

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055637.D
 Acq On : 18 May 2019 2:59
 Operator : JC/SP
 Sample : PB119798TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 04:31:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	407323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	581860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	499543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	208800	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	192572	43.13	ug/l	0.00
Spiked Amount			Recovery	=	86.26%	
35) Dibromofluoromethane	7.59	113	178127	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
50) Toluene-d8	10.09	98	676713	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.40	95	222453	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	64	1.512	ug/l	97
16) Acetone	3.82	43	10344	5.677	ug/l #	87
17) Carbon Disulfide	4.06	76	2619	0.253	ug/l #	75
20) Methylene Chloride	4.56	84	2763	0.664	ug/l	96
29) Tetrahydrofuran	7.23	42	1105	0.655	ug/l #	45
31) Cyclohexane	7.67	56	6377	0.963	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24278	4.680	ug/l #	48
38) Carbon Tetrachloride	7.67	117	34672	6.255	ug/l #	15
43) Isopropyl Acetate	8.17	43	15765	1.936	ug/l #	89
45) 1,2-Dichloropropane	9.26	63	1750	0.435	ug/l #	43
48) Methyl methacrylate	9.18	41	7638	2.099	ug/l #	11
51) 4-Methyl-2-Pentanone	9.99	43	3950	0.827	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	62110	9.553	ug/l #	57
57) 1,3-Dichloropropane	10.76	76	11574	1.855	ug/l #	42
59) 2-Hexanone	10.76	43	156541	46.549	ug/l #	50
65) Chlorobenzene	11.44	112	3487	0.345	ug/l	95
71) Bromoform	12.40	173	1312	0.381	ug/l #	1
73) Isopropylbenzene	12.25	105	873	Below Cal	#	48
74) N-amyl acetate	11.88	43	17071	2.912	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	103772	24.356	ug/l #	100
79) 2-Chlorotoluene	12.67	91	704	Below Cal		83
80) 1,3,5-Trimethylbenzene	12.73	105	14411	Below Cal		100
81) trans-1,4-Dichloro-2-buten	12.40	75	103772	62.610	ug/l #	17
83) tert-Butylbenzene	12.99	119	566	Below Cal	#	76
84) 1,2,4-Trimethylbenzene	13.04	105	1251	Below Cal		67
85) sec-Butylbenzene	13.17	105	1403	Below Cal		98
86) p-Isopropyltoluene	13.29	119	1674	Below Cal		85
89) n-Butylbenzene	13.62	91	2379	0.208	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	318	0.336	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	871	0.242	ug/l #	85
94) Hexachlorobutadiene	15.01	225	483	Below Cal		81
95) Naphthalene	15.14	128	2521	1.988	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.32	180	923	0.245	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

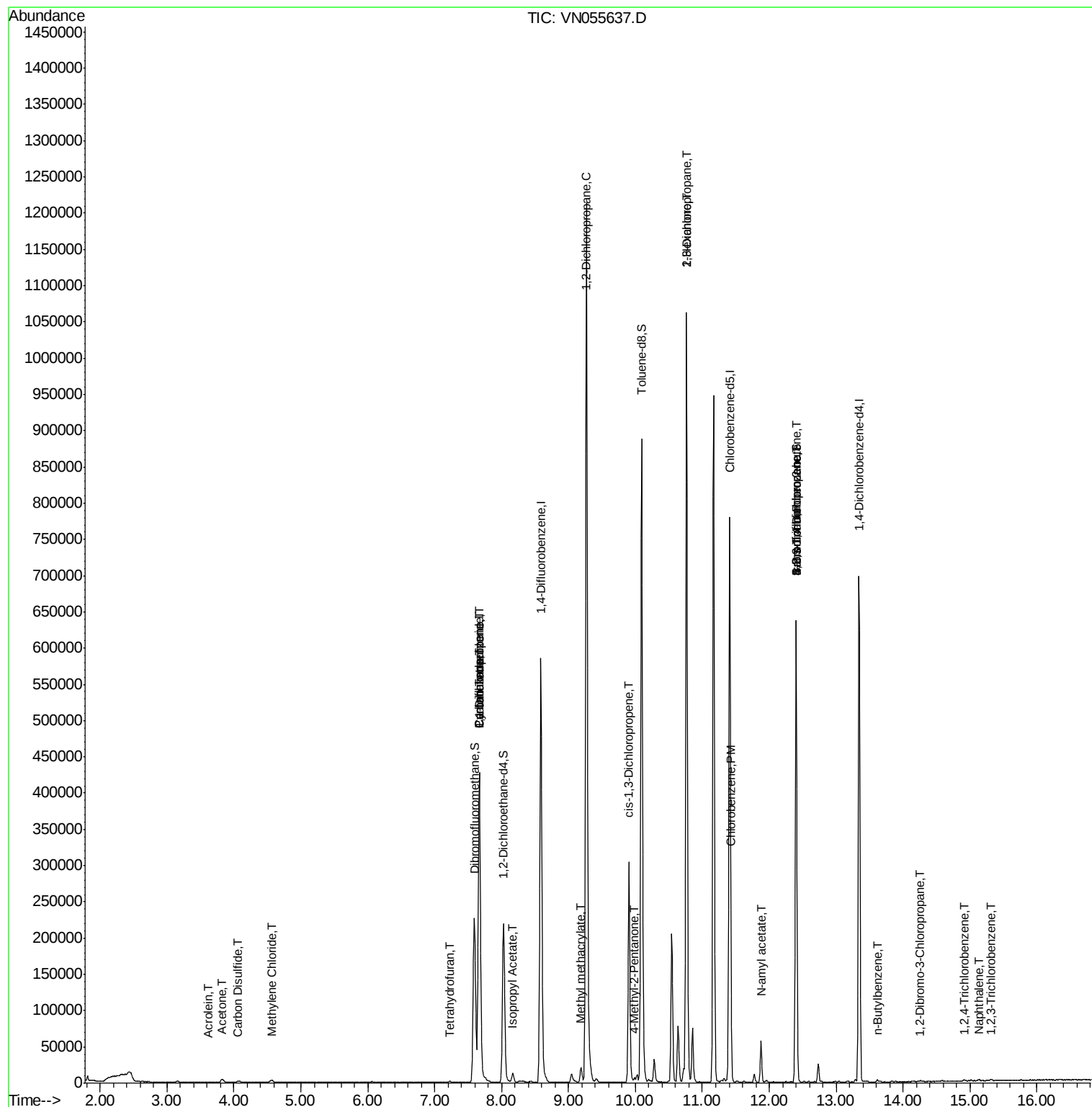
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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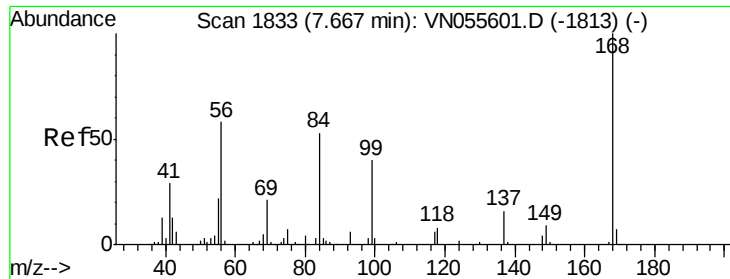
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051719\
Data File : VN055637.D
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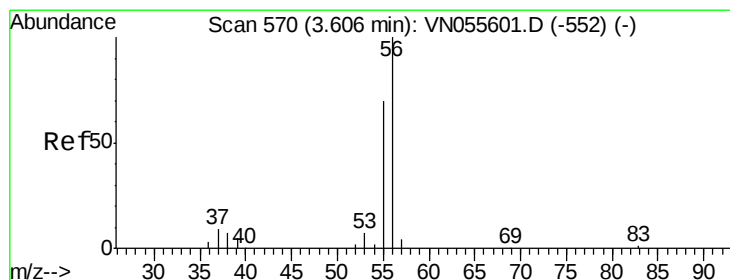
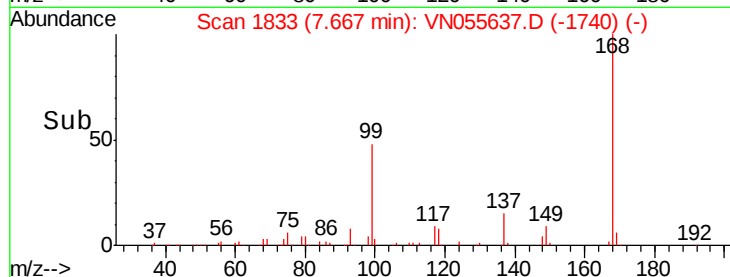
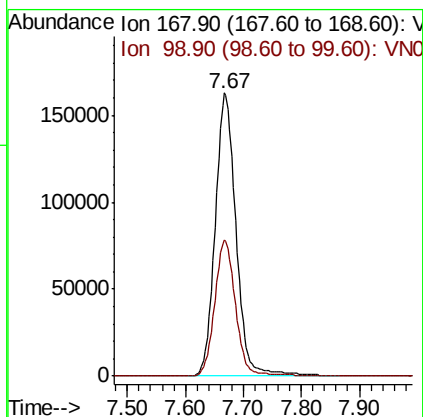
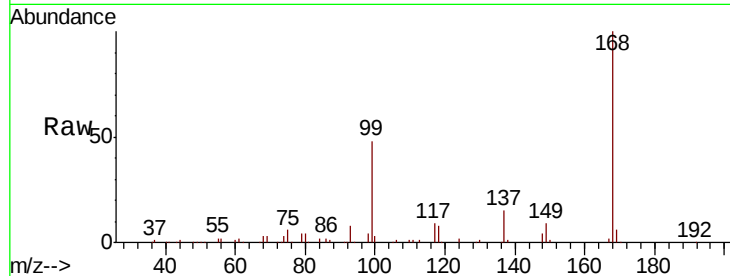




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

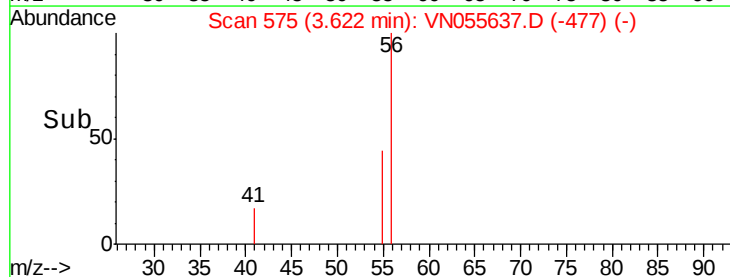
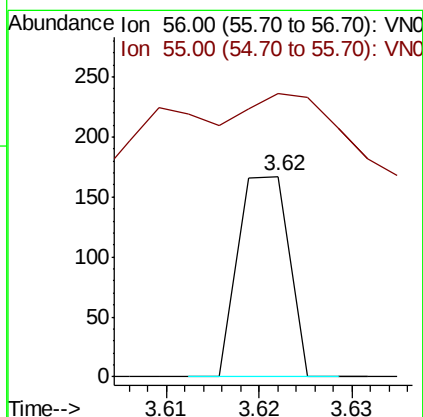
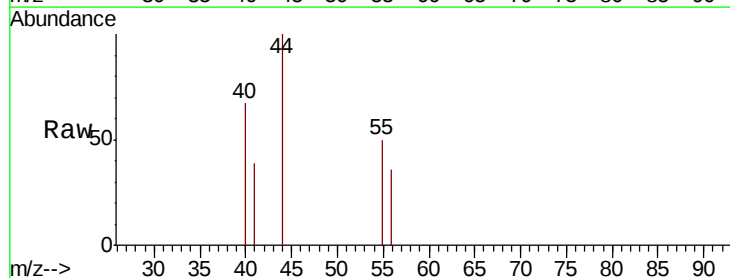
Instrument :
MSVOA_N
ClientSampleId :

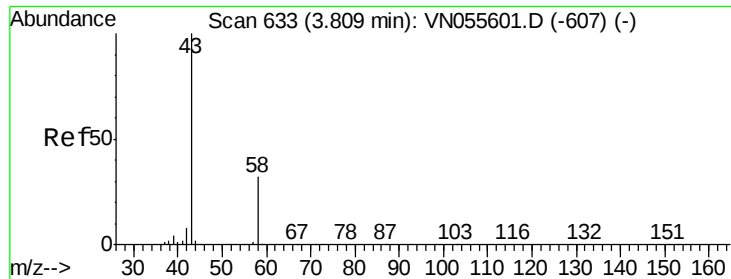
Tot Ion:168 Resp: 407323
Ion Ratio Lower Upper
168 100
99 48.2 40.2 60.2



#13
Acrolein
Concen: 1.512 ug/l
RT: 3.62 min Scan# 575
Delta R.T. 0.02 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 73.4 56.5 84.7





#16

Acetone

Concen: 5.677 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

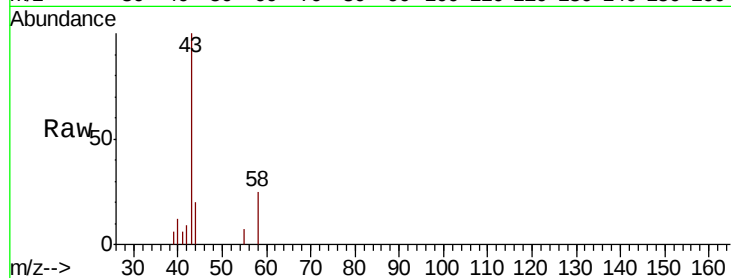
ClientSampleId :

Tot Ion: 43 Resp: 10344

Ion Ratio Lower Upper

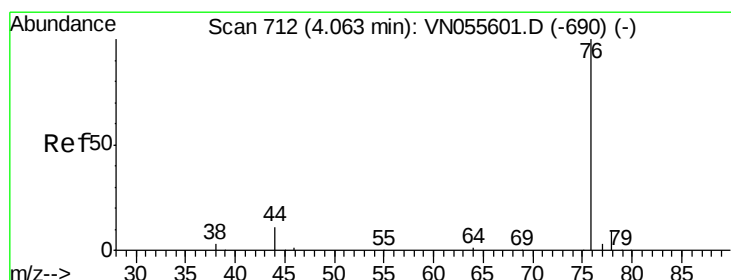
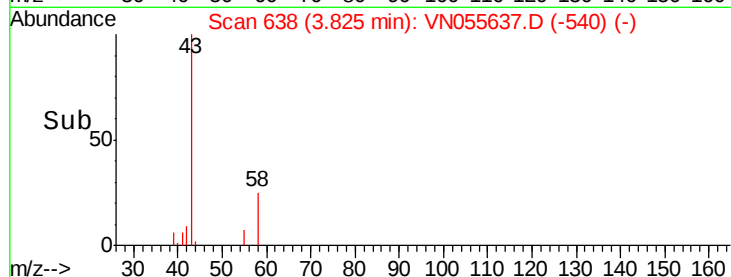
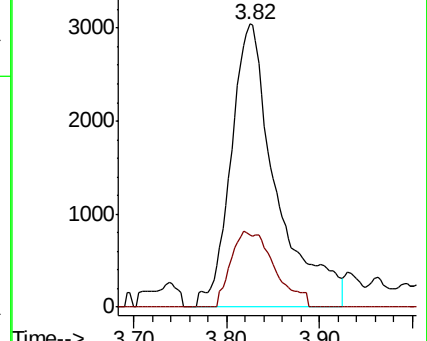
43 100

58 25.4 26.0 39.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.253 ug/l

RT: 4.06 min Scan# 712

Delta R.T. -0.00 min

Lab File: VN055637.D

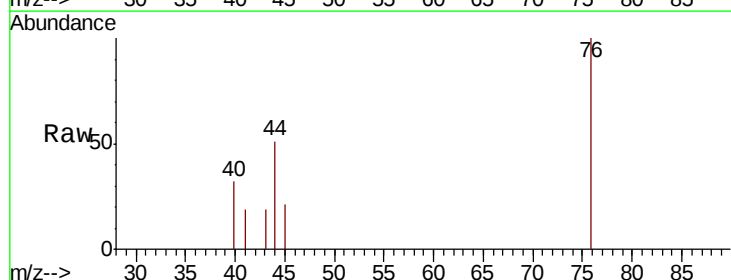
Acq: 18 May 2019 2:59

Tgt Ion: 76 Resp: 2619

Ion Ratio Lower Upper

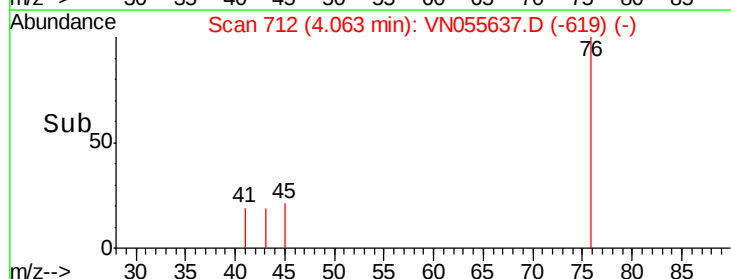
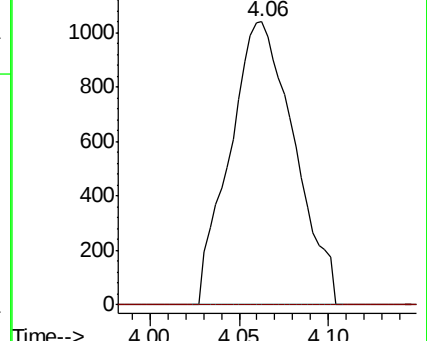
76 100

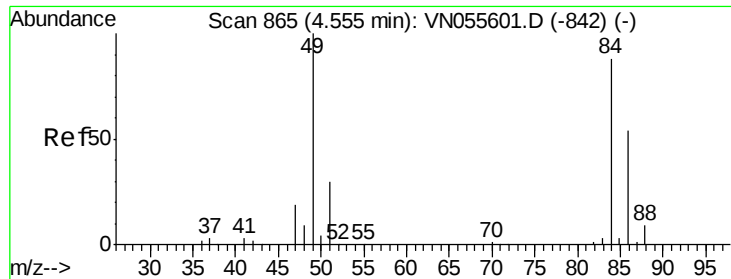
78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

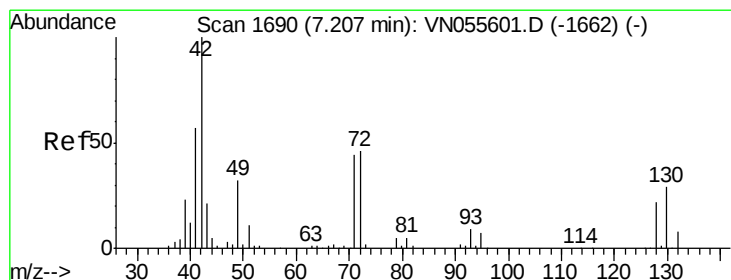
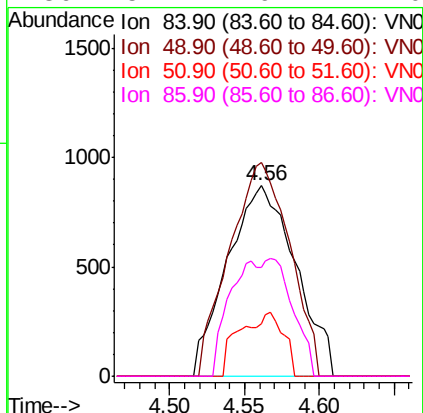
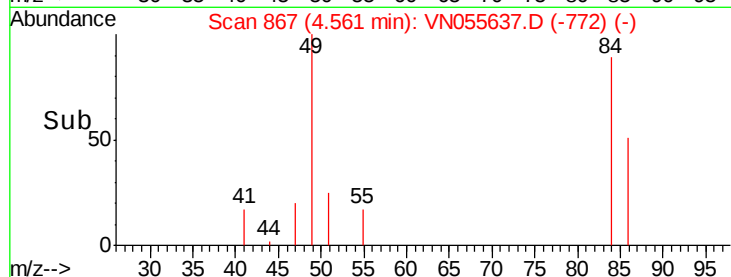
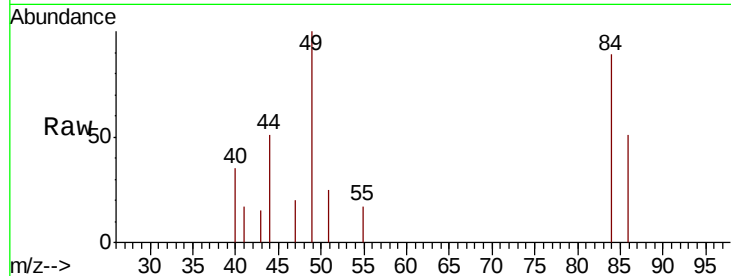




#20
Methvlene Chloride
Concen: 0.664 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

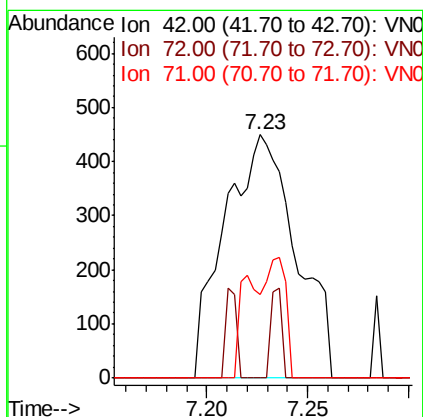
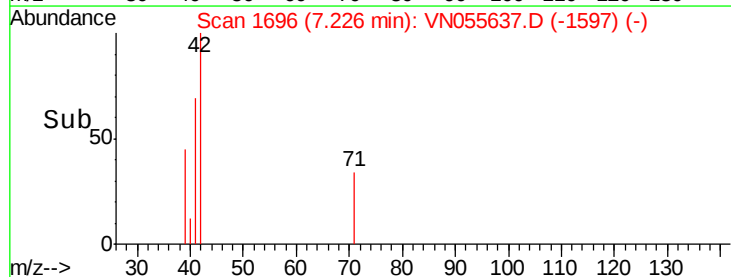
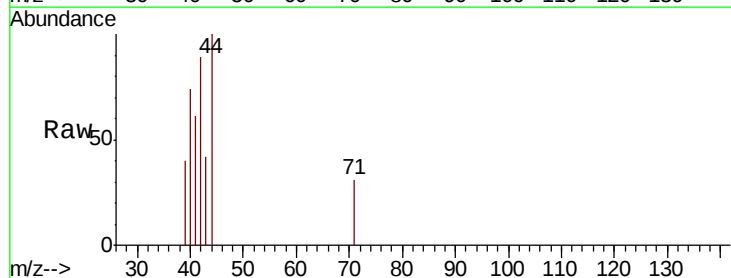
Instrument :
MSVOA_N
ClientSampled :

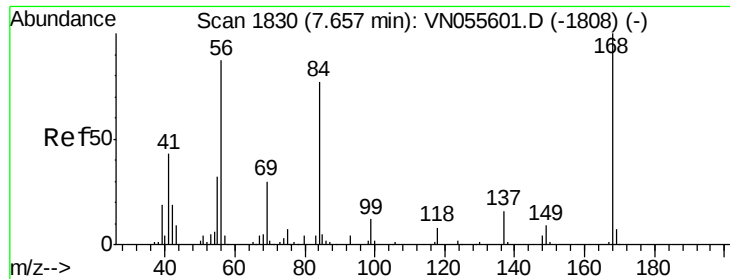
Tot Ion:	84	Resp:	2763
Ion	Ratio	Lower	Upper
84	100		
49	112.1	91.0	136.4
51	27.8	27.5	41.3
86	57.1	49.4	74.0



#29
Tetrahydrofuran
Concen: 0.655 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:	42	Resp:	1105
Ion	Ratio	Lower	Upper
42	100		
72	5.6	36.5	54.7#
71	11.9	34.9	52.3#

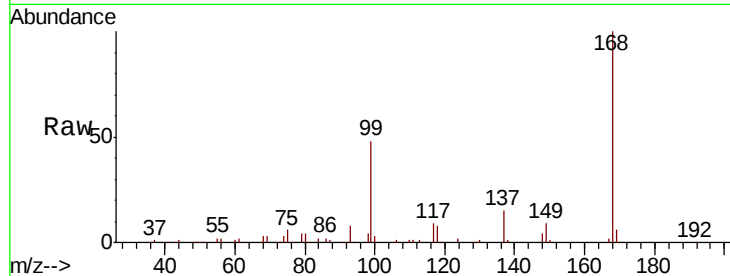




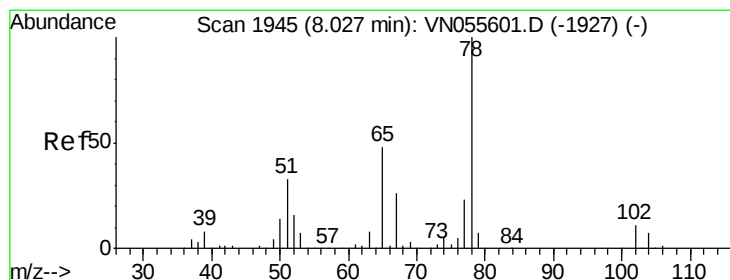
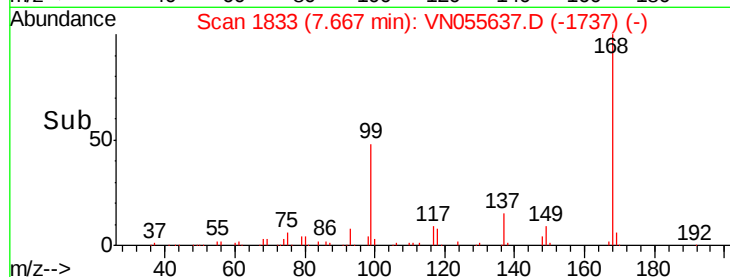
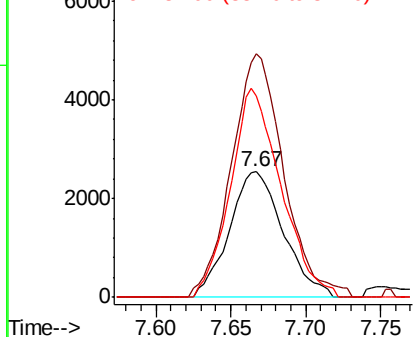
#31
Cyclohexane
Concen: 0.963 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 6377
Ion Ratio Lower Upper
56 100
69 194.2 27.2 40.8#
84 160.2 71.3 106.9#

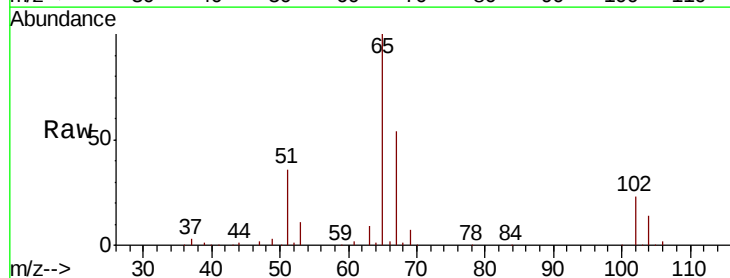


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

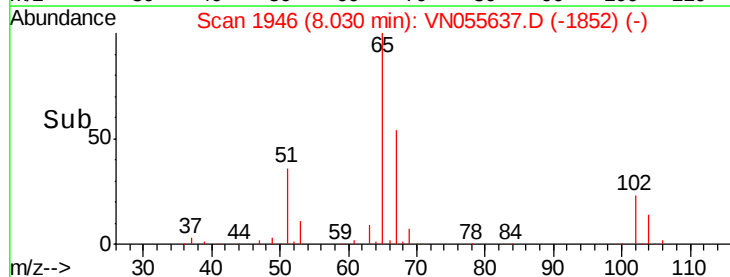
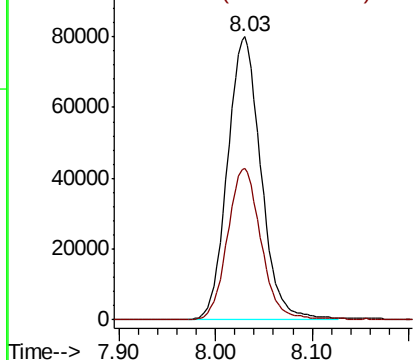


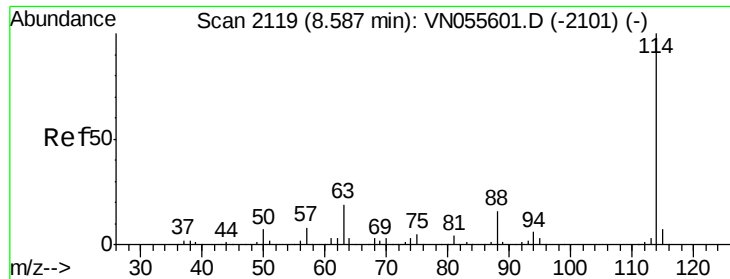
#33
1,2-Dichloroethane-d4
Concen: 43.128 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 65 Resp: 192572
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.6



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: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

ClientSampleId :

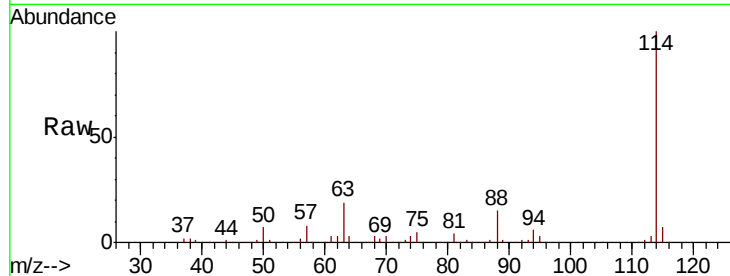
Tot Ion:114 Resp: 581860

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.2

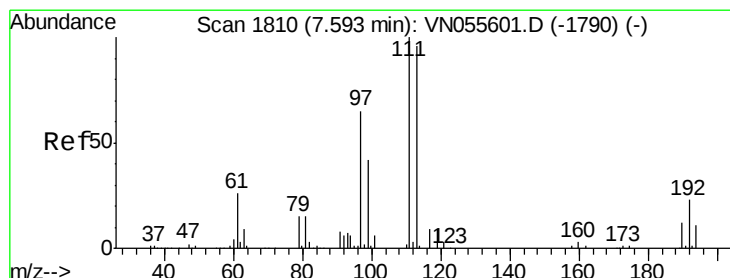
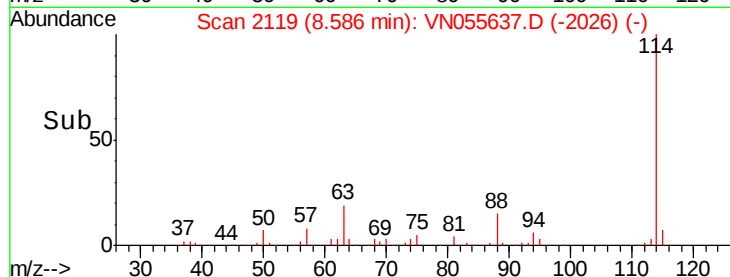
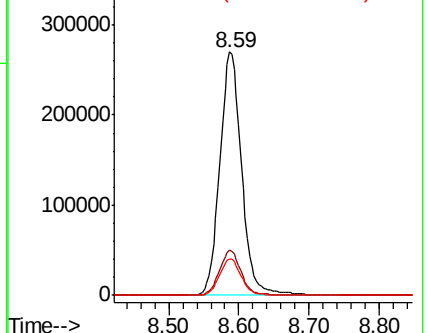
88 15.1 0.0 31.0



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: 48.191 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

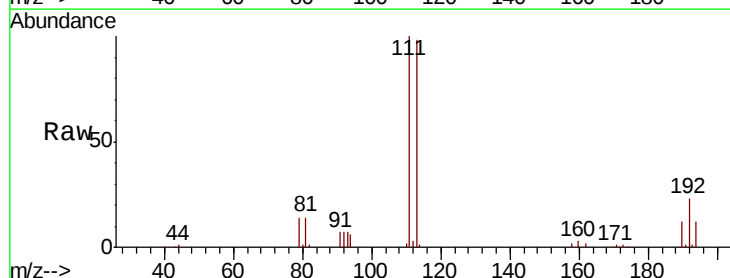
Tgt Ion:113 Resp: 178127

Ion Ratio Lower Upper

113 100

111 102.4 82.5 123.7

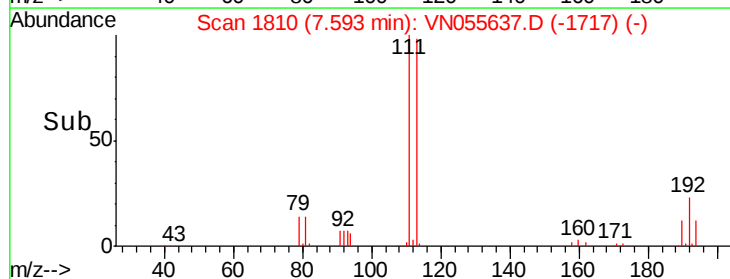
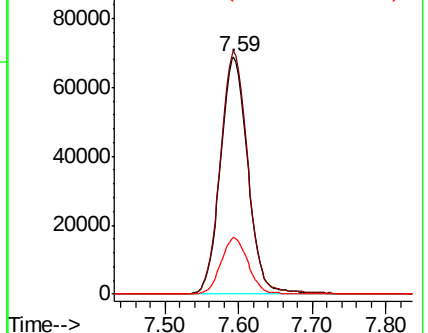
192 23.6 18.7 28.1

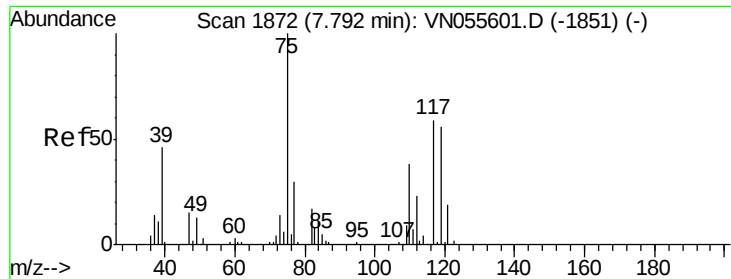


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.680 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

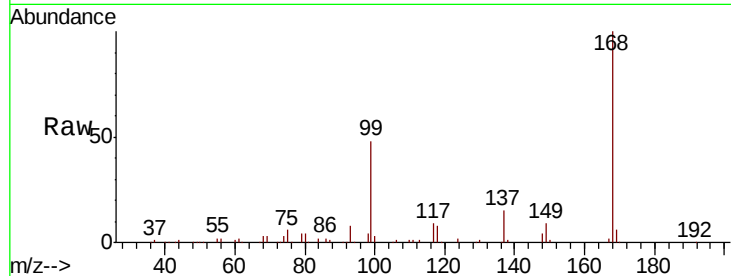
Tot Ion: 75 Resp: 24278

Ion Ratio Lower Upper

75 100

110 8.7 18.6 55.6#

77 0.0 24.9 37.3#



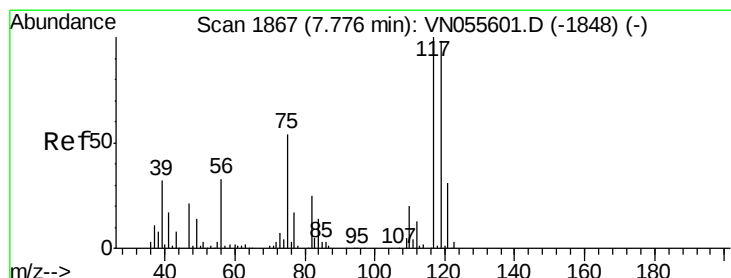
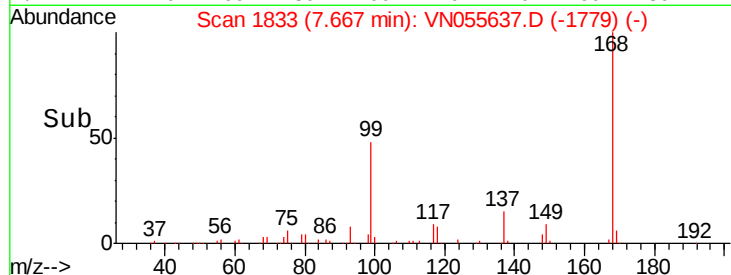
Abundance Ion 74.90 (74.60 to 75.60): VN055601.D (-1851) (-)

Ion 109.90 (109.60 to 110.60): VN055601.D (-1851) (-)

Ion 76.90 (76.60 to 77.60): VN055601.D (-1851) (-)

7.67

Time-->



#38

Carbon Tetrachloride

Concen: 6.255 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

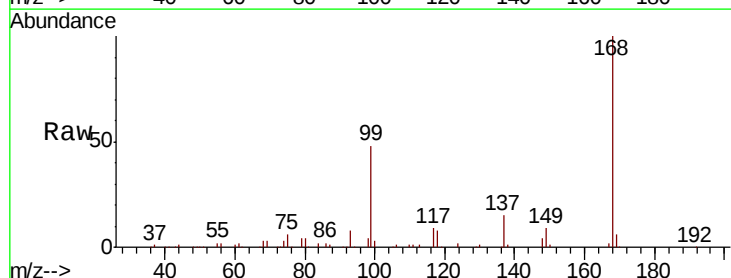
Tgt Ion: 117 Resp: 34672

Ion Ratio Lower Upper

117 100

119 4.4 77.8 116.8#

121 0.0 24.6 37.0#



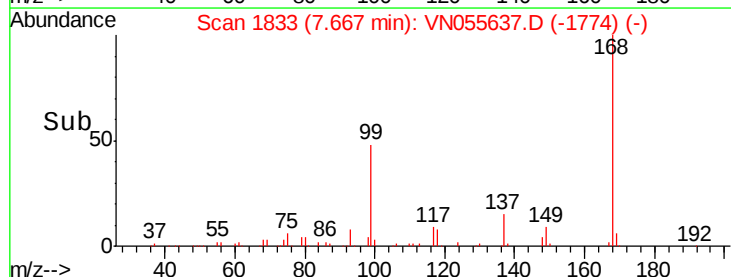
Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-1848) (-)

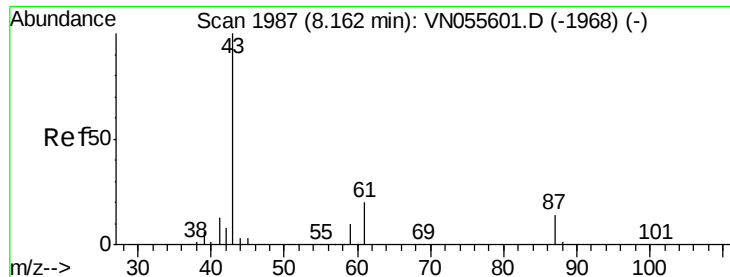
Ion 118.80 (118.50 to 119.50): VN055601.D (-1848) (-)

Ion 120.80 (120.50 to 121.50): VN055601.D (-1848) (-)

7.67

Time-->





#43

Isopropyl Acetate

Concen: 1.936 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

ClientSampleId :

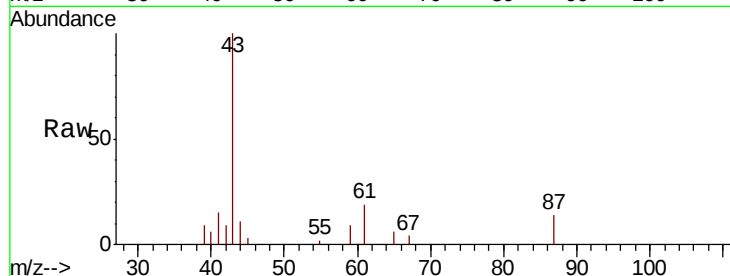
Tot Ion: 43 Resp: 15765

Ion Ratio Lower Upper

43 100

61 19.7 22.1 33.1#

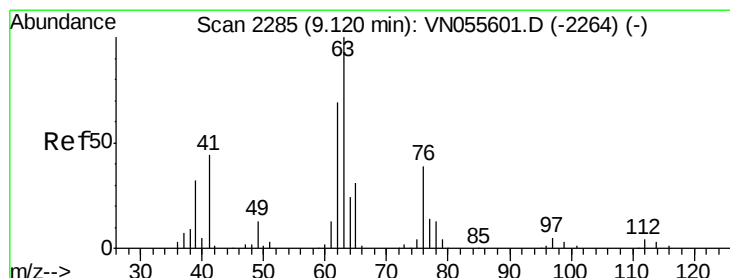
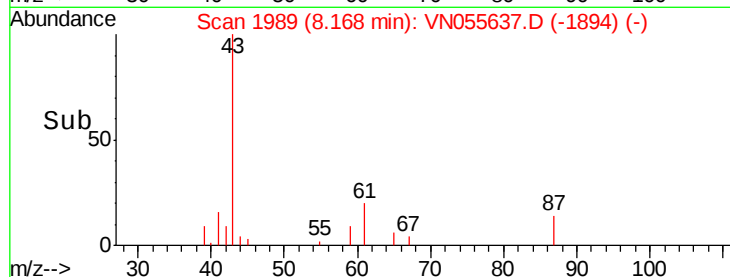
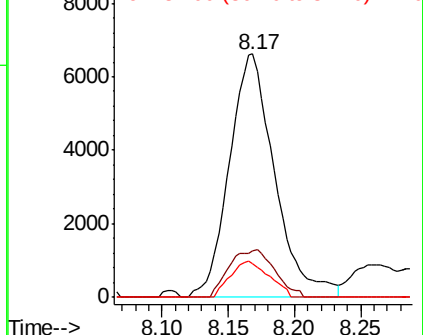
87 12.7 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.435 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN055637.D

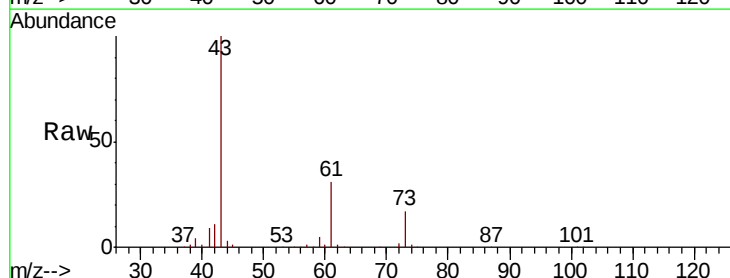
Acq: 18 May 2019 2:59

Tgt Ion: 63 Resp: 1750

Ion Ratio Lower Upper

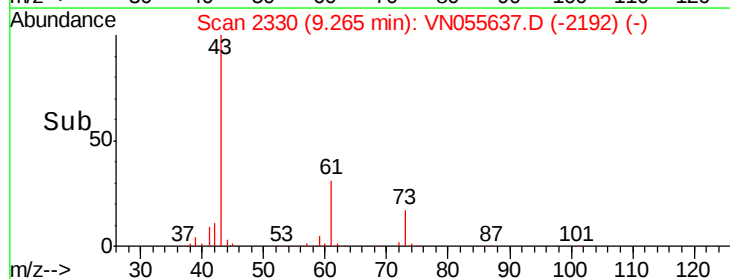
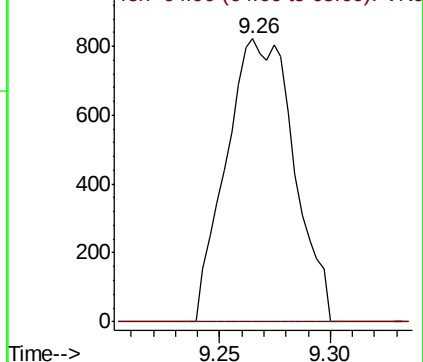
63 100

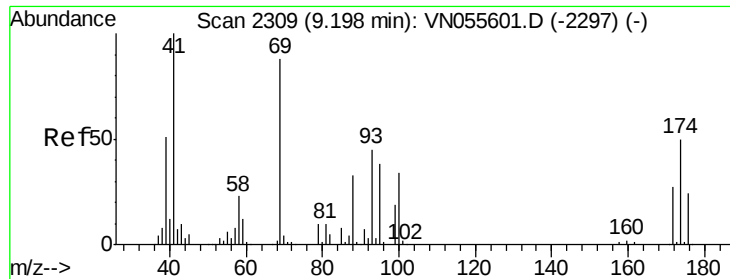
65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

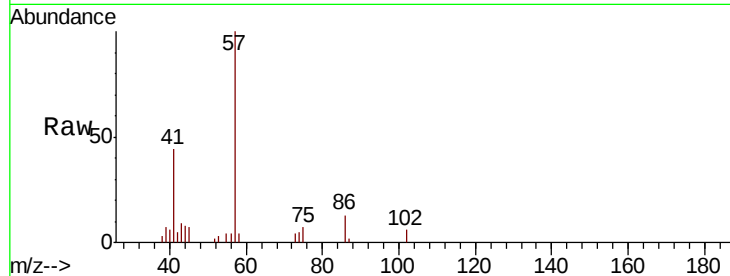




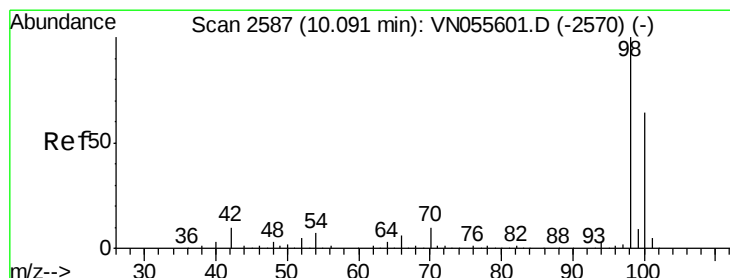
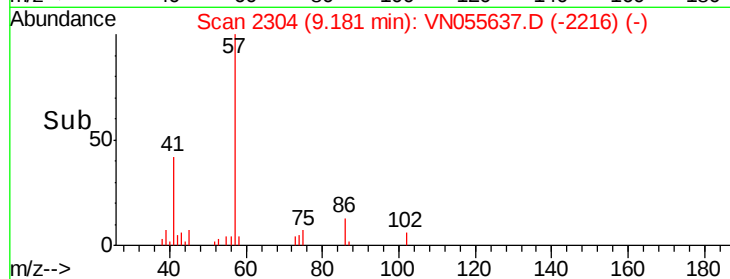
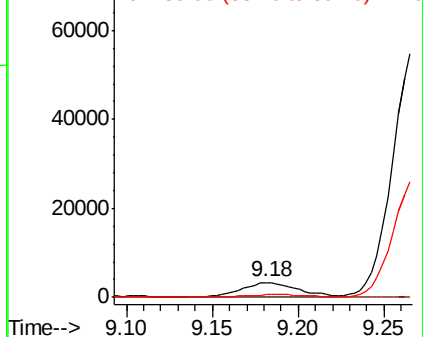
#48
Methvl methacrylate
Concen: 2.099 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 7638
Ion Ratio Lower Upper
41 100
69 0.0 74.2 111.2#
39 0.0 43.8 65.8#

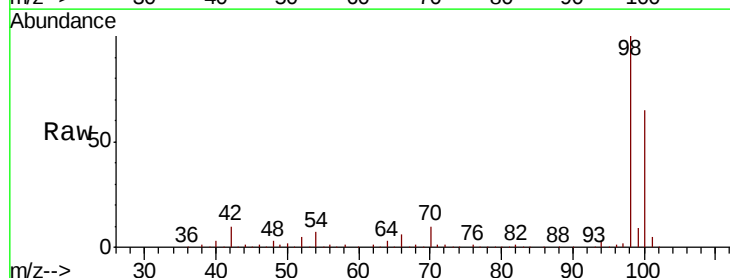


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

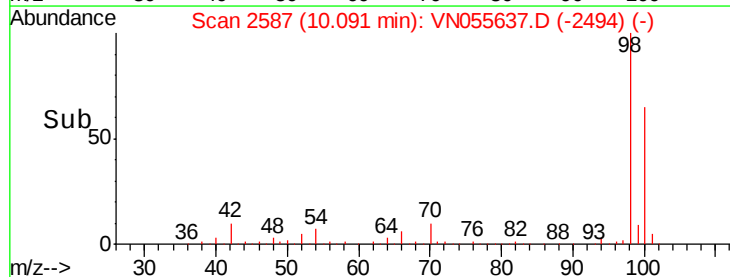
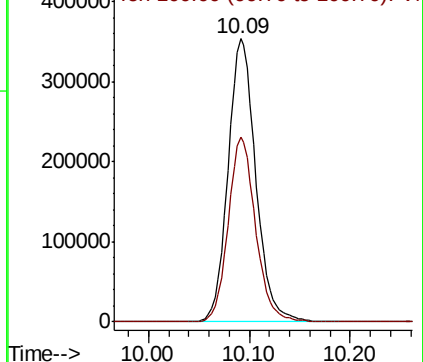


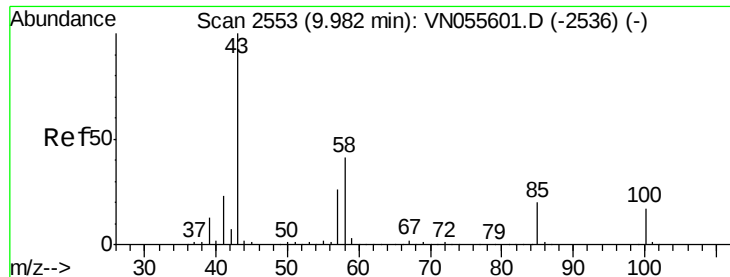
#50
Toluene-d8
Concen: 48.420 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 98 Resp: 676713
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.827 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

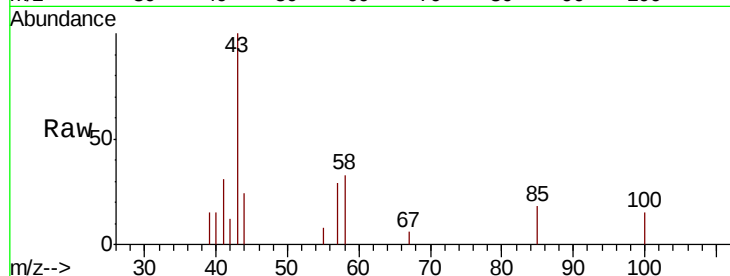
ClientSampled :

Tot Ion: 43 Resp: 3950

Ion Ratio Lower Upper

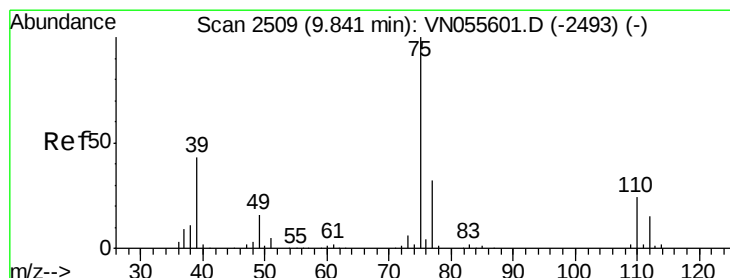
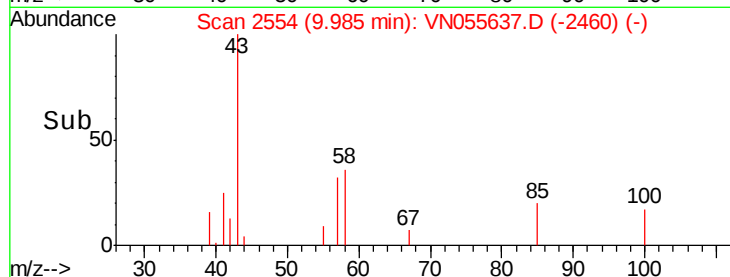
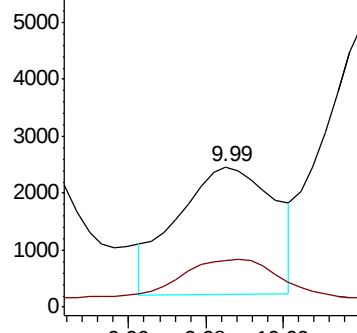
43 100

58 45.8 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 9.553 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

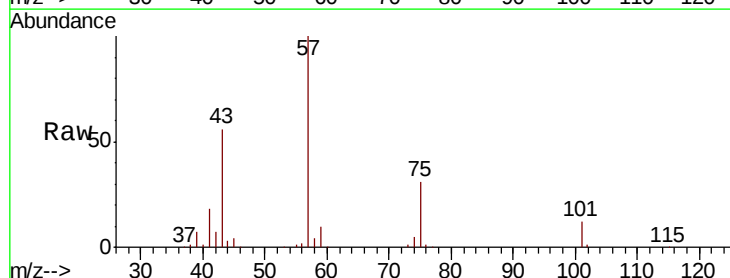
Tgt Ion: 75 Resp: 62110

Ion Ratio Lower Upper

75 100

77 0.5 25.7 38.5#

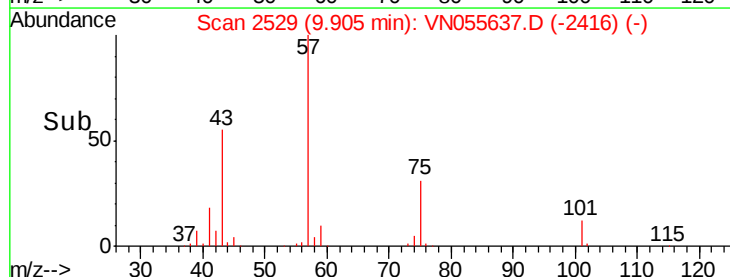
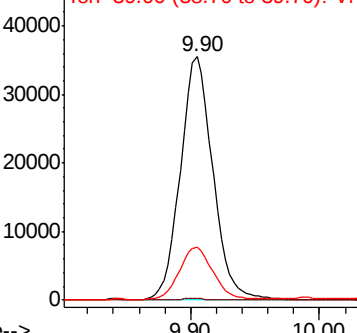
39 21.8 34.7 52.1#

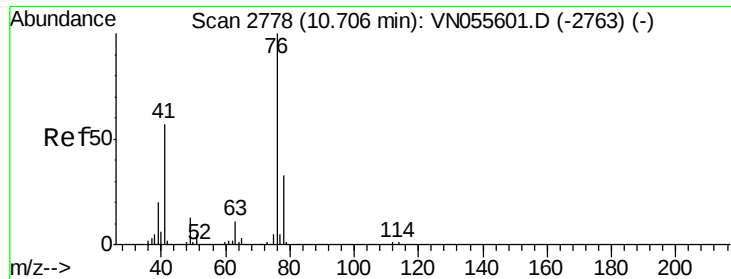


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

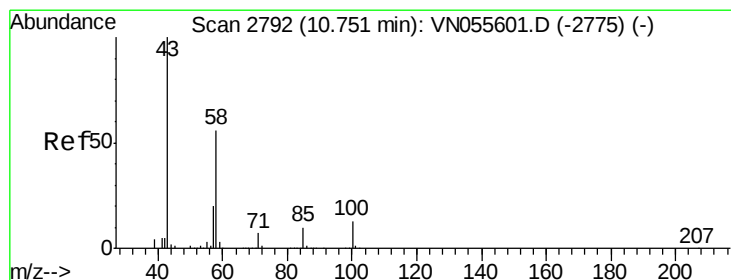
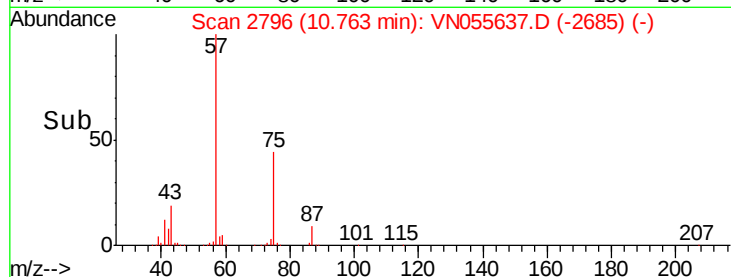
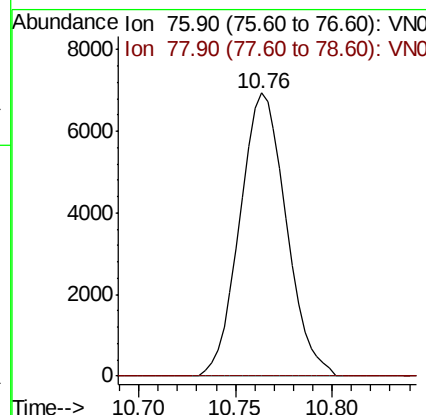
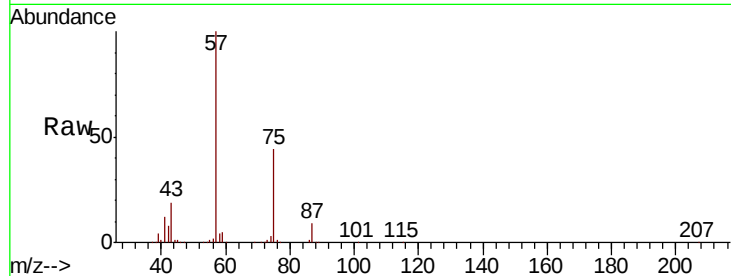




#57
 1,3-Dichloropropane
 Concen: 1.855 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055637.D
 Acq: 18 May 2019 2:59

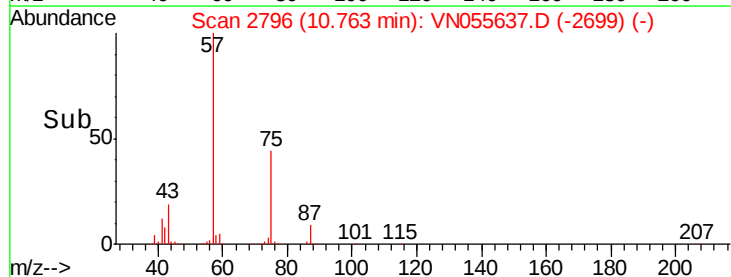
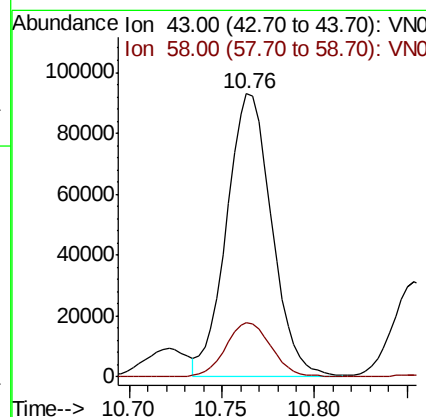
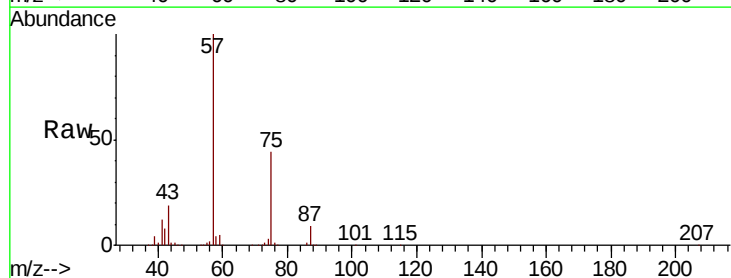
Instrument :
 MSVOA_N
 ClientSampleId :

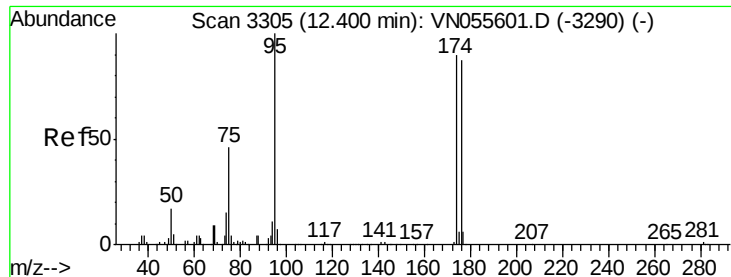
Tot Ion: 76 Resp: 11574
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.5 39.7#



#59
 2-Hexanone
 Concen: 46.549 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055637.D
 Acq: 18 May 2019 2:59

Tgt Ion: 43 Resp: 156541
 Ion Ratio Lower Upper
 43 100
 58 19.5 28.1 84.4#





#62

4-Bromofluorobenzene

Concen: 46.094 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

ClientSampleId :

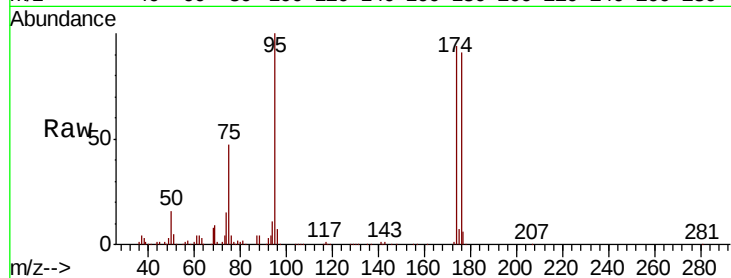
Tot Ion: 95 Resp: 222453

Ion Ratio Lower Upper

95 100

174 94.0 0.0 180.6

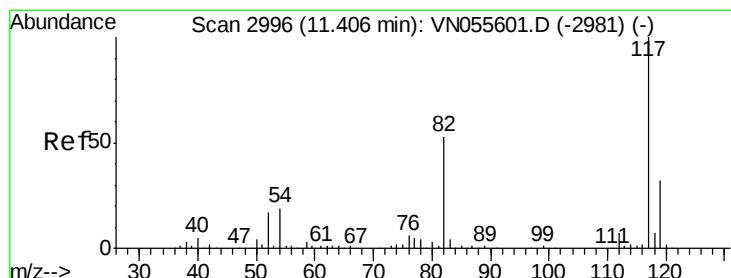
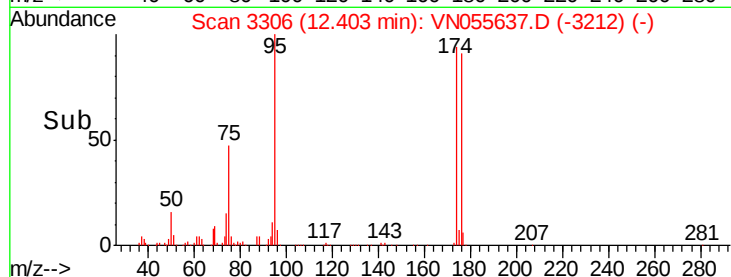
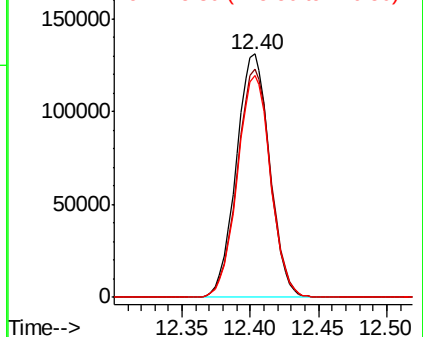
176 90.8 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055637.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055637.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055637.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

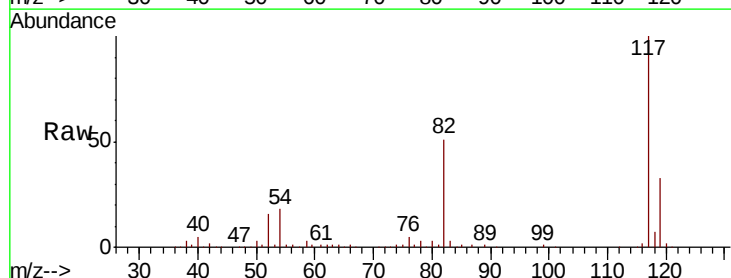
Tgt Ion: 117 Resp: 499543

Ion Ratio Lower Upper

117 100

82 51.2 42.3 63.5

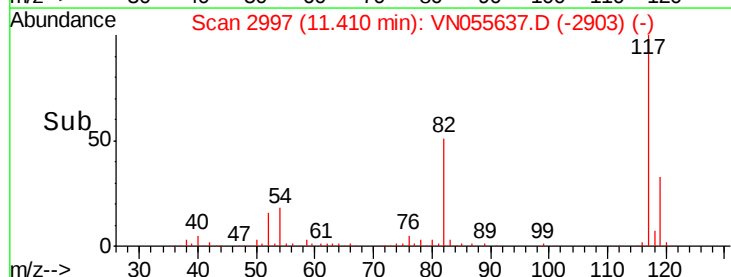
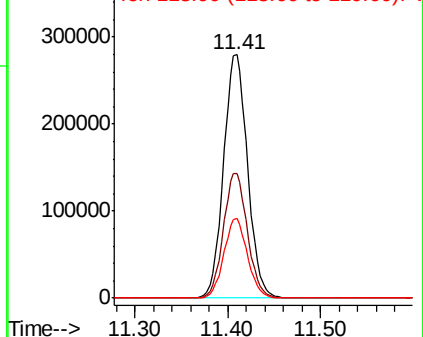
119 32.6 25.4 38.2

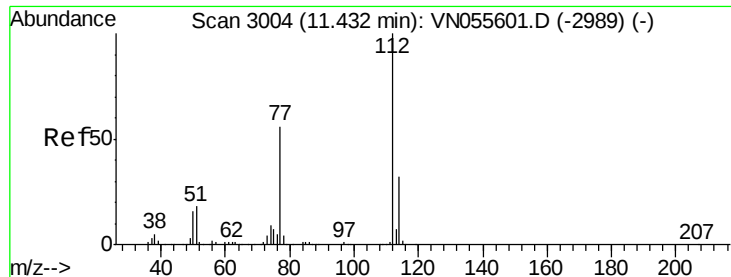


Abundance Ion 116.90 (116.60 to 117.60): VN055637.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055637.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055637.D (-2903) (-)

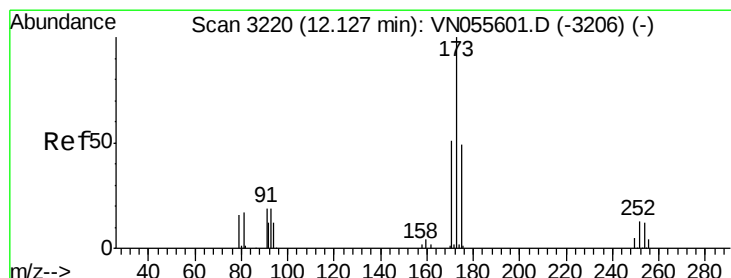
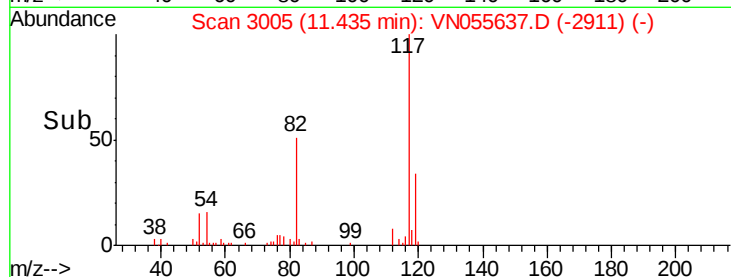
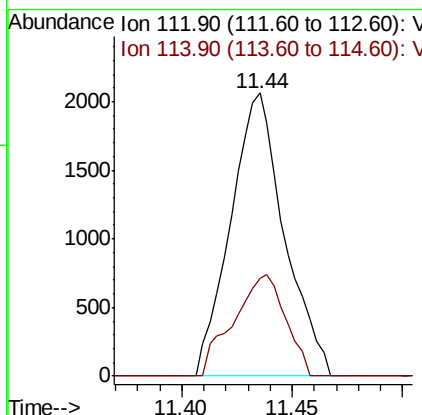
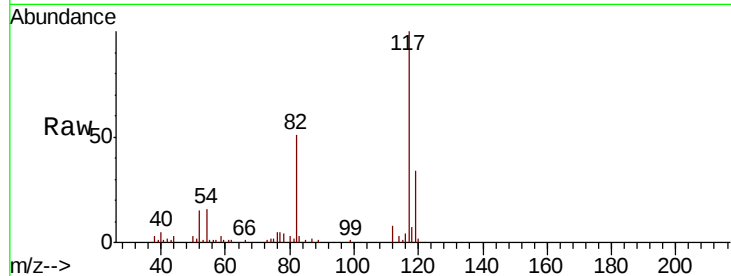




#65
Chlorobenzene
Concen: 0.345 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

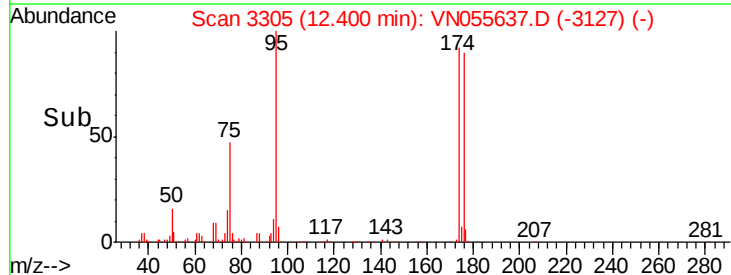
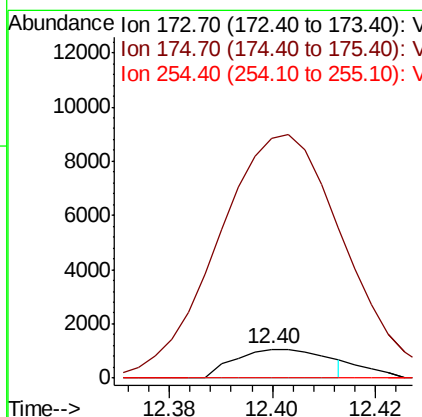
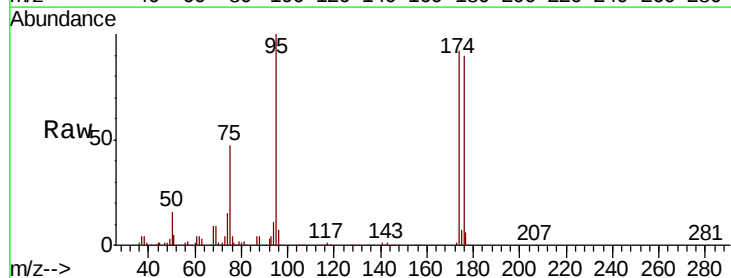
Instrument :
MSVOA_N
ClientSampleId :

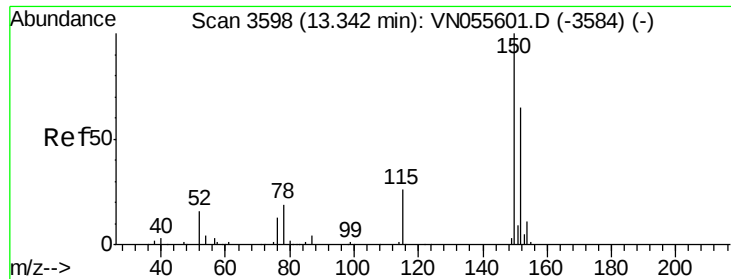
Tot Ion:112 Resp: 3487
Ion Ratio Lower Upper
112 100
114 34.7 25.6 38.4



#71
Bromoform
Concen: 0.381 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:173 Resp: 1312
Ion Ratio Lower Upper
173 100
175 1011.7 24.3 72.9#
254 0.0 0.1 0.1#



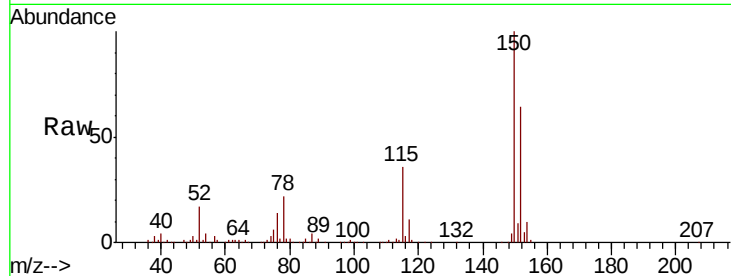


#72

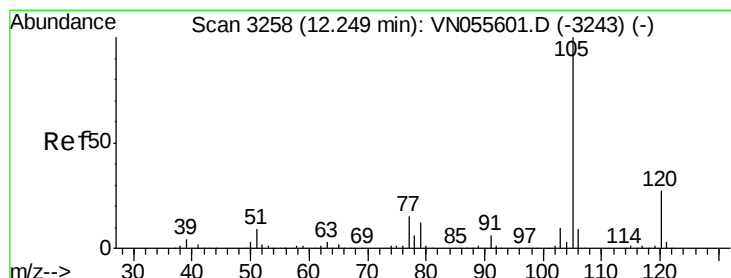
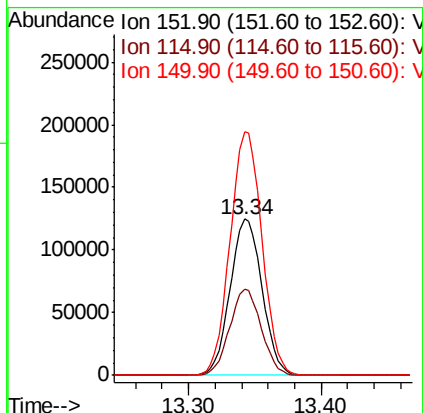
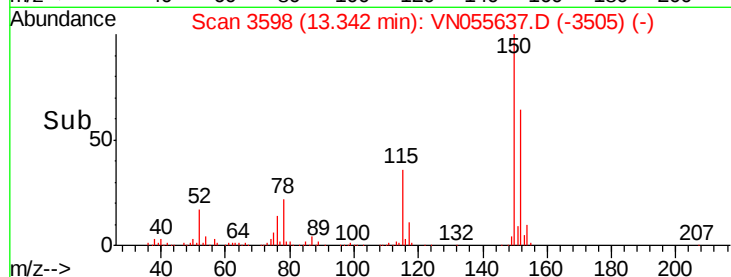
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.1	84.2
150	155.5	0.0	348.0



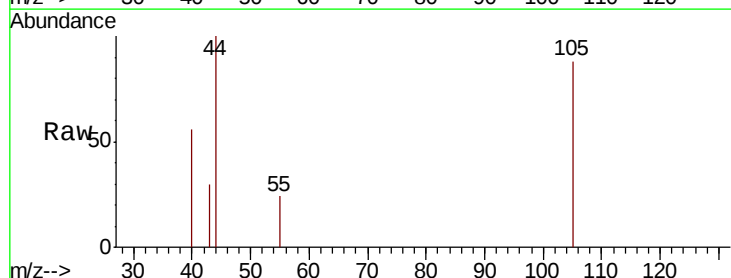
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



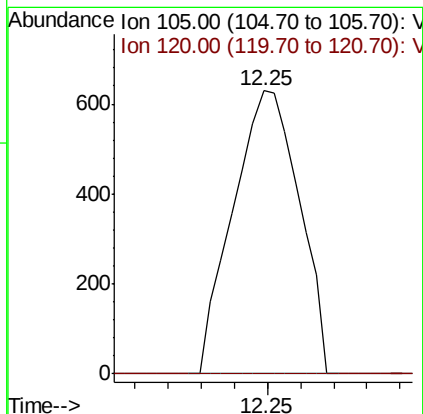
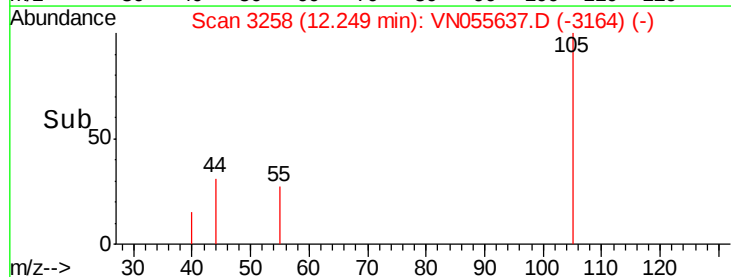
#73

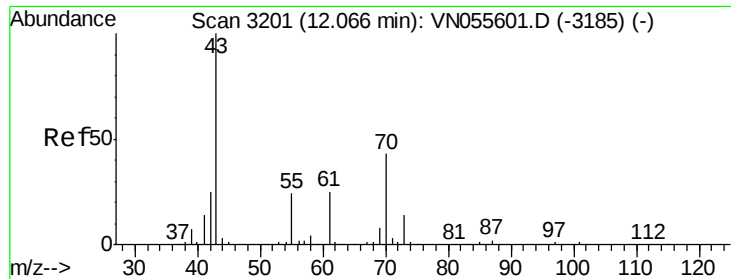
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.4	40.2#



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





#74

N-amvl acetate

Concen: 2.912 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 17071

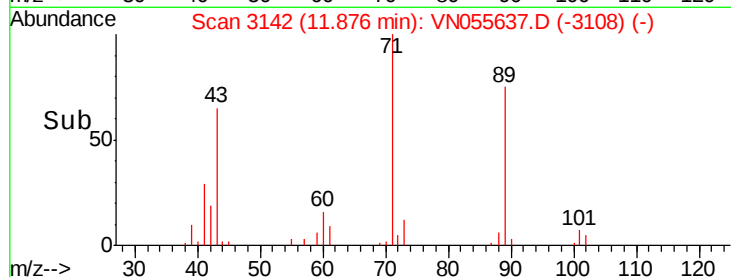
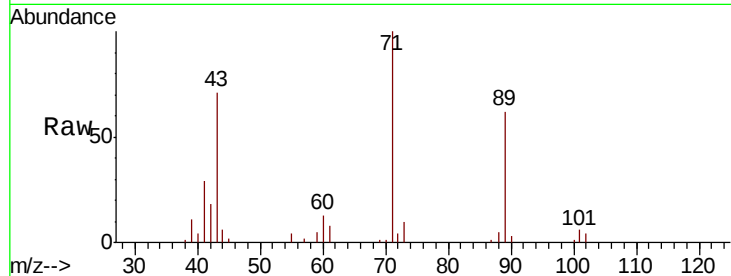
Ion Ratio Lower Upper

43 100

70 1.4 35.0 52.6#

55 6.1 18.9 28.3#

61 10.4 20.1 30.1#

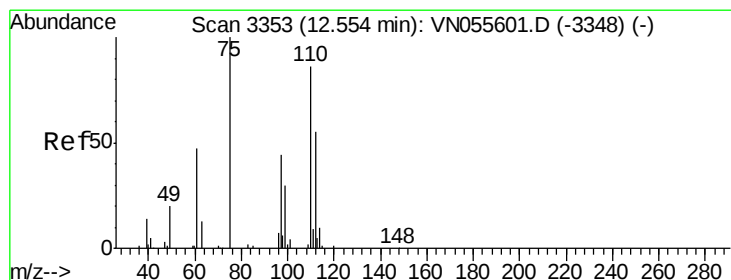
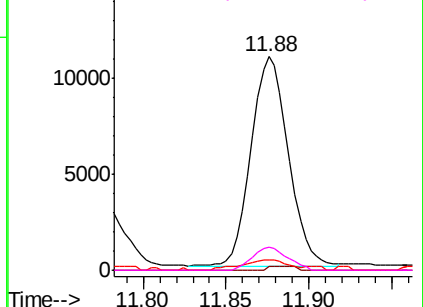


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 24.356 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN055637.D

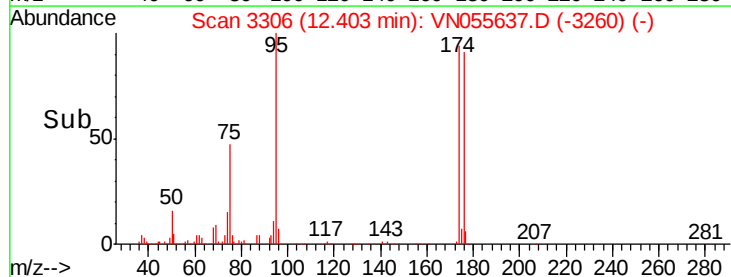
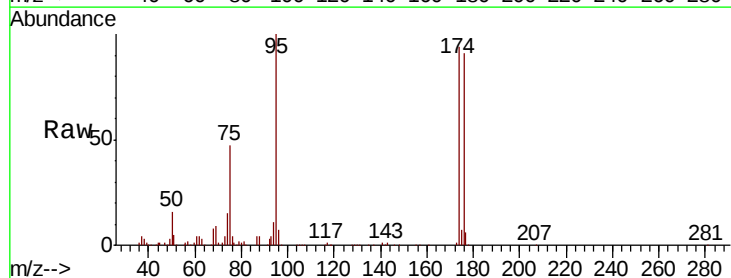
Acq: 18 May 2019 2:59

Tgt Ion: 75 Resp: 103772

Ion Ratio Lower Upper

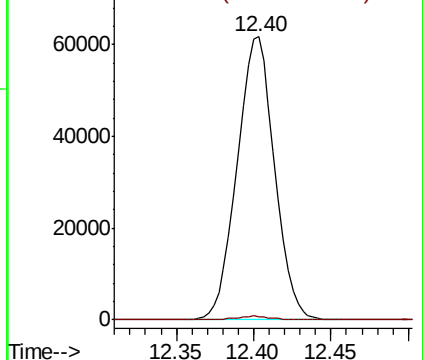
75 100

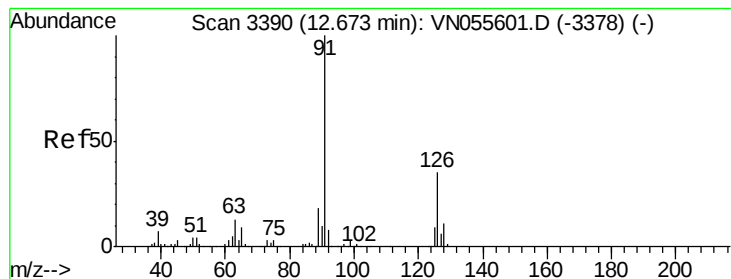
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

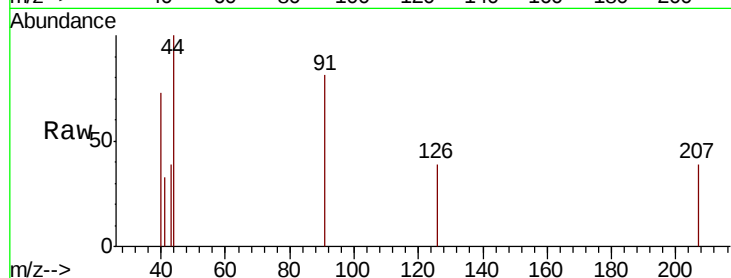
ClientSampleId :

Tot Ion: 91 Resp: 704

Ion Ratio Lower Upper

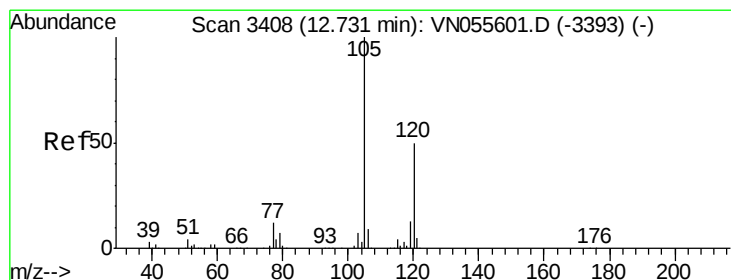
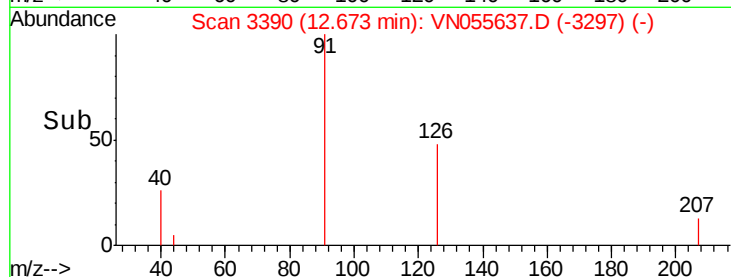
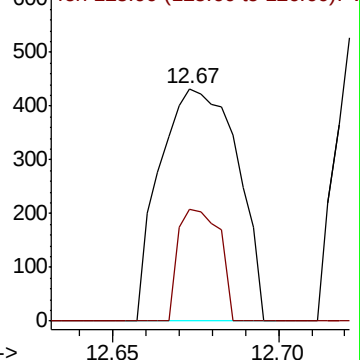
91 100

126 25.7 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055637.D

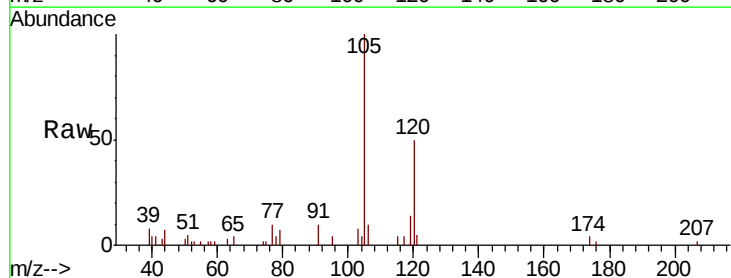
Acq: 18 May 2019 2:59

Tgt Ion: 105 Resp: 14411

Ion Ratio Lower Upper

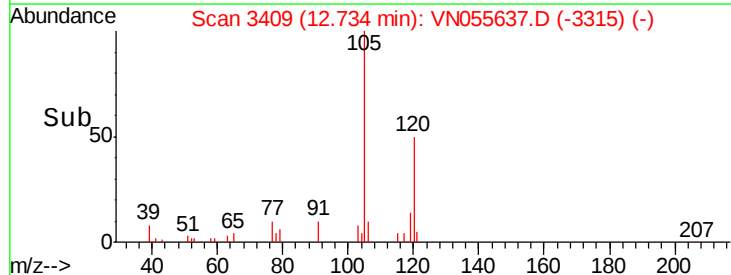
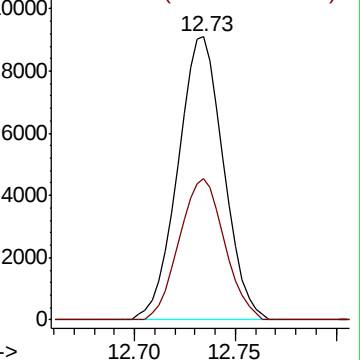
105 100

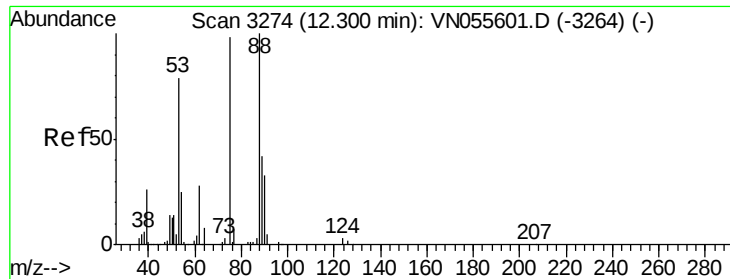
120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 62.610 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

ClientSampleId :

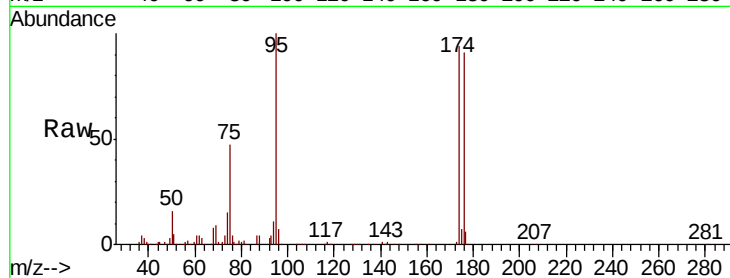
Tot Ion: 75 Resp: 103772

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

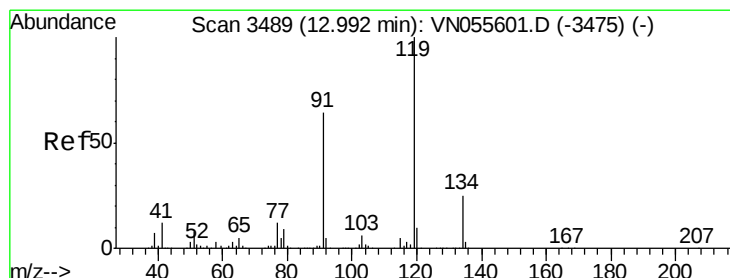
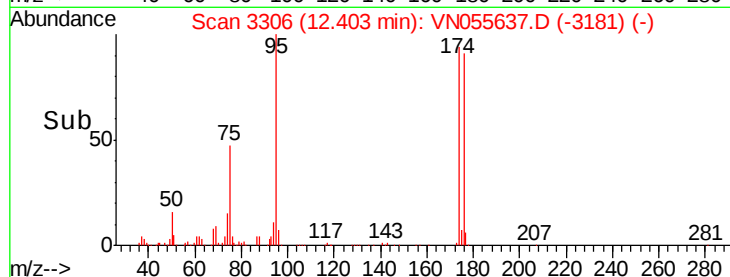
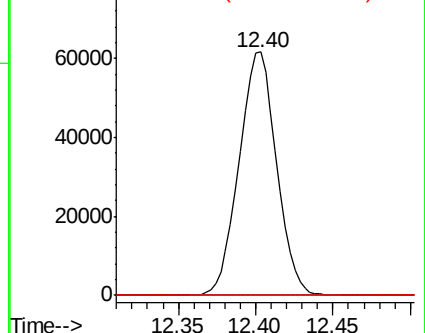
89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VN055637.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055637.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055637.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

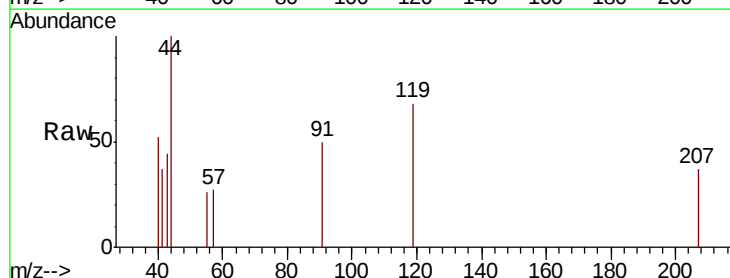
Tgt Ion: 119 Resp: 566

Ion Ratio Lower Upper

119 100

91 71.6 31.3 93.8

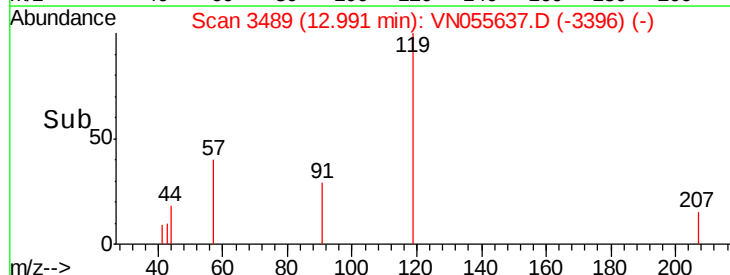
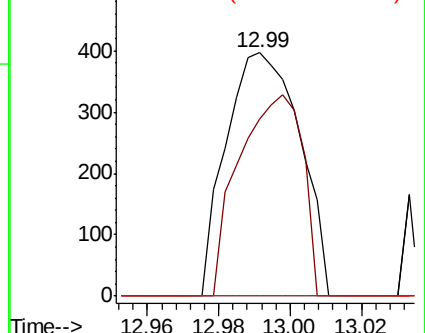
134 0.0 13.2 39.6#

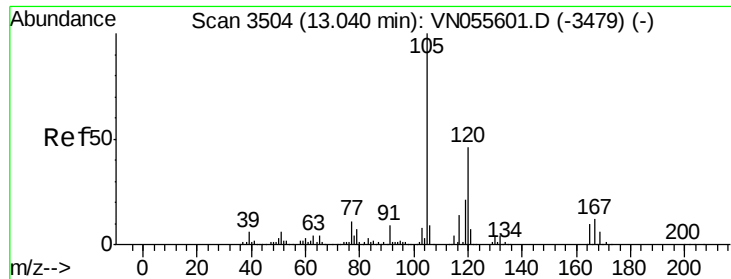


Abundance Ion 119.00 (118.70 to 119.70): VN055637.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN055637.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN055637.D (-3396) (-)

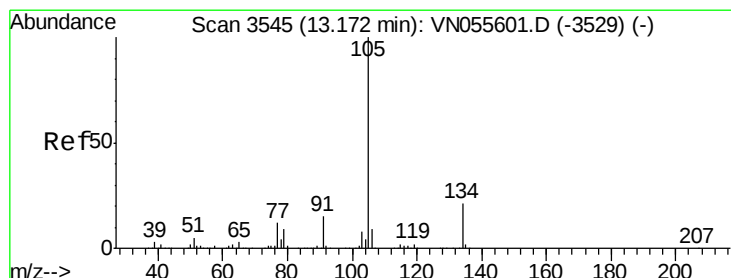
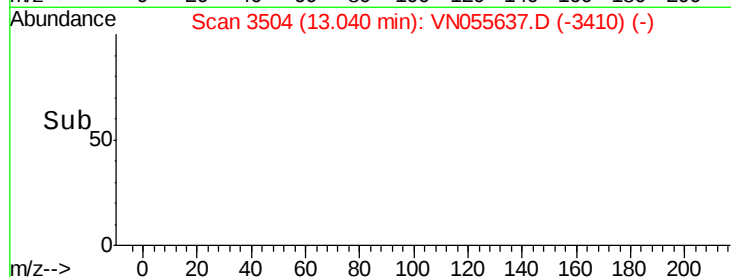
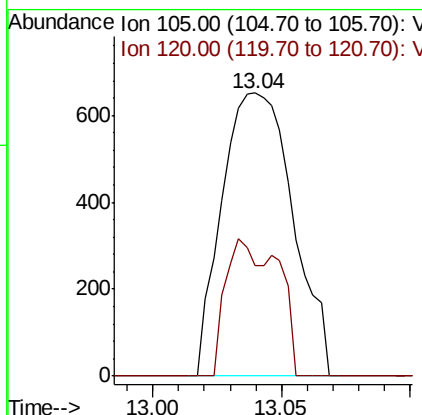
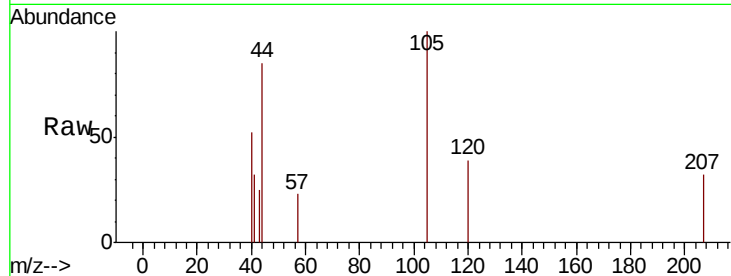




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055637.D
 Acq: 18 May 2019 2:59

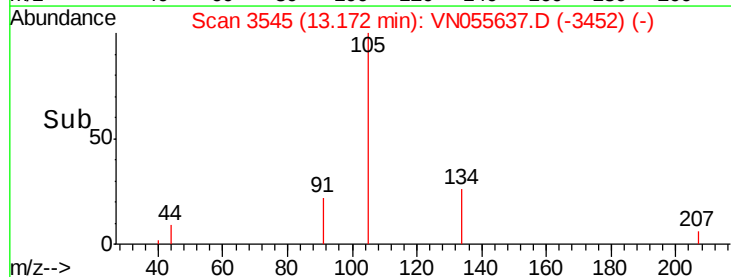
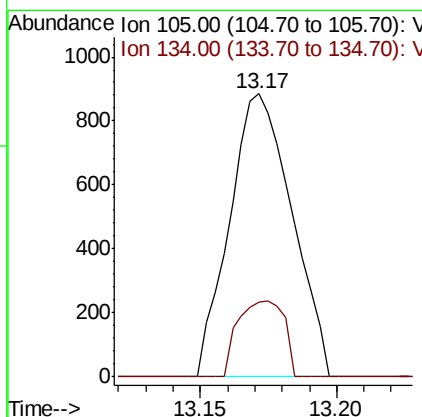
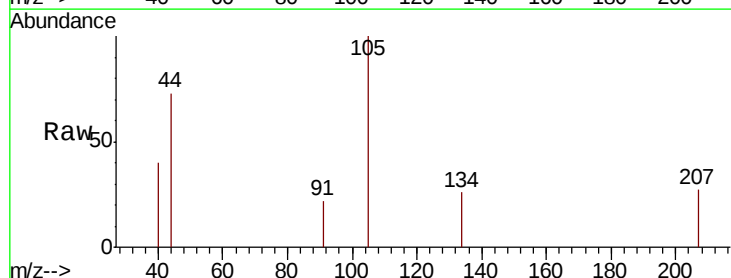
Instrument :
 MSVOA_N
 ClientSampled :

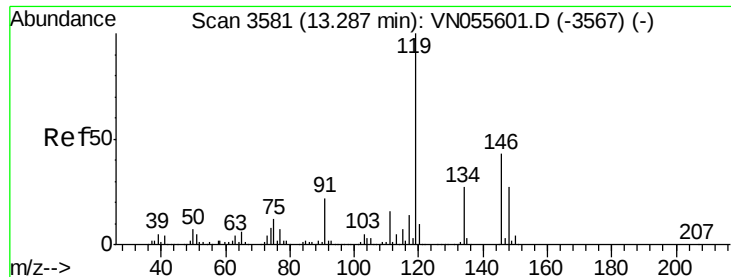
Tot Ion:105 Resp: 1251
 Ion Ratio Lower Upper
 105 100
 120 24.2 23.1 69.2



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055637.D
 Acq: 18 May 2019 2:59

Tgt Ion:105 Resp: 1403
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.3 30.9





#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055637.D

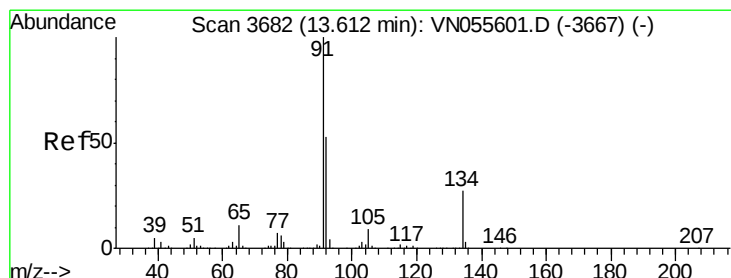
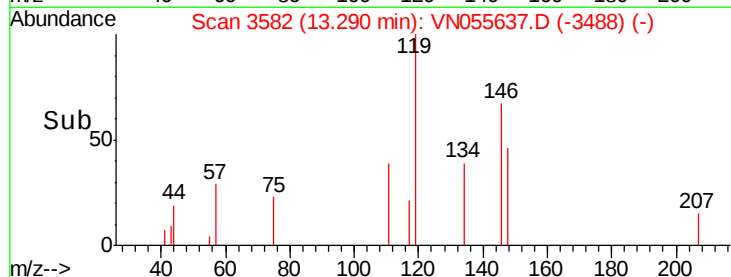
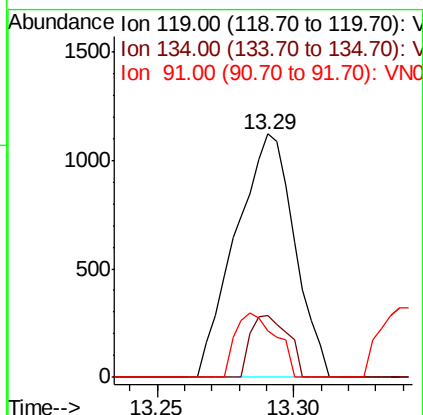
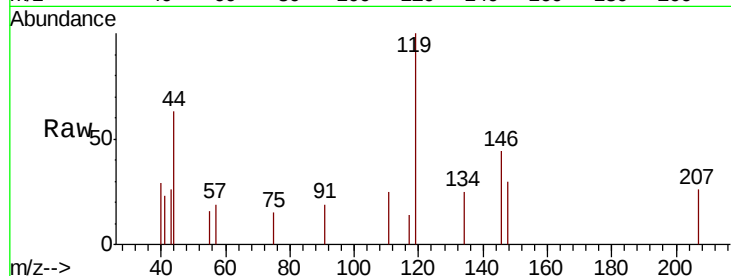
Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	119	Resp:	1674
Ion	Ratio	Lower	Upper
119	100		
134	15.9	13.4	40.2
91	18.2	11.0	33.0



#89

n-Butylbenzene

Concen: 0.208 ug/l

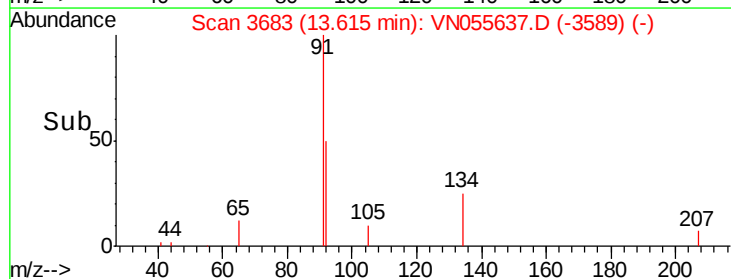
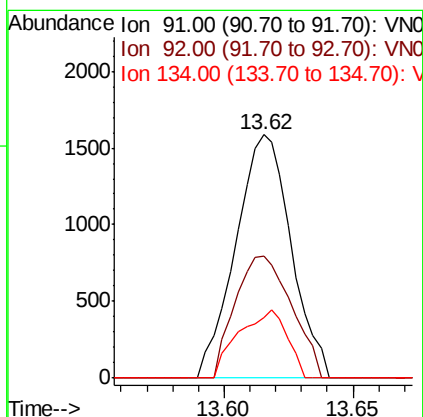
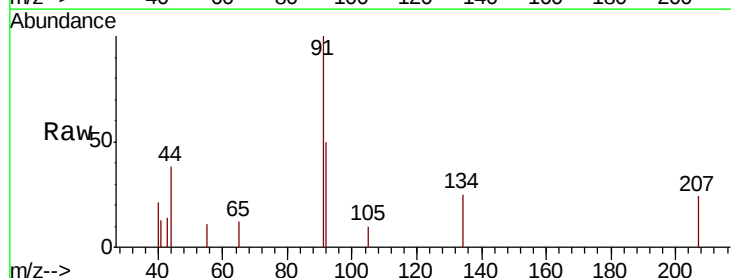
RT: 13.62 min Scan# 3683

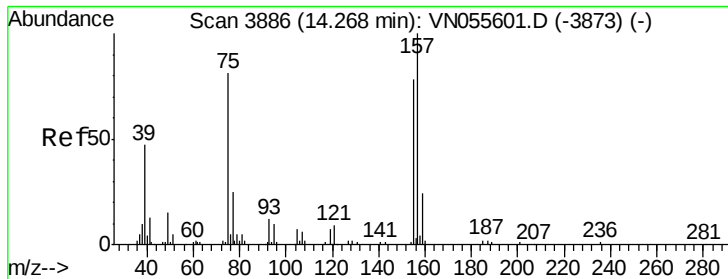
Delta R.T. 0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Tgt Ion:	91	Resp:	2379
Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.4	79.0
134	24.6	13.7	41.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.336 ug/l

RT: 14.26 min Scan# 3883

Delta R.T. -0.01 min

Lab File: VN055637.D

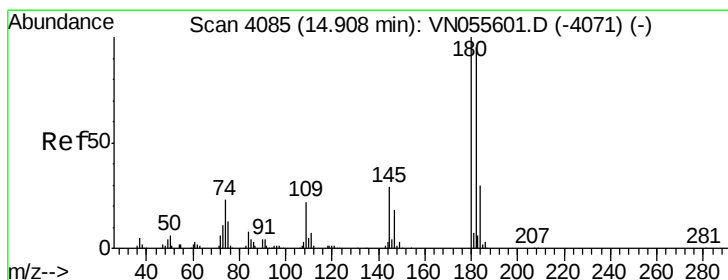
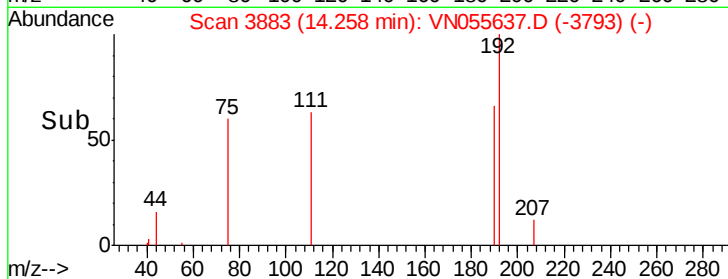
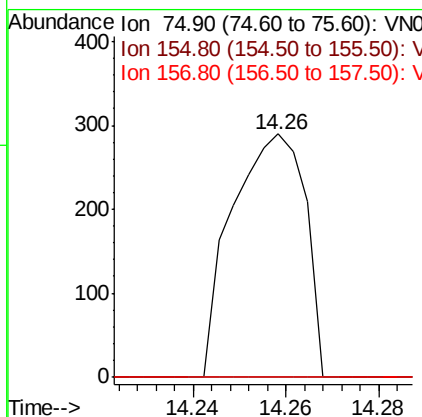
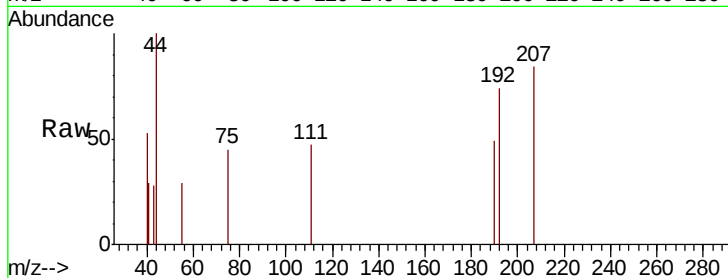
Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	75	Resp:	318
Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.4	145.0#
157	0.0	62.3	186.8#



#93

1,2,4-Trichlorobenzene

Concen: 0.242 ug/l

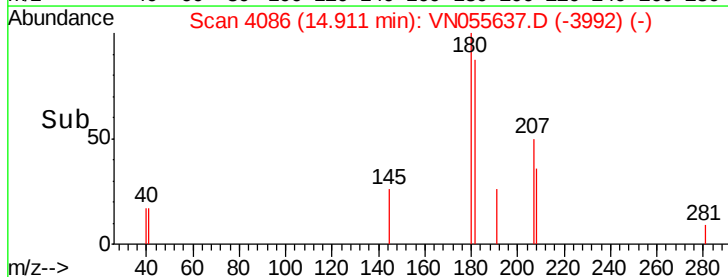
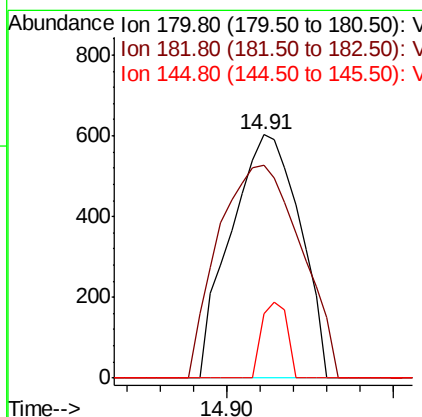
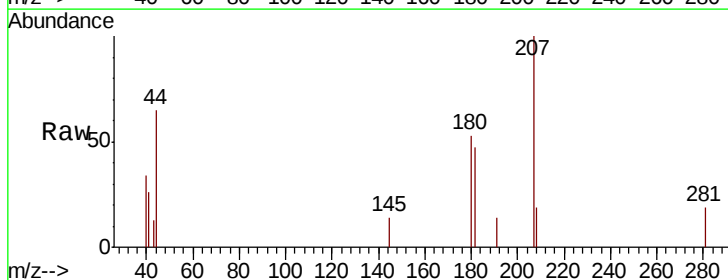
RT: 14.91 min Scan# 4086

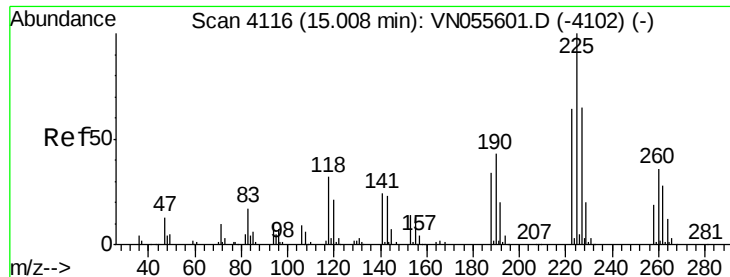
Delta R.T. 0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Tgt Ion:	180	Resp:	871
Ion	Ratio	Lower	Upper
180	100		
182	105.1	47.9	143.6
145	11.5	14.3	42.9#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

ClientSampled :

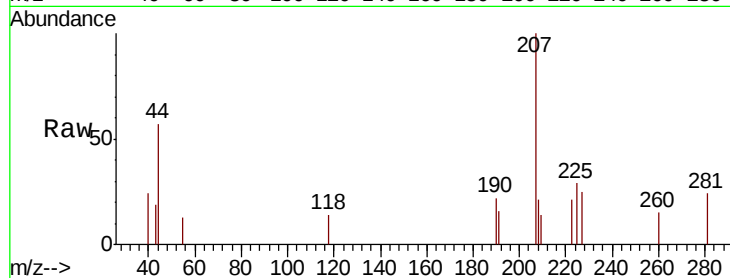
Tot Ion:225 Resp: 483

Ion Ratio Lower Upper

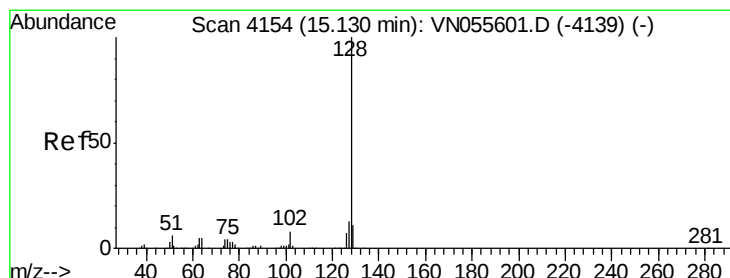
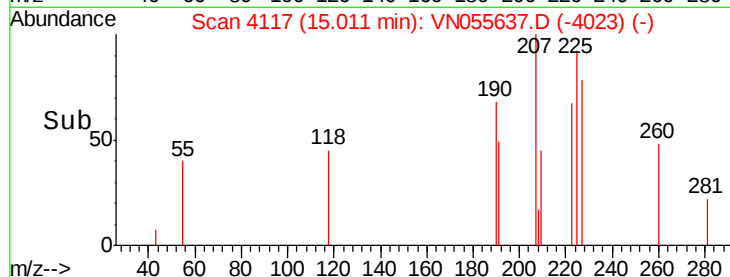
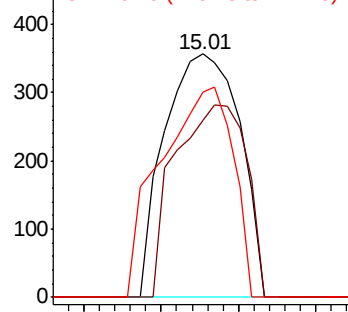
225 100

223 75.2 31.6 94.7

227 83.0 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: 1.988 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

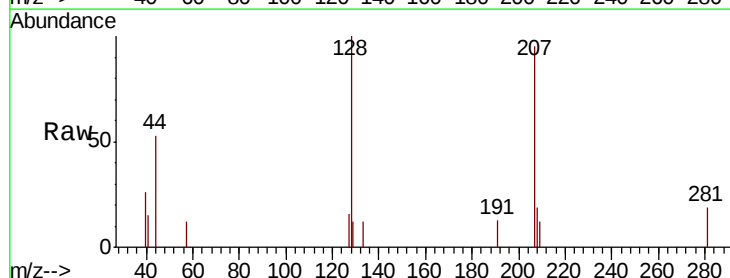
Tgt Ion:128 Resp: 2521

Ion Ratio Lower Upper

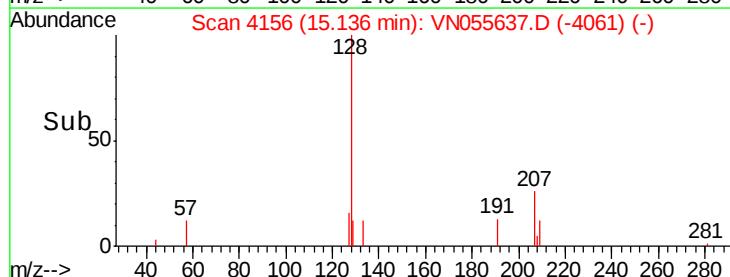
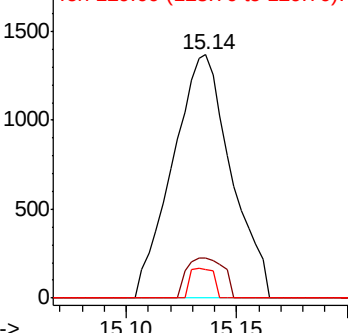
128 100

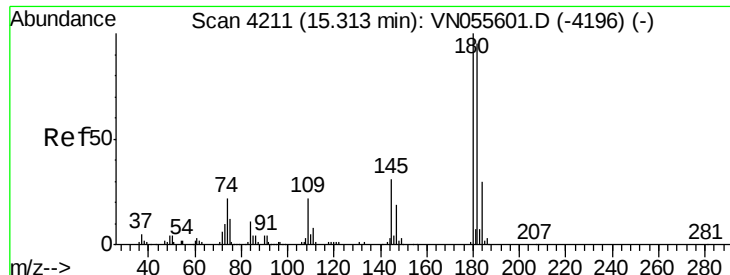
127 10.4 10.2 15.4

129 5.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

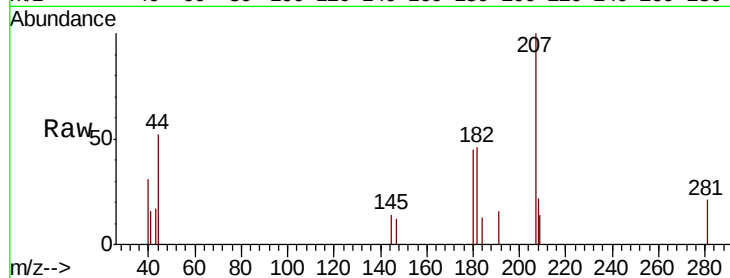




#96
 1,2,3-Trichlorobenzene
 Concen: 0.245 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055637.D
 Acq: 18 May 2019 2:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.9	143.6
145	21.3	15.4	46.1



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

