

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057621.D
 Acq On : 31 Aug 2019 18:15
 Operator : JC/SP
 Sample : K4583-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 23:47:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	307131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	526813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	438569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	120949	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	252340	36.37	ug/l	0.00
Spiked Amount			Recovery	=	72.74%	
35) Dibromofluoromethane	7.58	113	159278	34.62	ug/l	0.00
Spiked Amount			Recovery	=	69.24%	
50) Toluene-d8	10.08	98	655591	37.12	ug/l	0.00
Spiked Amount			Recovery	=	74.24%	
62) 4-Bromofluorobenzene	12.40	95	191835	28.56	ug/l	0.00
Spiked Amount			Recovery	=	57.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.51	94	824	0.294	ug/l #	23
11) Tert butyl alcohol	4.73	59	10259	14.098	ug/l #	81
13) Acrolein	3.59	56	256	0.885	ug/l #	14
16) Acetone	3.81	43	12722	6.543	ug/l #	88
18) Methyl Acetate	4.32	43	7408	1.110	ug/l #	83
20) Methylene Chloride	4.53	84	221306	45.974	ug/l	99
25) 2-Butanone	6.85	43	1018	0.314	ug/l #	53
29) Tetrahydrofuran	7.21	42	408	0.201	ug/l #	46
30) Chloroform	7.35	83	1919	0.205	ug/l	92
31) Cyclohexane	7.65	56	10647	1.158	ug/l #	14
36) 1,1-Dichloropropene	7.65	75	32402	4.639	ug/l #	51
38) Carbon Tetrachloride	7.65	117	34883	5.579	ug/l #	14
41) Methacrylonitrile	7.17	41	169	2.326	ug/l #	39
43) Isopropyl Acetate	8.16	43	62697	5.238	ug/l	99
45) 1,2-Dichloropropane	9.26	63	1267	0.224	ug/l #	44
48) Methyl methacrylate	9.18	41	4076	0.667	ug/l #	15
51) 4-Methyl-2-Pentanone	9.99	43	5046	0.736	ug/l #	81
53) t-1,3-Dichloropropene	10.38	75	31	3.224	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	22885	4.336	ug/l #	67
57) 1,3-Dichloropropane	10.77	76	3859	0.461	ug/l #	43
59) 2-Hexanone	10.76	43	63639	12.632	ug/l #	56
60) Dibromochloromethane	10.90	129	29	3.551	ug/l #	11
67) Ethyl Benzene	11.51	91	4505	0.211	ug/l	90
68) m/p-Xylenes	11.62	106	5747	0.764	ug/l	90
69) o-Xylene	11.95	106	2620	0.359	ug/l	97
70) Styrene	11.96	104	755	2.638	ug/l #	85
71) Bromoform	12.40	173	1234	6.599	ug/l #	1
74) N-amyl acetate	12.03	43	1487	0.258	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	113686	35.733	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	5449	0.542	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	113686	122.488	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.04	105	13938	1.434	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	1127	0.266	ug/l #	73
88) 1,4-Dichlorobenzene	13.37	146	1670	0.408	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:54:32 2019
Response via : Initial Calibration

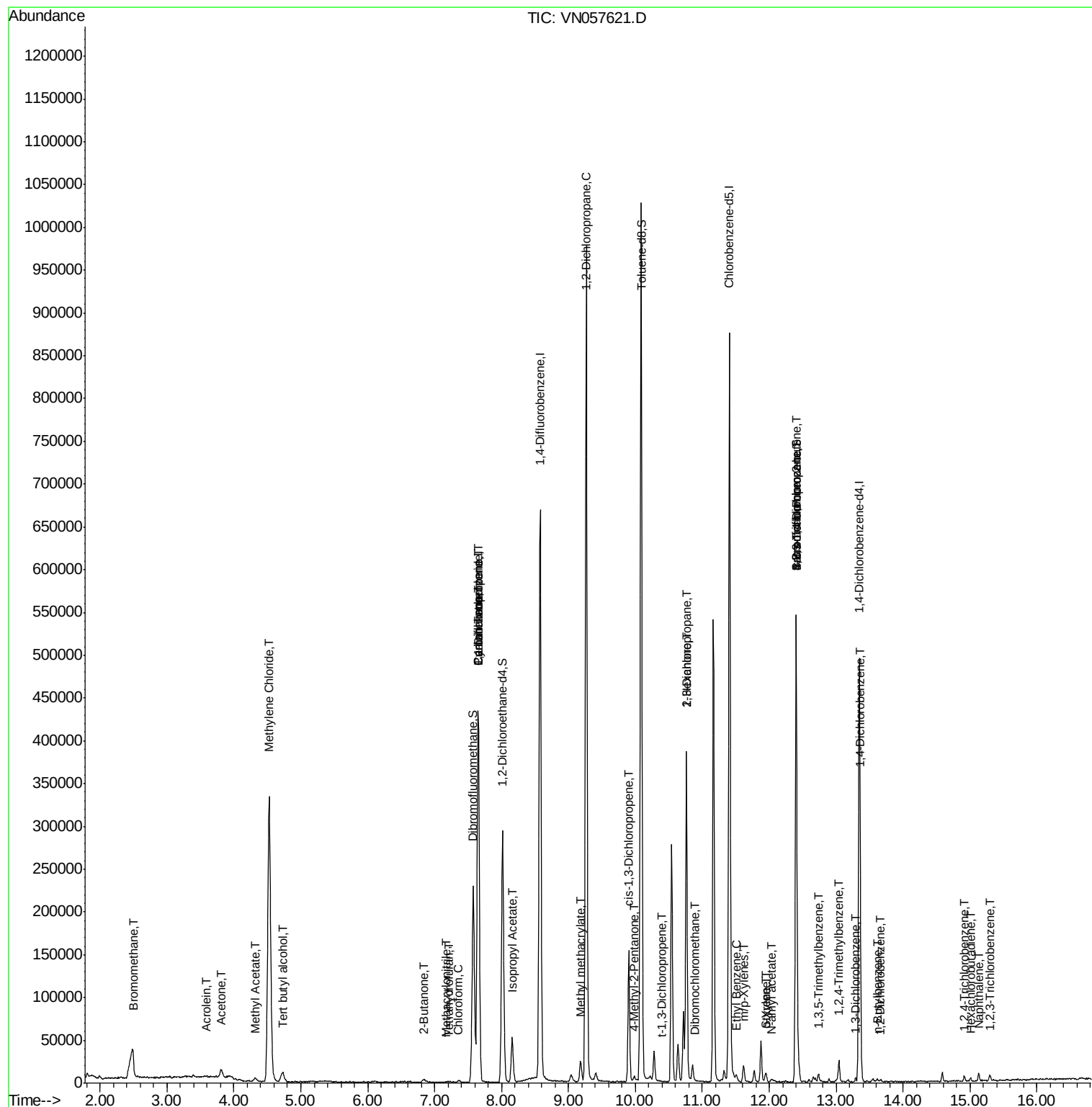
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.62	91	2669	0.300	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	1054	0.261	ug/l	84
93) 1,2,4-Trichlorobenzene	14.91	180	1824	9.164	ug/l	95
94) Hexachlorobutadiene	15.01	225	751	0.542	ug/l	93
95) Naphthalene	15.13	128	6522	7.985	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.29	180	1809	8.635	ug/l	95

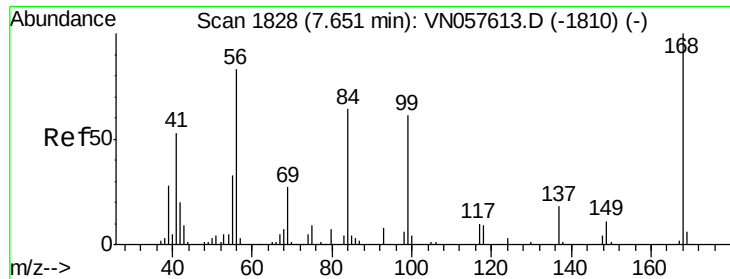
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

Instrument :

MSVOA_N

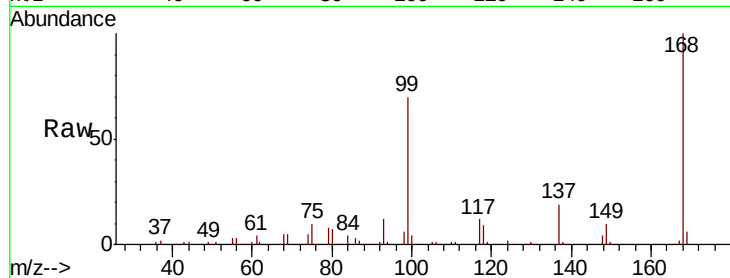
ClientSampled :

Tot Ion:168 Resp: 307131

Ion Ratio Lower Upper

168 100

99 69.6 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN057613.D (-1810) (-)

Ion 98.90 (98.60 to 99.60): VN057613.D (-1810) (-)

7.65

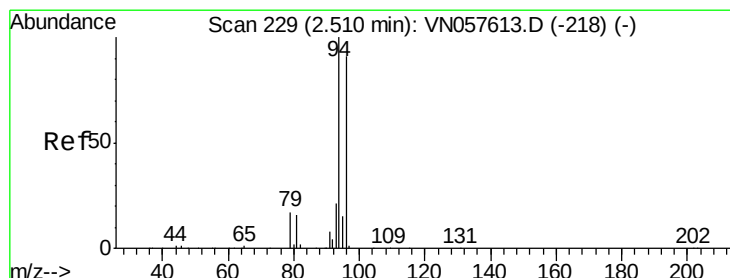
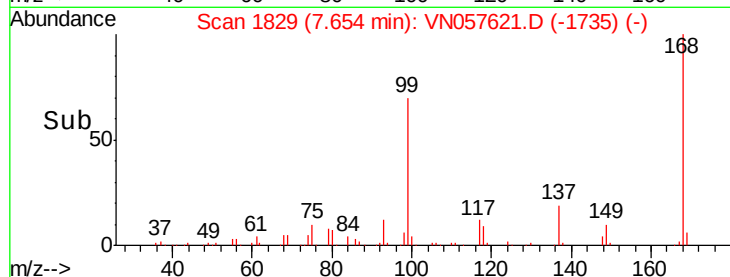
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.294 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.00 min

Lab File: VN057621.D

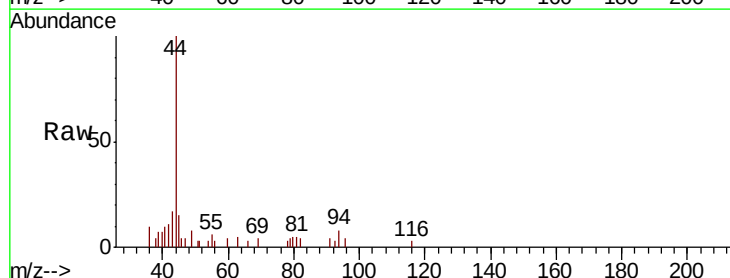
Acq: 31 Aug 2019 18:15

Tgt Ion: 94 Resp: 824

Ion Ratio Lower Upper

94 100

96 17.9 72.9 109.3#



Abundance Ion 93.90 (93.60 to 94.60): VN057613.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN057613.D (-218) (-)

800

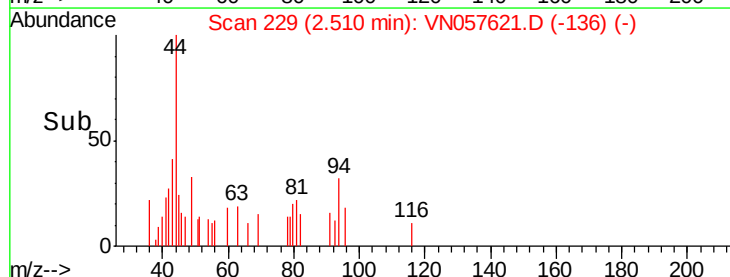
600

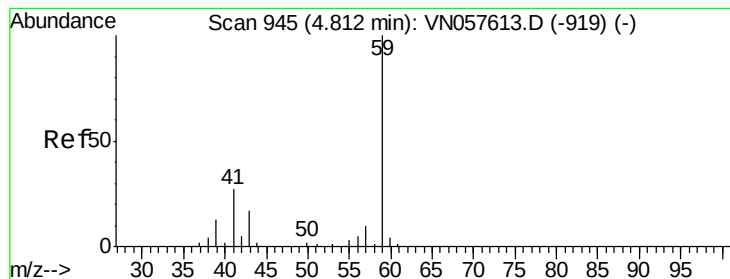
400

200

0

Time-->



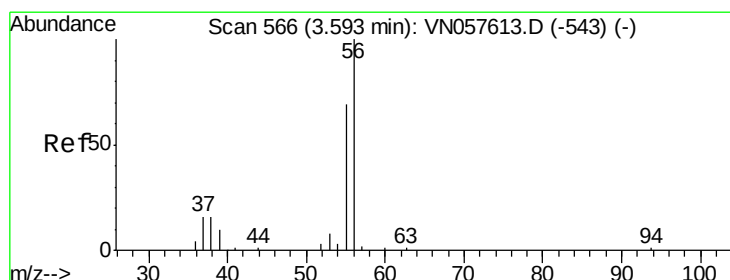
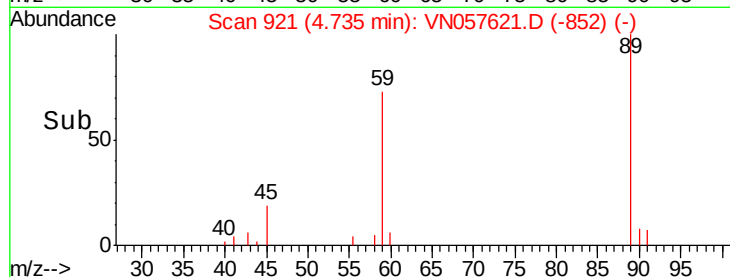
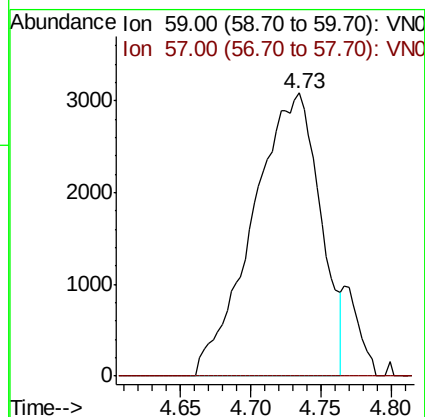
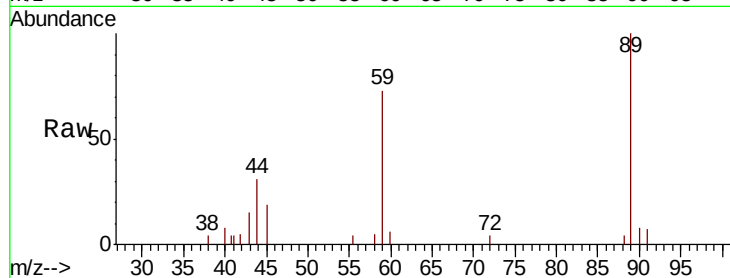


#11

Tert butyl alcohol
 Concen: 14.098 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.08 min
 Lab File: VN057621.D
 Acq: 31 Aug 2019 18:15

Instrument :
 MSVOA_N
 ClientSampled :

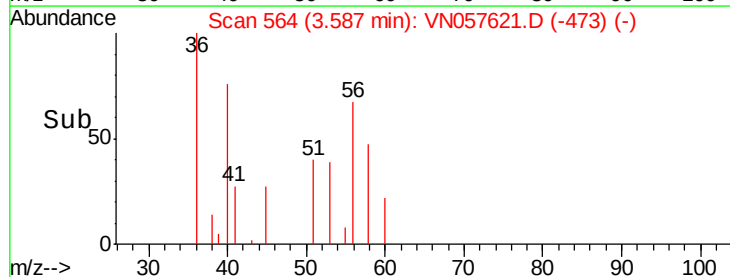
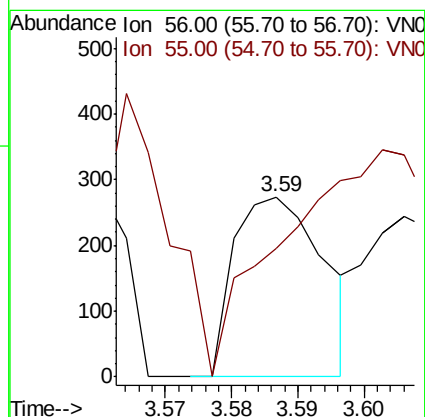
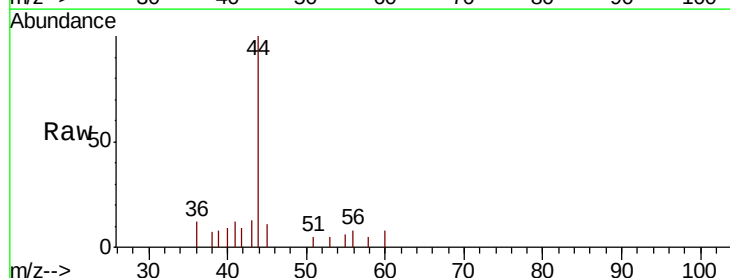
Tot Ion: 59 Resp: 10259
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.0 7.6#

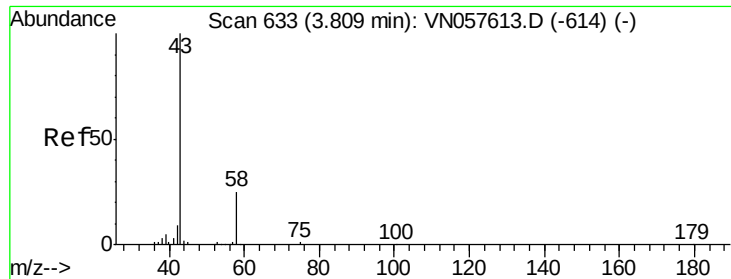


#13

Acrolein
 Concen: 0.885 ug/l
 RT: 3.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VN057621.D
 Acq: 31 Aug 2019 18:15

Tgt Ion: 56 Resp: 256
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.5 84.7#





#16

Acetone

Concen: 6.543 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

Instrument :

MSVOA_N

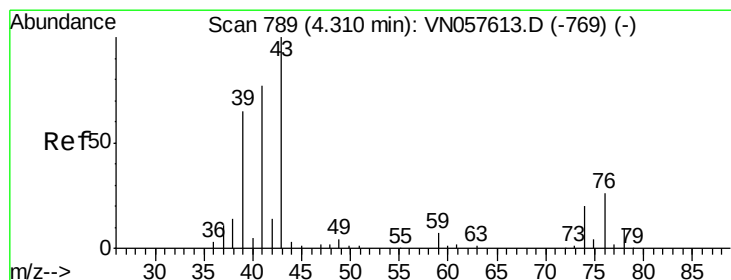
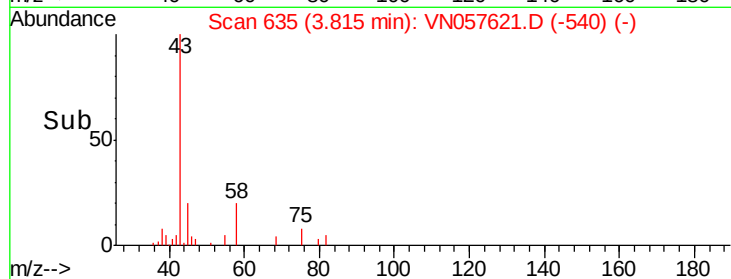
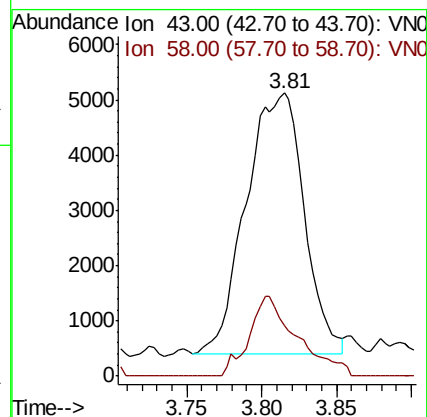
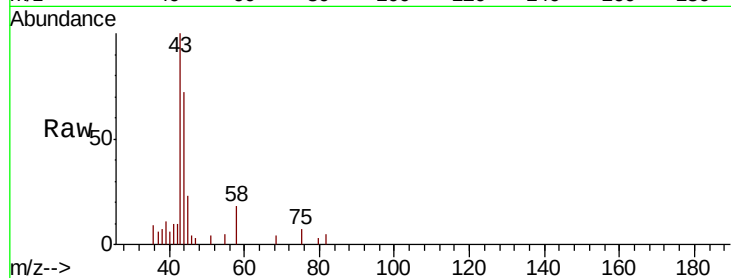
ClientSampleId :

Tot Ion: 43 Resp: 12722

Ion Ratio Lower Upper

43 100

58 19.2 20.0 30.0#



#18

Methyl Acetate

Concen: 1.110 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN057621.D

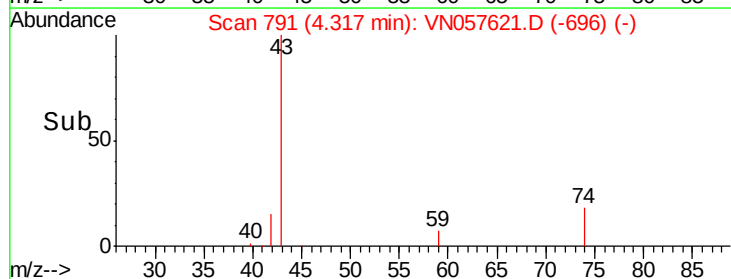
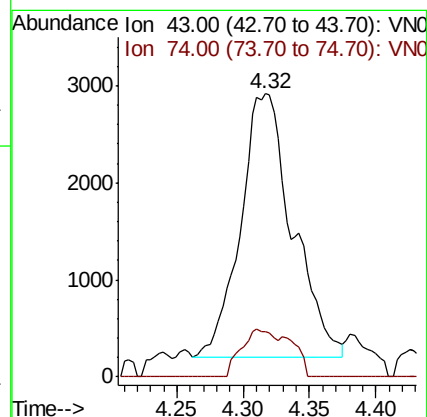
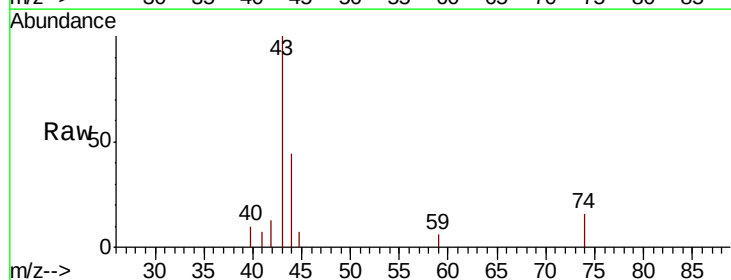
Acq: 31 Aug 2019 18:15

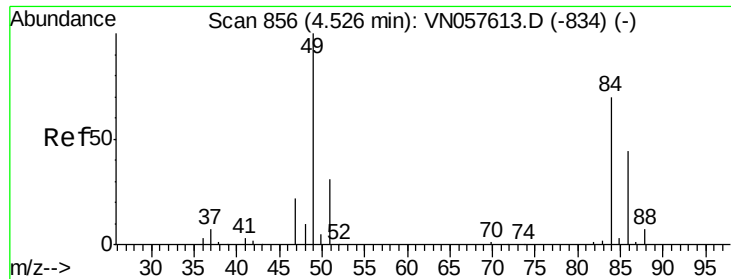
Tgt Ion: 43 Resp: 7408

Ion Ratio Lower Upper

43 100

74 11.7 15.7 23.5#

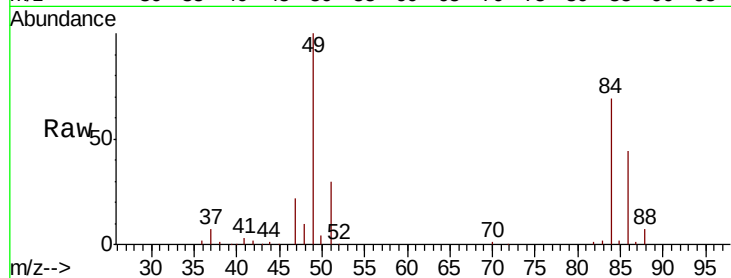




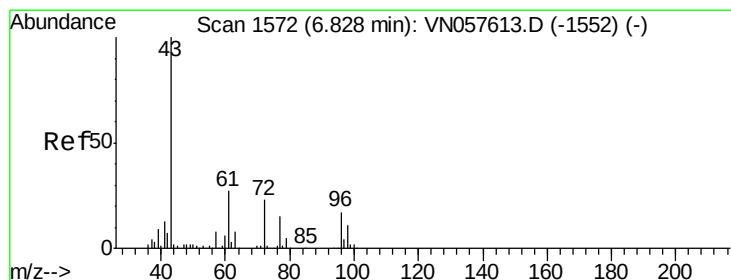
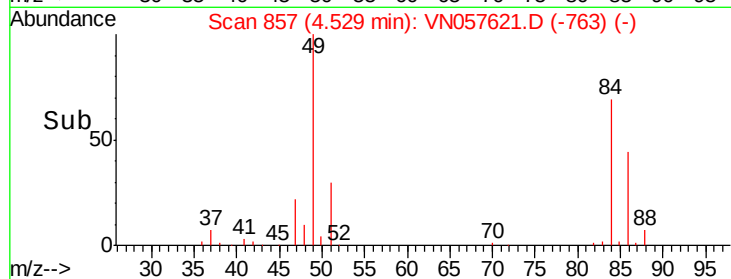
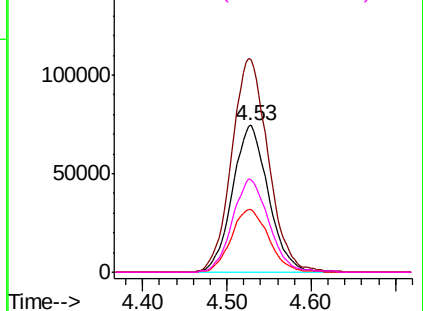
#20
Methvlene Chloride
Concen: 45.974 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	84	Resp:	221306
Ion	Ratio	Lower	Upper
84	100		
49	144.0	113.8	170.6
51	42.6	35.0	52.6
86	63.2	50.6	75.8

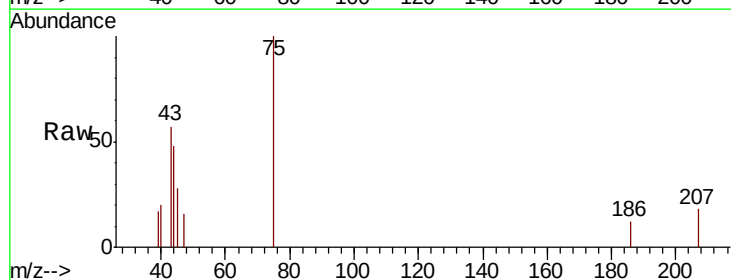


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

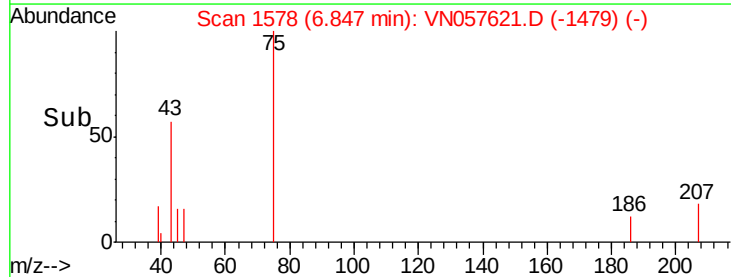
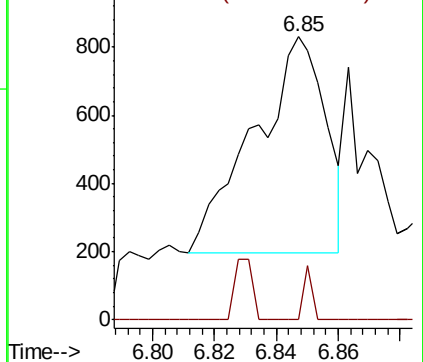


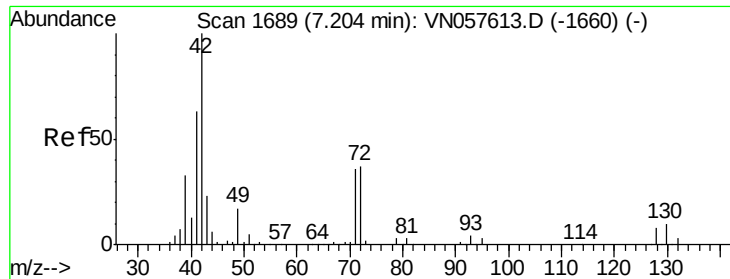
#25
2-Butanone
Concen: 0.314 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.02 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

Tgt Ion:	43	Resp:	1018
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.4#



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

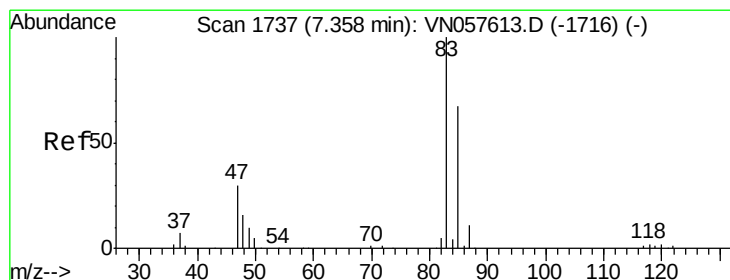
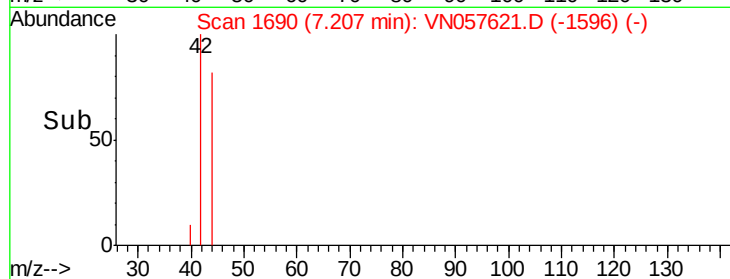
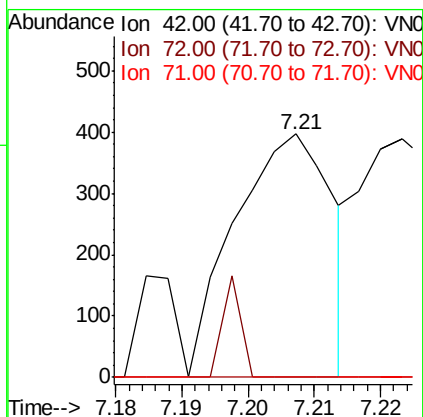
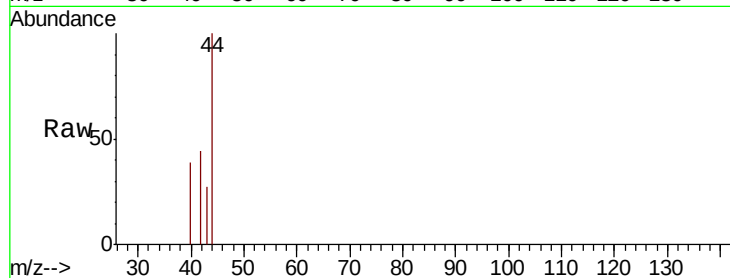




#29
Tetrahydrofuran
Concen: 0.201 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

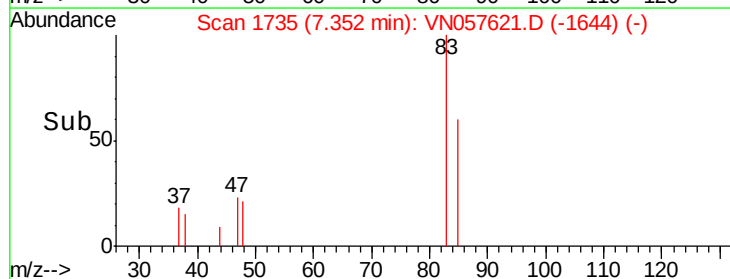
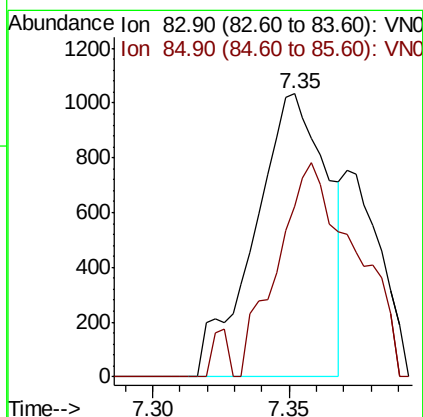
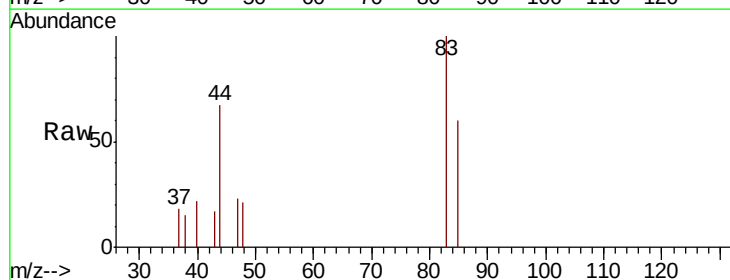
Instrument :
MSVOA_N
ClientSampleId :

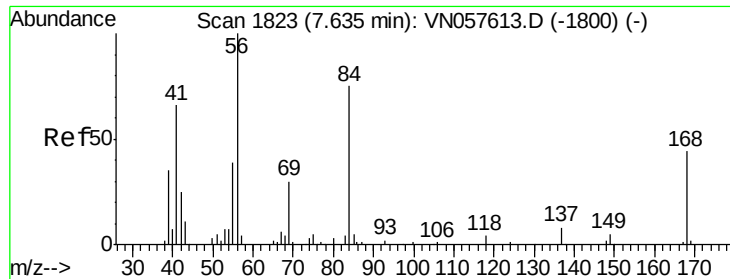
Tot Ion	Ratio	Lower	Upper
42	100		
72	7.8	29.6	44.4#
71	0.0	27.9	41.9#



#30
Chloroform
Concen: 0.205 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.01 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.2	53.2	79.8

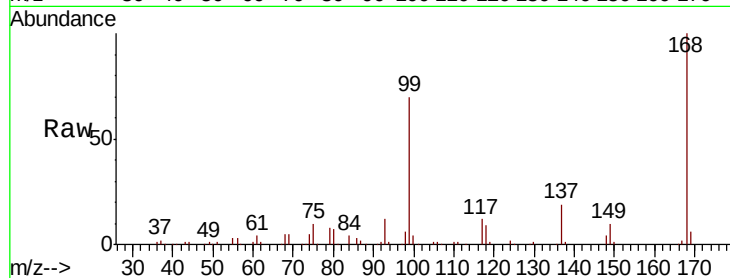




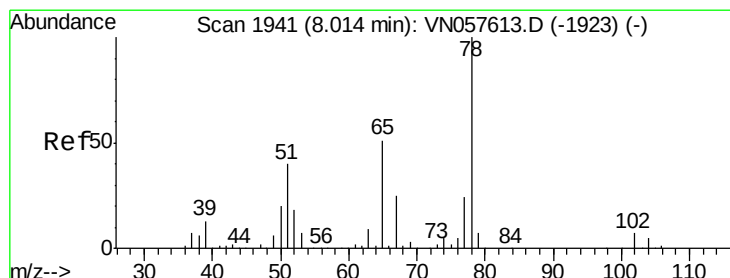
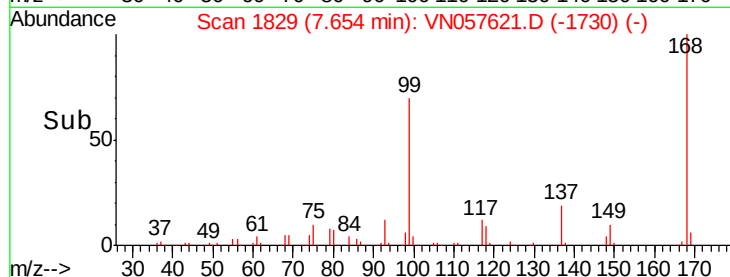
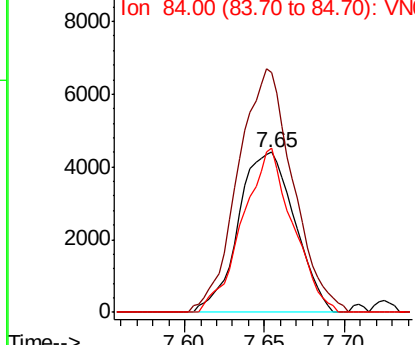
#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 10647
Ion Ratio Lower Upper
56 100
69 150.0 24.4 36.6#
84 102.6 59.9 89.9#

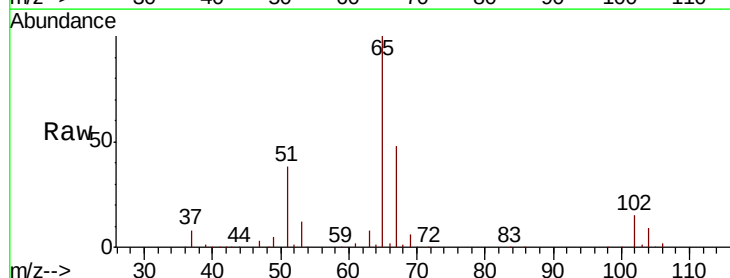


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

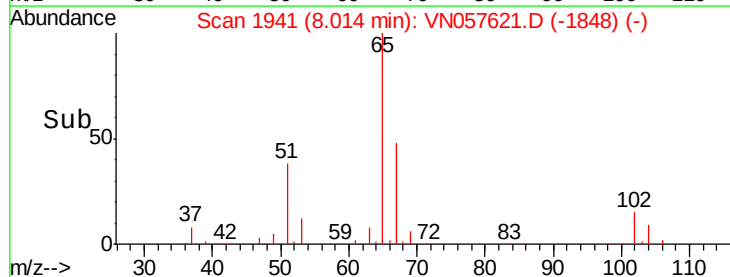
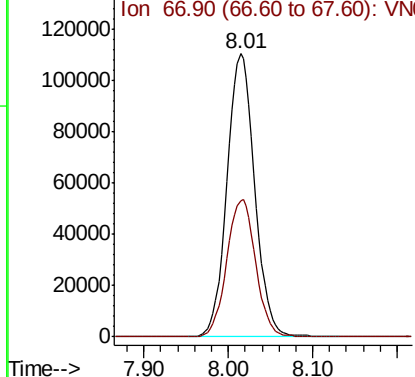


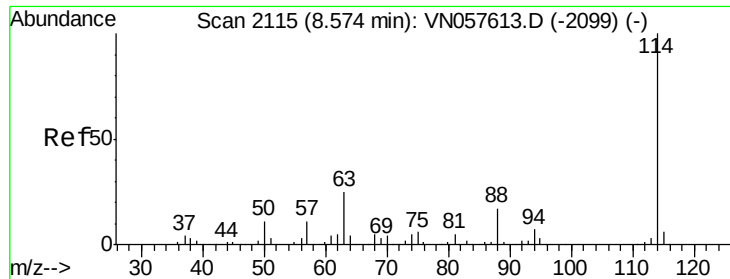
#33
1,2-Dichloroethane-d4
Concen: 36.371 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

Tgt Ion: 65 Resp: 252340
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.2



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

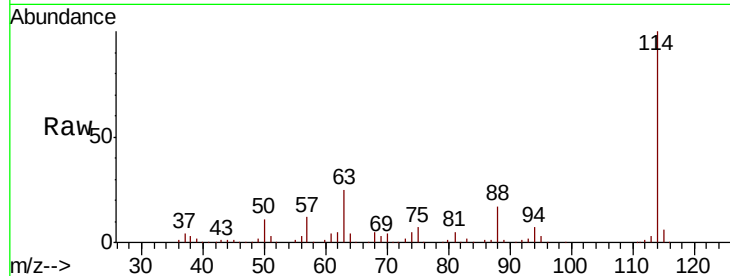




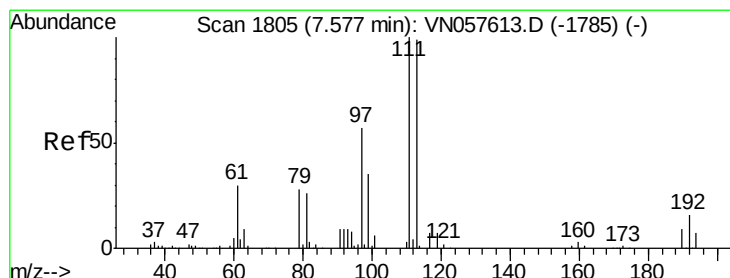
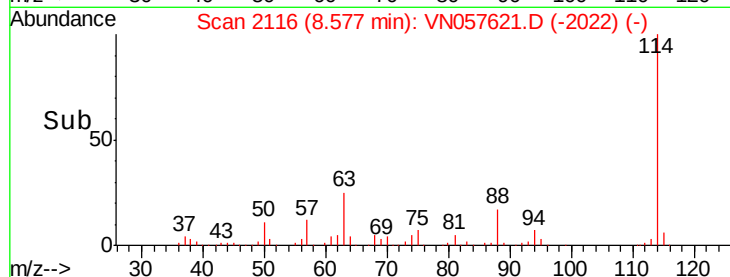
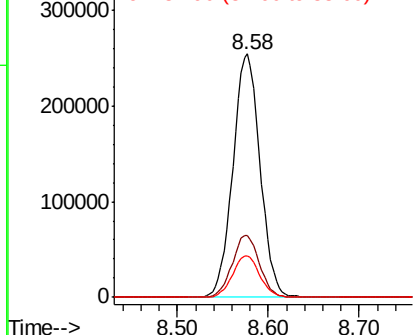
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 526813
Ion Ratio Lower Upper
114 100
63 25.2 0.0 49.0
88 17.3 0.0 33.0

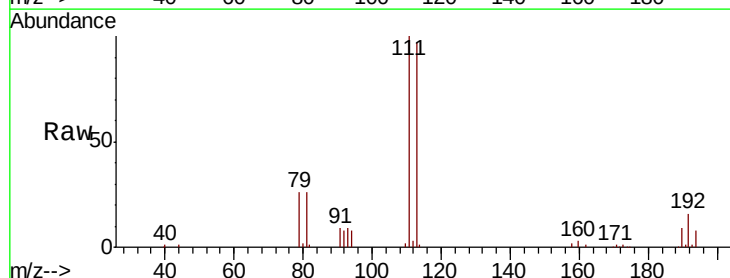


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

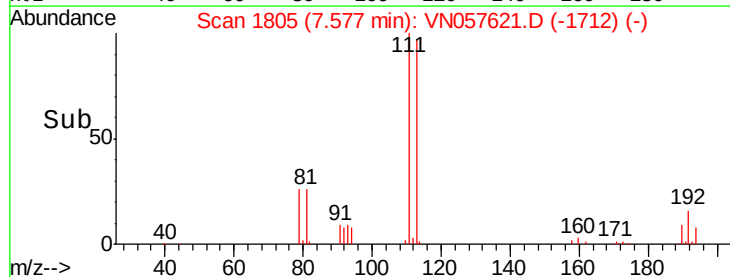
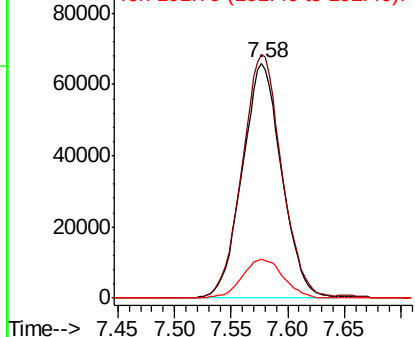


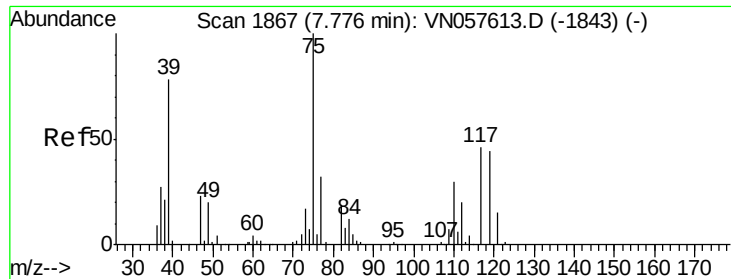
#35
Dibromofluoromethane
Concen: 34.621 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

Tgt Ion:113 Resp: 159278
Ion Ratio Lower Upper
113 100
111 104.7 81.3 121.9
192 17.4 13.5 20.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

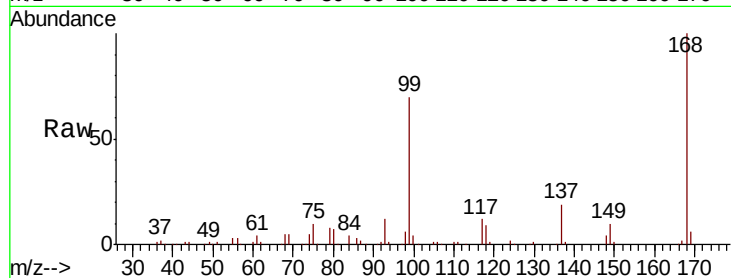




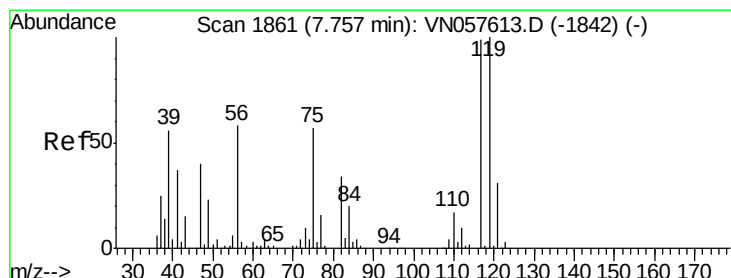
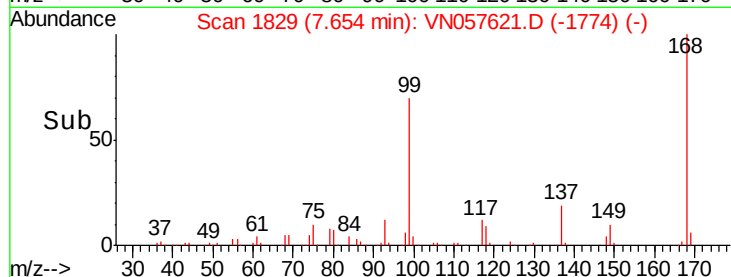
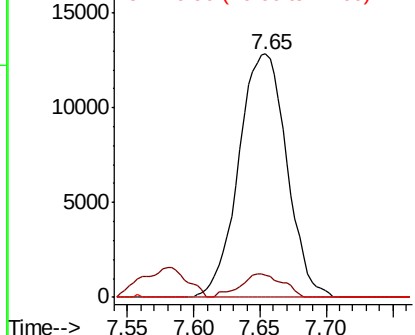
#36
 1,1-Dichloropropene
 Concen: 4.639 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN057621.D
 Acq: 31 Aug 2019 18:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.6	46.8#
77	0.0	24.9	37.3#

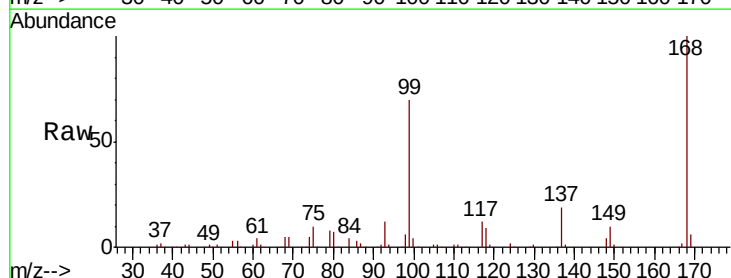


Abundance Ion 74.90 (74.60 to 75.60): VN057621.D (-1774) (-)
 Ion 109.90 (109.60 to 110.60): VN057621.D (-1774) (-)
 Ion 76.90 (76.60 to 77.60): VN057621.D (-1774) (-)

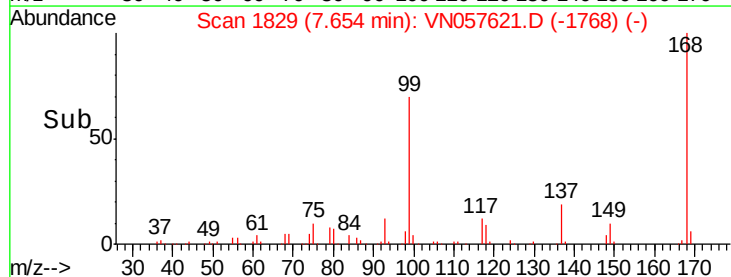
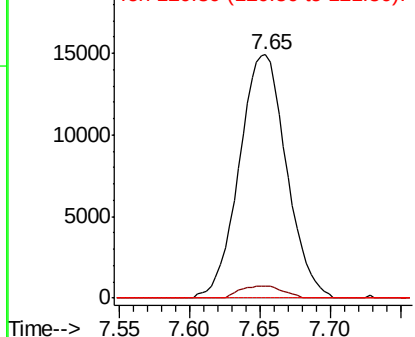


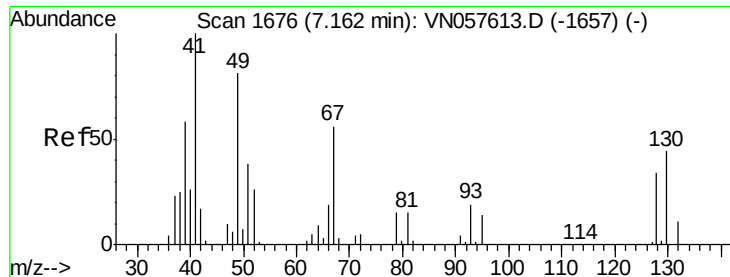
#38
 Carbon Tetrachloride
 Concen: 5.579 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.10 min
 Lab File: VN057621.D
 Acq: 31 Aug 2019 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	80.6	120.8#
121	0.0	25.1	37.7#



Abundance Ion 116.80 (116.50 to 117.50): VN057621.D (-1768) (-)
 Ion 118.80 (118.50 to 119.50): VN057621.D (-1768) (-)
 Ion 120.80 (120.50 to 121.50): VN057621.D (-1768) (-)

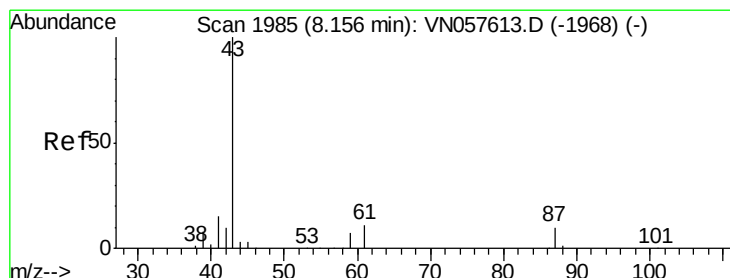
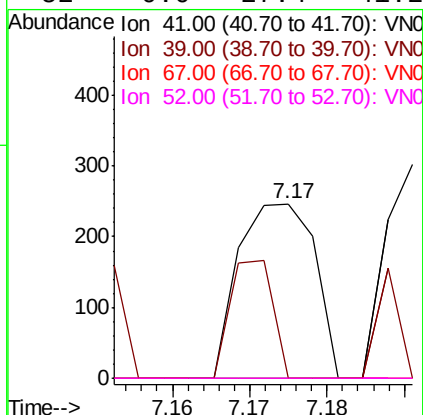
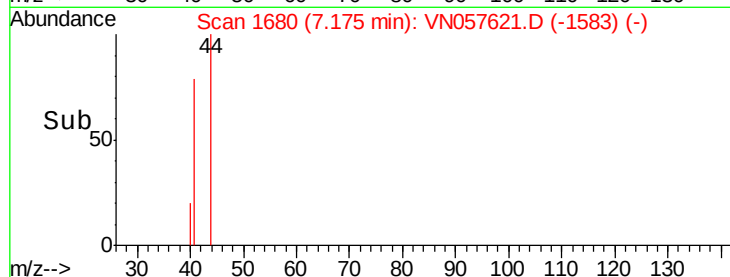
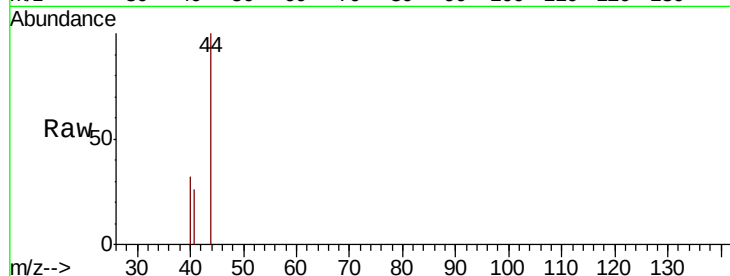




#41
Methacrylonitrile
Concen: 2.326 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

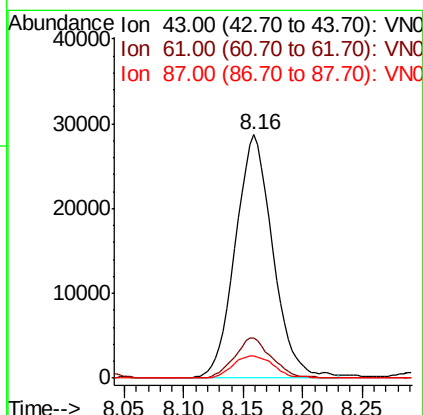
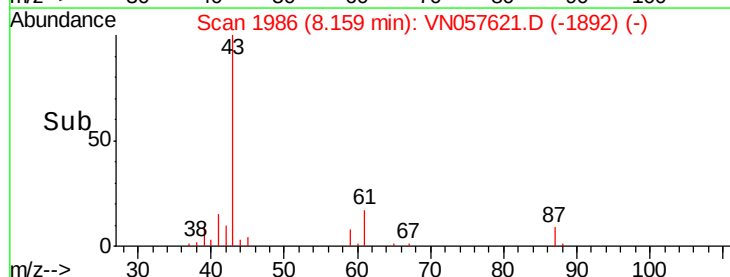
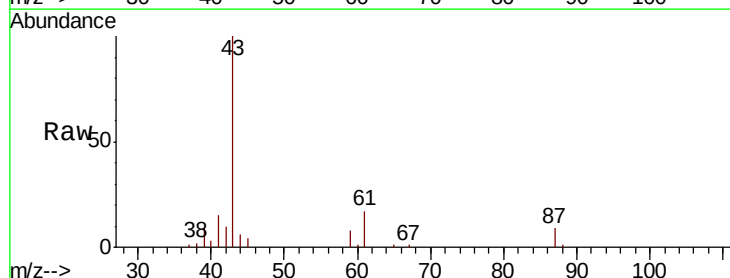
Instrument :
MSVOA_N
ClientSampleId :

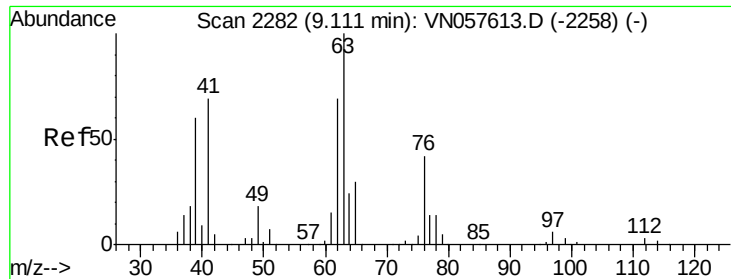
Tot Ion: 41 Resp: 169
Ion Ratio Lower Upper
41 100
39 37.3 50.6 75.8#
67 0.0 56.9 85.3#
52 0.0 27.4 41.2#



#43
Isopropyl Acetate
Concen: 5.238 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

Tgt Ion: 43 Resp: 62697
Ion Ratio Lower Upper
43 100
61 16.3 13.1 19.7
87 9.7 8.1 12.1

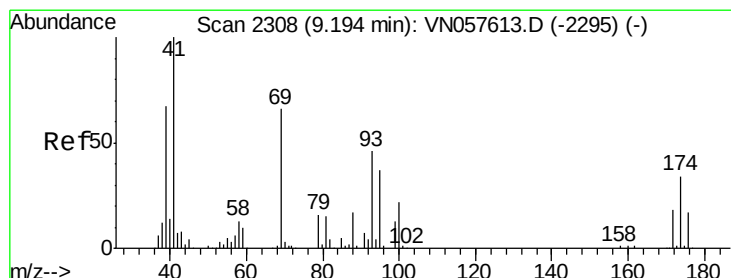
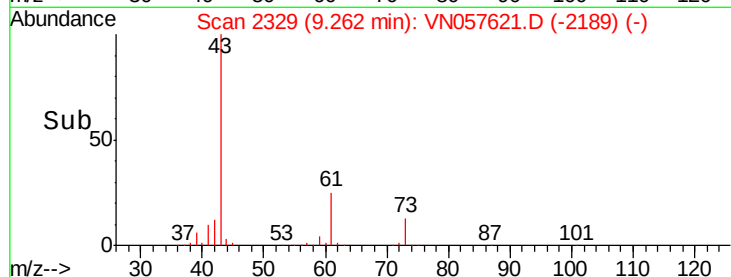
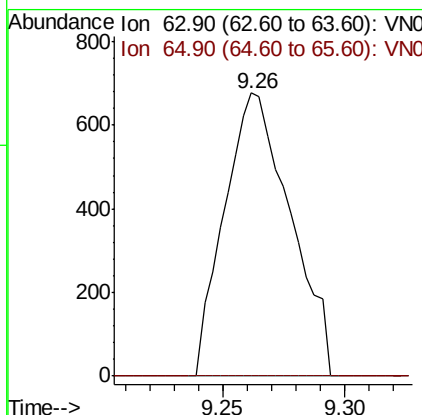
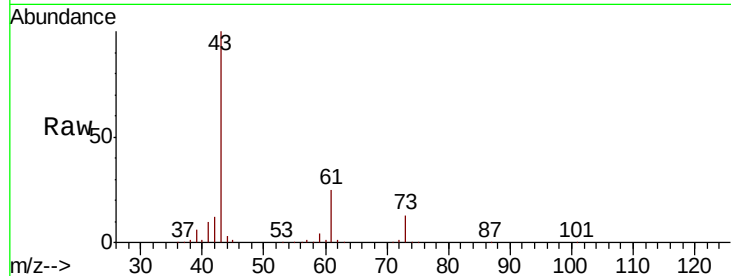




#45
 1,2-Dichloropropane
 Concen: 0.224 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN057621.D
 Acq: 31 Aug 2019 18:15

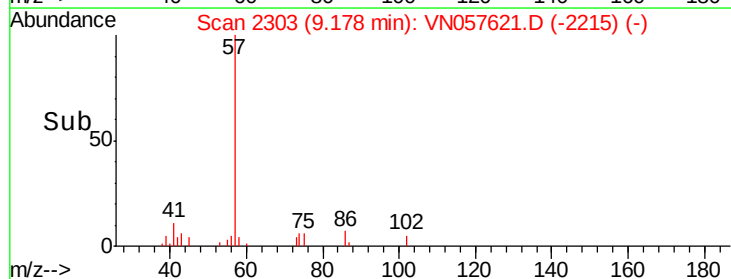
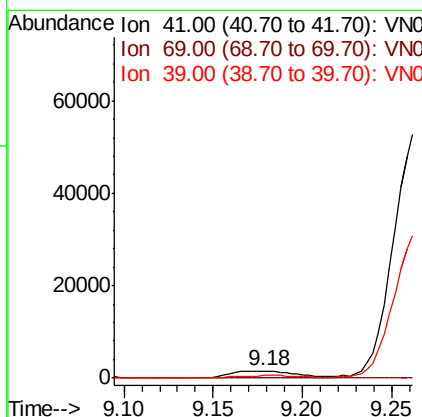
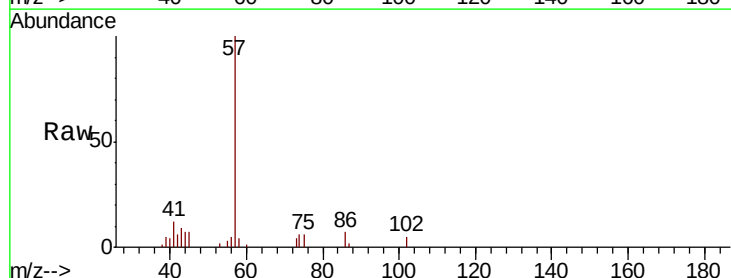
Instrument :
 MSVOA_N
 ClientSampleId :

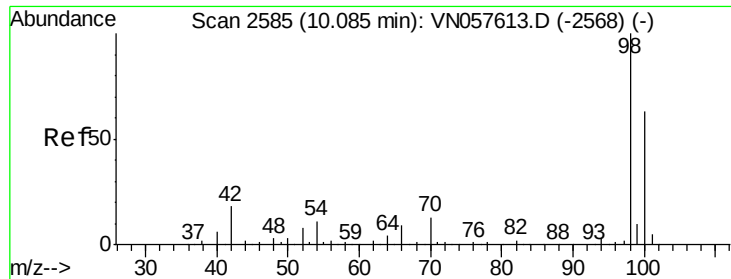
Tot Ion: 63 Resp: 1267
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.4 36.6#



#48
 Methyl methacrylate
 Concen: 0.667 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN057621.D
 Acq: 31 Aug 2019 18:15

Tgt Ion: 41 Resp: 4076
 Ion Ratio Lower Upper
 41 100
 69 0.0 55.1 82.7#
 39 0.0 55.4 83.2#





#50

Toluene-d8

Concen: 37.117 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

Instrument :

MSVOA_N

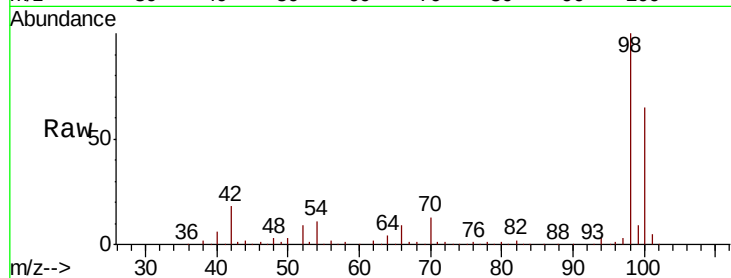
ClientSampled :

Tot Ion: 98 Resp: 655591

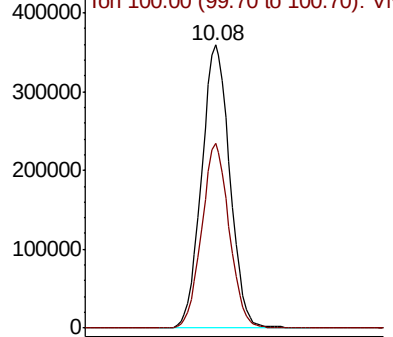
Ion Ratio Lower Upper

98 100

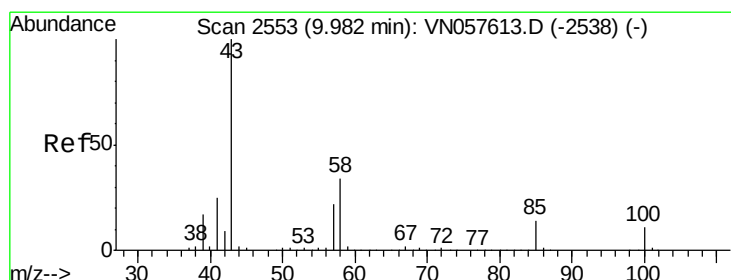
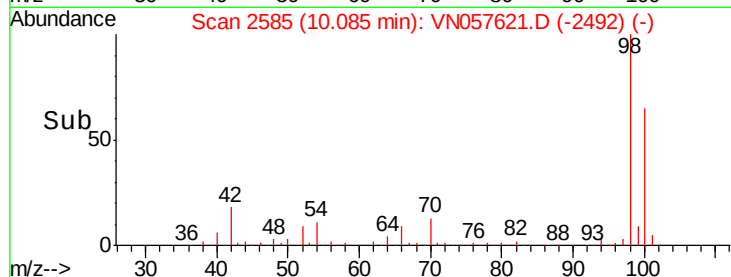
100 63.5 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN057613.D (-2568) (-)



Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.736 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN057621.D

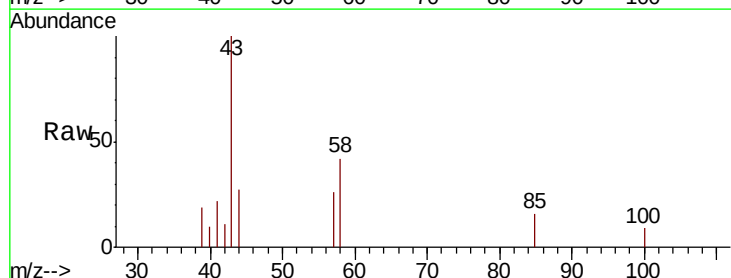
Acq: 31 Aug 2019 18:15

Tgt Ion: 43 Resp: 5046

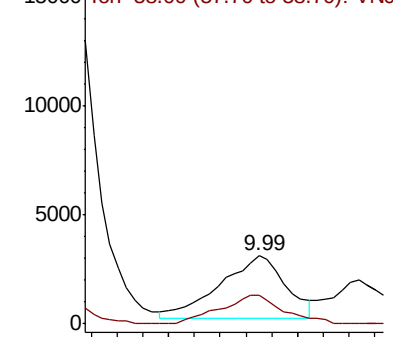
Ion Ratio Lower Upper

43 100

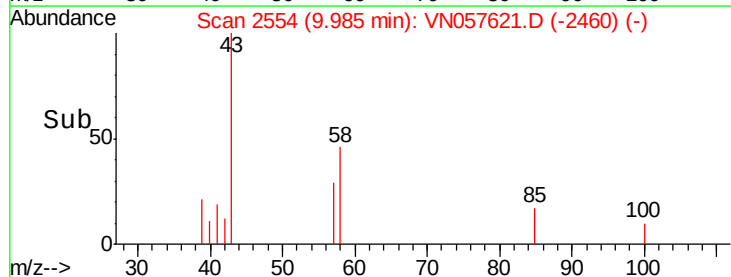
58 44.3 26.9 40.3#

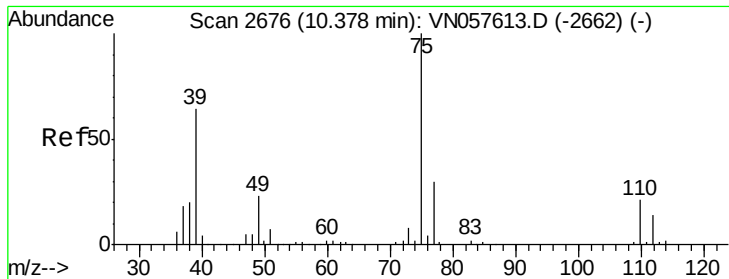


Abundance Ion 43.00 (42.70 to 43.70): VN057613.D (-2538) (-)



Time-->

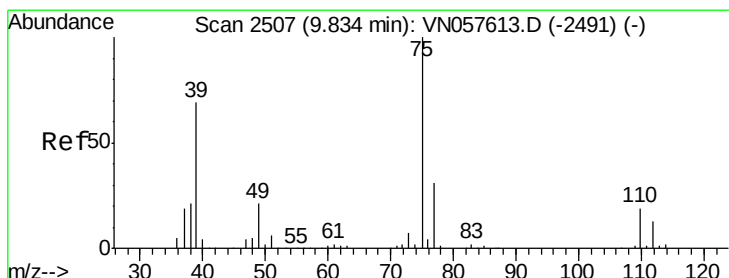
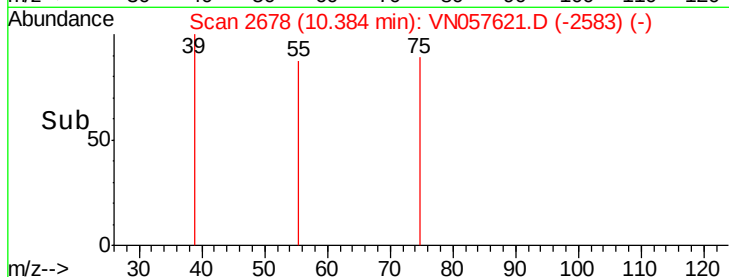
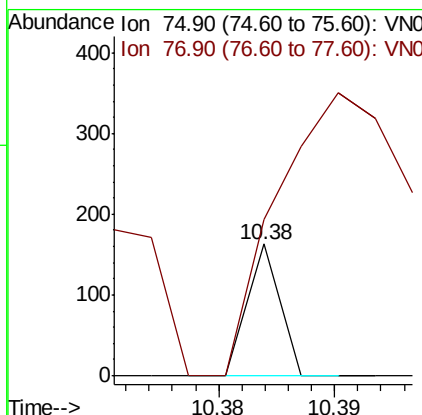
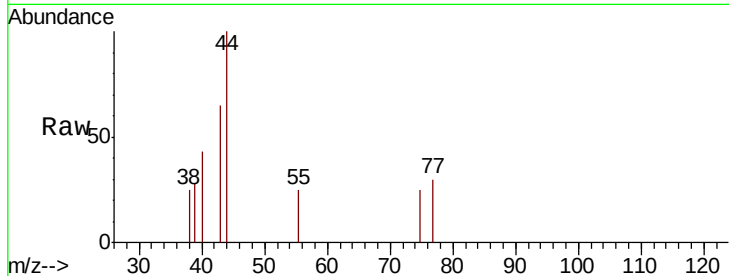




#53
t-1,3-Dichloropropene
Concen: 3.224 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.01 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

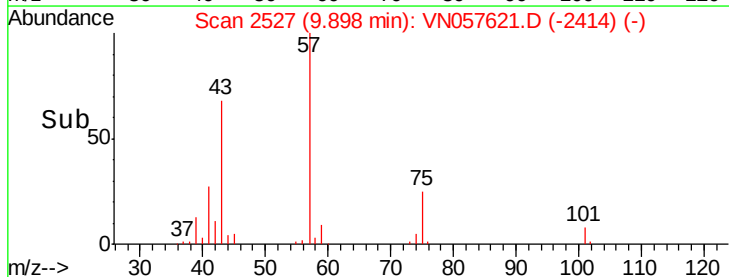
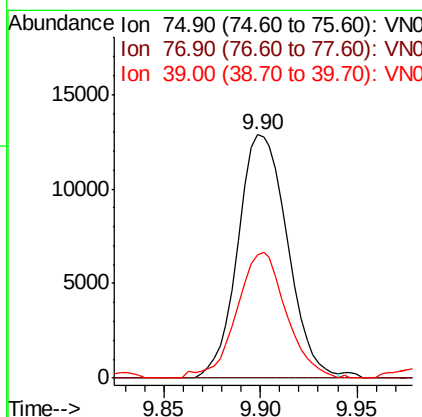
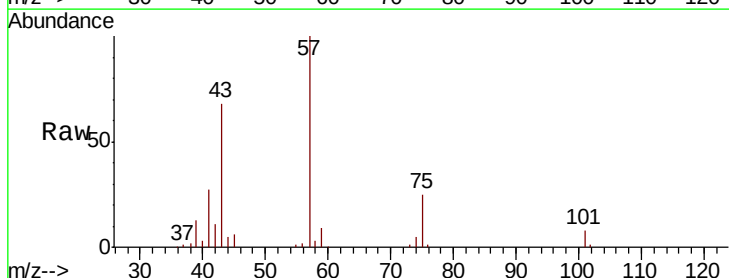
Instrument :
MSVOA_N
ClientSampled :

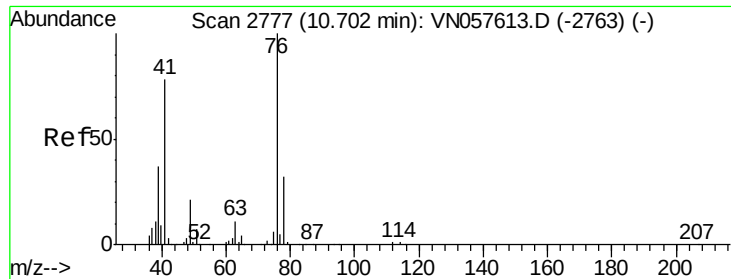
Tot Ion: 75 Resp: 31
Ion Ratio Lower Upper
75 100
77 118.4 24.1 36.1#



#54
cis-1,3-Dichloropropene
Concen: 4.336 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.06 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

Tgt Ion: 75 Resp: 22885
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 50.7 55.0 82.4#

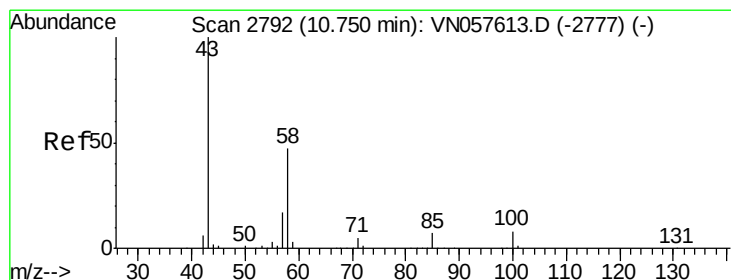
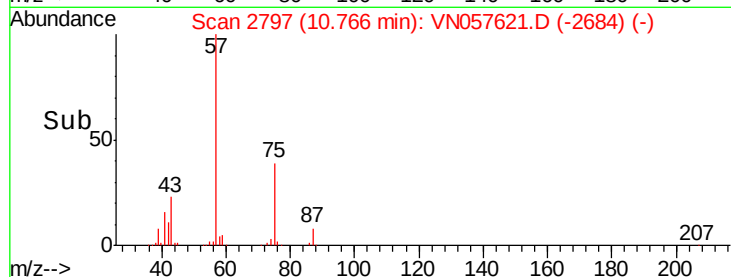
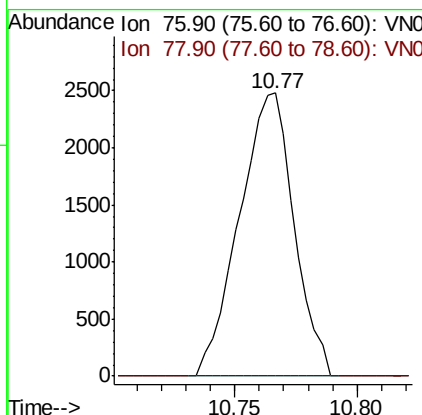
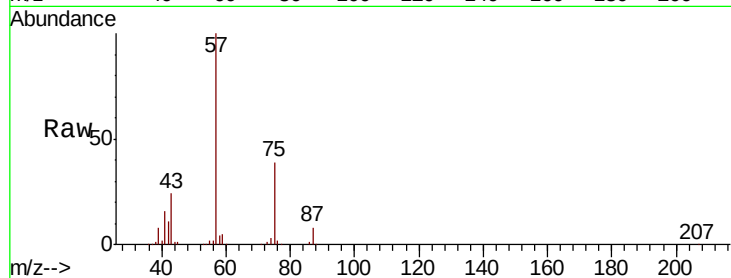




#57
 1,3-Dichloropropane
 Concen: 0.461 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN057621.D
 Acq: 31 Aug 2019 18:15

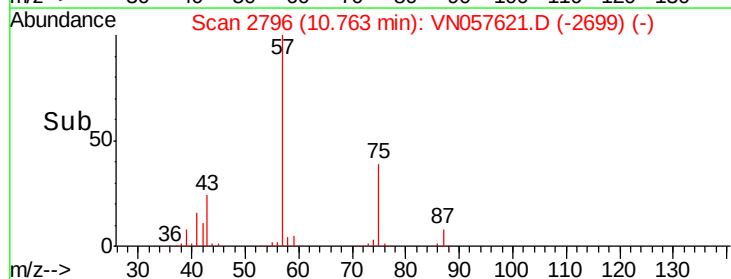
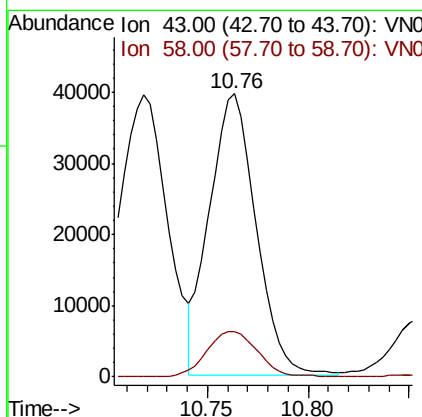
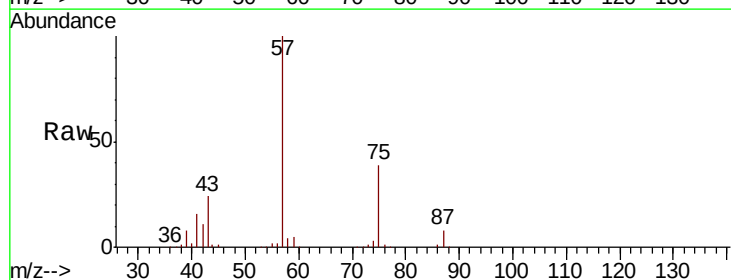
Instrument :
 MSVOA_N
 ClientSampled :

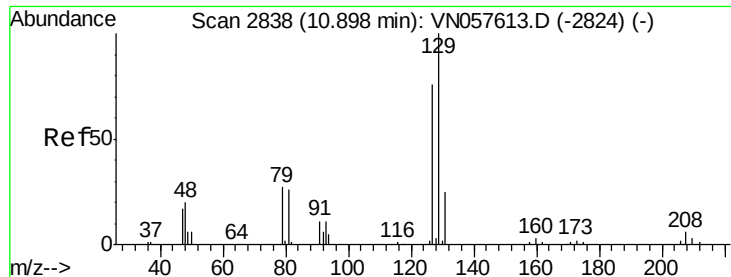
Tot Ion: 76 Resp: 3859
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.2#



#59
 2-Hexanone
 Concen: 12.632 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN057621.D
 Acq: 31 Aug 2019 18:15

Tgt Ion: 43 Resp: 63639
 Ion Ratio Lower Upper
 43 100
 58 17.6 23.5 70.5#

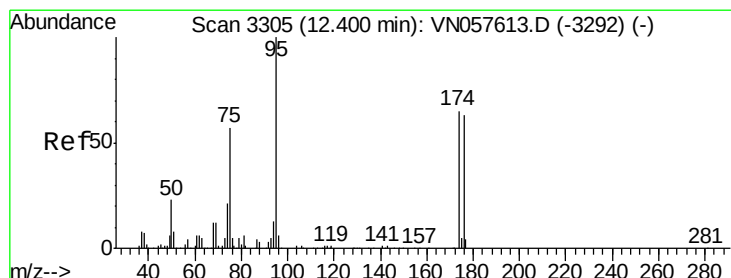
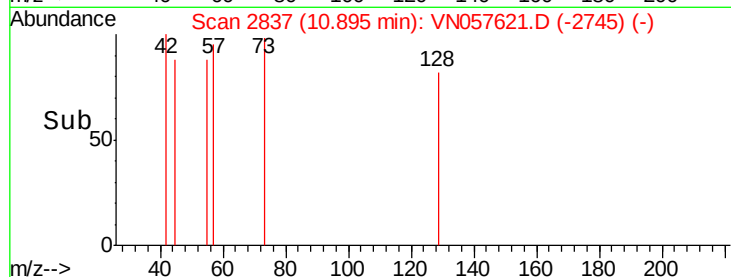
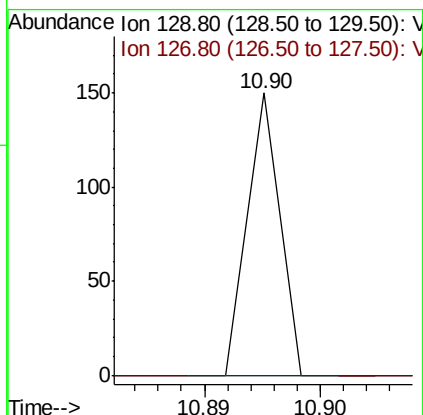
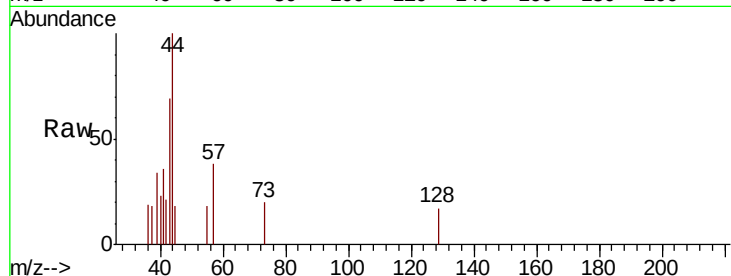




#60
Dibromochloromethane
Concen: 3.551 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

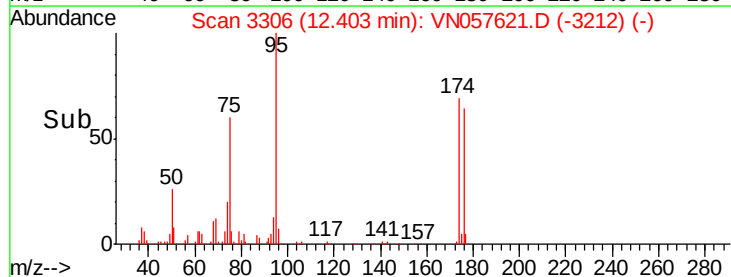
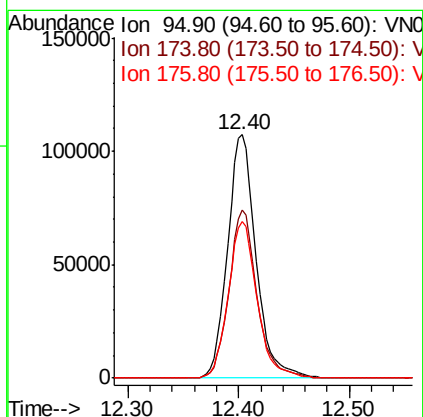
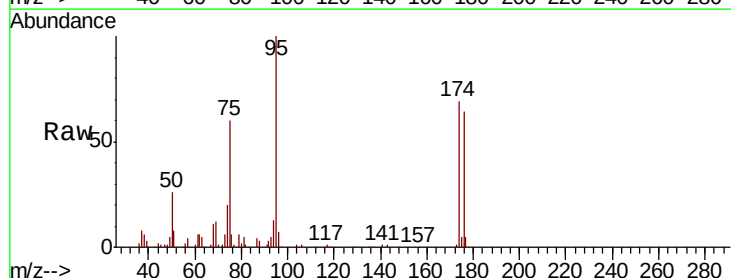
Instrument :
MSVOA_N
ClientSampleId :

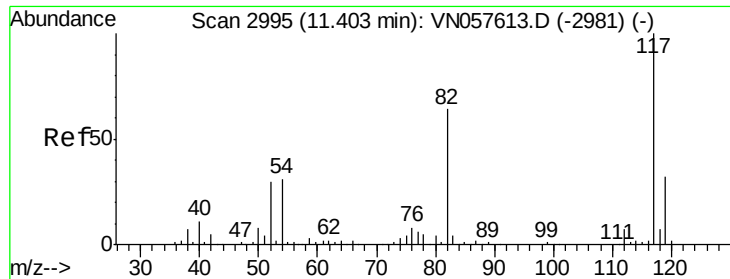
Tot Ion: 129 Resp: 29
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#



#62
4-Bromofluorobenzene
Concen: 28.562 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

Tgt Ion: 95 Resp: 191835
Ion Ratio Lower Upper
95 100
174 68.1 0.0 134.8
176 65.2 0.0 131.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

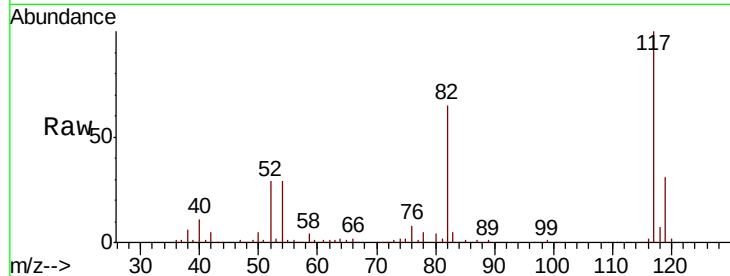
Tot Ion:117 Resp: 438569

Ion Ratio Lower Upper

117 100

82 64.8 51.6 77.4

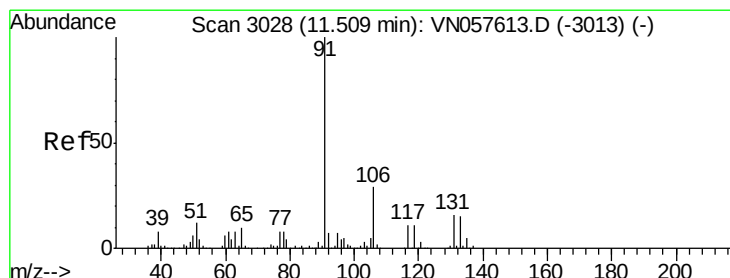
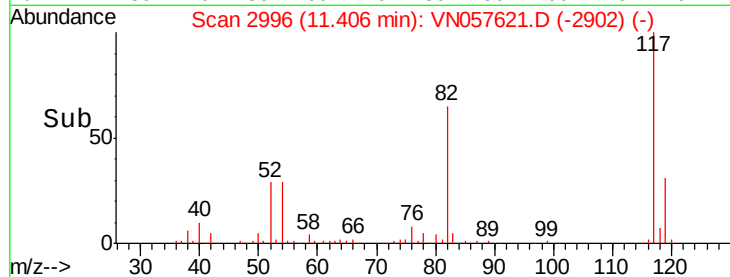
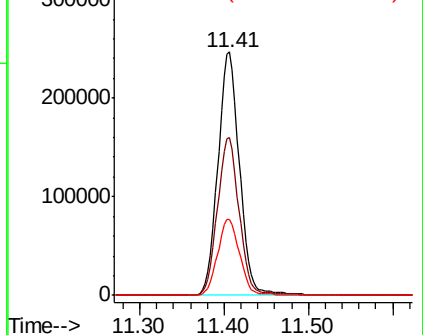
119 31.3 25.8 38.6



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



#67

Ethyl Benzene

Concen: 0.211 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN057621.D

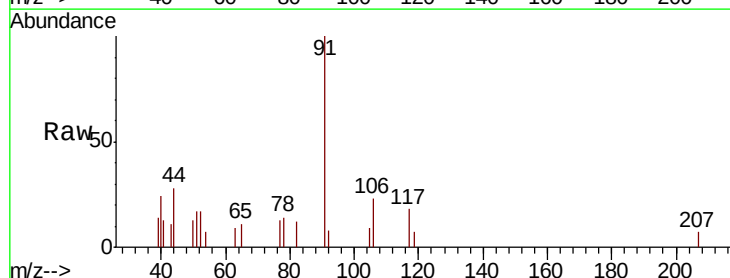
Acq: 31 Aug 2019 18:15

Tgt Ion: 91 Resp: 4505

Ion Ratio Lower Upper

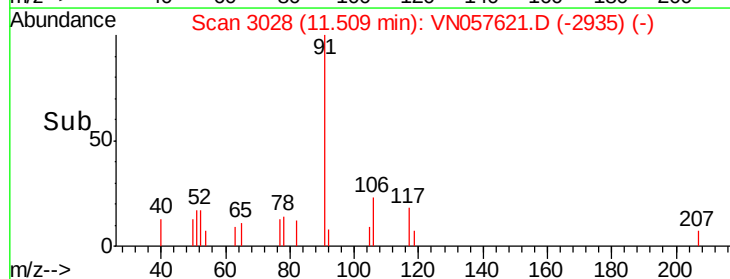
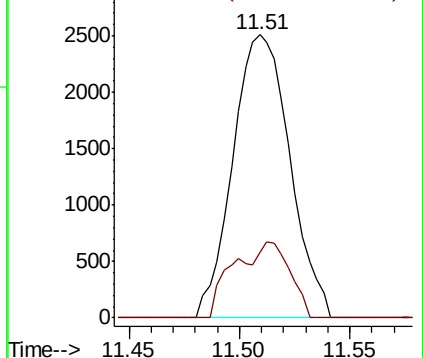
91 100

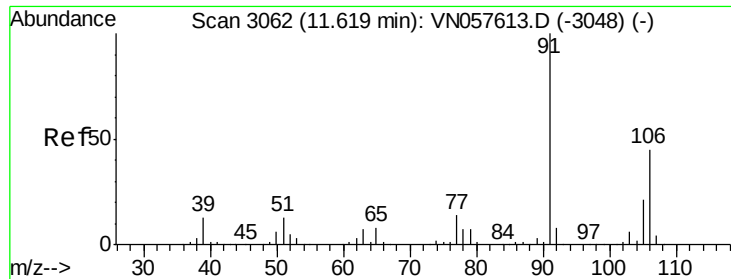
106 23.4 22.9 34.3



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.764 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

Instrument :

MSVOA_N

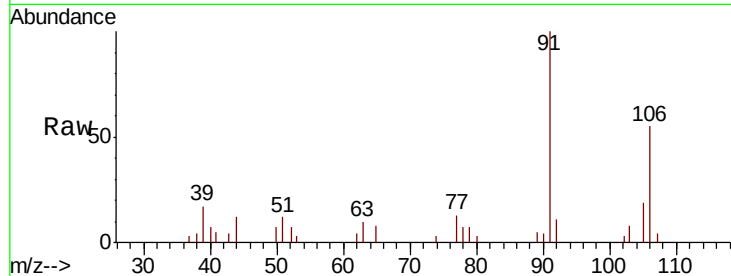
ClientSampled :

Tot Ion:106 Resp: 5747

Ion Ratio Lower Upper

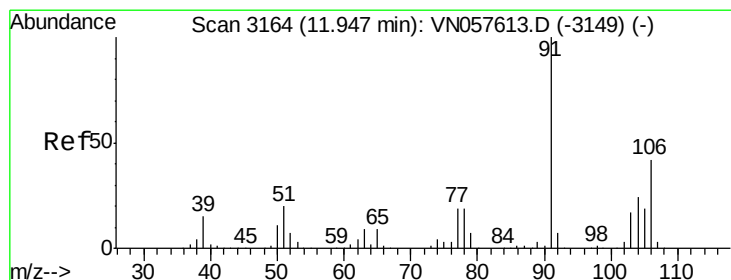
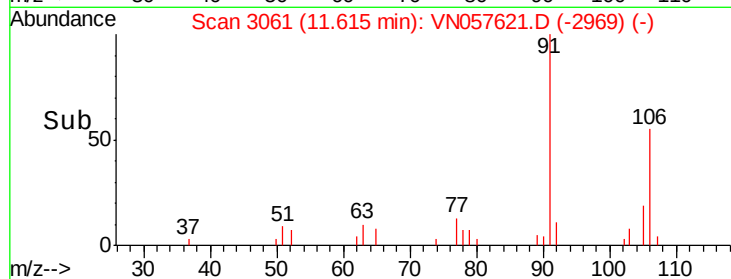
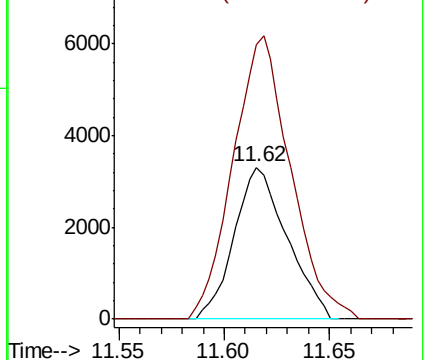
106 100

91 203.4 176.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.359 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN057621.D

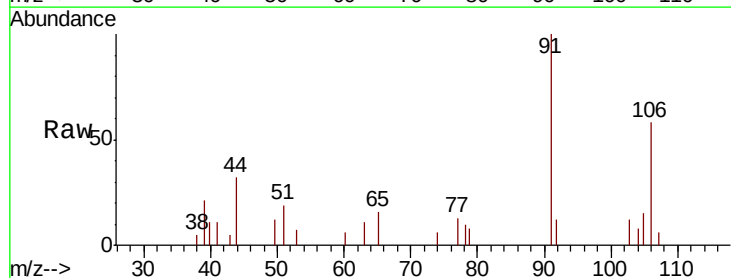
Acq: 31 Aug 2019 18:15

Tgt Ion:106 Resp: 2620

Ion Ratio Lower Upper

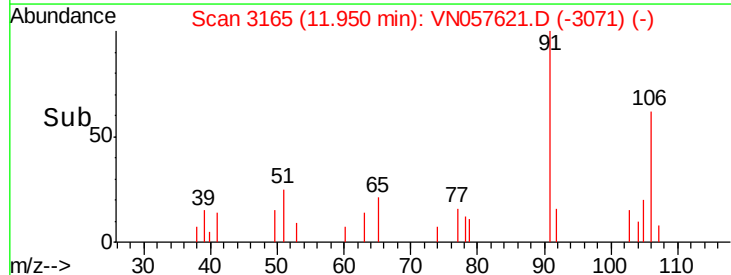
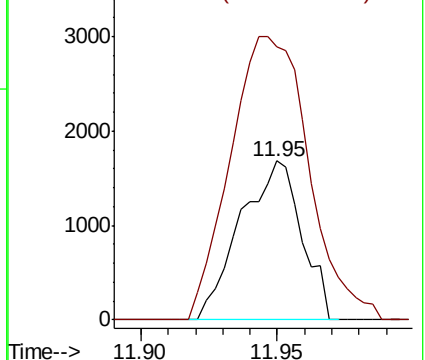
106 100

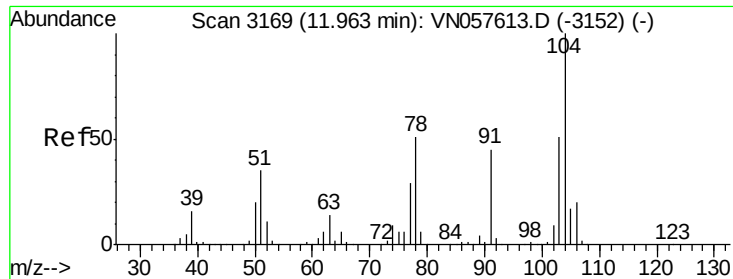
91 229.4 117.3 351.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

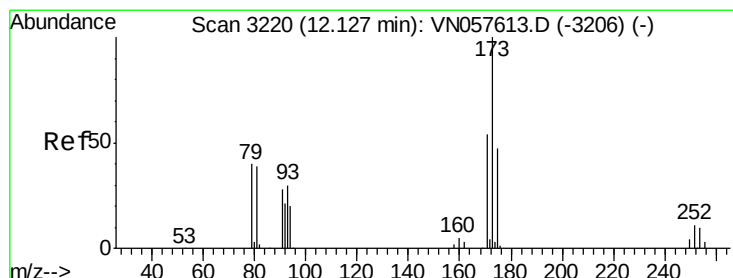
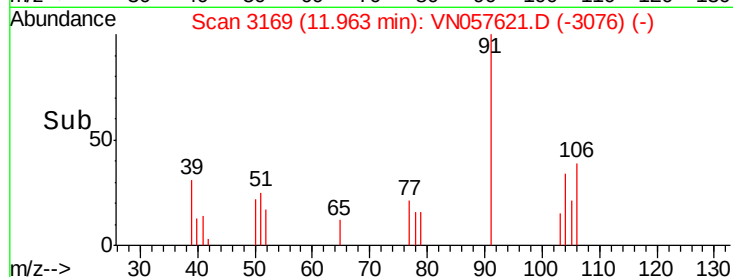
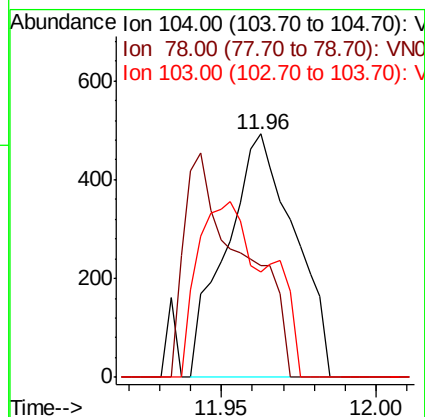
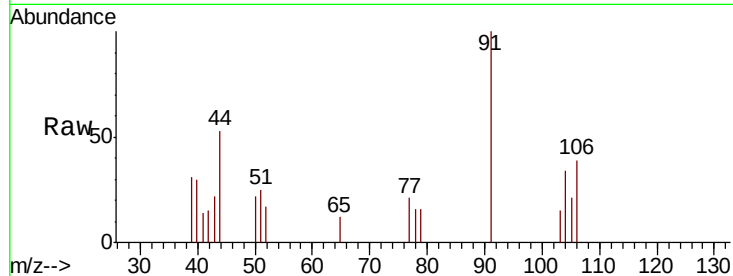




#70
Stvrene
Concen: 2.638 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

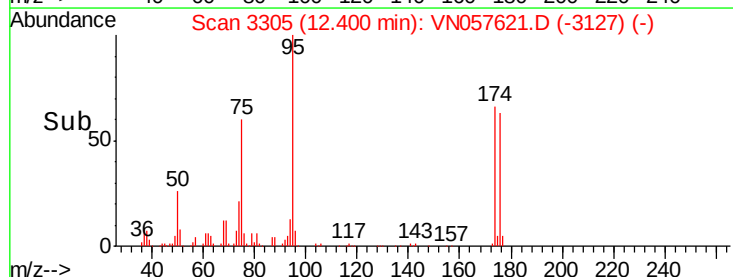
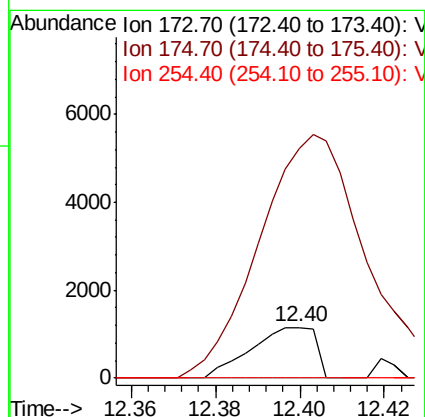
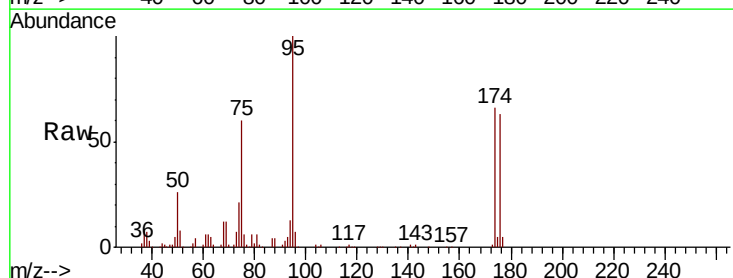
Instrument :
MSVOA_N
ClientSampled :

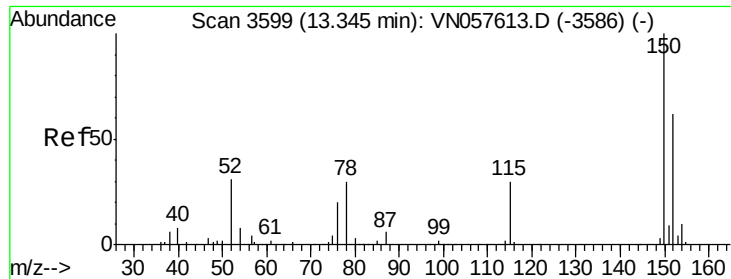
Tot Ion:104 Resp: 755
Ion Ratio Lower Upper
104 100
78 79.5 46.6 70.0#
103 57.4 44.7 67.1



#71
Bromoform
Concen: 6.599 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN057621.D
Acq: 31 Aug 2019 18:15

Tgt Ion:173 Resp: 1234
Ion Ratio Lower Upper
173 100
175 645.3 24.4 73.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampled :

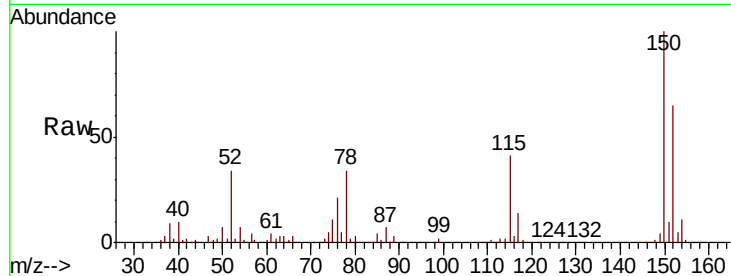
Tot Ion:152 Resp: 120949

Ion Ratio Lower Upper

152 100

115 64.9 33.2 99.6

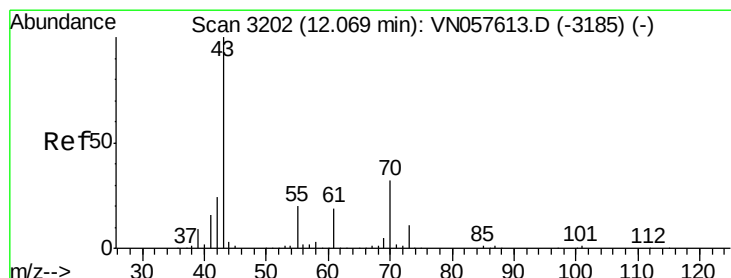
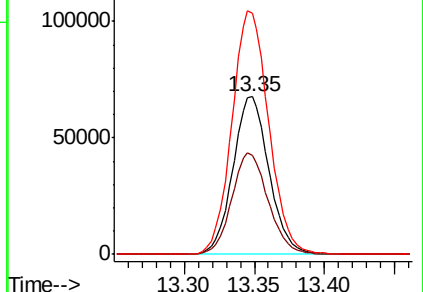
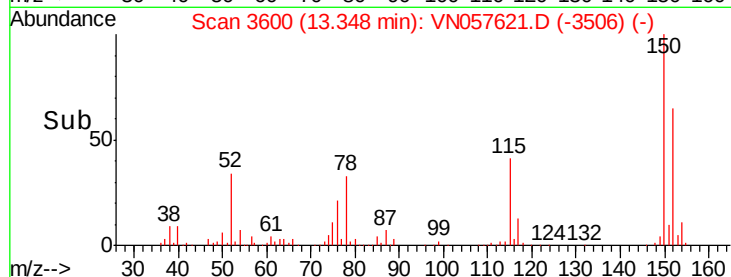
150 157.7 0.0 365.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.258 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

Tgt Ion: 43 Resp: 1487

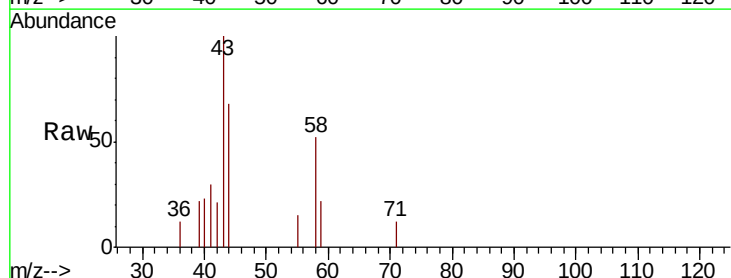
Ion Ratio Lower Upper

43 100

70 0.0 26.9 40.3#

55 6.7 16.8 25.2#

61 0.0 15.1 22.7#

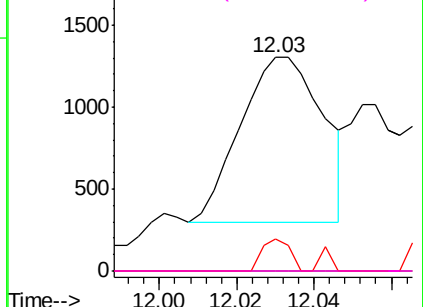
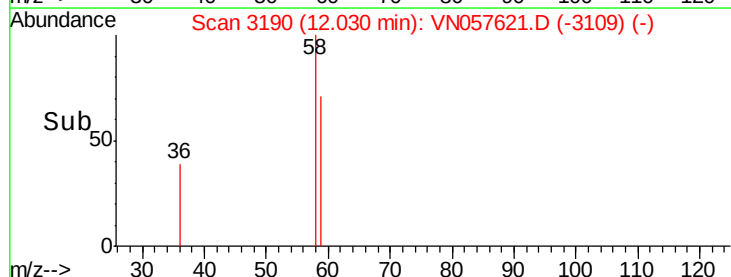


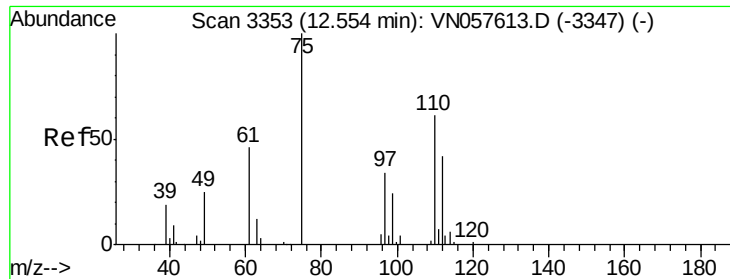
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

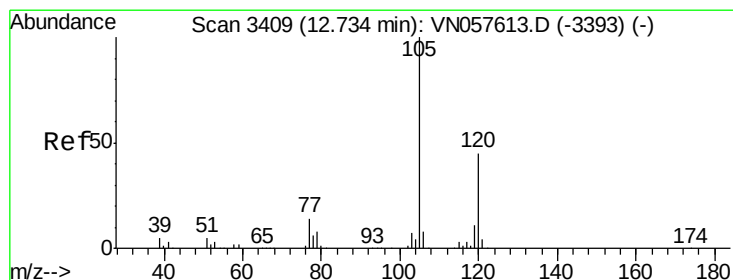
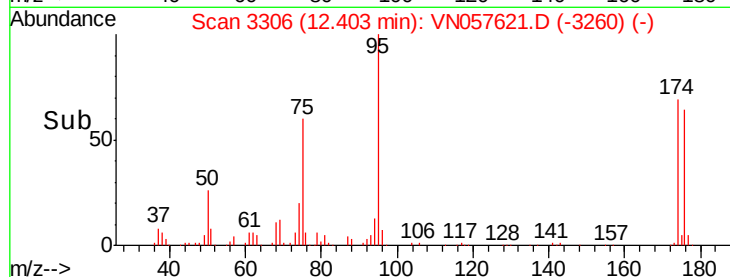
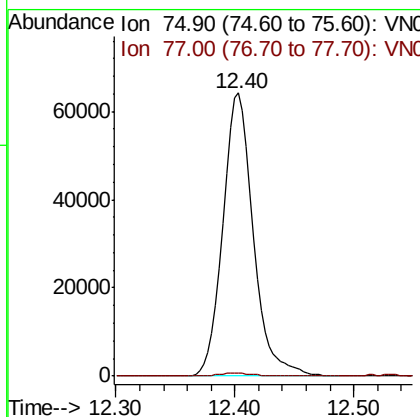
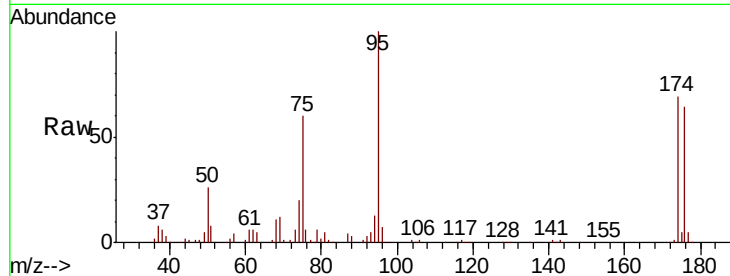




#76
 1,2,3-Trichloropropane
 Concen: 35.733 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057621.D
 Acq: 31 Aug 2019 18:15

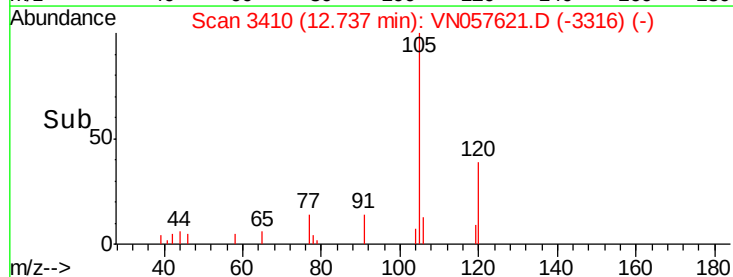
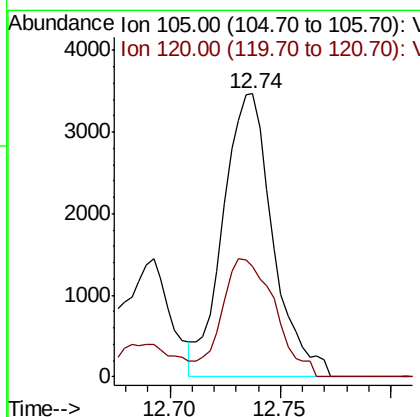
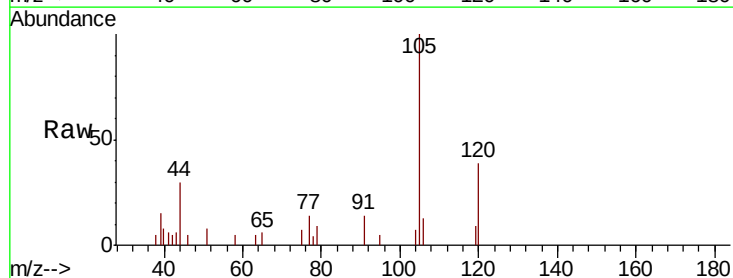
Instrument :
 MSVOA_N
 ClientSampled :

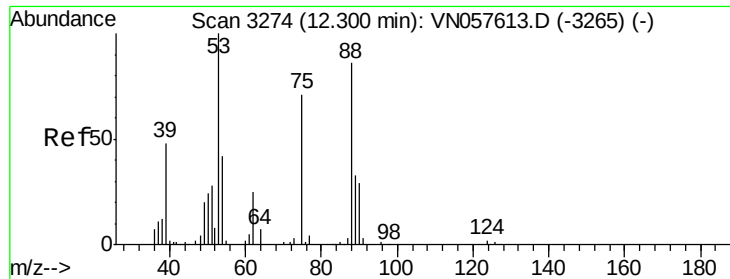
Tot Ion: 75 Resp: 113686
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.542 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057621.D
 Acq: 31 Aug 2019 18:15

Tgt Ion: 105 Resp: 5449
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.6 67.8





#81

trans-1,4-Dichloro-2-butene

Concen: 122.488 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

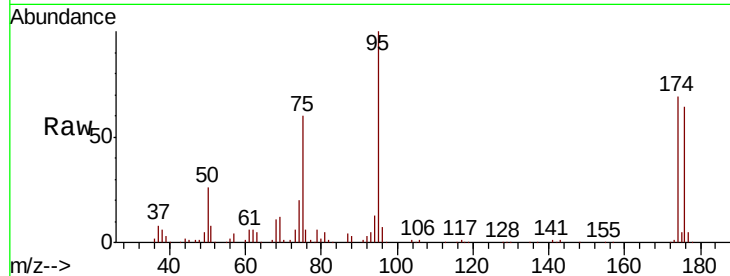
Tot Ion: 75 Resp: 113686

Ion Ratio Lower Upper

75 100

53 0.0 111.0 166.6#

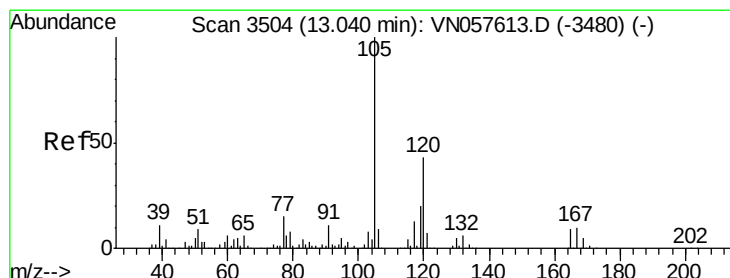
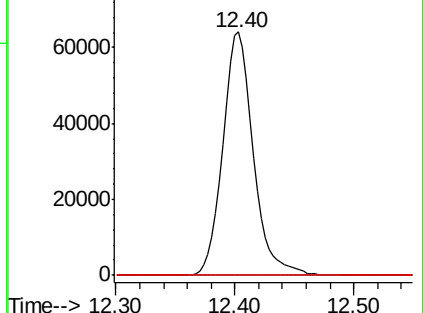
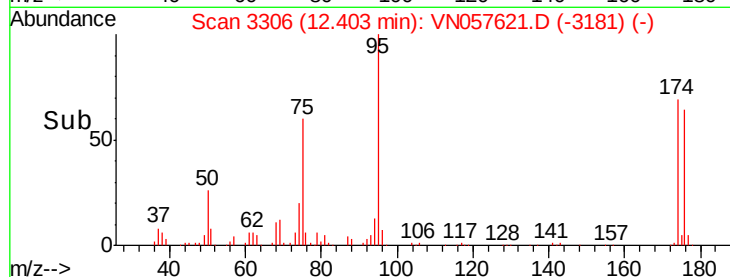
89 0.0 38.3 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VN057621.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN057621.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN057621.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.434 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN057621.D

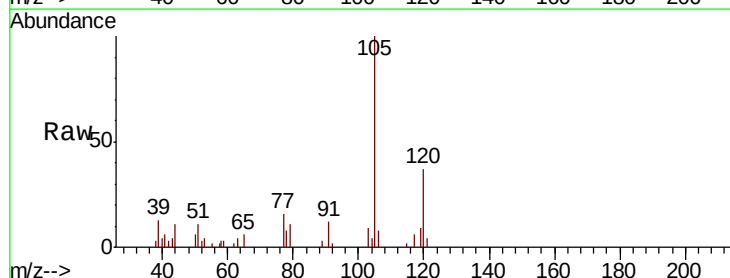
Acq: 31 Aug 2019 18:15

Tgt Ion: 105 Resp: 13938

Ion Ratio Lower Upper

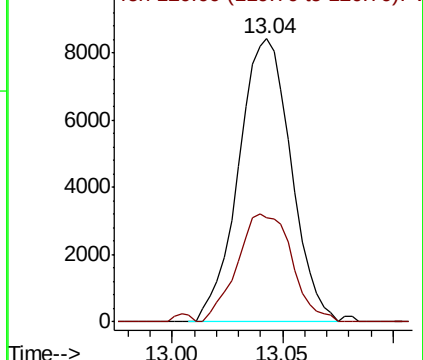
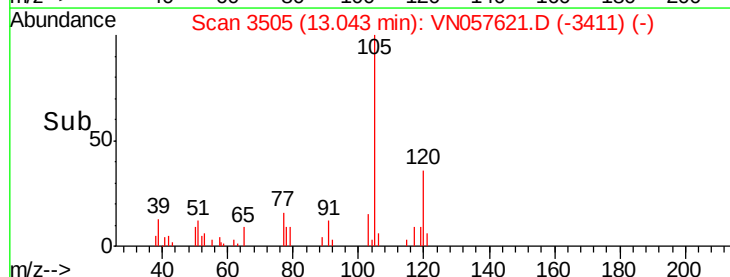
105 100

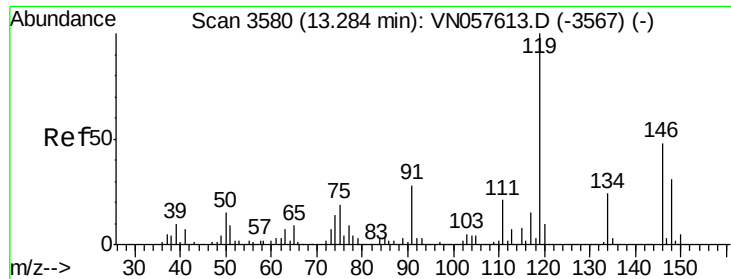
120 39.8 20.8 62.5



Abundance Ion 105.00 (104.70 to 105.70): VN057621.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN057621.D (-3411) (-)





#87

1,3-Dichlorobenzene

Concen: 0.266 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.01 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

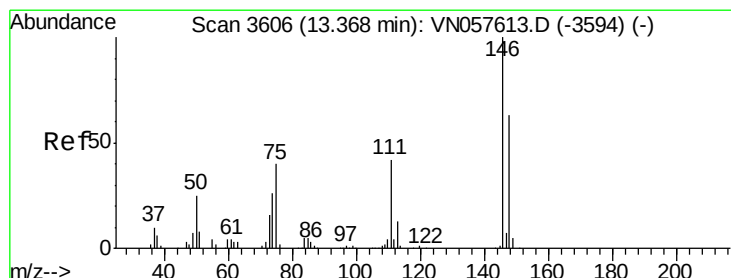
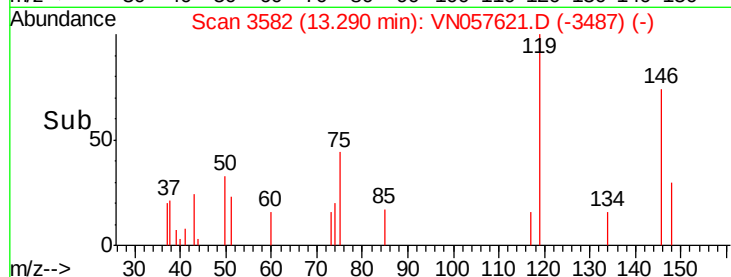
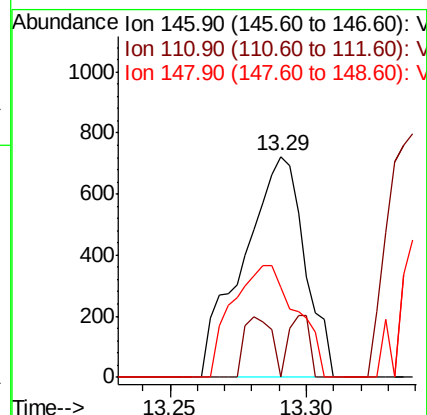
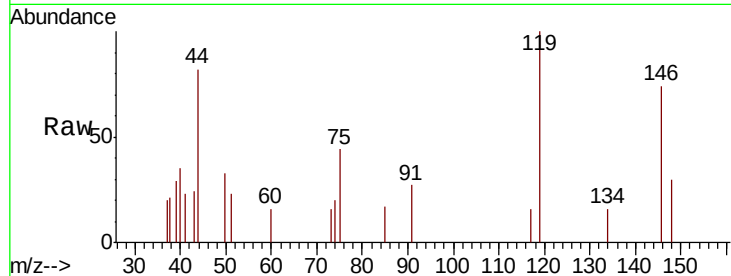
Tot Ion:146 Resp: 1127

Ion Ratio Lower Upper

146 100

111 12.0 21.8 65.3#

148 53.2 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 0.408 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

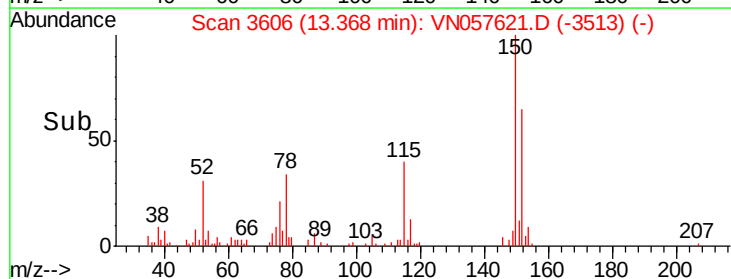
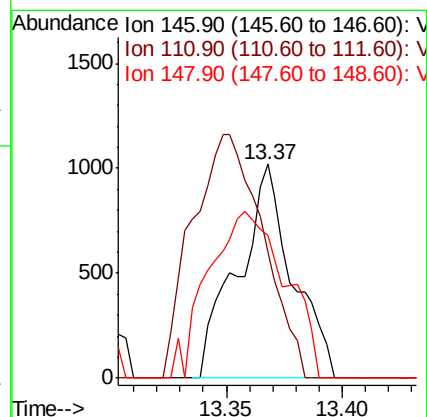
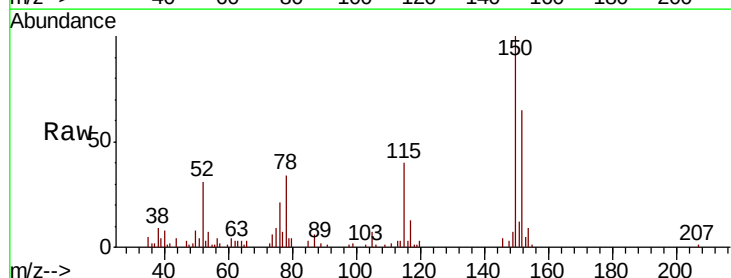
Tgt Ion:146 Resp: 1670

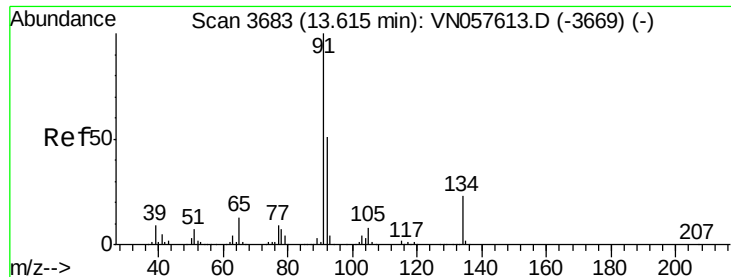
Ion Ratio Lower Upper

146 100

111 147.1 21.6 65.0#

148 109.7 32.2 96.6#





#89

n-Butylbenzene

Concen: 0.300 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampled :

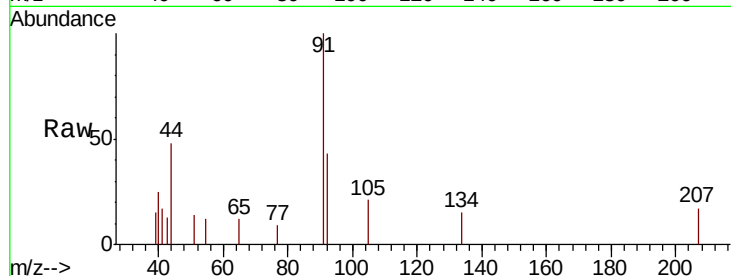
Tot Ion: 91 Resp: 2669

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 14.3 11.0 33.0

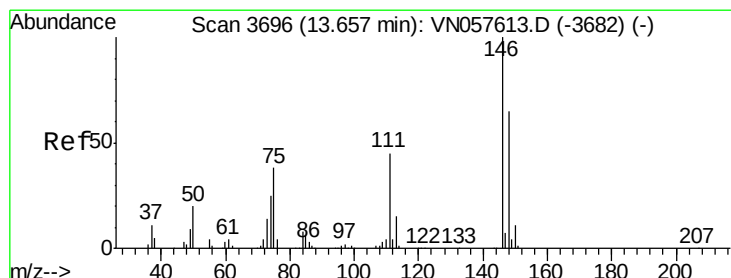
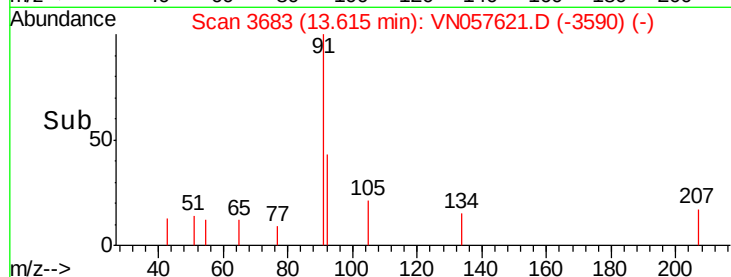


Abundance Ion 91.00 (90.70 to 91.70): VN057613.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN057613.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN057613.D (-3669) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.261 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

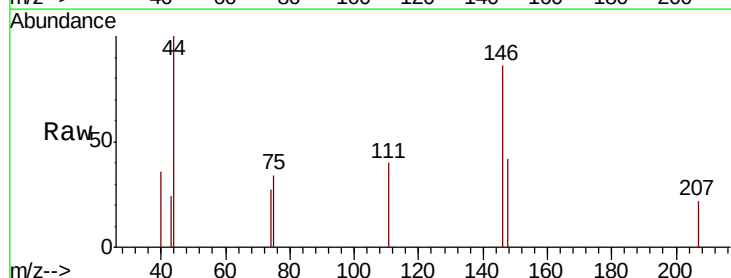
Tgt Ion: 146 Resp: 1054

Ion Ratio Lower Upper

146 100

111 46.2 22.1 66.5

148 43.7 31.6 94.7

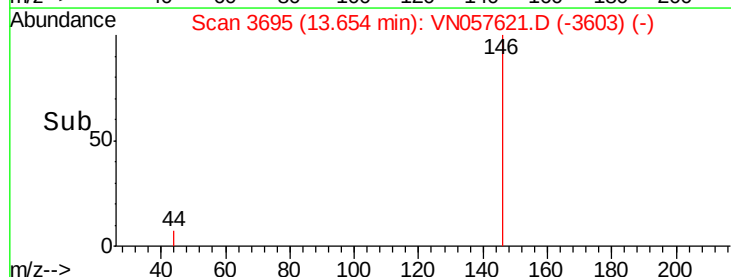


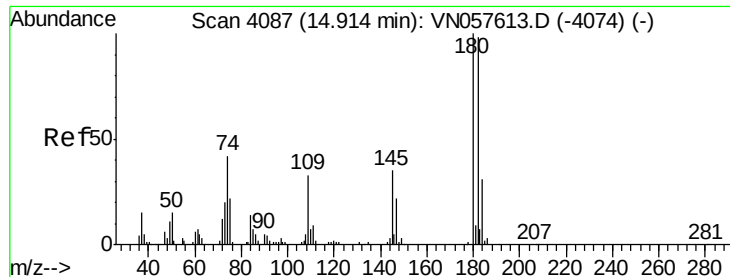
Abundance Ion 145.90 (145.60 to 146.60): VN057613.D (-3682) (-)

Ion 110.90 (110.60 to 111.60): VN057613.D (-3682) (-)

Ion 147.90 (147.60 to 148.60): VN057613.D (-3682) (-)

Time-->

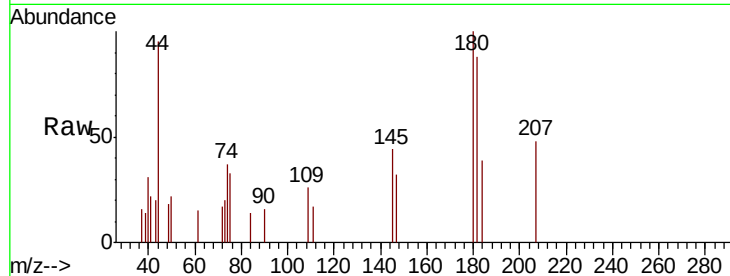




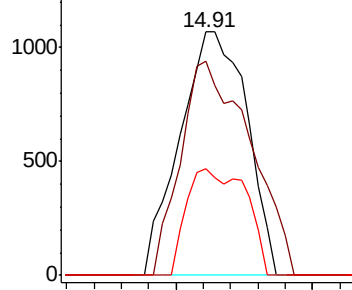
#93
 1,2,4-Trichlorobenzene
 Concen: 9.164 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057621.D
 Acq: 31 Aug 2019 18:15

Instrument :
 MSVOA_N
 ClientSampled :

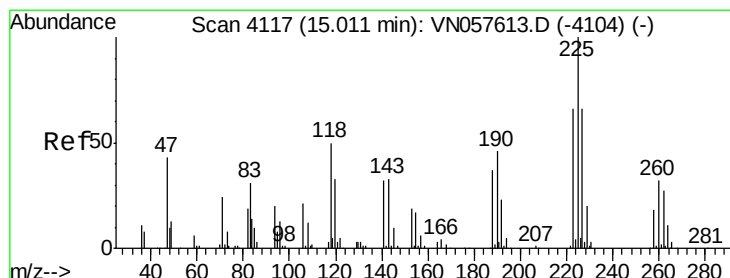
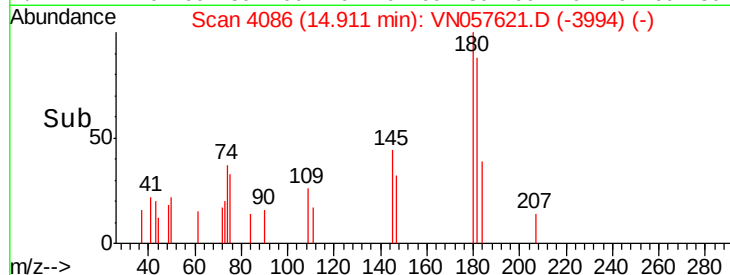
Tot Ion:180 Resp: 1824
 Ion Ratio Lower Upper
 180 100
 182 91.6 47.8 143.3
 145 38.9 16.9 50.7



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

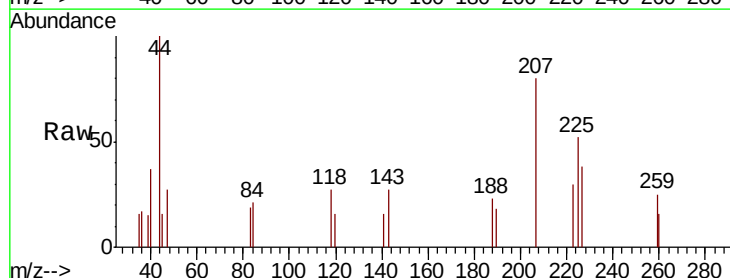


Time-->

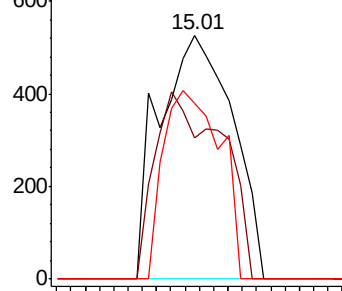


#94
 Hexachlorobutadiene
 Concen: 0.542 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN057621.D
 Acq: 31 Aug 2019 18:15

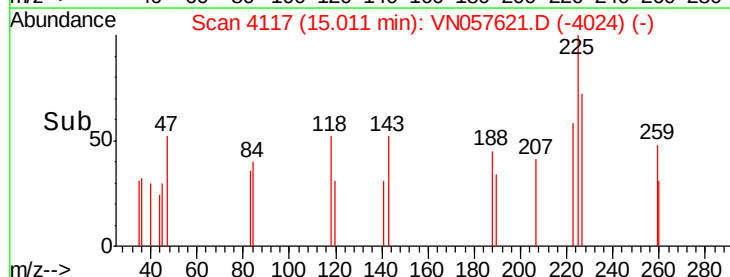
Tgt Ion:225 Resp: 751
 Ion Ratio Lower Upper
 225 100
 223 70.4 32.3 96.8
 227 60.5 32.4 97.2

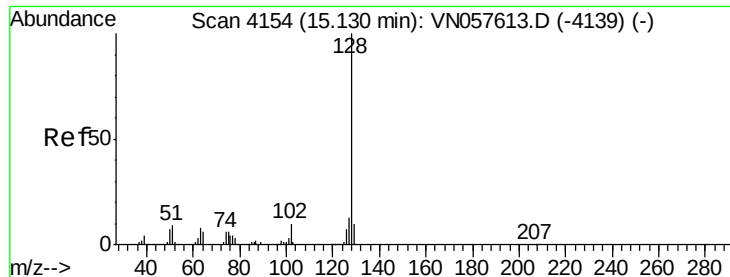


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 7.985 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

Instrument :

MSVOA_N

ClientSampled :

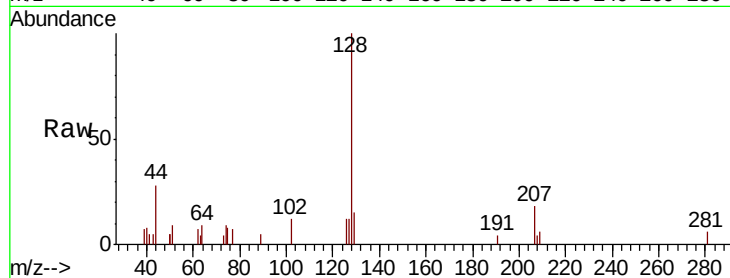
Tot Ion:128 Resp: 6522

Ion Ratio Lower Upper

128 100

127 11.6 10.2 15.2

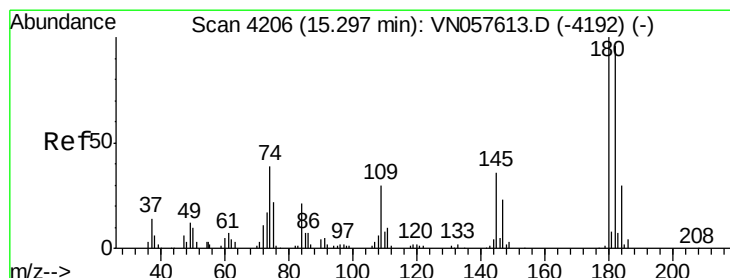
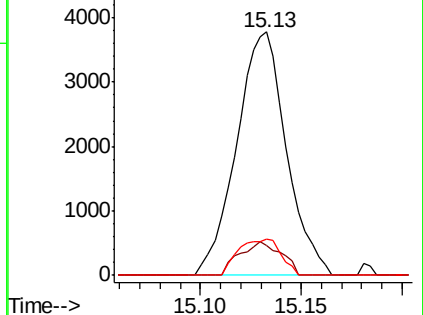
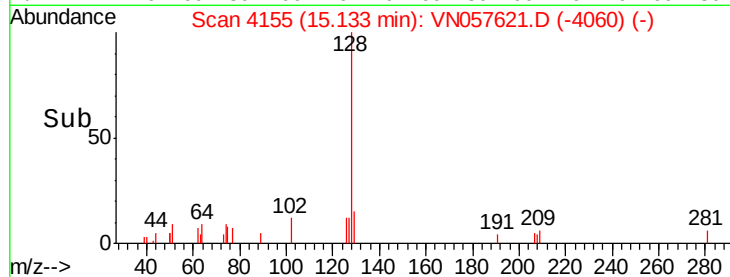
129 12.9 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 8.635 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. -0.00 min

Lab File: VN057621.D

Acq: 31 Aug 2019 18:15

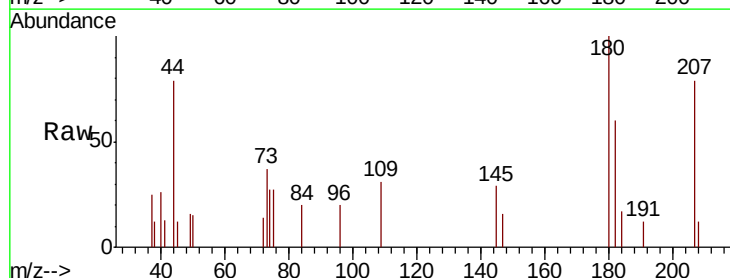
Tgt Ion:180 Resp: 1809

Ion Ratio Lower Upper

180 100

182 98.9 46.3 138.9

145 35.3 17.8 53.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

