

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
 Data File : VN057197.D
 Acq On : 11 Aug 2019 19:06
 Operator : JC/SP
 Sample : K4244-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BERGEN-SP-1

Quant Time: Aug 12 05:58:10 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	1327097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1855147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1570959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	409711	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	612467	44.88	ug/l	0.00
Spiked Amount			Recovery	=	89.76%	
35) Dibromofluoromethane	6.99	113	555788	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
50) Toluene-d8	9.56	98	2180760	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.92	95	572614	39.90	ug/l	0.00
Spiked Amount			Recovery	=	79.80%	

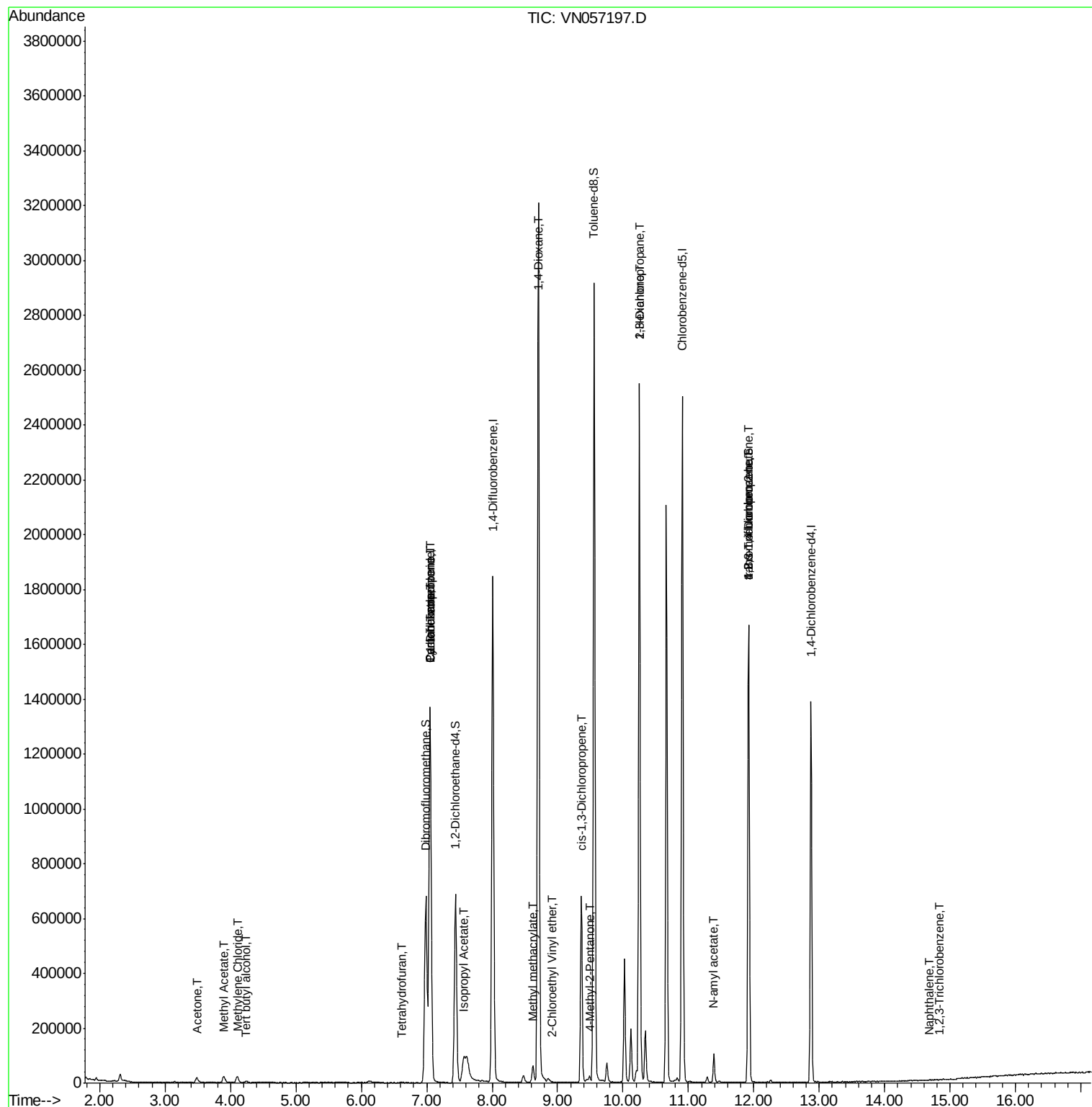
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.23	59	2752	1.417	ug/l #	73
16) Acetone	3.48	43	26540	6.439	ug/l	98
18) Methyl Acetate	3.90	43	40690	2.692	ug/l	99
20) Methylene Chloride	4.10	84	17532	1.289	ug/l #	93
29) Tetrahydrofuran	6.61	42	956	0.225	ug/l #	46
31) Cyclohexane	7.05	56	19082	0.964	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	77843	5.096	ug/l #	45
38) Carbon Tetrachloride	7.05	117	114045	7.164	ug/l #	16
43) Isopropyl Acetate	7.57	43	108902	5.068	ug/l #	71
48) Methyl methacrylate	8.62	41	20298	2.003	ug/l #	11
49) 1,4-Dioxane	8.70	88	359	1.740	ug/l #	27
51) 4-Methyl-2-Pentanone	9.49	43	16403	1.312	ug/l #	34
54) cis-1,3-Dichloropropene	9.36	75	136362	7.323	ug/l #	63
57) 1,3-Dichloropropane	10.25	76	29770	1.529	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.92	63	102	13.130	ug/l #	47
59) 2-Hexanone	10.25	43	363401	42.937	ug/l #	49
73) Isopropylbenzene	11.76	105	171	Below Cal	#	48
74) N-amyl acetate	11.39	43	31943	3.077	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	11.93	83	70	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.92	75	268838	32.586	ug/l #	100
79) 2-Chlorotoluene	12.19	91	62	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	11.92	75	268838	96.479	ug/l #	14
83) tert-Butylbenzene	12.51	119	31	Below Cal	#	28
90) Hexachloroethane	13.45	117	33	Below Cal	#	1
95) Naphthalene	14.67	128	225	2.823	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.83	180	209	5.751	ug/l #	12

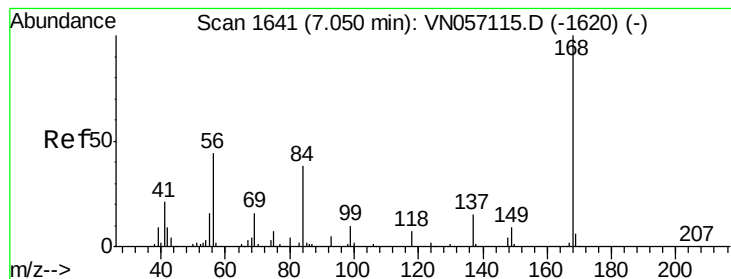
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 08 06:49:25 2019
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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: VN057197.D

Acq: 11 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampled :

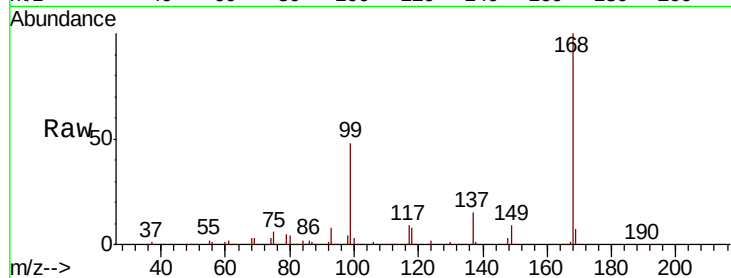
BERGEN-SP-1

Tgt Ion:168 Resp: 1327097

Ion Ratio Lower Upper

168 100

99 47.7 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

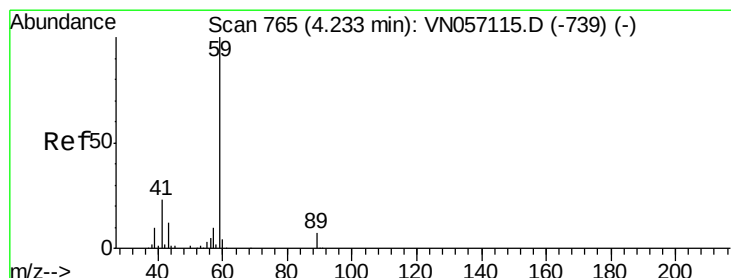
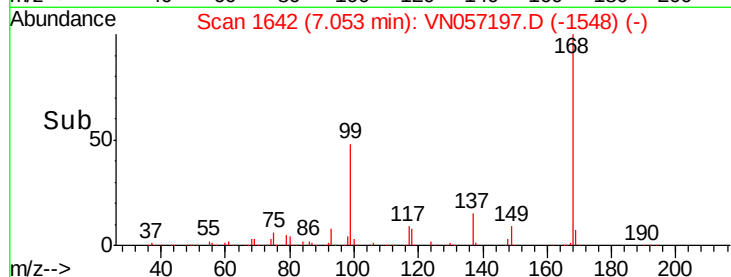
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.417 ug/l

RT: 4.23 min Scan# 763

Delta R.T. -0.01 min

Lab File: VN057197.D

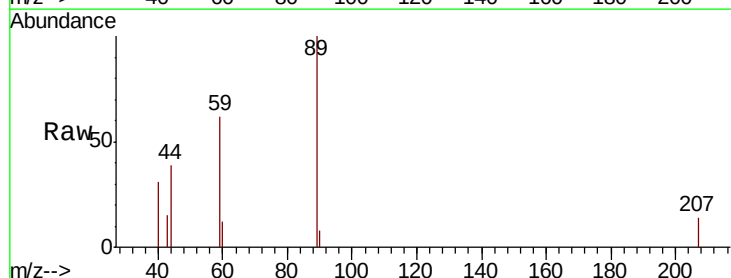
Acq: 11 Aug 2019 19:06

Tgt Ion: 59 Resp: 2752

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN057115.D (-739) (-)

Ion 57.00 (56.70 to 57.70): VN057115.D (-739) (-)

4.23

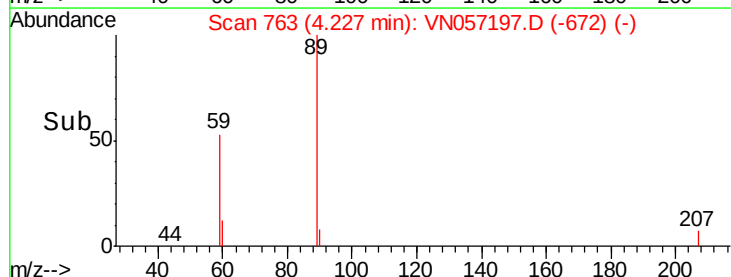
1500

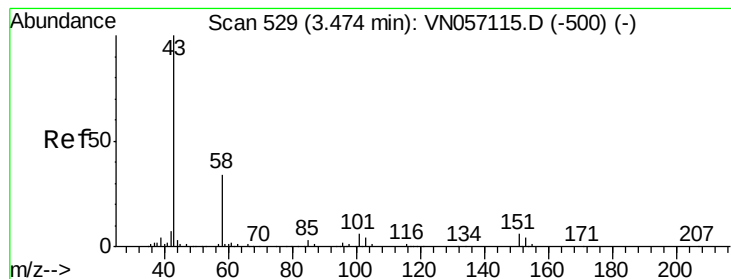
1000

500

0

Time-->





#16

Acetone

Concen: 6.439 ug/l

RT: 3.48 min Scan# 532

Delta R.T. 0.01 min

Lab File: VN057197.D

Acq: 11 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

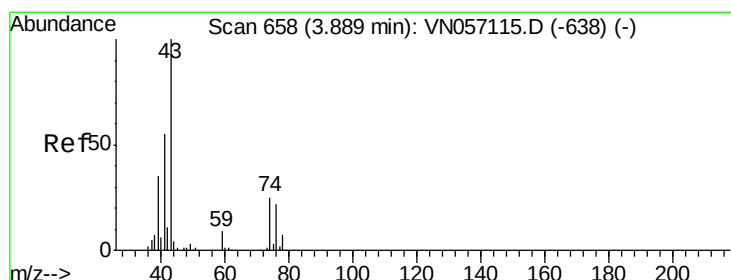
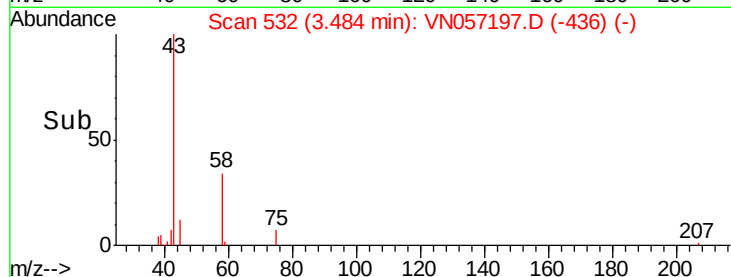
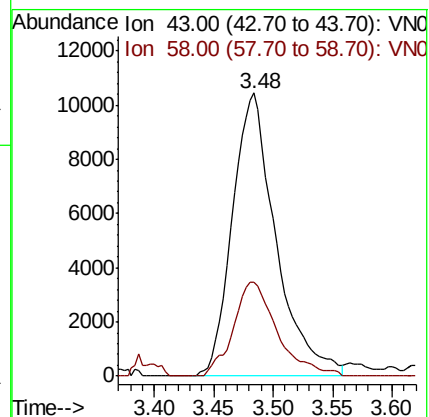
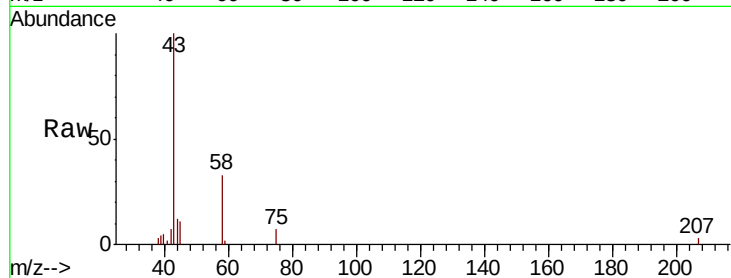
BERGEN-SP-1

Tgt Ion: 43 Resp: 26540

Ion Ratio Lower Upper

43 100

58 33.1 27.4 41.2



#18

Methyl Acetate

Concen: 2.692 ug/l

RT: 3.90 min Scan# 661

Delta R.T. 0.01 min

Lab File: VN057197.D

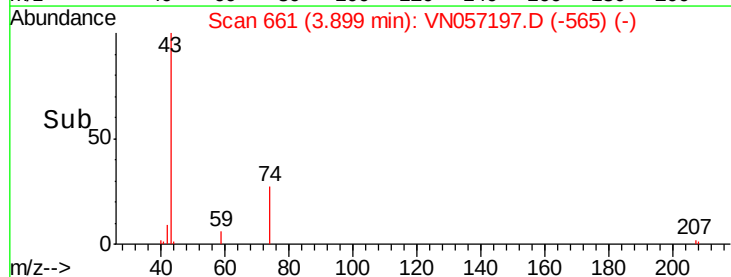
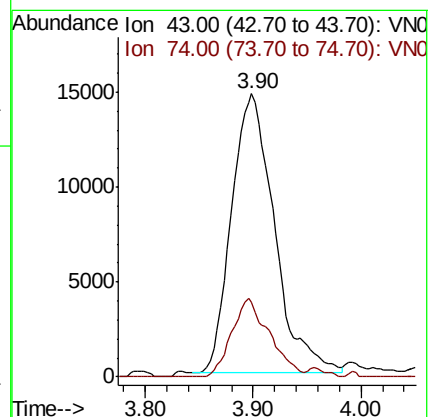
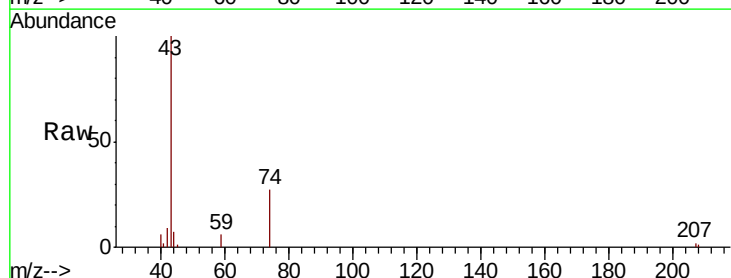
Acq: 11 Aug 2019 19:06

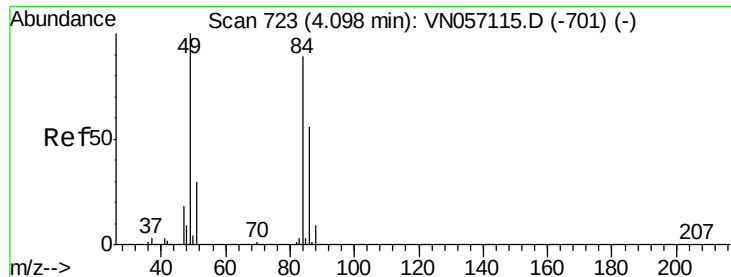
Tgt Ion: 43 Resp: 40690

Ion Ratio Lower Upper

43 100

74 24.7 20.2 30.4

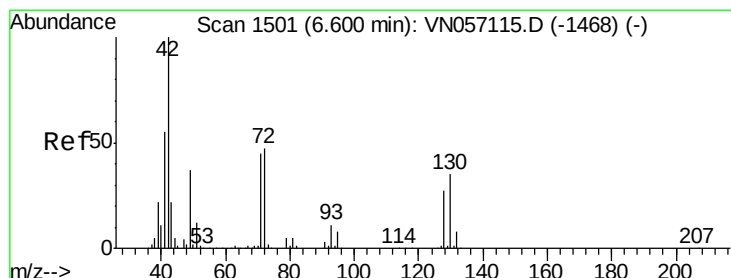
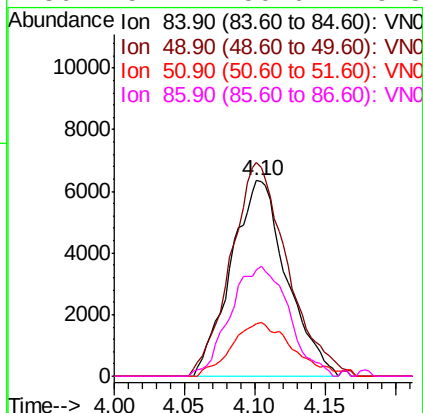
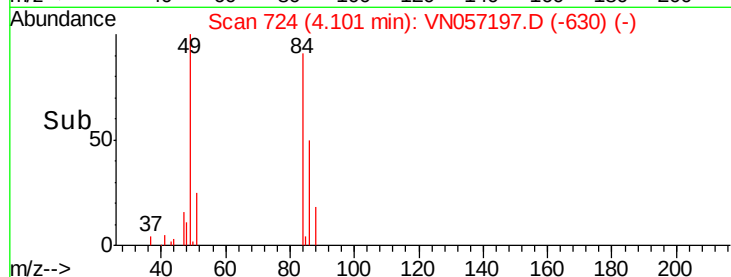
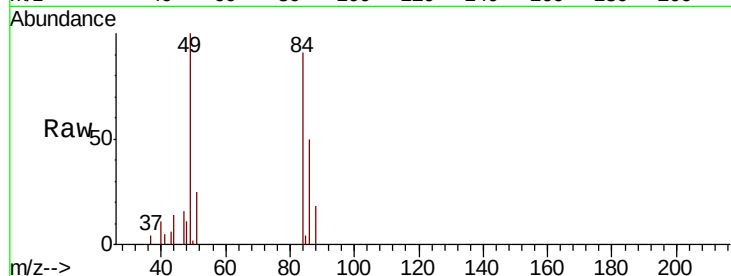




#20
Methylene Chloride
Concen: 1.289 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

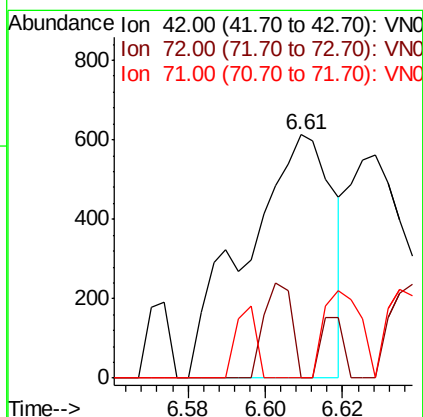
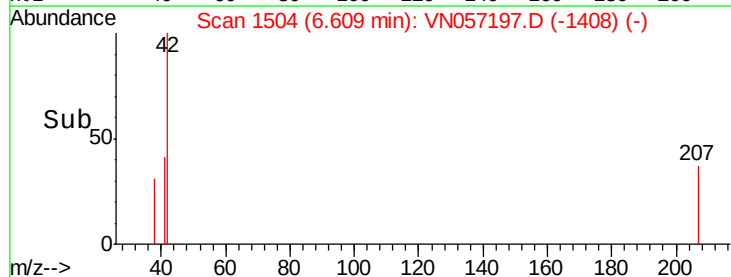
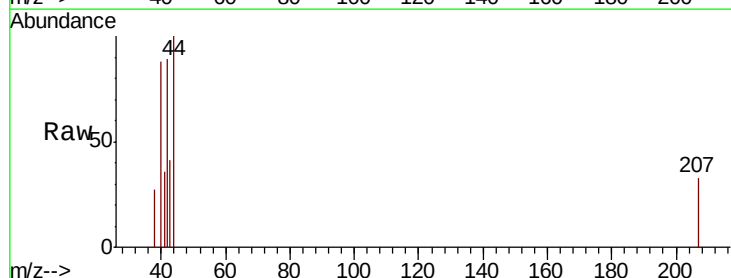
Instrument :
MSVOA_N
ClientSampled :
BERGEN-SP-1

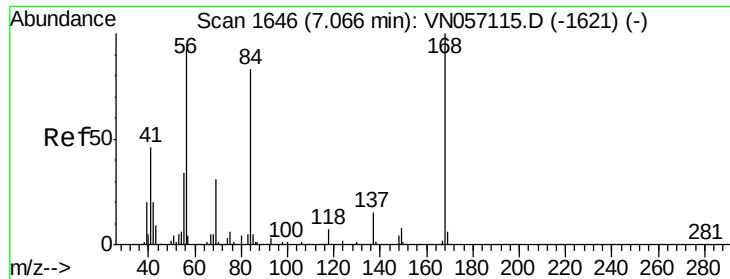
Tgt Ion: 84 Resp: 17532
Ion Ratio Lower Upper
84 100
49 109.4 89.5 134.3
51 27.0 27.2 40.8#
86 54.4 50.6 75.8



#29
Tetrahydrofuran
Concen: 0.225 ug/l
RT: 6.61 min Scan# 1504
Delta R.T. 0.01 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

Tgt Ion: 42 Resp: 956
Ion Ratio Lower Upper
42 100
72 12.4 37.1 55.7#
71 6.7 34.8 52.2#

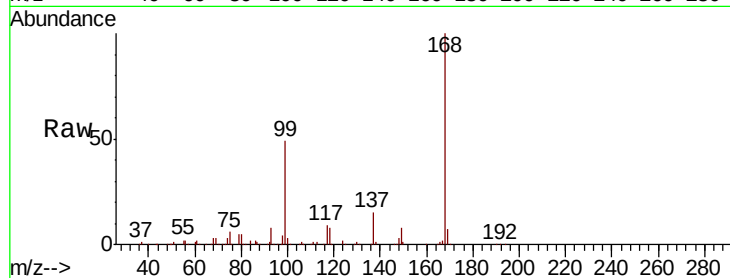




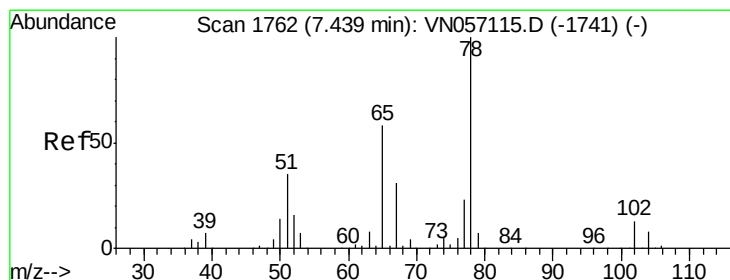
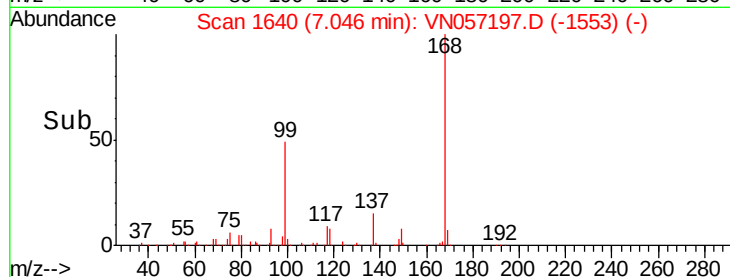
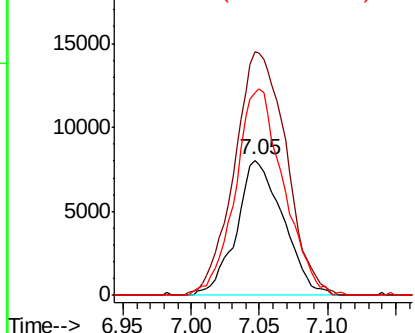
#31
Cyclohexane
Concen: 0.964 ug/l
RT: 7.05 min Scan# 1640
Delta R.T. -0.02 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

Instrument :
MSVOA_N
ClientSampleId :
BERGEN-SP-1

Tgt Ion: 56 Resp: 19082
Ion Ratio Lower Upper
56 100
69 179.9 26.9 40.3#
84 150.0 71.9 107.9#

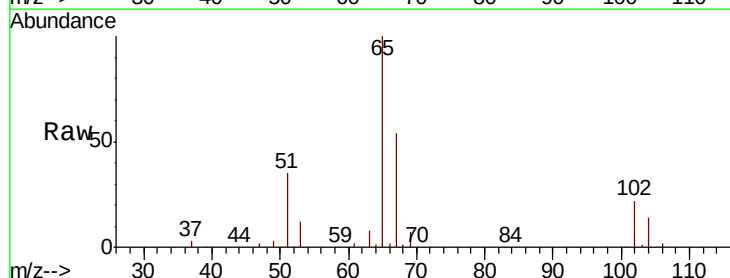


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

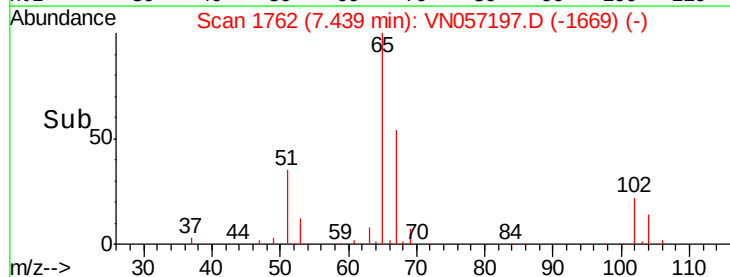
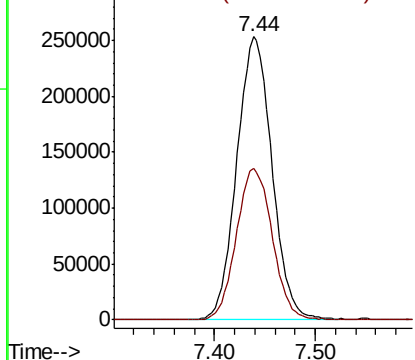


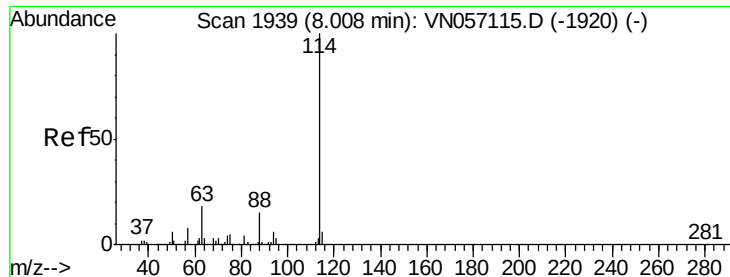
#33
1,2-Dichloroethane-d4
Concen: 44.875 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

Tgt Ion: 65 Resp: 612467
Ion Ratio Lower Upper
65 100
67 54.7 0.0 108.2



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

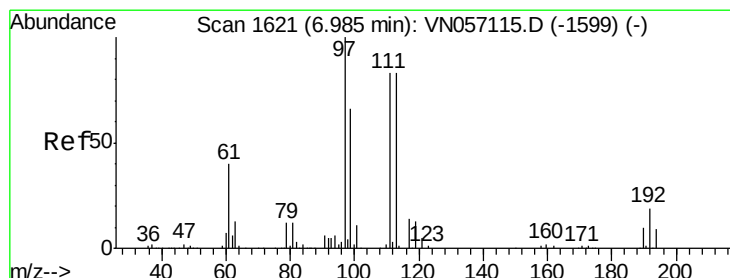
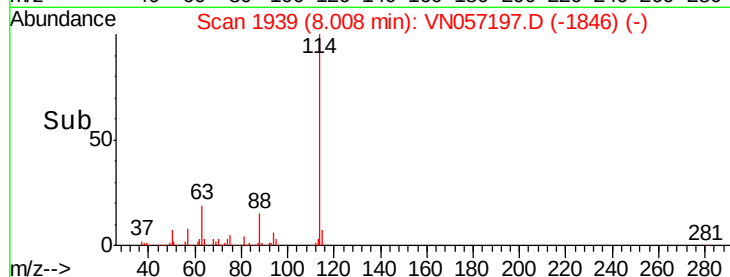
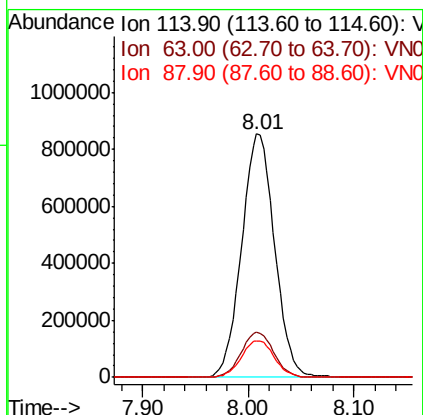
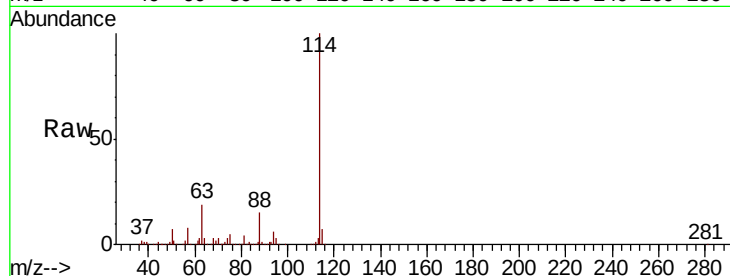




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057197.D
 Acq: 11 Aug 2019 19:06

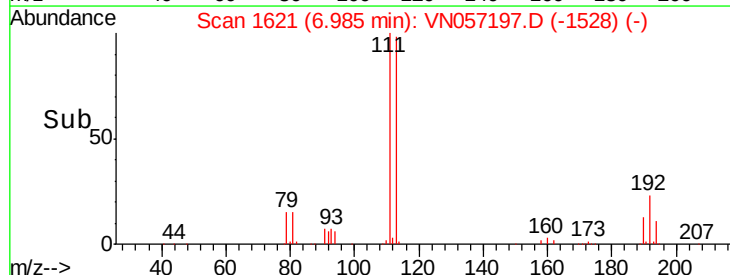
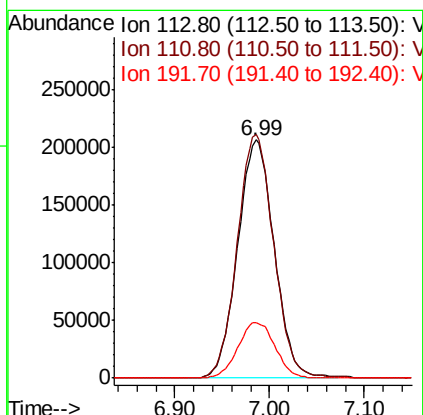
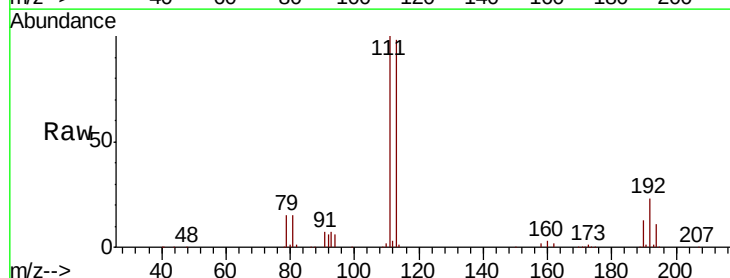
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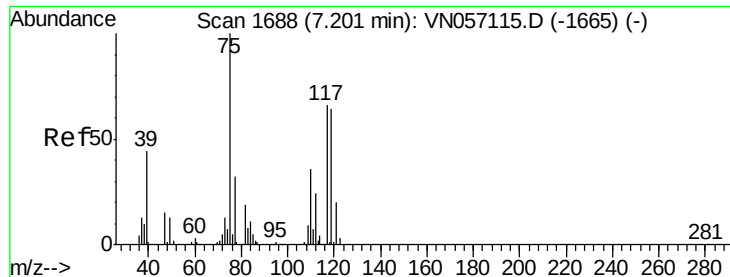
Tgt Ion:114 Resp: 1855147
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.2
 88 15.1 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 47.743 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057197.D
 Acq: 11 Aug 2019 19:06

Tgt Ion:113 Resp: 555788
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.3 121.9
 192 23.8 19.0 28.4

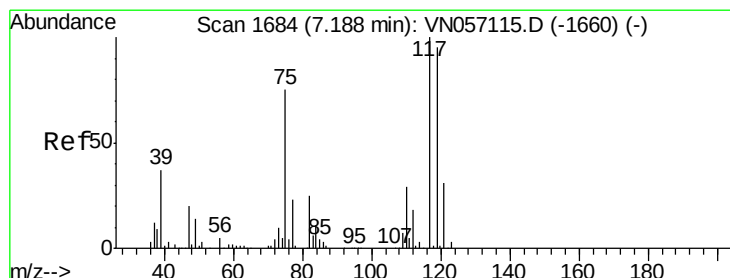
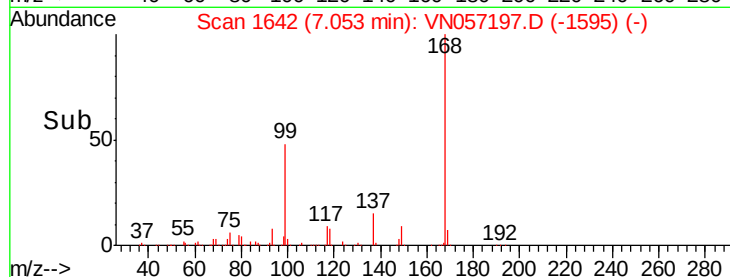
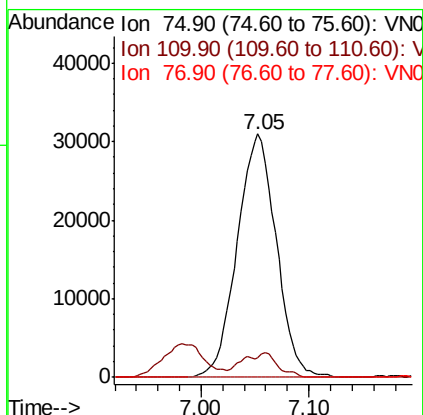
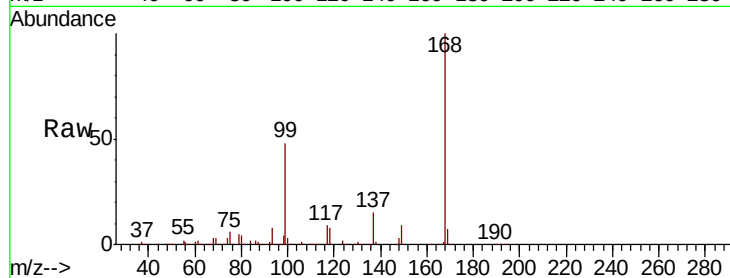




#36
 1,1-Dichloropropene
 Concen: 5.096 ug/l
 RT: 7.05 min Scan# 1642
 Delta R.T. -0.15 min
 Lab File: VN057197.D
 Acq: 11 Aug 2019 19:06

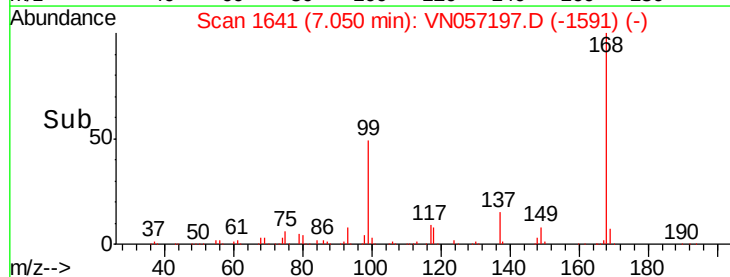
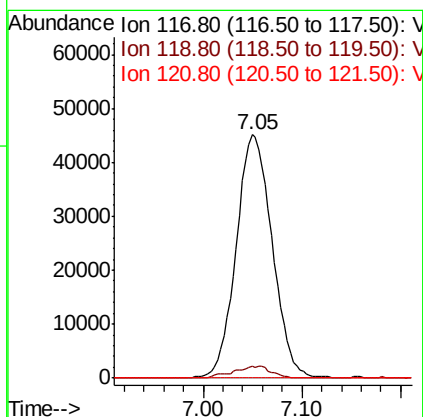
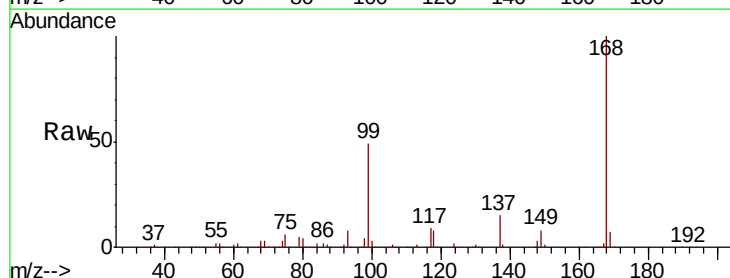
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 ClientSampleId :
 BERGEN-SP-1

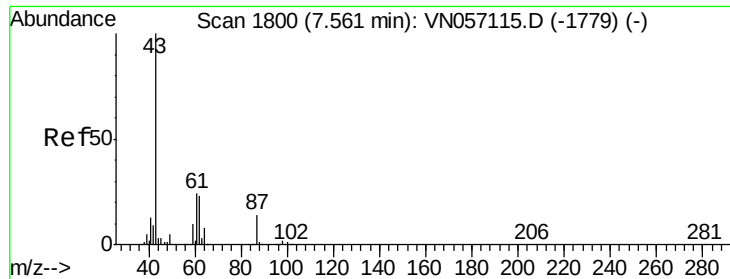
Tgt Ion: 75 Resp: 77843
 Ion Ratio Lower Upper
 75 100
 110 5.2 18.7 56.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 7.164 ug/l
 RT: 7.05 min Scan# 1641
 Delta R.T. -0.14 min
 Lab File: VN057197.D
 Acq: 11 Aug 2019 19:06

Tgt Ion: 117 Resp: 114045
 Ion Ratio Lower Upper
 117 100
 119 4.7 75.8 113.6#
 121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 5.068 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VN057197.D

Acq: 11 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

BERGEN-SP-1

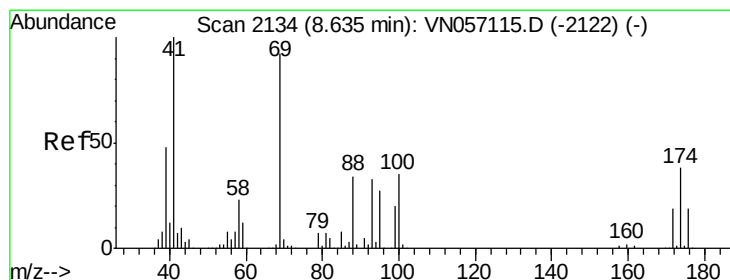
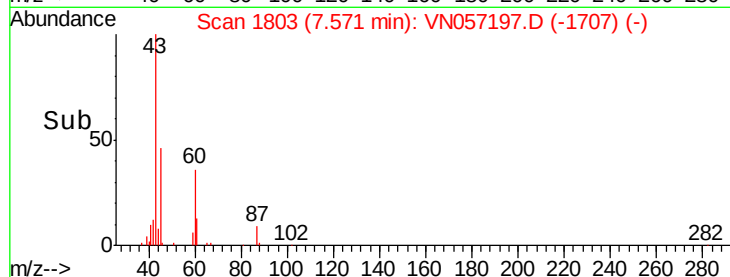
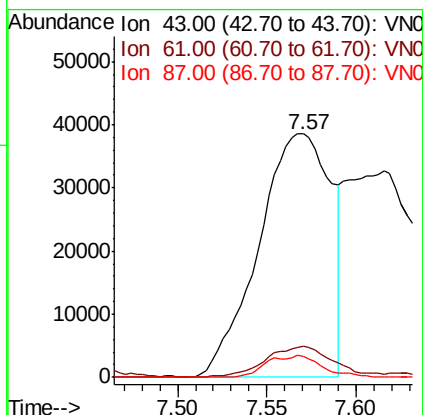
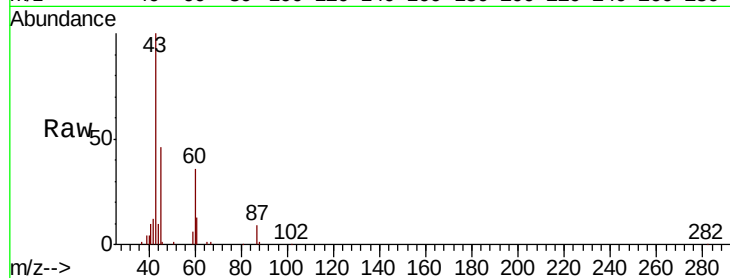
Tgt Ion: 43 Resp: 108902

Ion Ratio Lower Upper

43 100

61 12.0 24.2 36.2#

87 6.8 11.8 17.8#



#48

Methyl methacrylate

Concen: 2.003 ug/l

RT: 8.62 min Scan# 2129

Delta R.T. -0.02 min

Lab File: VN057197.D

Acq: 11 Aug 2019 19:06

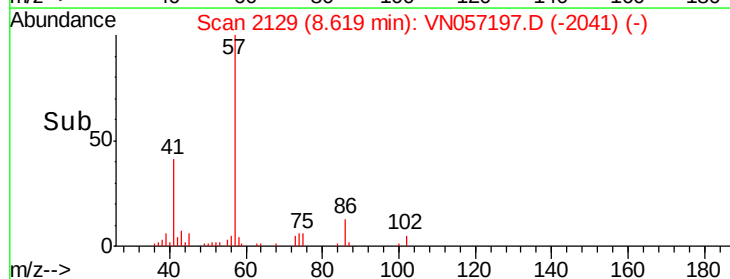
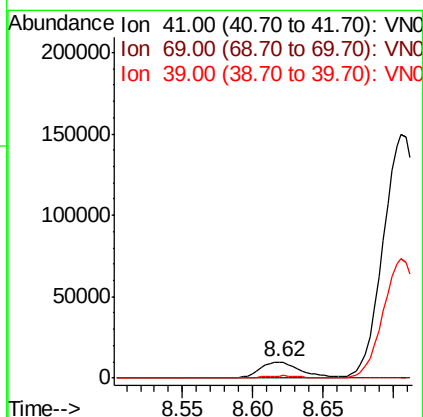
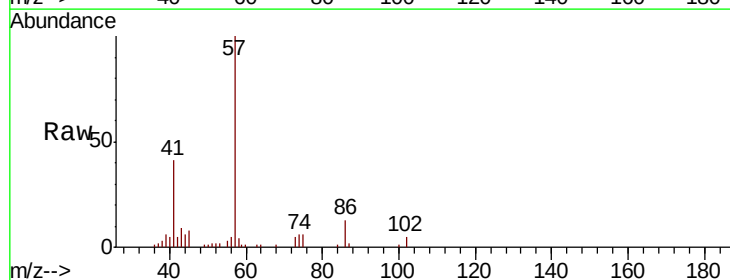
Tgt Ion: 41 Resp: 20298

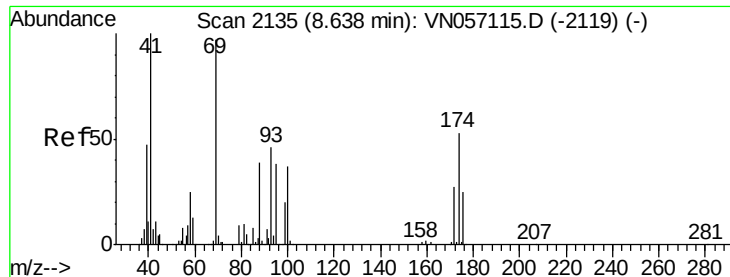
Ion Ratio Lower Upper

41 100

69 0.5 77.5 116.3#

39 0.0 39.8 59.6#

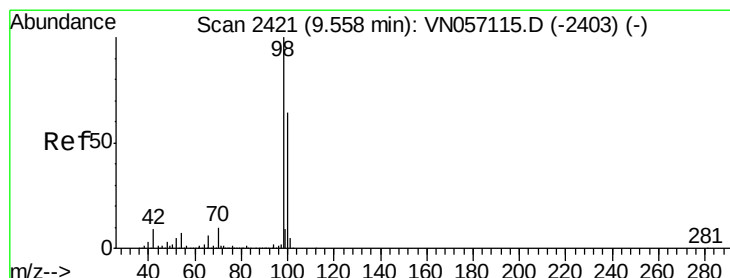
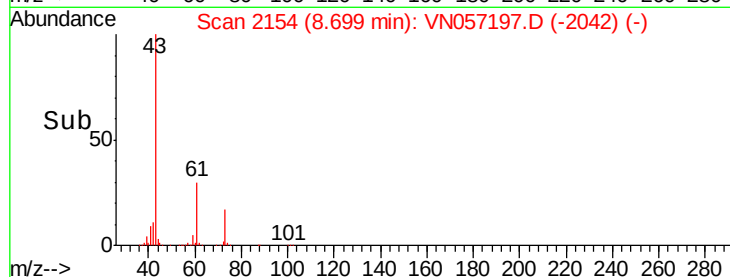
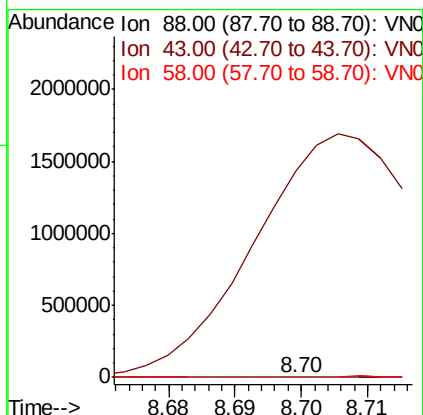
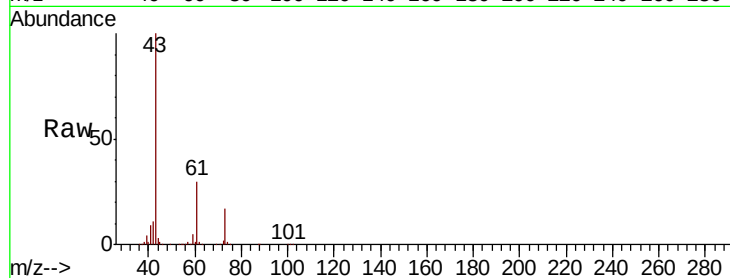




#49
 1,4-Dioxane
 Concen: 1.740 ug/l
 RT: 8.70 min Scan# 2154
 Delta R.T. 0.06 min
 Lab File: VN057197.D
 Acq: 11 Aug 2019 19:06

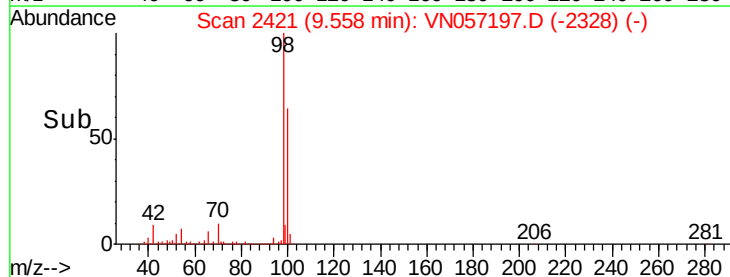
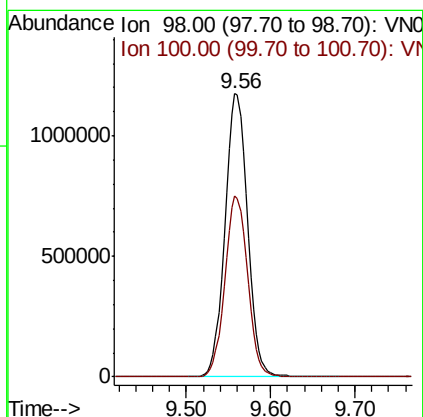
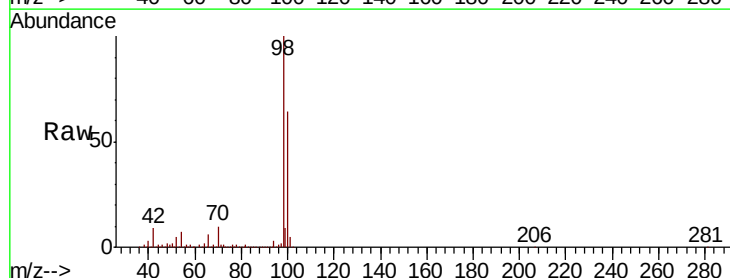
Instrument :
 MSVOA_N
 ClientSampleId :
 BERGEN-SP-1

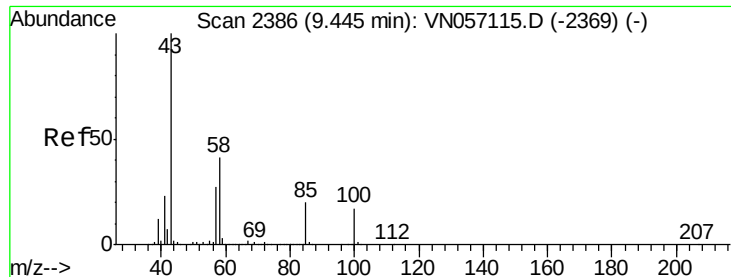
Tgt Ion: 88 Resp: 359
 Ion Ratio Lower Upper
 88 100
 43 0.0 21.7 32.5#
 58 0.0 51.1 76.7#



#50
 Toluene-d8
 Concen: 48.964 ug/l
 RT: 9.56 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: VN057197.D
 Acq: 11 Aug 2019 19:06

Tgt Ion: 98 Resp: 2180760
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.2 76.8

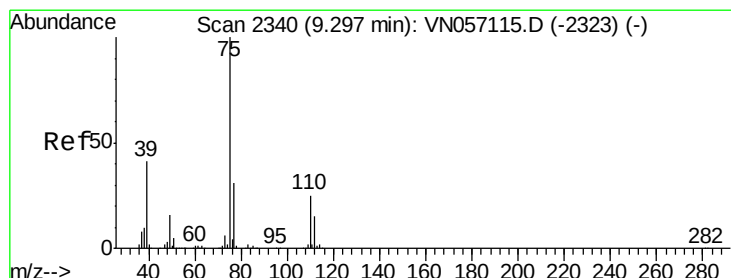
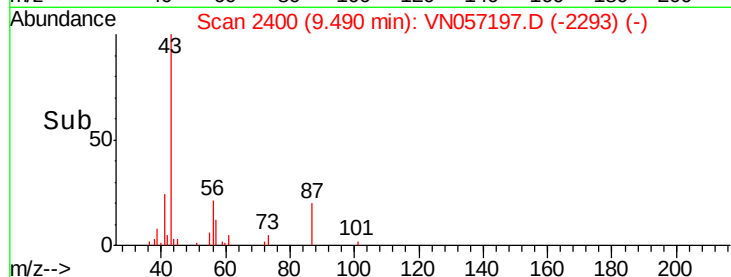
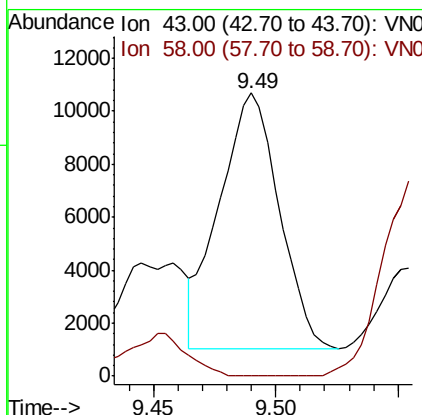
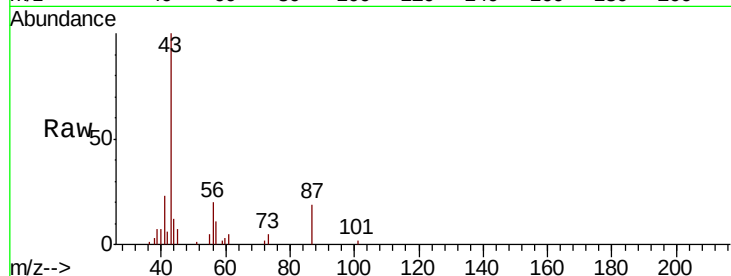




#51
 4-Methyl-2-Pentanone
 Concen: 1.312 ug/l
 RT: 9.49 min Scan# 2400
 Delta R.T. 0.04 min
 Lab File: VN057197.D
 Acq: 11 Aug 2019 19:06

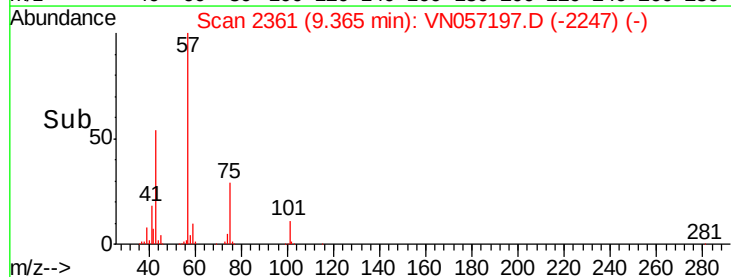
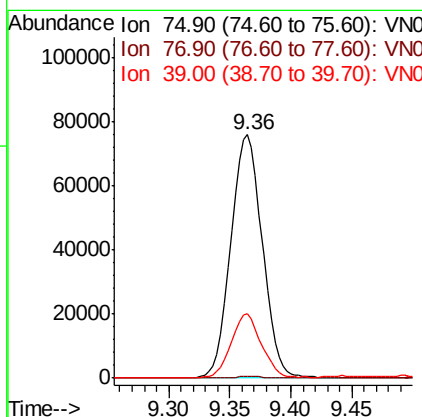
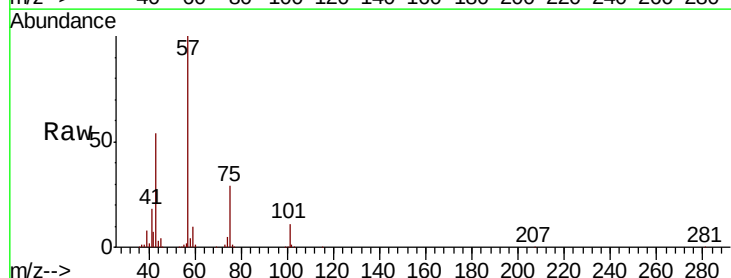
Instrument :
 MSVOA_N
 ClientSampled :
 BERGEN-SP-1

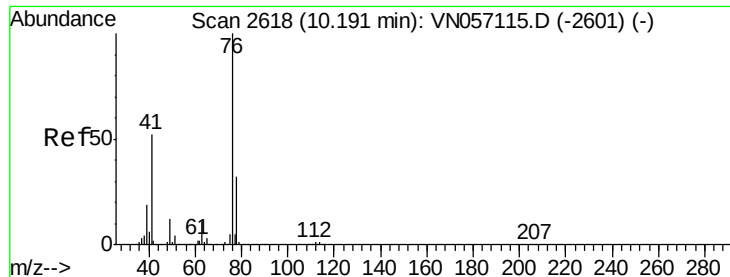
Tgt Ion: 43 Resp: 16403
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.2 49.8#



#54
 cis-1,3-Dichloropropene
 Concen: 7.323 ug/l
 RT: 9.36 min Scan# 2361
 Delta R.T. 0.07 min
 Lab File: VN057197.D
 Acq: 11 Aug 2019 19:06

Tgt Ion: 75 Resp: 136362
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.1 37.7#
 39 26.5 32.5 48.7#





#57

1,3-Dichloropropane

Concen: 1.529 ug/l

RT: 10.25 min Scan# 2637

Delta R.T. 0.06 min

Lab File: VN057197.D

Acq: 11 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

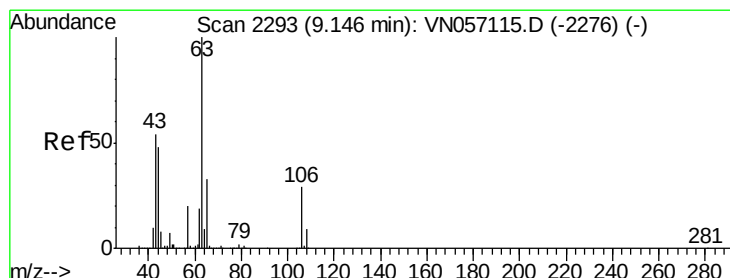
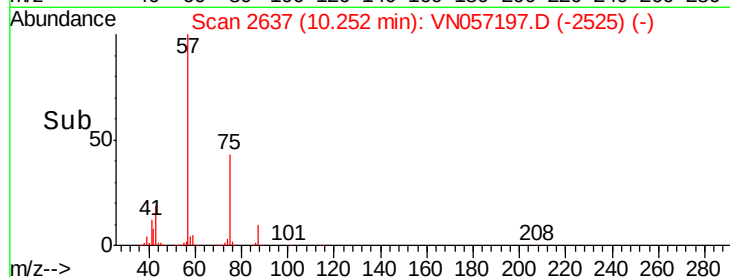
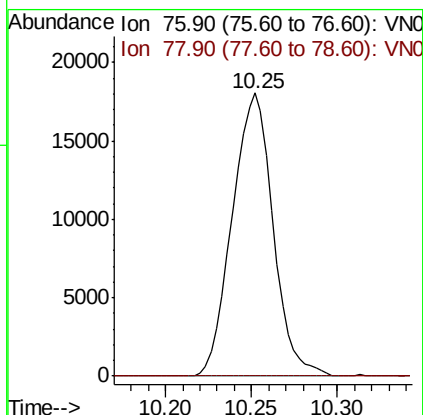
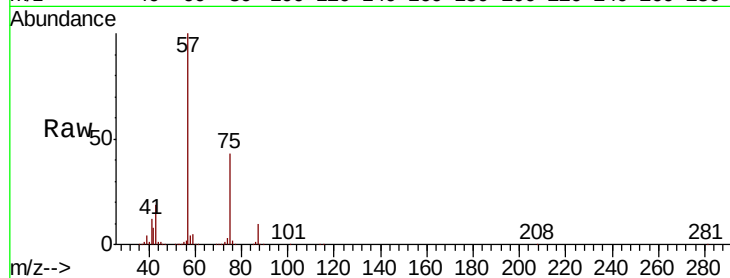
BERGEN-SP-1

Tgt Ion: 76 Resp: 29770

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#58

2-Chloroethyl Vinyl ether

Concen: 13.130 ug/l

RT: 8.92 min Scan# 2222

Delta R.T. -0.23 min

Lab File: VN057197.D

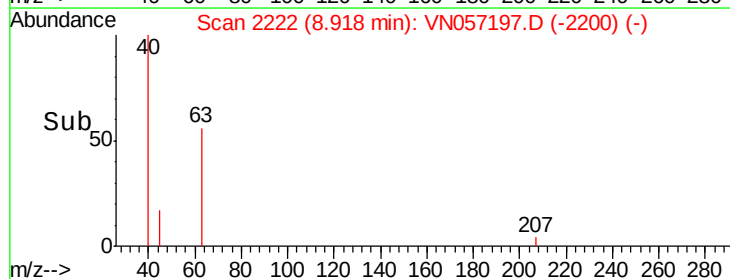
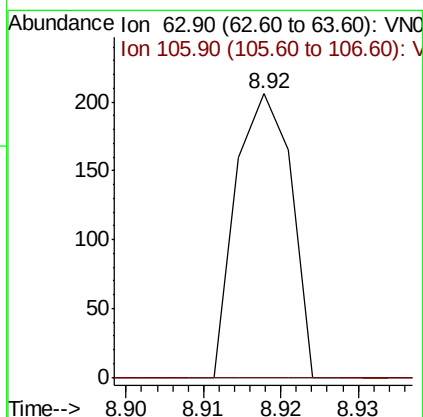
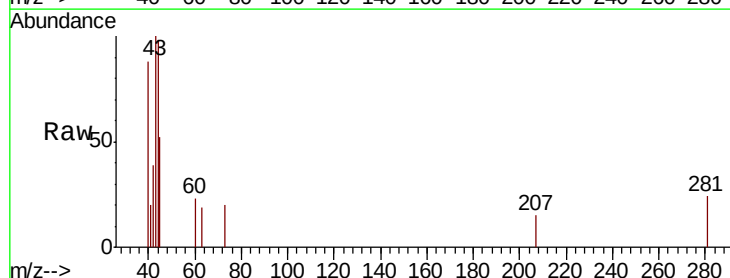
Acq: 11 Aug 2019 19:06

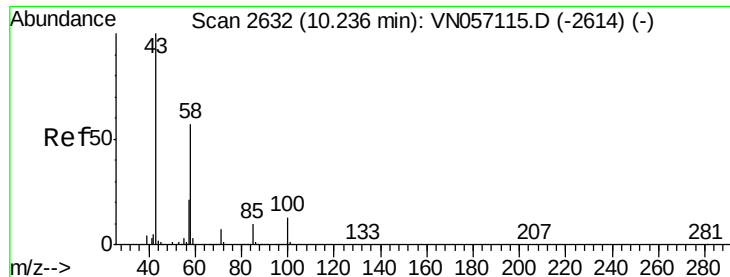
Tgt Ion: 63 Resp: 102

Ion Ratio Lower Upper

63 100

106 0.0 22.6 33.8#

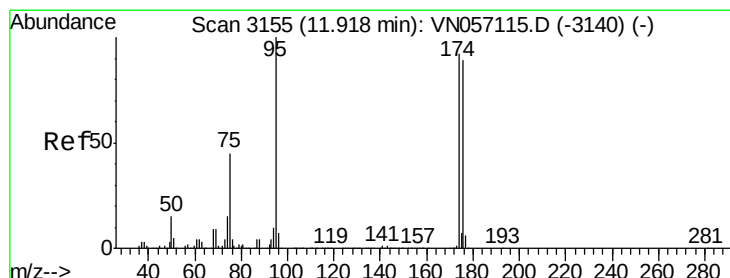
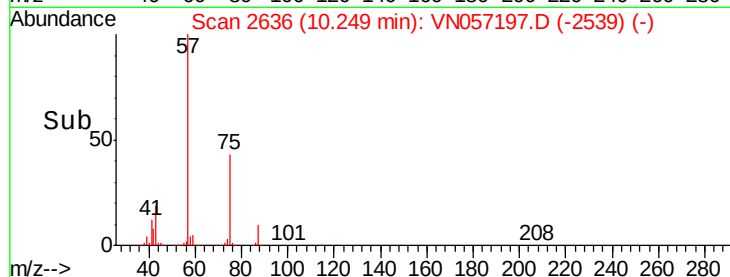
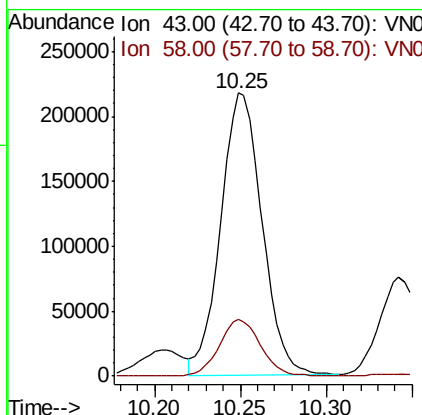
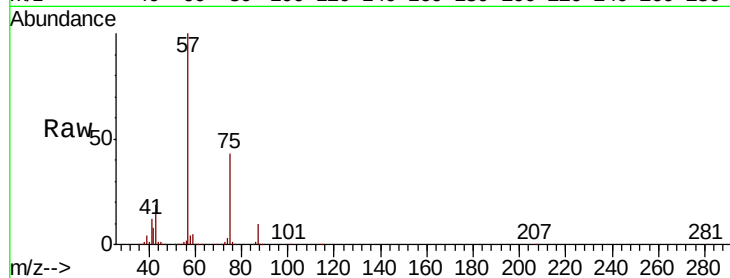




#59
2-Hexanone
Concen: 42.937 ug/l
RT: 10.25 min Scan# 2636
Delta R.T. 0.01 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

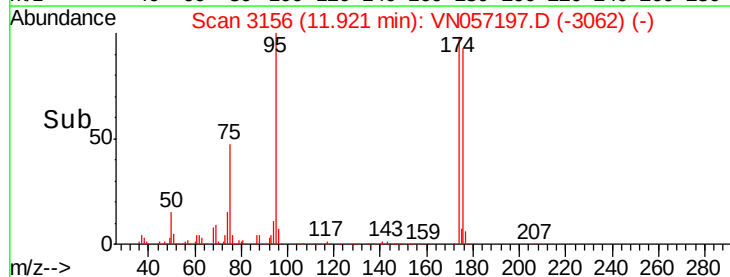
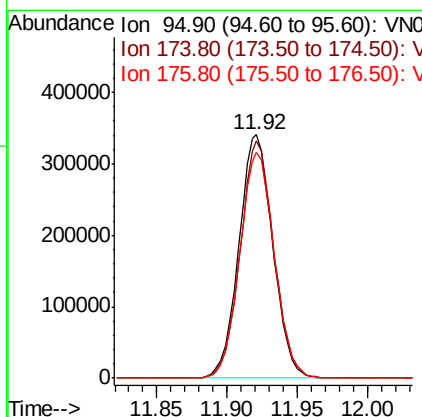
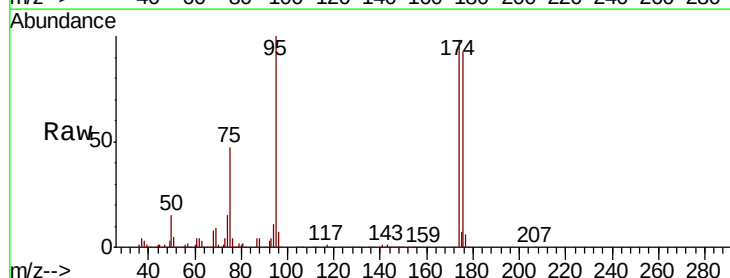
Instrument :
MSVOA_N
ClientSampleId :
BERGEN-SP-1

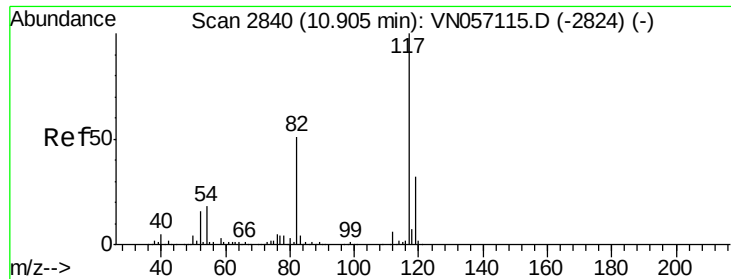
Tgt Ion: 43 Resp: 363401
Ion Ratio Lower Upper
43 100
58 20.2 29.2 87.6#



#62
4-Bromofluorobenzene
Concen: 39.902 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

Tgt Ion: 95 Resp: 572614
Ion Ratio Lower Upper
95 100
174 96.8 0.0 185.0
176 94.4 0.0 181.2

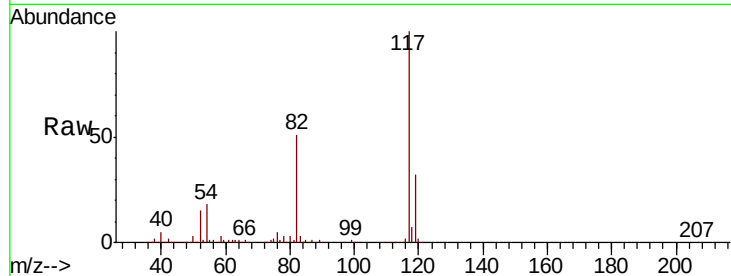




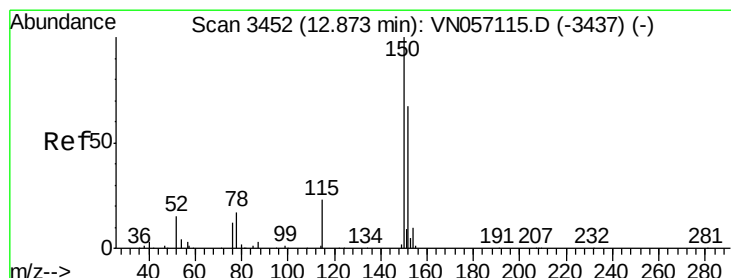
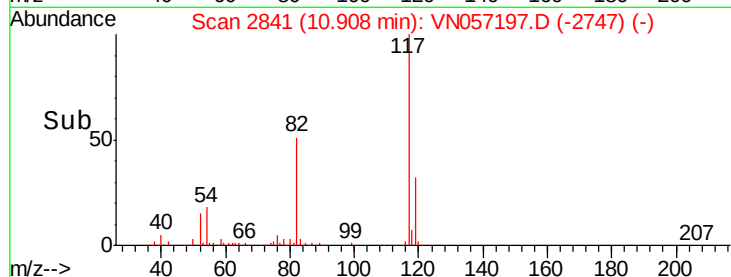
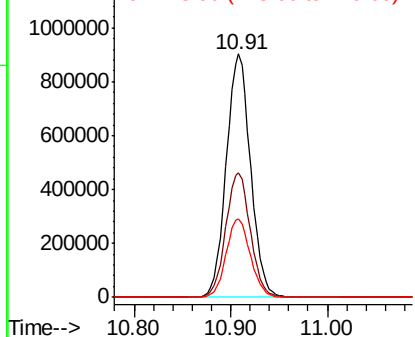
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

Instrument :
MSVOA_N
ClientSampleId :
BERGEN-SP-1

Tgt Ion:117 Resp: 1570959
Ion Ratio Lower Upper
117 100
82 51.2 40.8 61.2
119 32.3 25.7 38.5

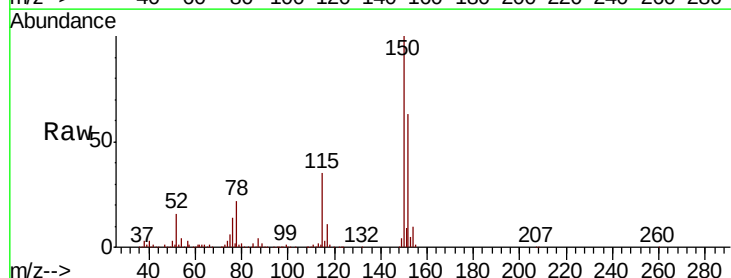


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

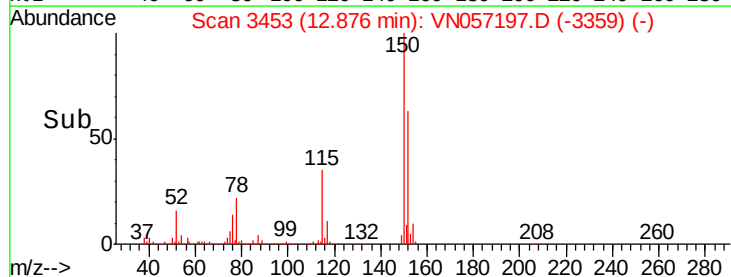
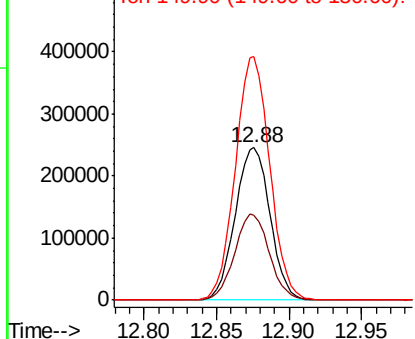


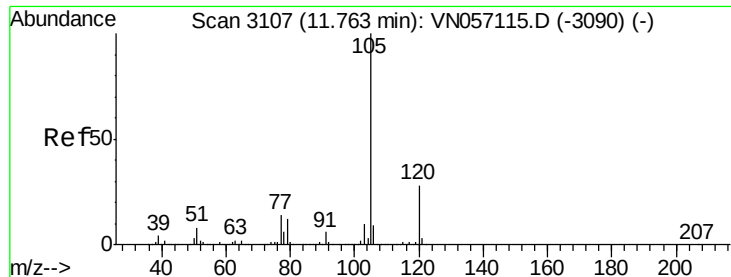
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

Tgt Ion:152 Resp: 409711
Ion Ratio Lower Upper
152 100
115 56.0 27.5 82.5
150 158.0 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

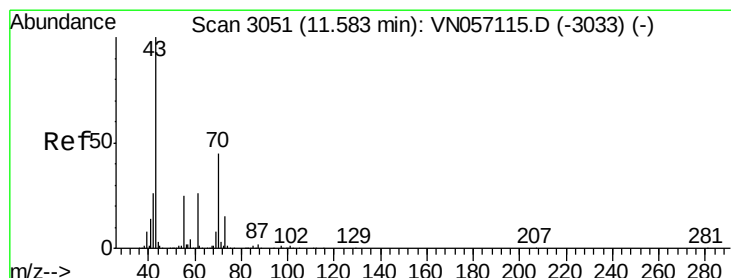
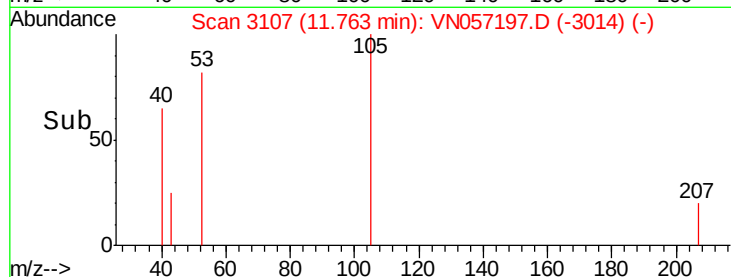
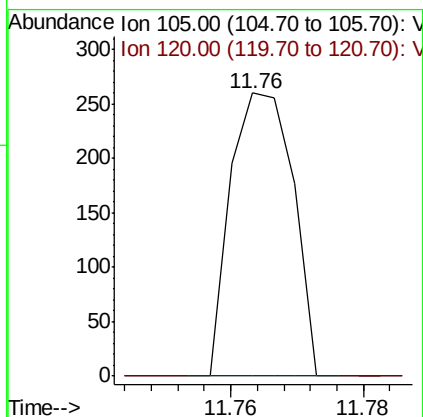
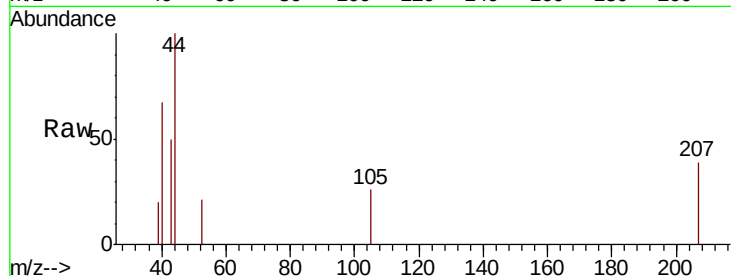




#73
Isopropylbenzene
Concen: Below Cal
RT: 11.76 min Scan# 3107
Delta R.T. 0.00 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

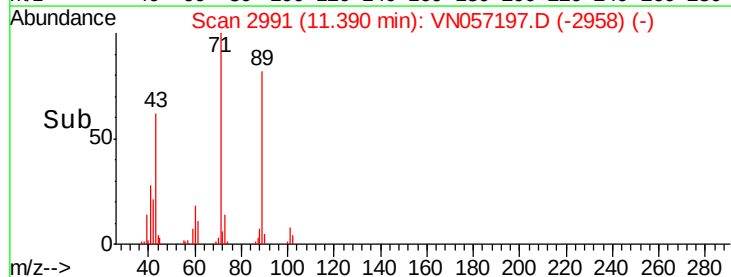
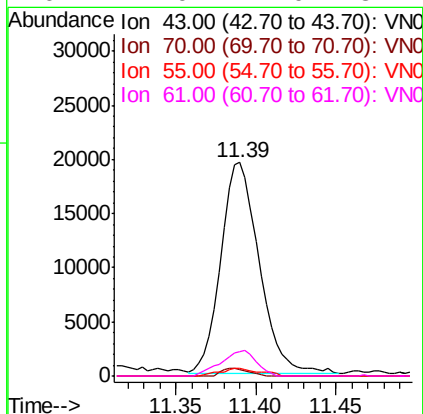
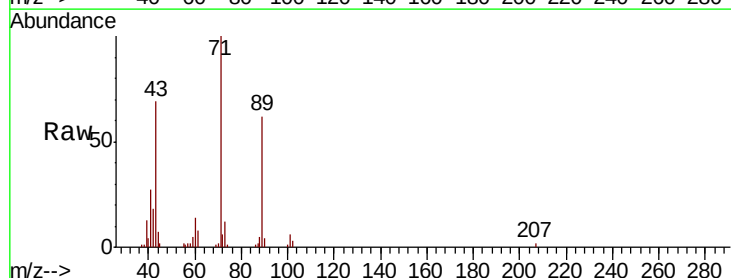
Instrument :
MSVOA_N
ClientSampleId :
BERGEN-SP-1

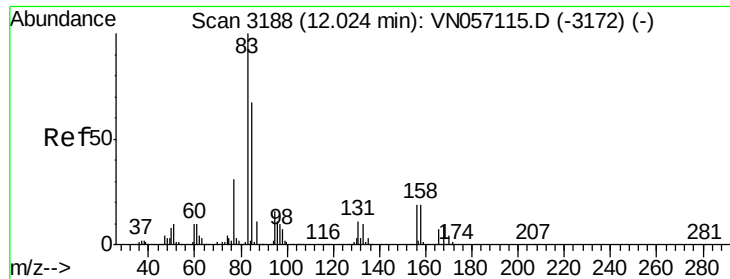
Tgt Ion: 105 Resp: 171
Ion Ratio Lower Upper
105 100
120 0.0 13.7 41.0#



#74
N-ethyl acetate
Concen: 3.077 ug/l
RT: 11.39 min Scan# 2991
Delta R.T. -0.19 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

Tgt Ion: 43 Resp: 31943
Ion Ratio Lower Upper
43 100
70 2.5 36.8 55.2#
55 3.7 20.6 31.0#
61 11.0 21.0 31.4#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.93 min Scan# 3159

Delta R.T. -0.09 min

Lab File: VN057197.D

Acq: 11 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampled :

BERGEN-SP-1

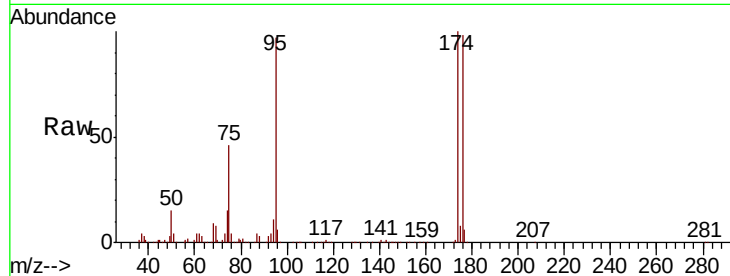
Tgt Ion: 83 Resp: 70

Ion Ratio Lower Upper

83 100

131 488.6 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): VN0

Ion 84.90 (84.60 to 85.60): VN0

500

400

300

200

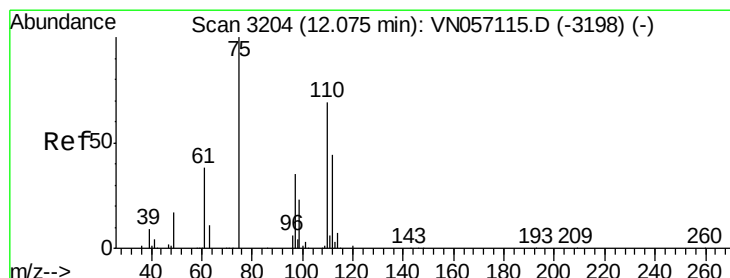
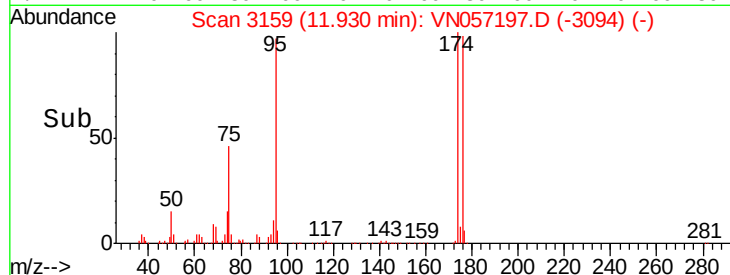
100

0

11.92 11.93 11.94

11.93

Time-->



#76

1,2,3-Trichloropropane

Concen: 32.586 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057197.D

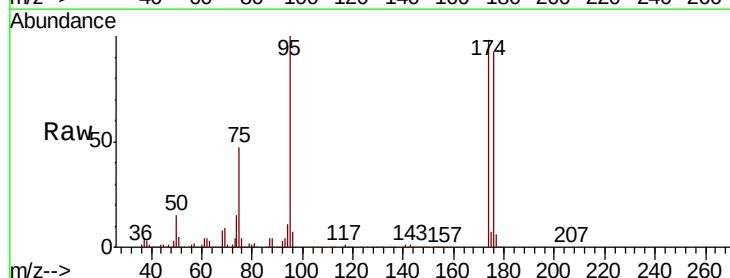
Acq: 11 Aug 2019 19:06

Tgt Ion: 75 Resp: 268838

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

150000

100000

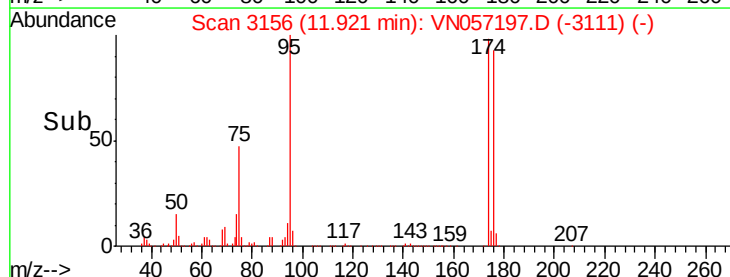
50000

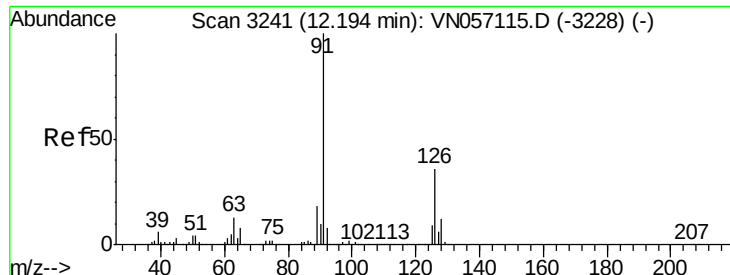
0

11.85 11.90 11.95 12.00

11.92

Time-->





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.19 min Scan# 3240

Delta R.T. -0.00 min

Lab File: VN057197.D

Acq: 11 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

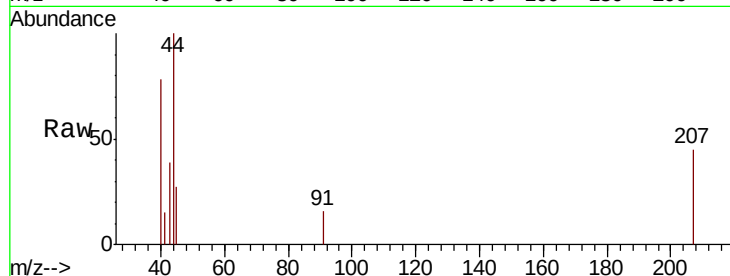
BERGEN-SP-1

Tgt Ion: 91 Resp: 62

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

12.19

150

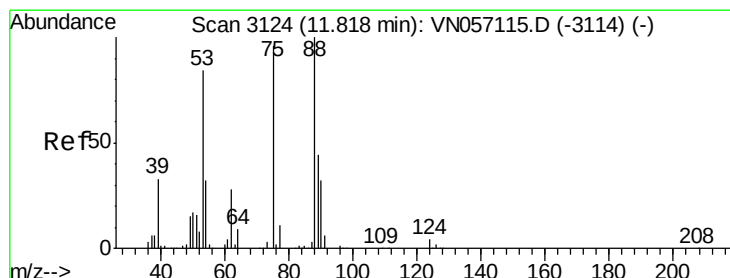
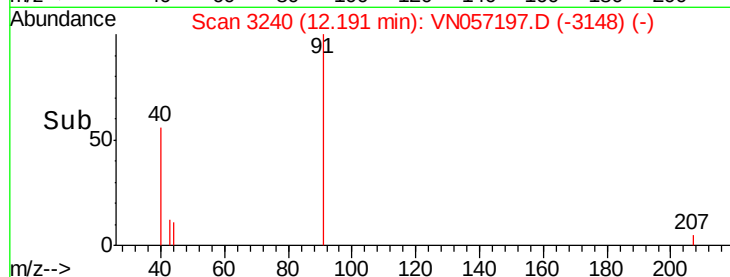
100

50

0

Time-->

12.18 12.19 12.20



#81

trans-1,4-Dichloro-2-butene

Concen: 96.479 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.10 min

Lab File: VN057197.D

Acq: 11 Aug 2019 19:06

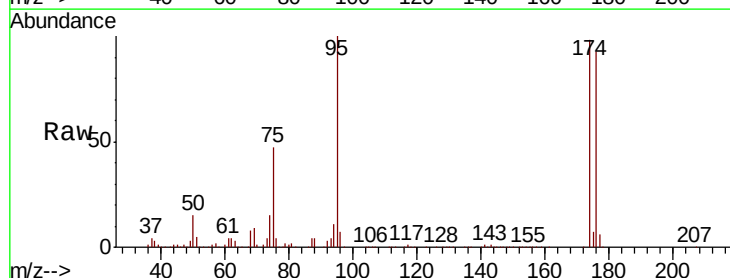
Tgt Ion: 75 Resp: 268838

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): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

200000

150000

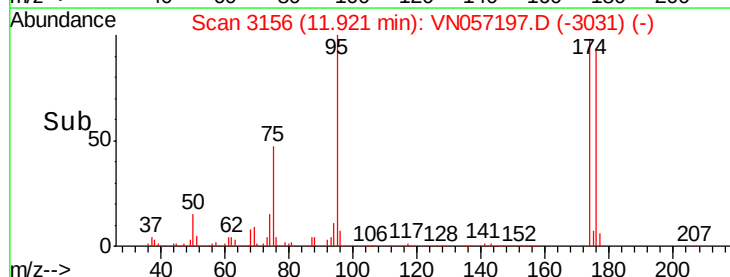
100000

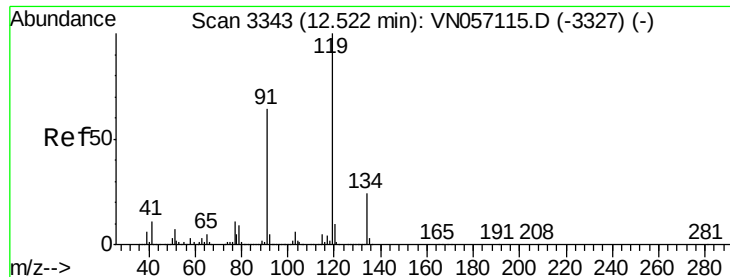
50000

0

Time-->

11.85 11.90 11.95 12.00

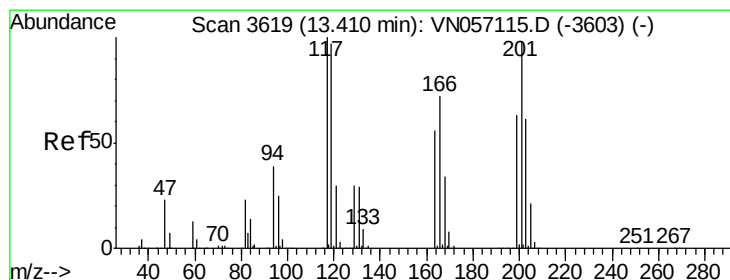
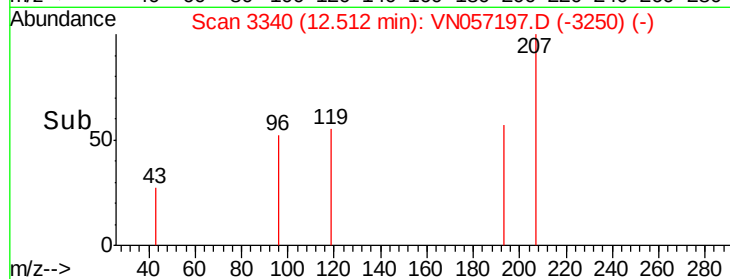
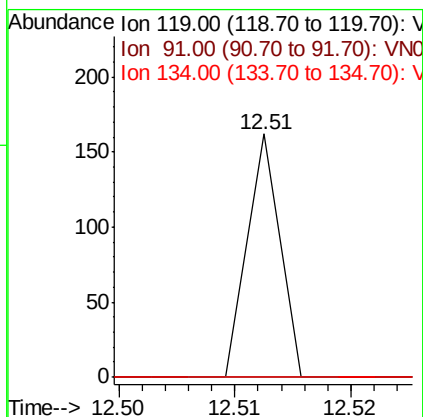
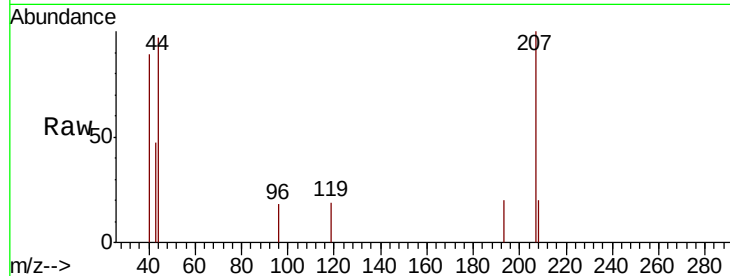




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.51 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

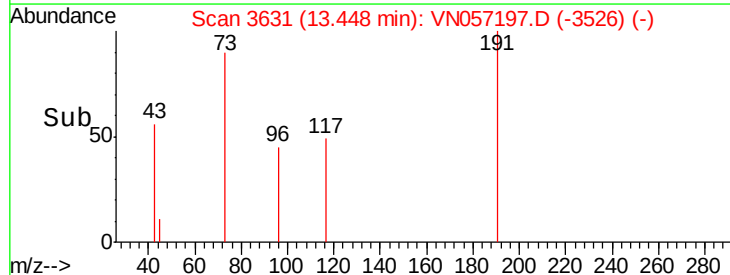
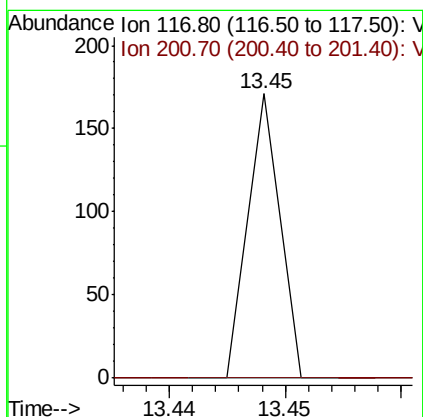
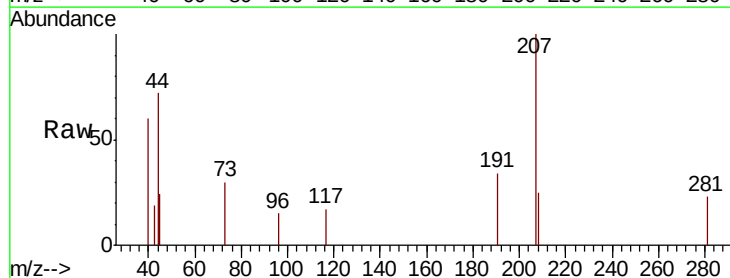
Instrument :
MSVOA_N
ClientSampleId :
BERGEN-SP-1

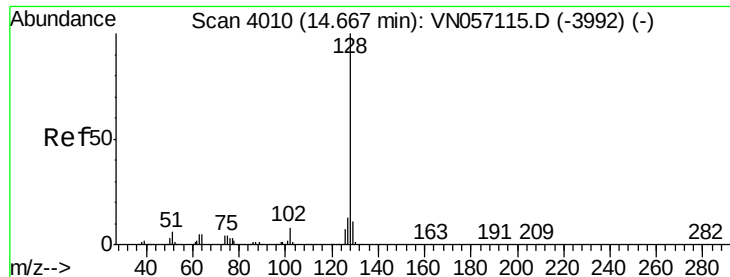
Tgt Ion:119 Resp: 31
Ion Ratio Lower Upper
119 100
91 0.0 31.4 94.2#
134 0.0 13.2 39.6#



#90
Hexachloroethane
Concen: Below Cal
RT: 13.45 min Scan# 3631
Delta R.T. 0.04 min
Lab File: VN057197.D
Acq: 11 Aug 2019 19:06

Tgt Ion:117 Resp: 33
Ion Ratio Lower Upper
117 100
201 0.0 49.3 147.8#





#95

Naphthalene

Concen: 2.823 ug/l

RT: 14.67 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VN057197.D

Acq: 11 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

BERGEN-SP-1

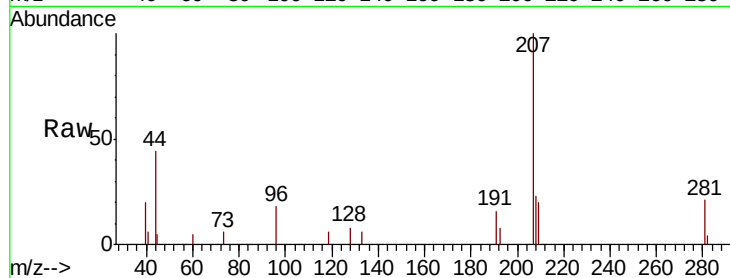
Tgt Ion:128 Resp: 225

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

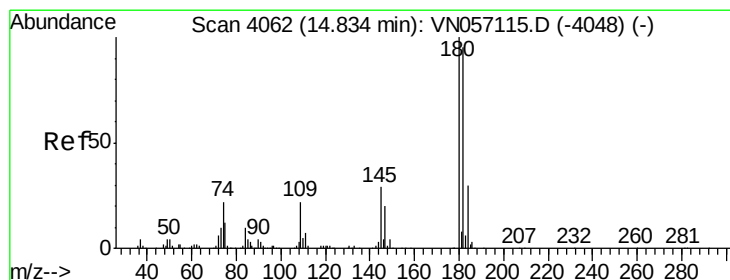
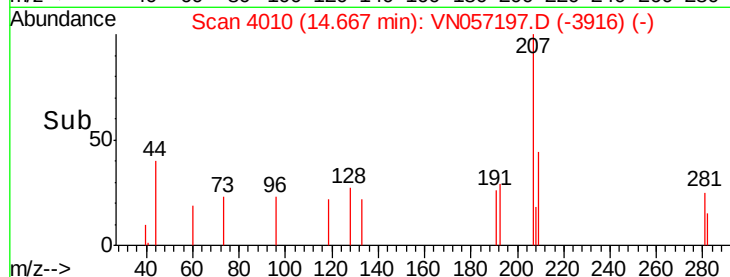
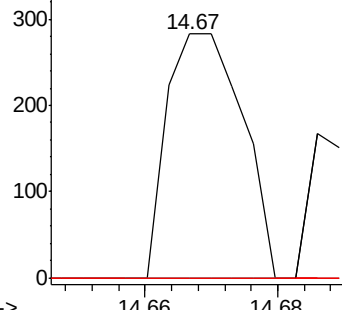
129 0.0 8.8 13.2#



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: 5.751 ug/l

RT: 14.83 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VN057197.D

Acq: 11 Aug 2019 19:06

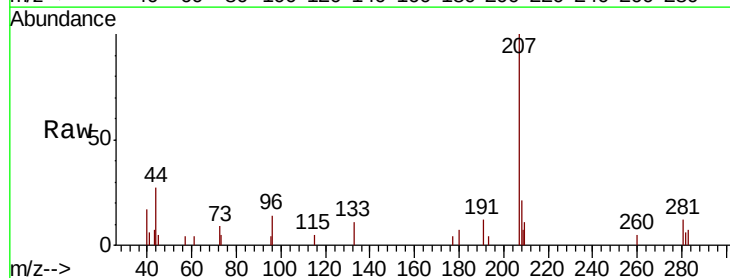
Tgt Ion:180 Resp: 209

Ion Ratio Lower Upper

180 100

182 0.0 48.3 144.8#

145 0.0 14.9 44.5#



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

