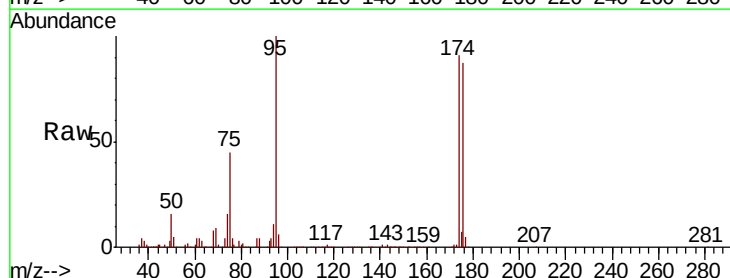
Tgt Ion: 83 Resp: 220

Ion Ratio Lower Upper

83 100

131 336.4 5.5 16.4#

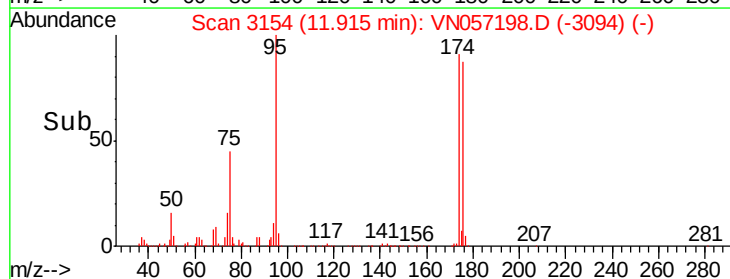
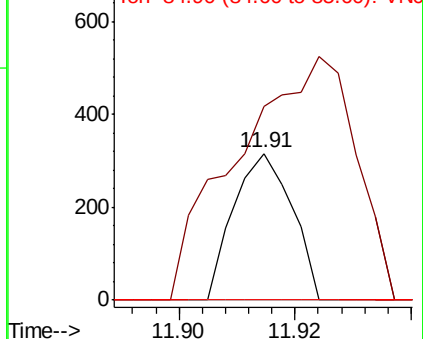
85 0.0 32.4 97.0#

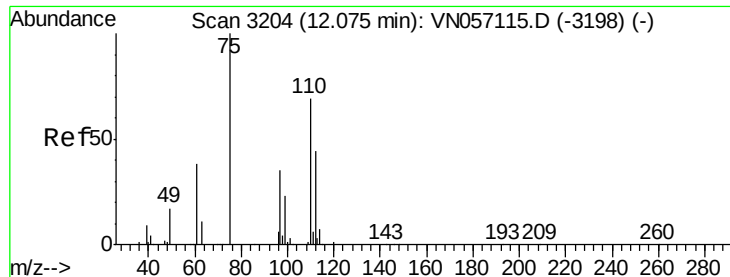


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 31.751 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

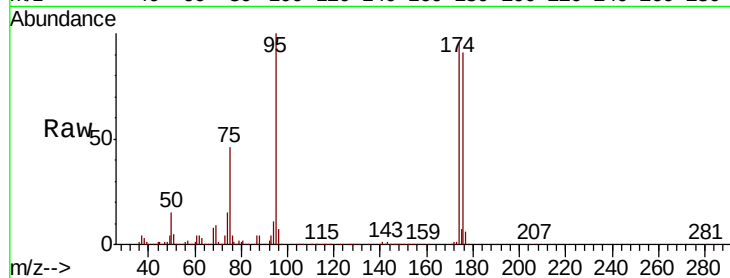
BERGEN-SP-2

Tgt Ion: 75 Resp: 272733

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

11.92

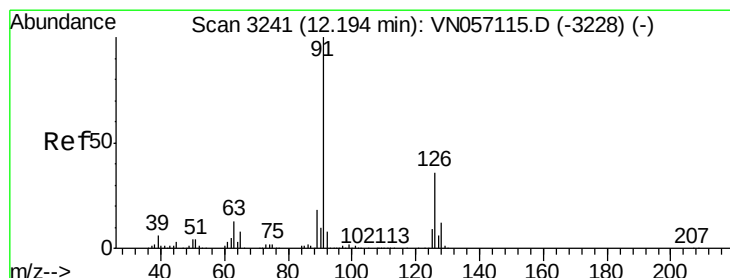
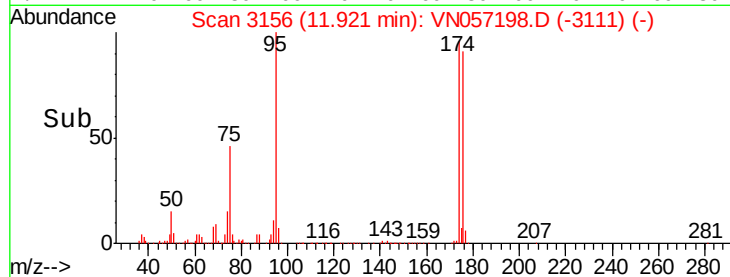
150000

100000

50000

0

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.11 min Scan# 3214

Delta R.T. -0.09 min

Lab File: VN057198.D

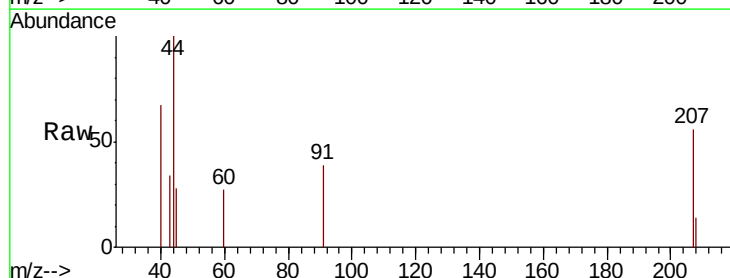
Acq: 11 Aug 2019 19:31

Tgt Ion: 91 Resp: 417

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.11

400

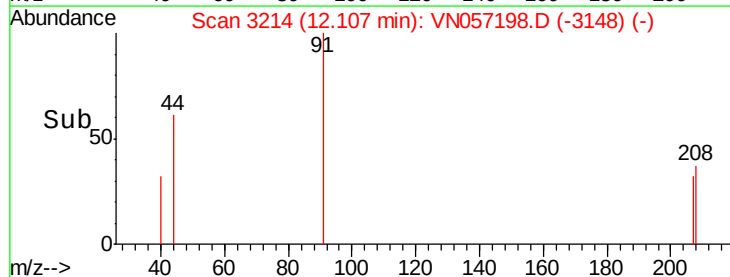
300

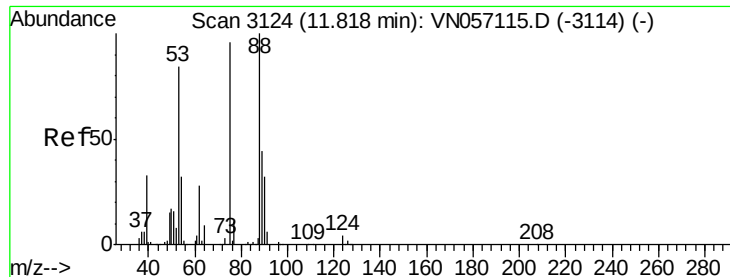
200

100

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 94.225 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.10 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

BERGEN-SP-2

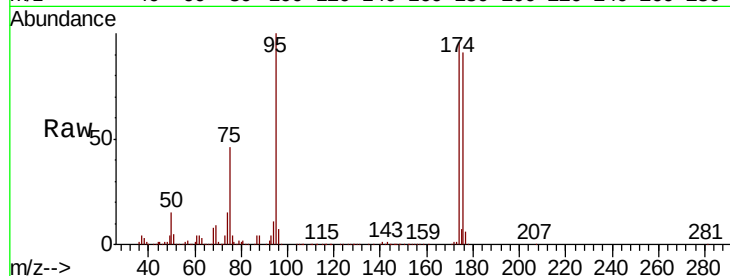
Tgt Ion: 75 Resp: 272733

Ion Ratio Lower Upper

75 100

53 0.0 70.6 106.0#

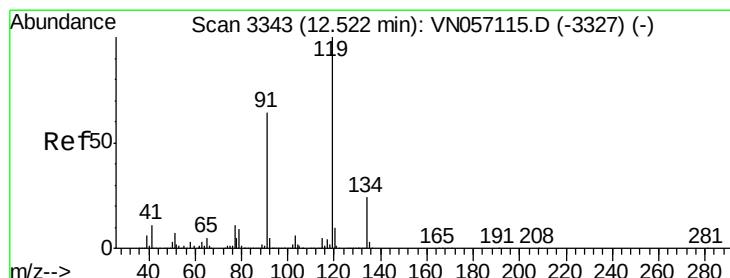
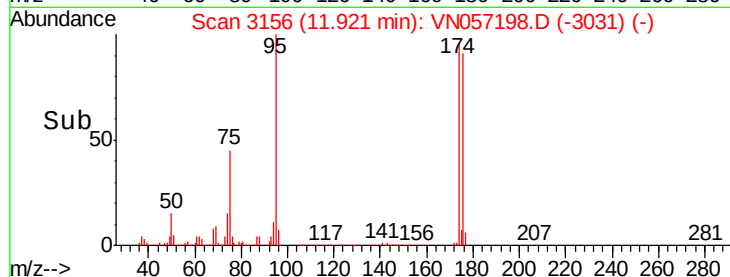
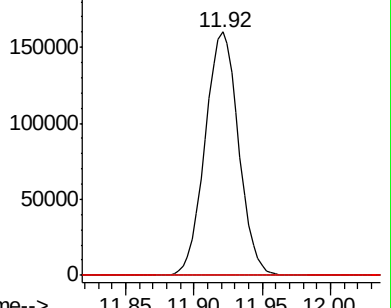
89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VN057198.D (-3156) (-)

Ion 53.00 (52.70 to 53.70): VN057198.D (-3156) (-)

Ion 88.90 (88.60 to 89.60): VN057198.D (-3156) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.01 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

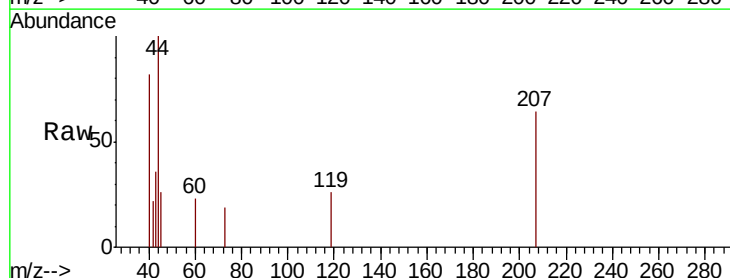
Tgt Ion: 119 Resp: 107

Ion Ratio Lower Upper

119 100

91 0.0 31.4 94.2#

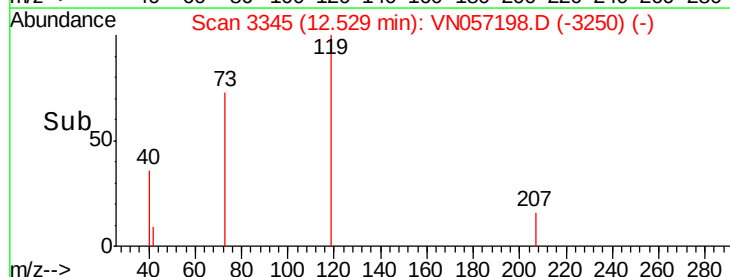
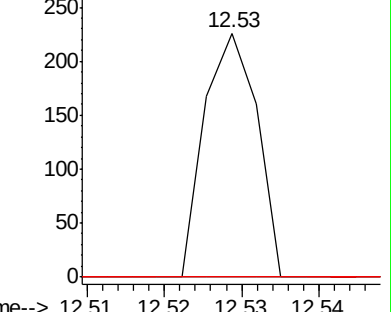
134 0.0 13.2 39.6#

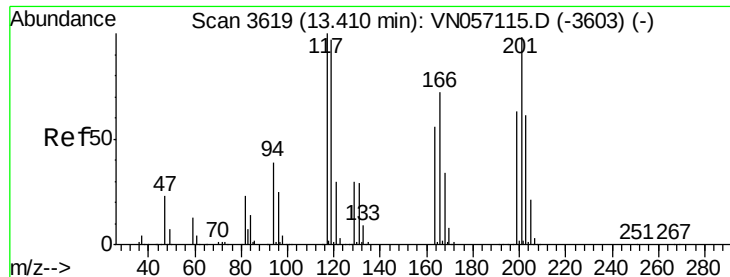


Abundance Ion 119.00 (118.70 to 119.70): VN057198.D (-3345) (-)

Ion 91.00 (90.70 to 91.70): VN057198.D (-3345) (-)

Ion 134.00 (133.70 to 134.70): VN057198.D (-3345) (-)





#90

Hexachloroethane

Concen: Below Cal

RT: 13.23 min Scan# 3564

Delta R.T. -0.18 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

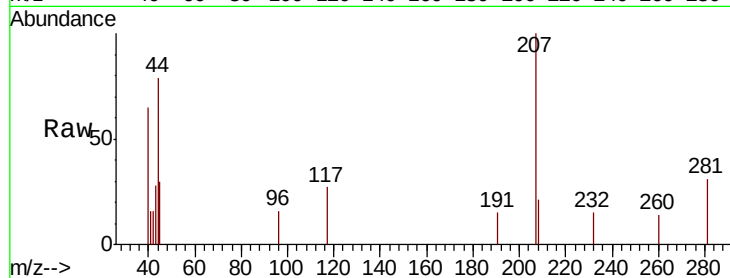
BERGEN-SP-2

Tgt Ion:117 Resp: 184

Ion Ratio Lower Upper

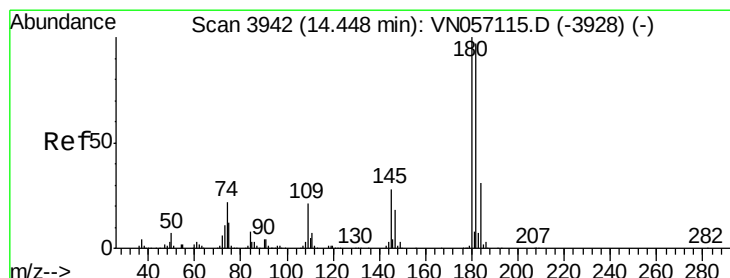
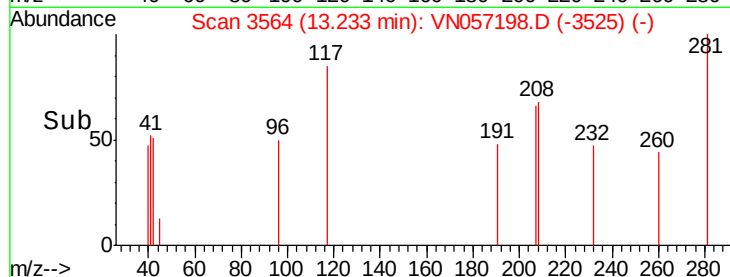
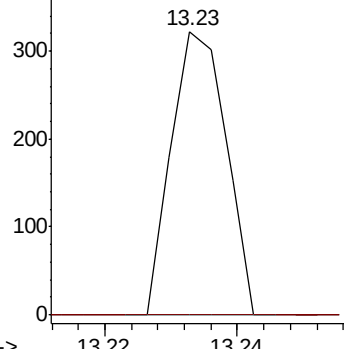
117 100

201 0.0 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 5.940 ug/l

RT: 14.46 min Scan# 3946

Delta R.T. 0.01 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

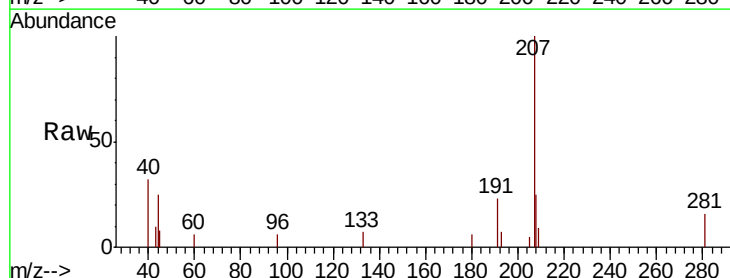
Tgt Ion:180 Resp: 72

Ion Ratio Lower Upper

180 100

182 194.4 47.5 142.6#

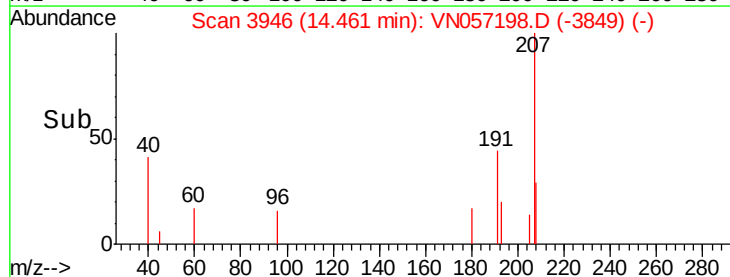
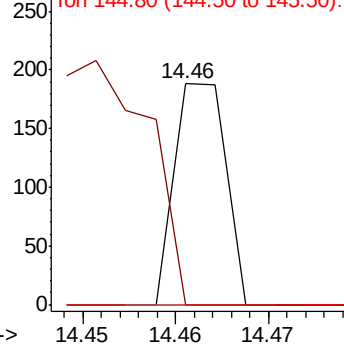
145 0.0 14.1 42.2#

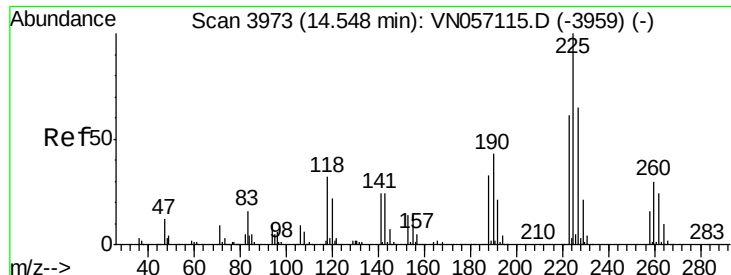


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.55 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

BERGEN-SP-2

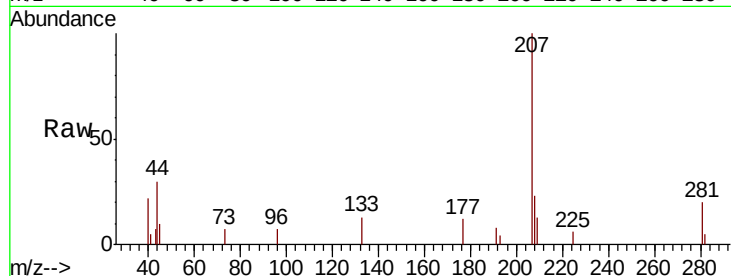
Tgt Ion: 225 Resp: 77

Ion Ratio Lower Upper

225 100

223 0.0 30.9 92.8#

227 0.0 32.4 97.0#

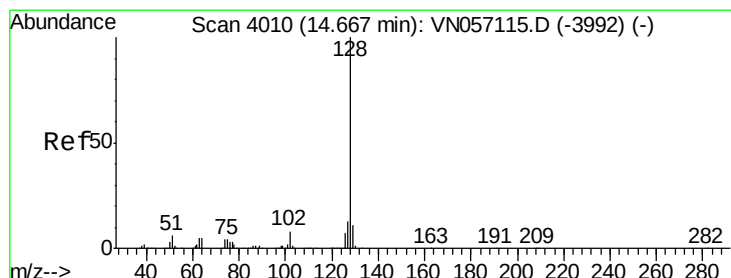
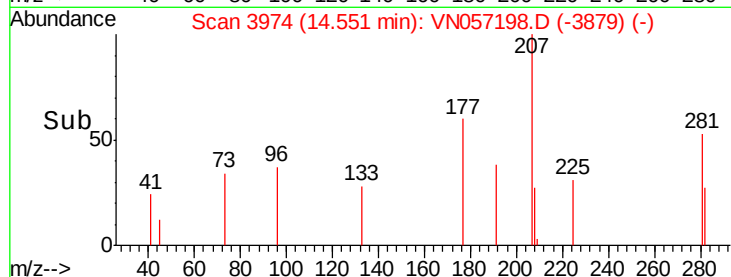
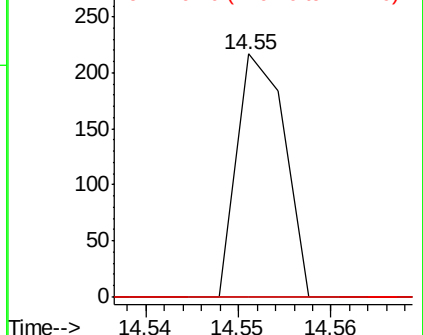


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.829 ug/l

RT: 14.68 min Scan# 4013

Delta R.T. 0.01 min

Lab File: VN057198.D

Acq: 11 Aug 2019 19:31

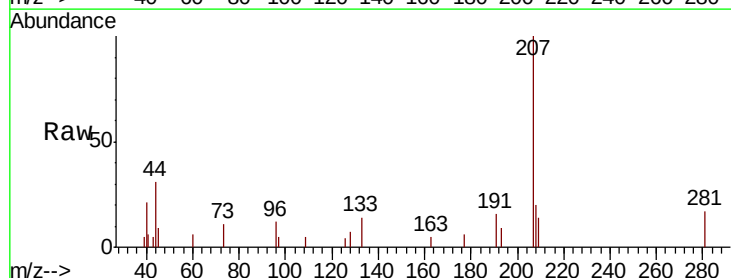
Tgt Ion: 128 Resp: 292

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

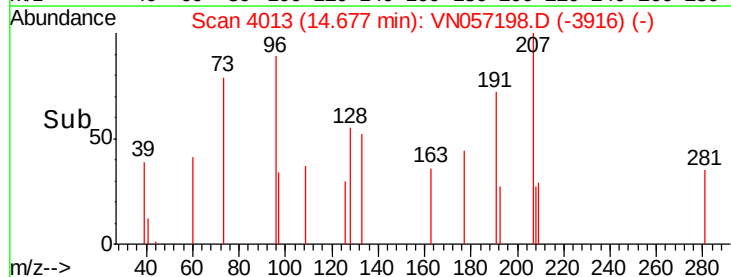
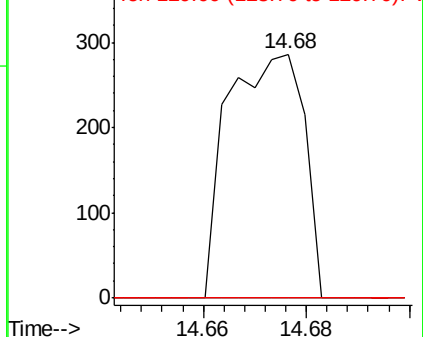


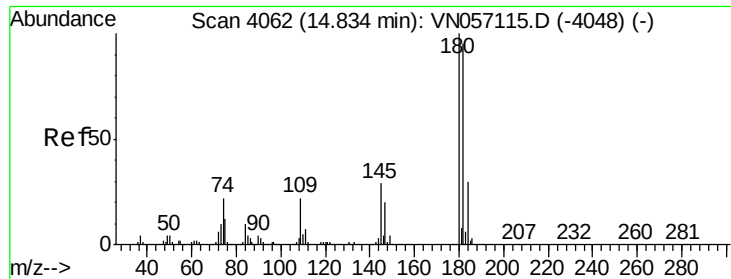
Abundance

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: 5.731 ug/l
 RT: 14.84 min Scan# 4065
 Delta R.T. 0.01 min
 Lab File: VN057198.D
 Acq: 11 Aug 2019 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 BERGEN-SP-2

Tgt Ion	Ratio	Lower	Upper
180	100		
182	154.1	48.3	144.8#
145	90.5	14.9	44.5#

