

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056189.D
 Acq On : 11 Jun 2019 00:34
 Operator : JC/SP
 Sample : K3203-16DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 02:25:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

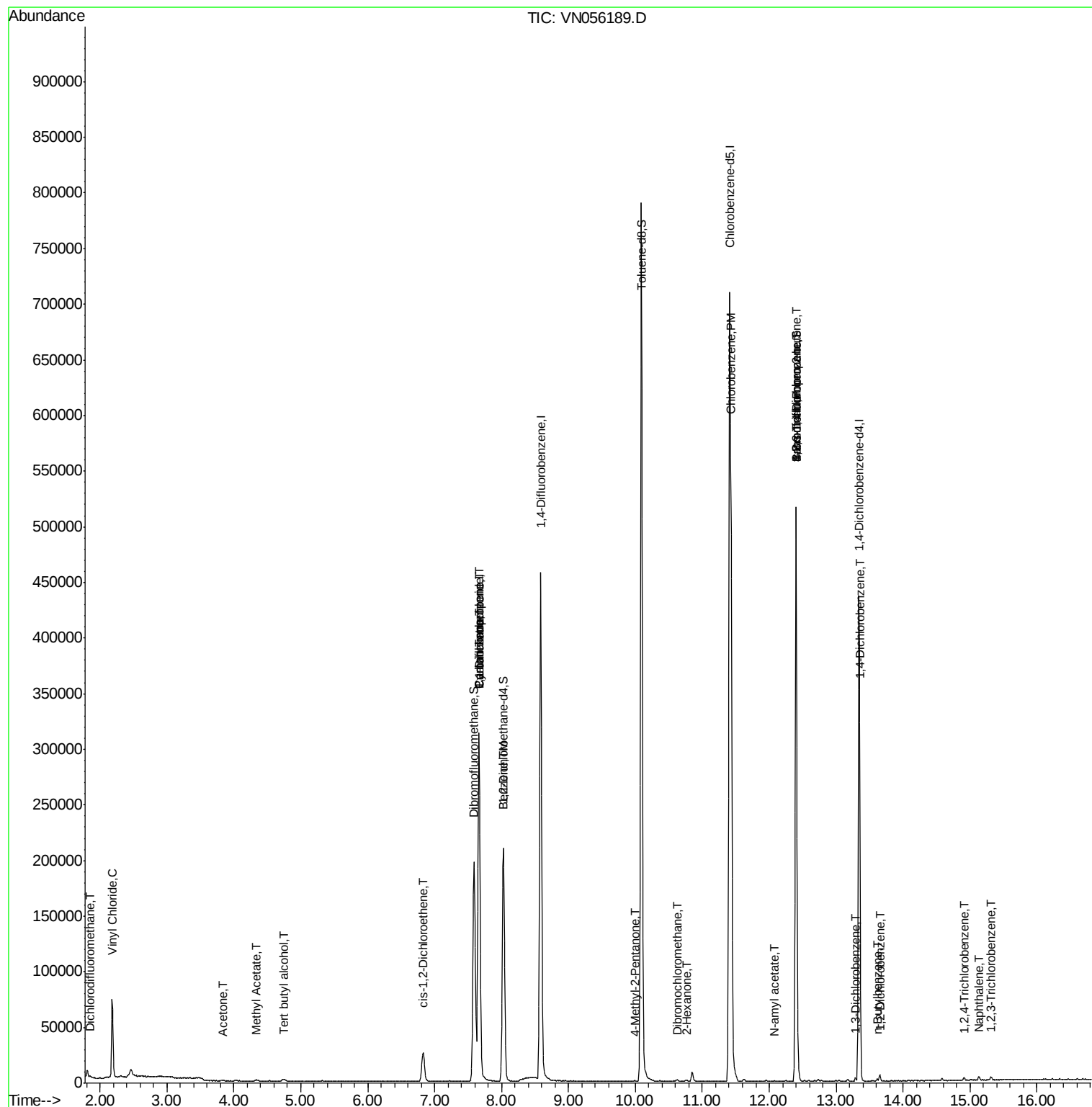
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	300414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	451788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	162895	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
35) Dibromofluoromethane	7.59	113	151101	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
50) Toluene-d8	10.09	98	589102	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
62) 4-Bromofluorobenzene	12.40	95	186163	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	124	0.392	ug/l #	42
4) Vinyl Chloride	2.18	62	64921	19.874	ug/l	99
11) Tert butyl alcohol	4.74	59	1353	2.607	ug/l #	74
16) Acetone	3.82	43	1198	0.840	ug/l #	41
18) Methyl Acetate	4.33	43	2324	0.254	ug/l #	78
27) cis-1,2-Dichloroethene	6.83	96	18870	5.941	ug/l	89
31) Cyclohexane	7.66	56	4387	0.927	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	17045	4.388	ug/l #	47
38) Carbon Tetrachloride	7.67	117	24260	6.774	ug/l #	14
40) Benzene	8.04	78	25179	2.134	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	736	0.210	ug/l #	35
59) 2-Hexanone	10.76	43	1294	0.510	ug/l	65
60) Dibromochloromethane	10.63	129	234	2.521	ug/l #	11
65) Chlorobenzene	11.43	112	260081	29.725	ug/l	99
71) Bromoform	12.40	173	1405	3.266	ug/l #	1
73) Isopropylbenzene	12.25	105	968	Below Cal	#	48
74) N-amyl acetate	12.07	43	743	0.205	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	85475	34.162	ug/l #	100
79) 2-Chlorotoluene	12.68	91	729	Below Cal		86
81) trans-1,4-Dichloro-2-buten	12.40	75	85475	113.766	ug/l #	15
83) tert-Butylbenzene	12.99	119	583	Below Cal	#	80
87) 1,3-Dichlorobenzene	13.29	146	1037	0.230	ug/l #	79
88) 1,4-Dichlorobenzene	13.36	146	2219	0.512	ug/l #	50
89) n-Butylbenzene	13.62	91	1585	0.235	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	3118	0.685	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	1103	4.672	ug/l	95
94) Hexachlorobutadiene	15.01	225	507	Below Cal		82
95) Naphthalene	15.13	128	3670	4.372	ug/l	95
96) 1,2,3-Trichlorobenzene	15.31	180	1404	3.547	ug/l	84

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

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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

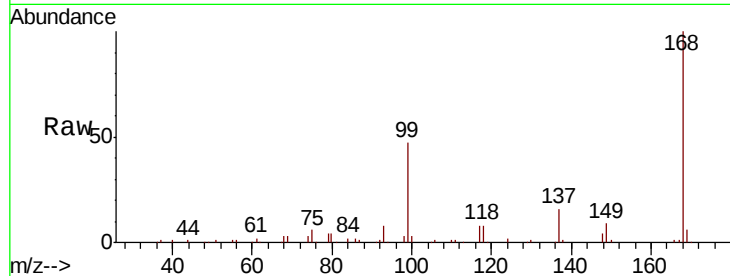
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 300414

Ion Ratio Lower Upper

168 100

99 46.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

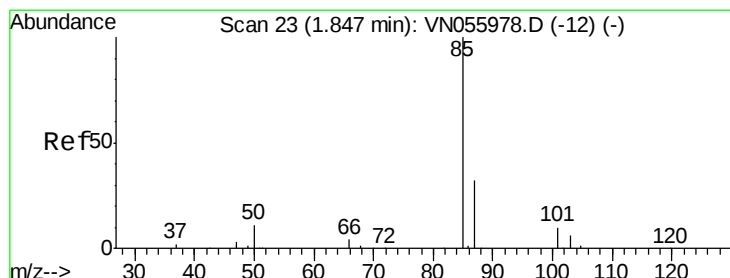
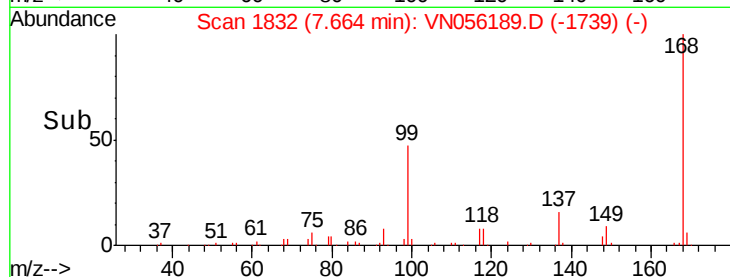
100000

50000

0

Time-->

7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 0.392 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056189.D

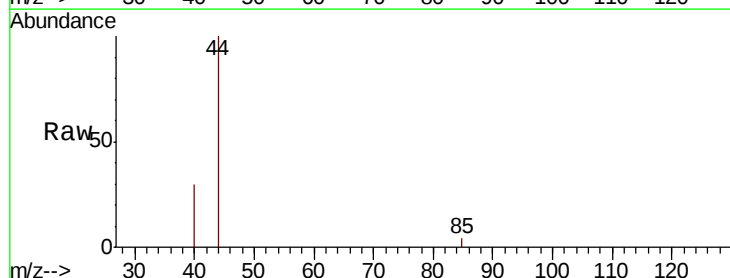
Acq: 11 Jun 2019 00:34

Tgt Ion: 85 Resp: 124

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

150

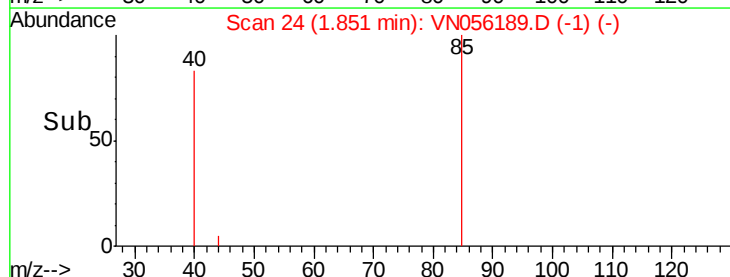
100

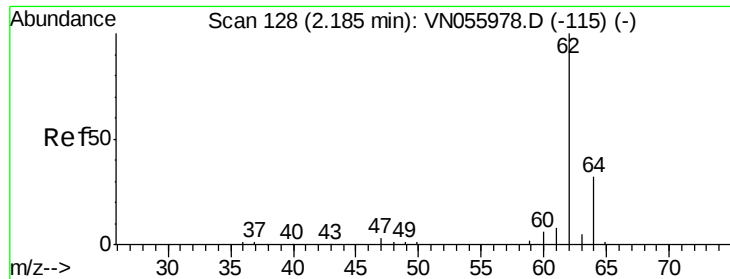
50

0

Time-->

1.83 1.84 1.85 1.86





#4

Vinyl Chloride

Concen: 19.874 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

Instrument :

MSVOA_N

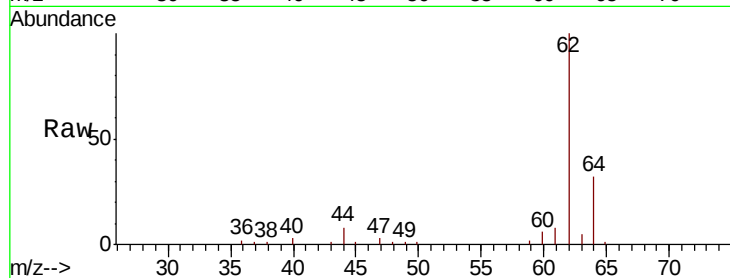
ClientSampled :

Tot Ion: 62 Resp: 64921

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

40000

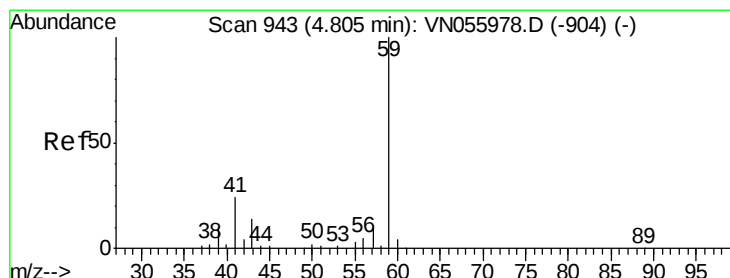
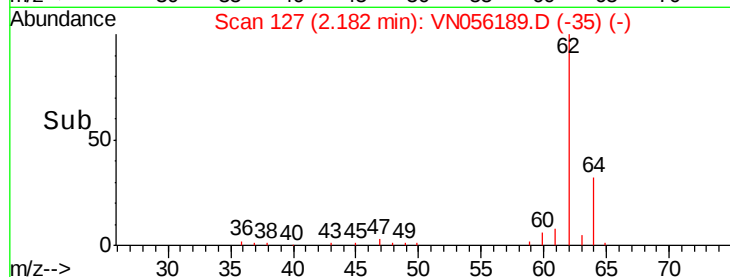
30000

20000

10000

0

Time--> 2.10 2.15 2.20 2.25



#11

Tert butyl alcohol

Concen: 2.607 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.06 min

Lab File: VN056189.D

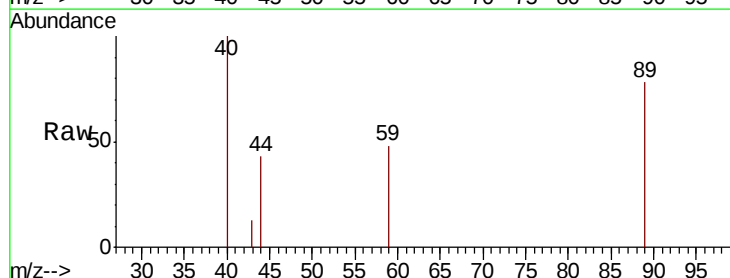
Acq: 11 Jun 2019 00:34

Tgt Ion: 59 Resp: 1353

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.74

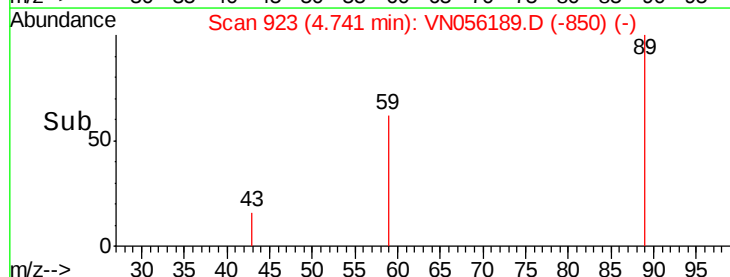
600

400

200

0

Time--> 4.68 4.70 4.72 4.74 4.76

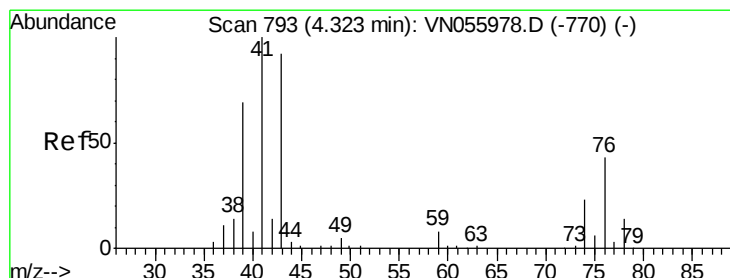
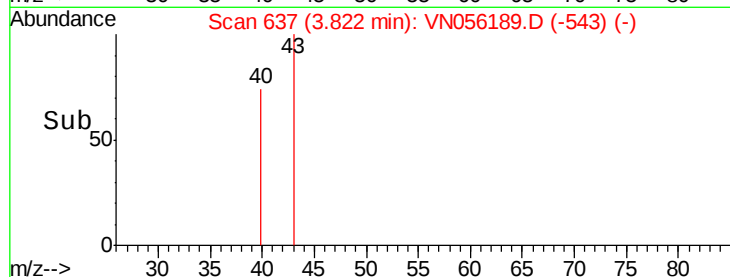
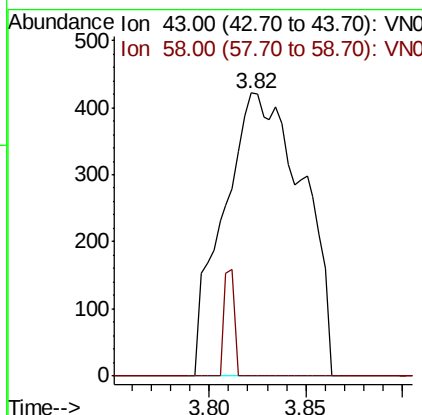
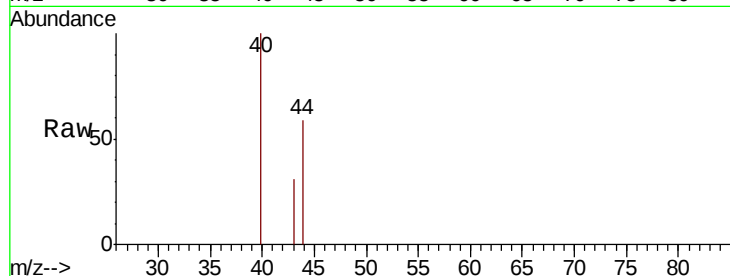




#16
Acetone
Concen: 0.840 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

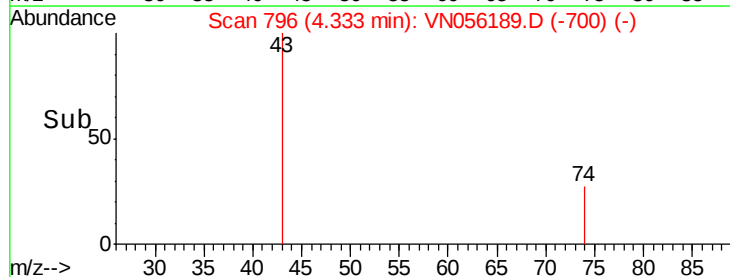
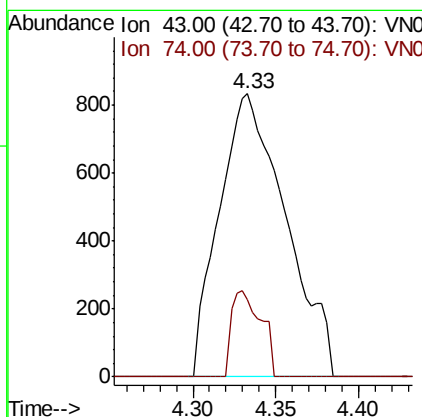
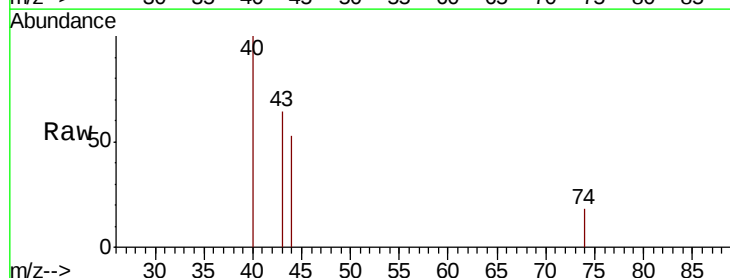
Instrument :
MSVOA_N
ClientSampleId :

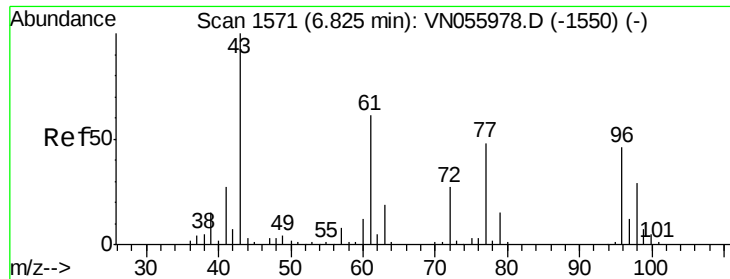
Tot Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

Tgt Ion: 43 Resp: 2324
Ion Ratio Lower Upper
43 100
74 13.4 19.3 28.9#

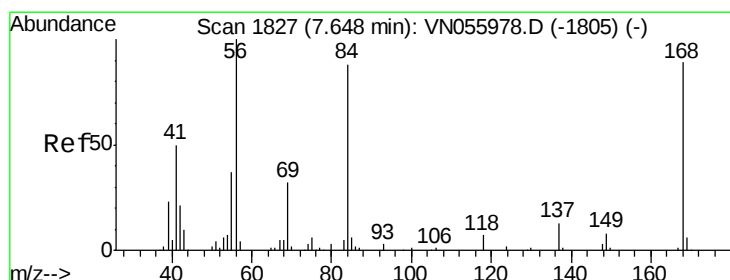
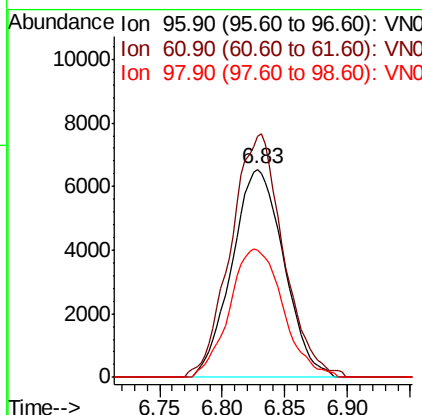
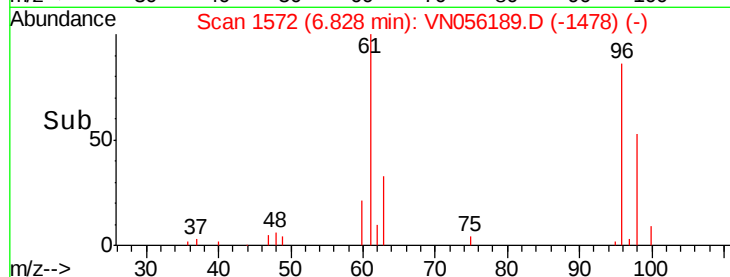
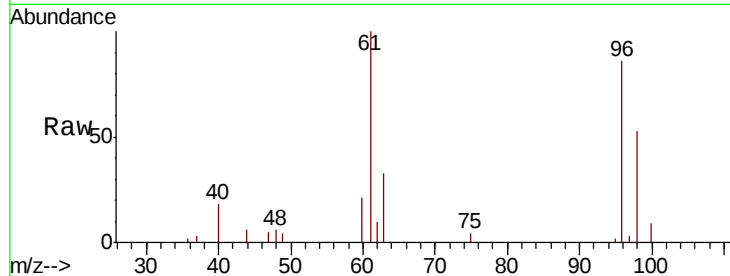




#27
 cis-1,2-Dichloroethene
 Concen: 5.941 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056189.D
 Acq: 11 Jun 2019 00:34

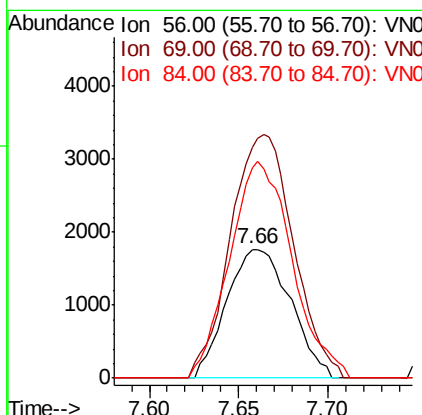
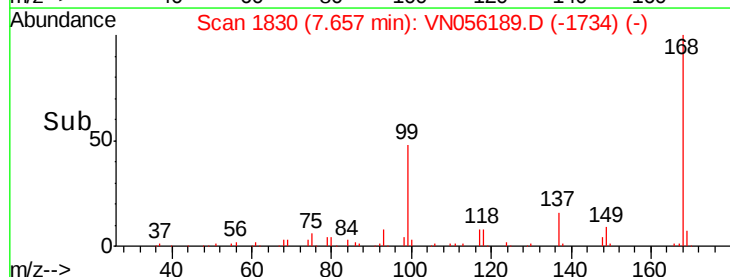
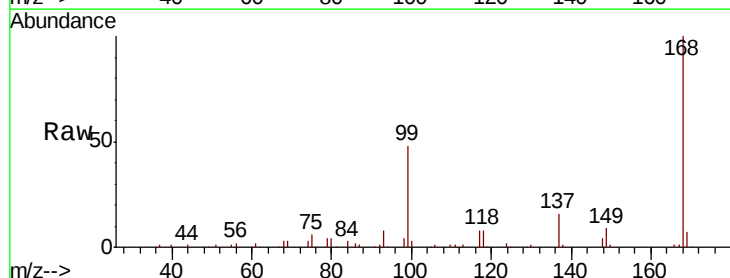
Instrument :
 MSVOA_N
 ClientSampled :

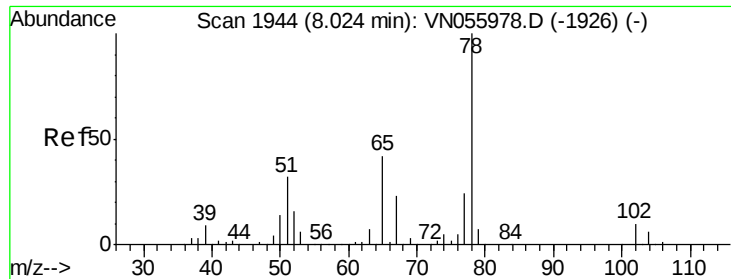
Tot Ion: 96 Resp: 18870
 Ion Ratio Lower Upper
 96 100
 61 118.1 0.0 275.8
 98 63.5 0.0 128.4



#31
 Cyclohexane
 Concen: 0.927 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: VN056189.D
 Acq: 11 Jun 2019 00:34

Tgt Ion: 56 Resp: 4387
 Ion Ratio Lower Upper
 56 100
 69 179.3 25.6 38.4#
 84 163.7 67.4 101.0#





#33

1,2-Dichloroethane-d4

Concen: 54.610 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

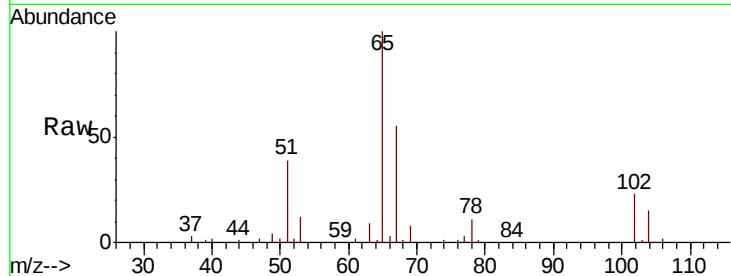
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 162895

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)

8.03

60000

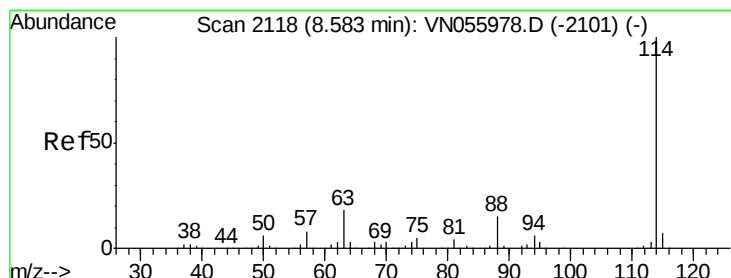
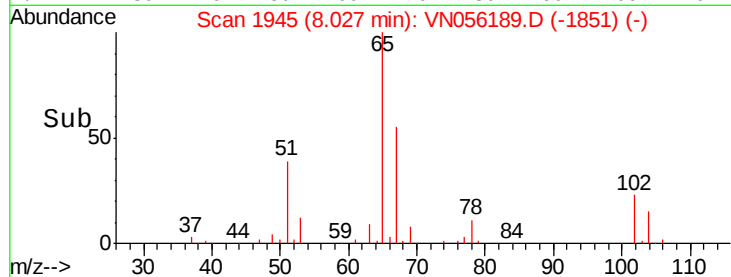
40000

20000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

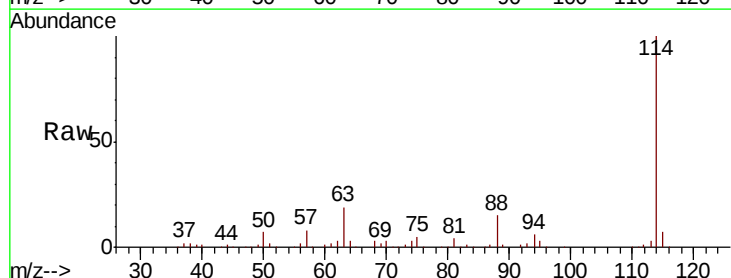
Tgt Ion: 114 Resp: 451788

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 15.0 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN055978.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055978.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055978.D (-2101) (-)

8.58

250000

200000

150000

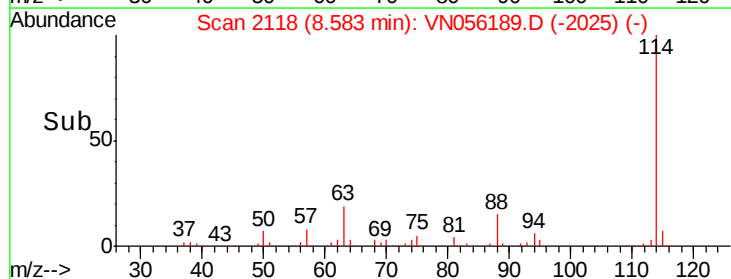
100000

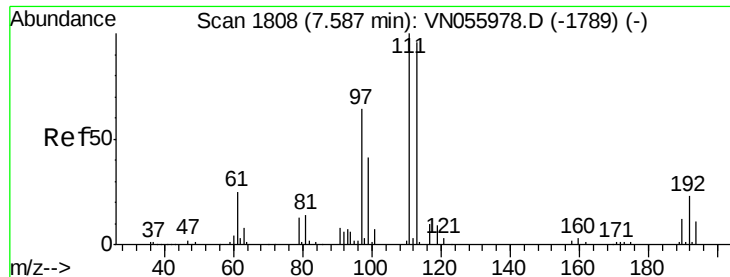
50000

0

8.50 8.60 8.70

Time-->

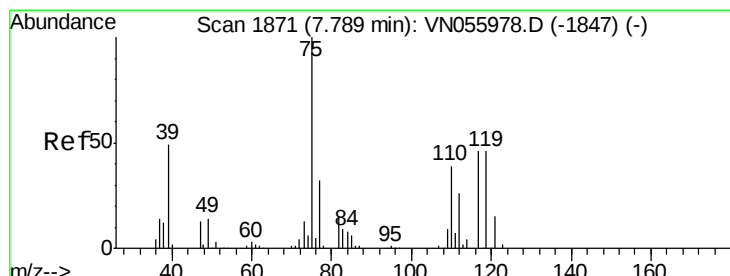
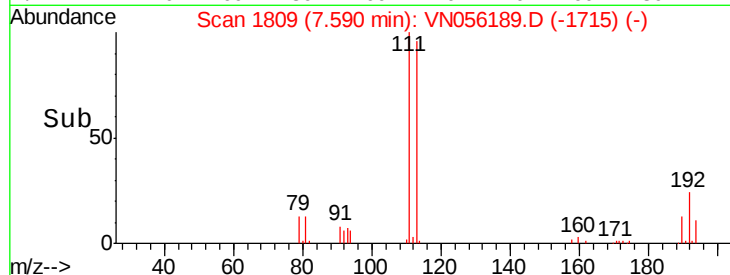
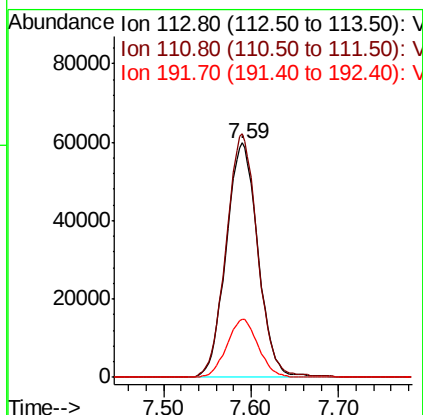
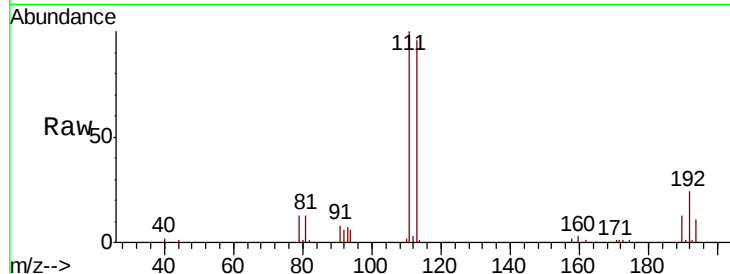




#35
 Dibromofluoromethane
 Concen: 54.512 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056189.D
 Acq: 11 Jun 2019 00:34

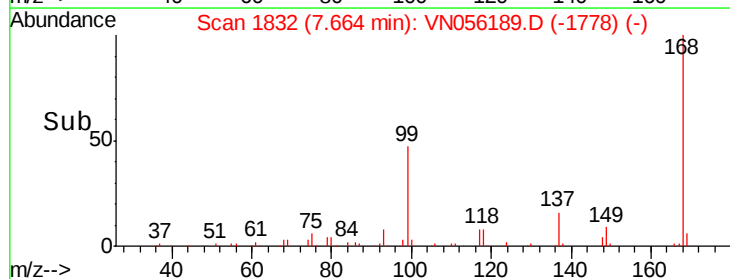
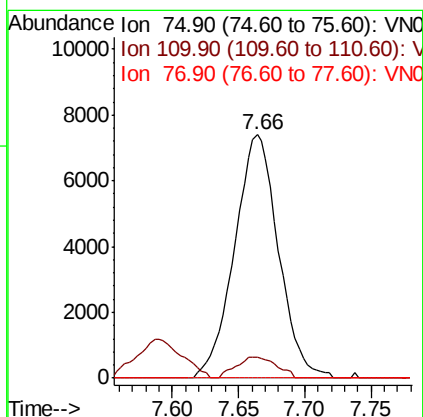
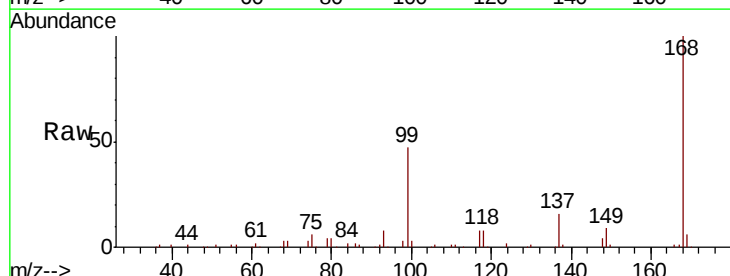
Instrument :
 MSVOA_N
 ClientSampleId :

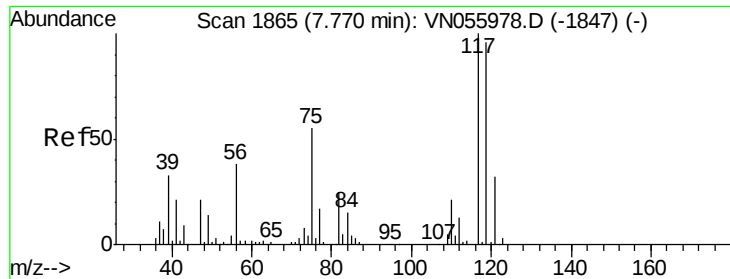
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	24.2	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 4.388 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056189.D
 Acq: 11 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	19.0	57.0#
77	0.0	25.1	37.7#

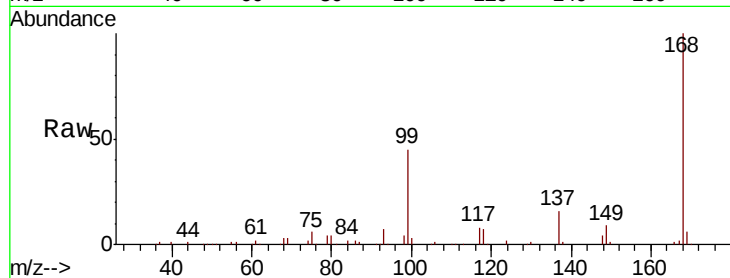




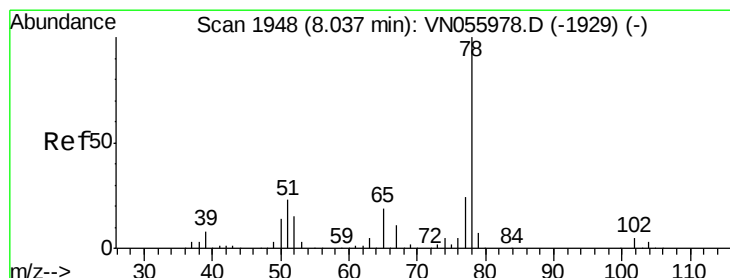
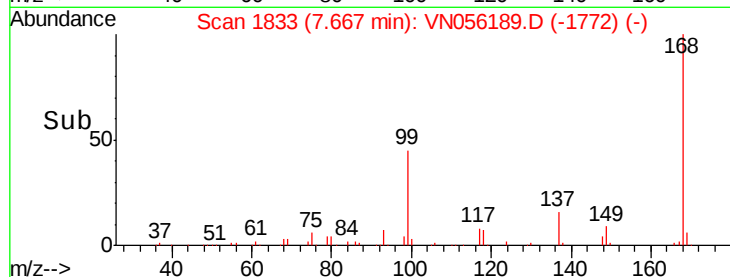
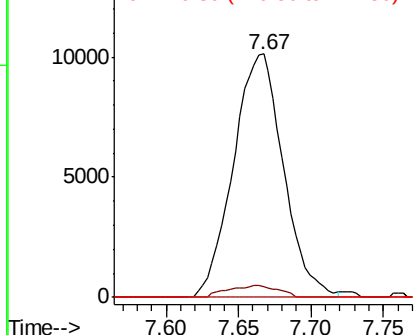
#38
Carbon Tetrachloride
Concen: 6.774 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.10 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 24260
Ion Ratio Lower Upper
117 100
119 4.5 79.0 118.6#
121 0.0 24.7 37.1#

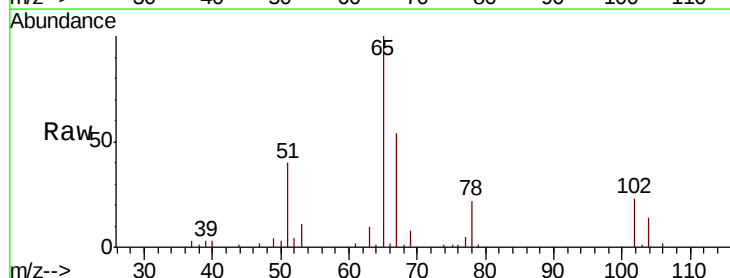


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

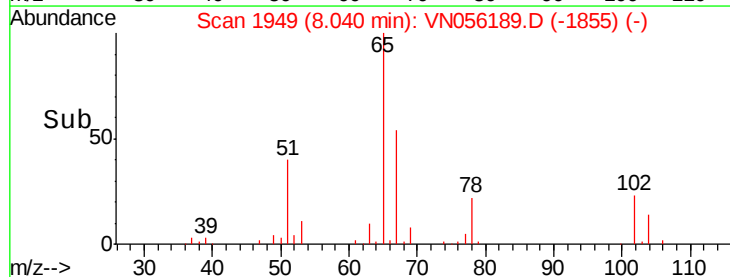
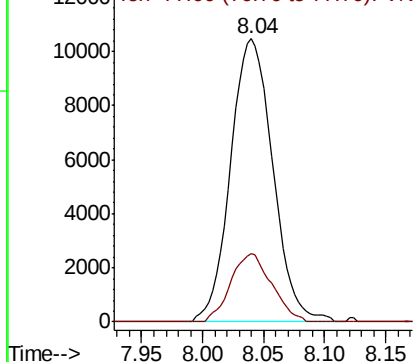


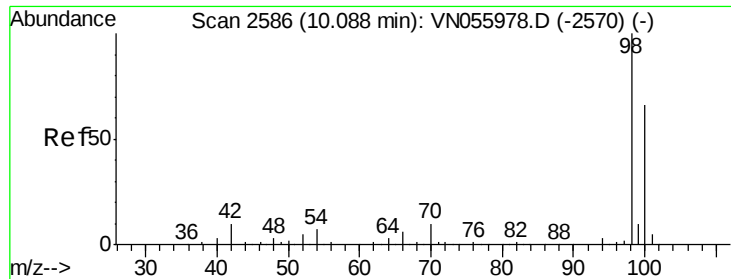
#40
Benzene
Concen: 2.134 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

Tgt Ion: 78 Resp: 25179
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2



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

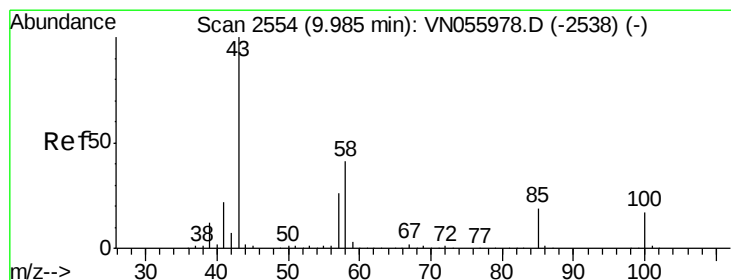
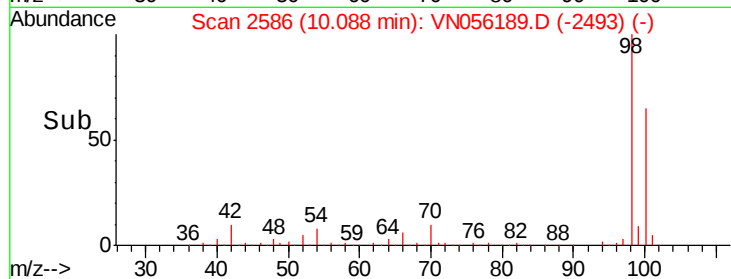
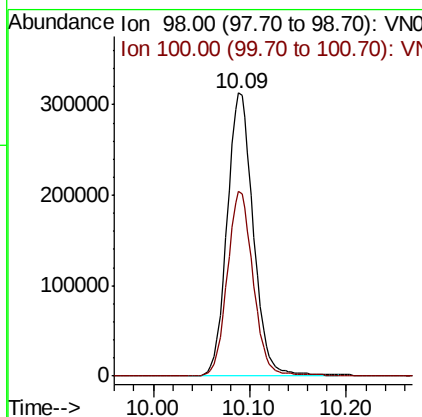
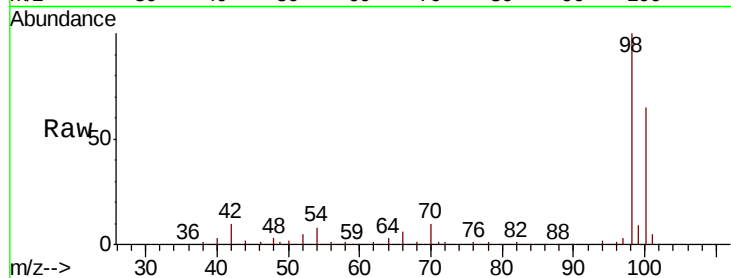




#50
Toluene-d8
Concen: 55.231 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

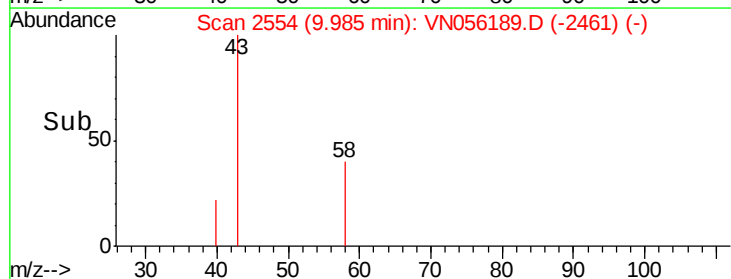
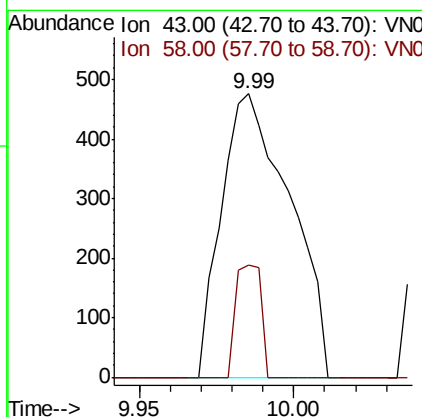
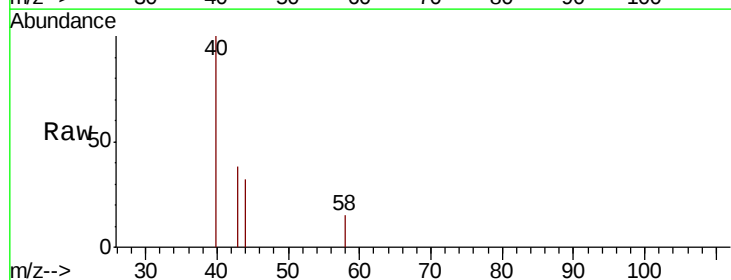
Instrument :
MSVOA_N
ClientSampled :

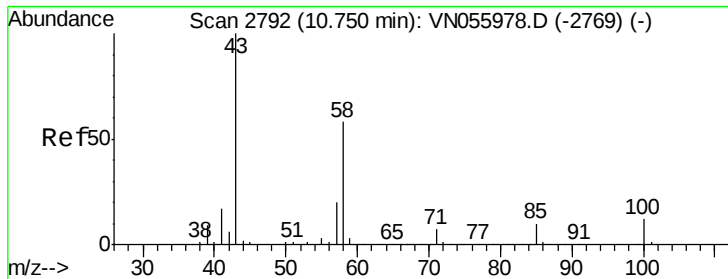
Tot Ion: 98 Resp: 589102
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.210 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
58 0.0 32.1 48.1#

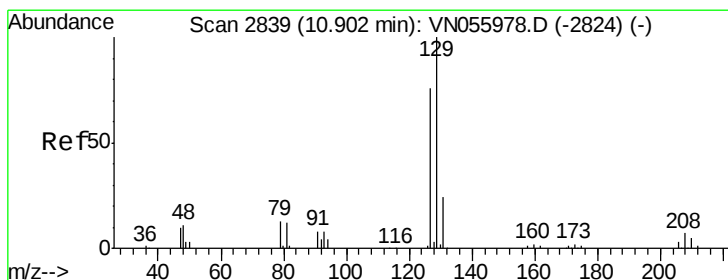
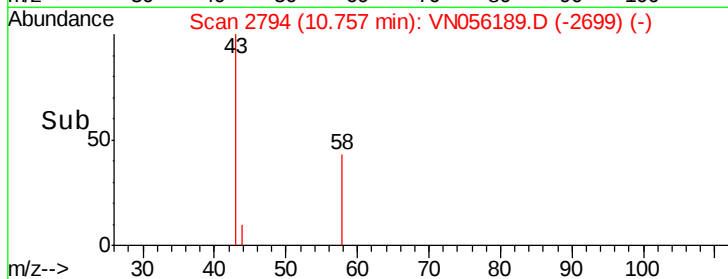
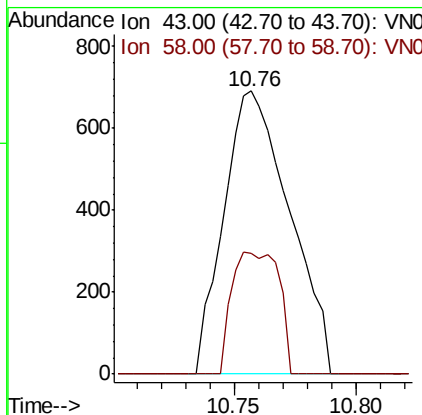
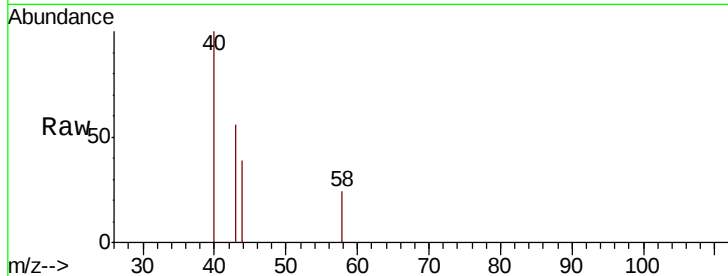




#59
2-Hexanone
Concen: 0.510 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

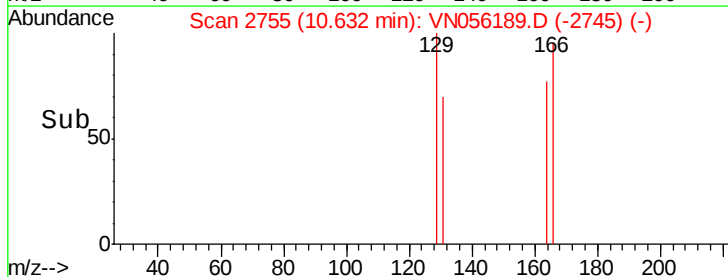
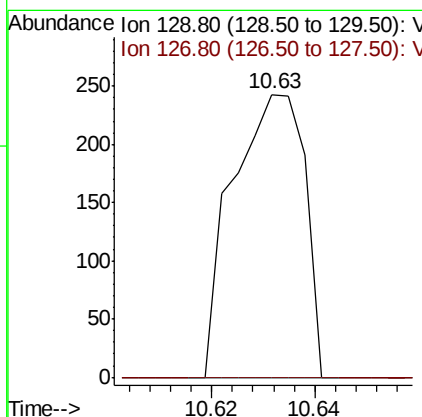
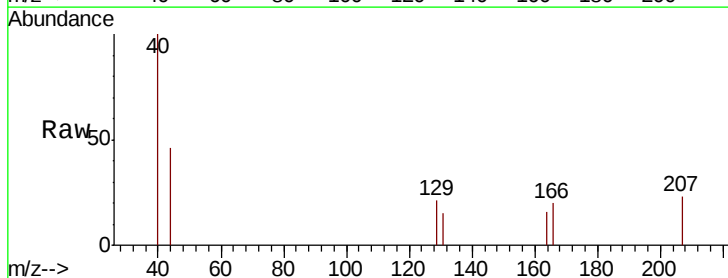
Instrument :
MSVOA_N
ClientSampleId :

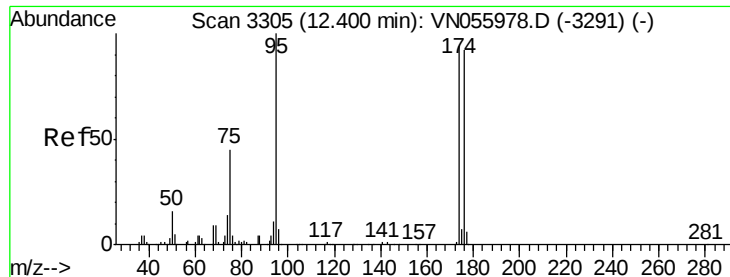
Tot Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
58 30.7 28.2 84.7



#60
Dibromochloromethane
Concen: 2.521 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

Tgt Ion: 129 Resp: 234
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.3#





#62

4-Bromofluorobenzene

Concen: 51.323 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

Instrument :

MSVOA_N

ClientSampled :

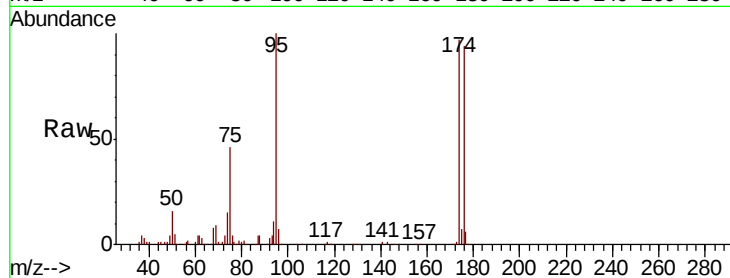
Tot Ion: 95 Resp: 186163

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

176 93.7 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

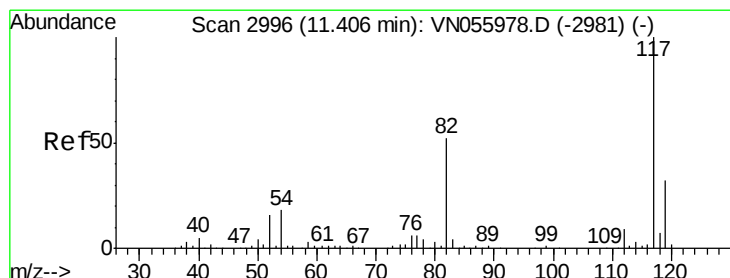
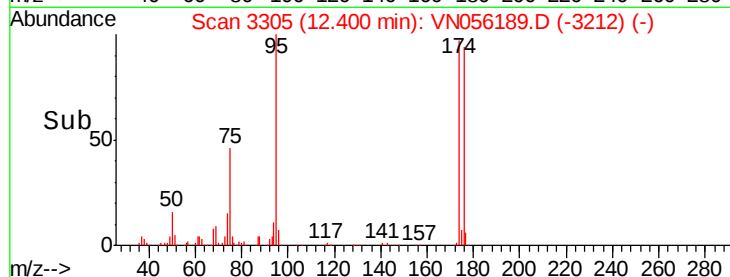
12.40

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

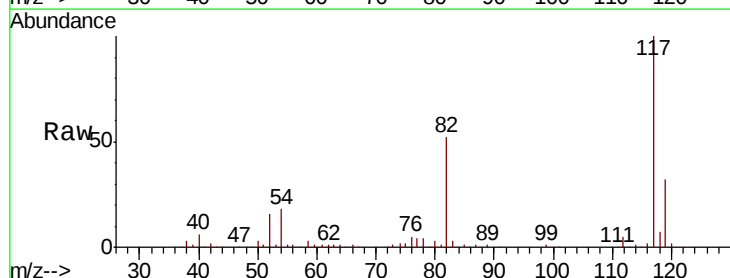
Tgt Ion: 117 Resp: 439639

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

119 32.0 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)

11.41

300000

250000

200000

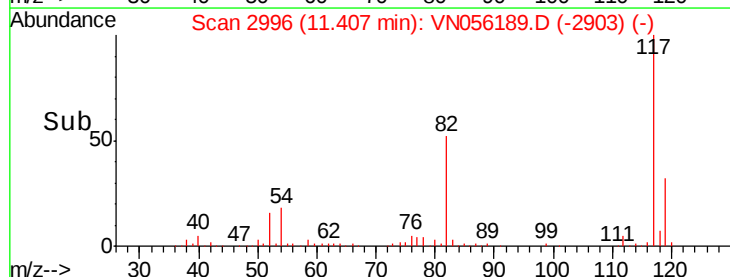
150000

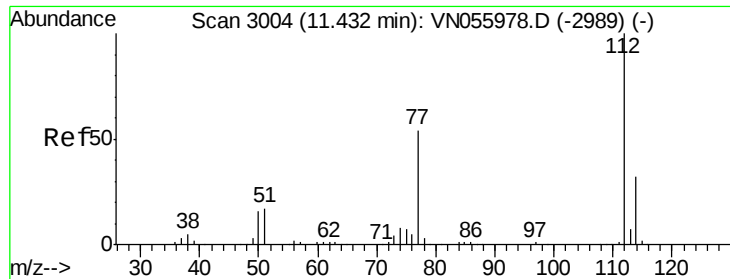
100000

50000

0

Time-->

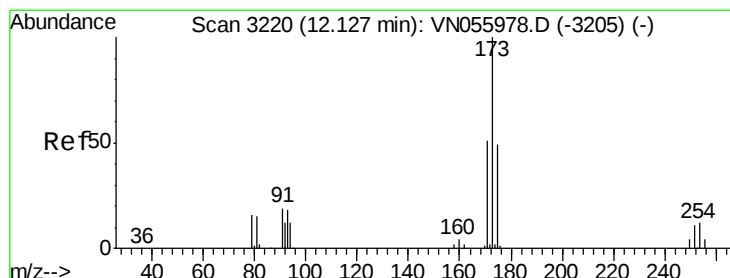
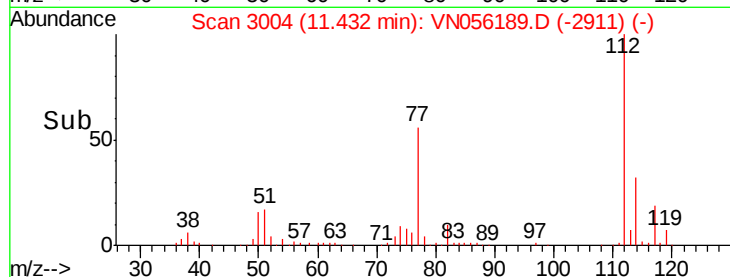
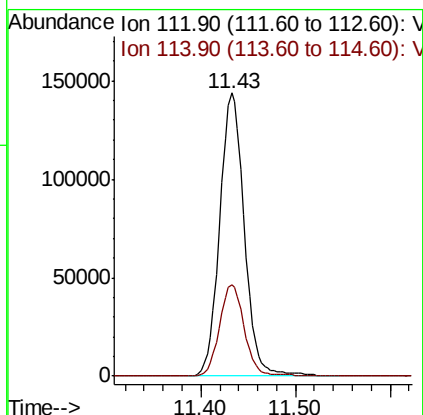
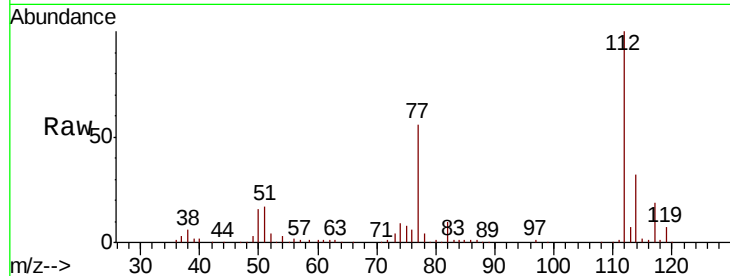




#65
Chlorobenzene
Concen: 29.725 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

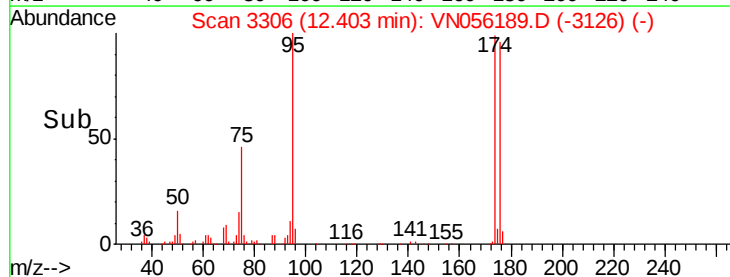
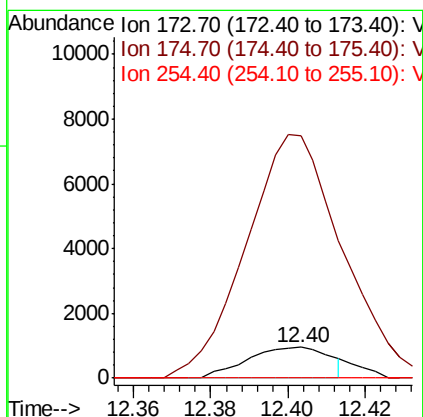
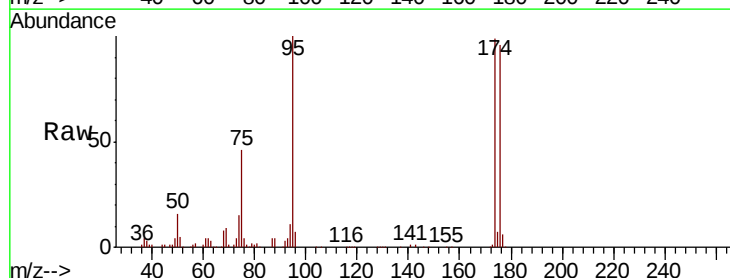
Instrument :
MSVOA_N
ClientSampled :

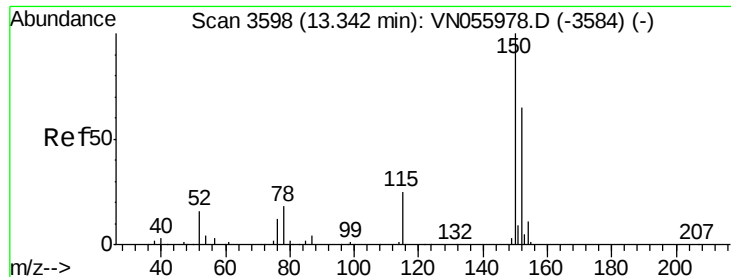
Tot Ion:112 Resp: 260081
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#71
Bromoform
Concen: 3.266 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

Tgt Ion:173 Resp: 1405
Ion Ratio Lower Upper
173 100
175 787.5 24.3 72.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

Instrument :

MSVOA_N

ClientSampleId :

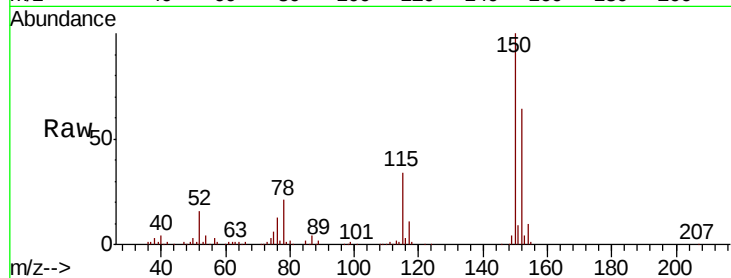
Tot Ion:152 Resp: 135978

Ion Ratio Lower Upper

152 100

115 52.6 27.0 81.0

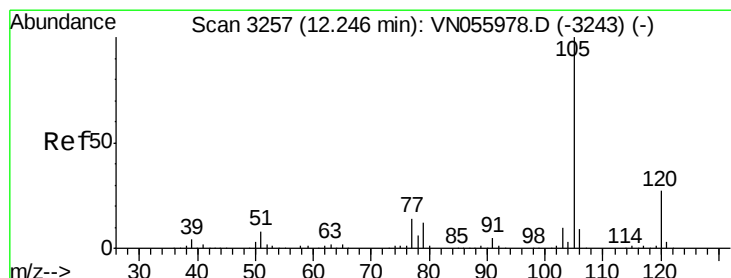
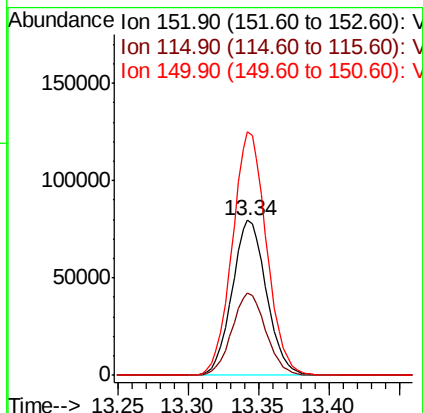
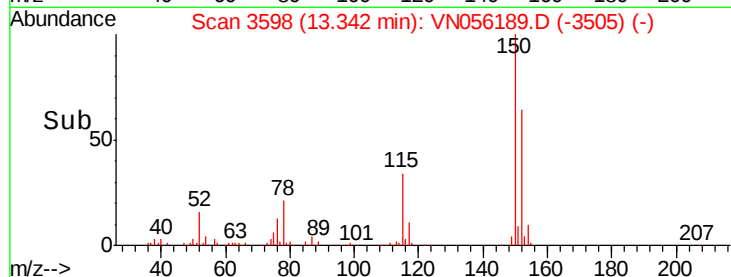
150 155.6 0.0 343.2



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



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056189.D

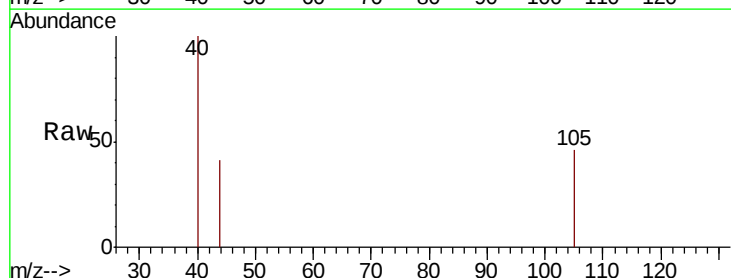
Acq: 11 Jun 2019 00:34

Tgt Ion:105 Resp: 968

Ion Ratio Lower Upper

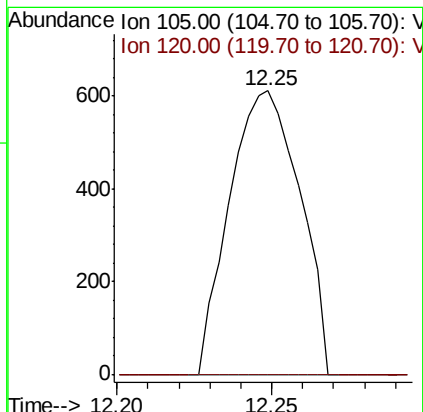
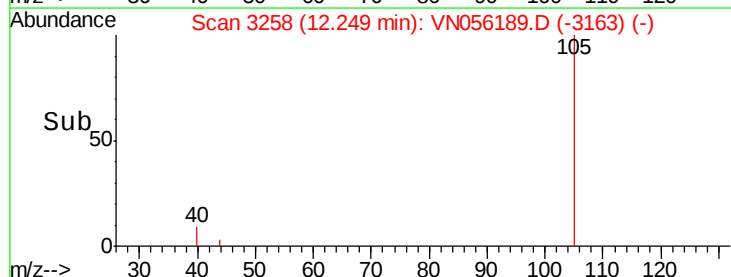
105 100

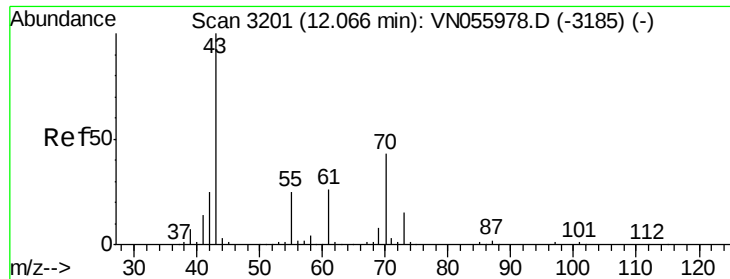
120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.205 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.01 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 743

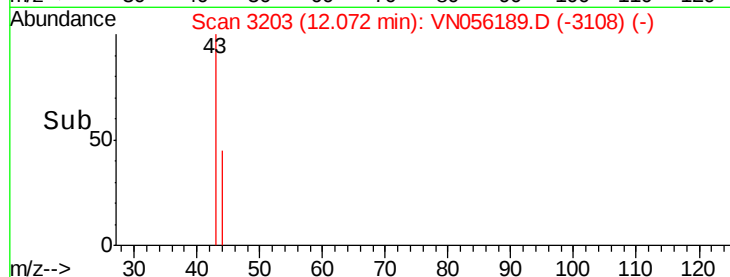
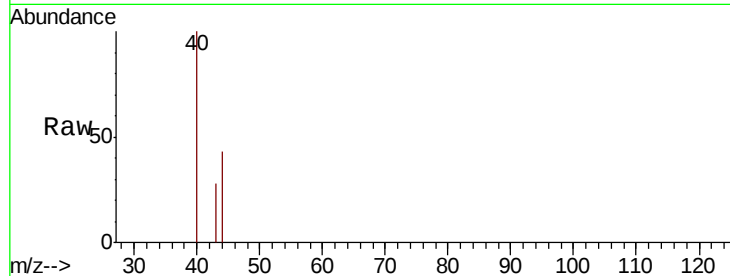
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#

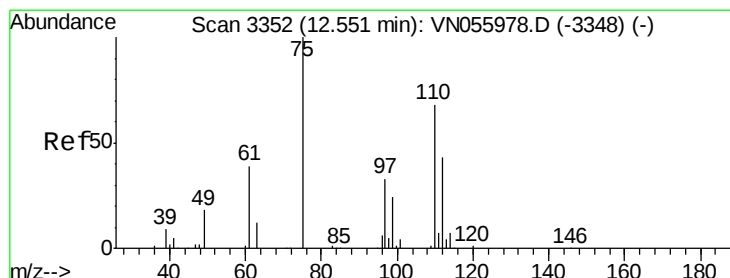
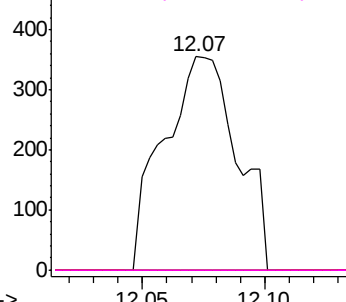


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 34.162 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056189.D

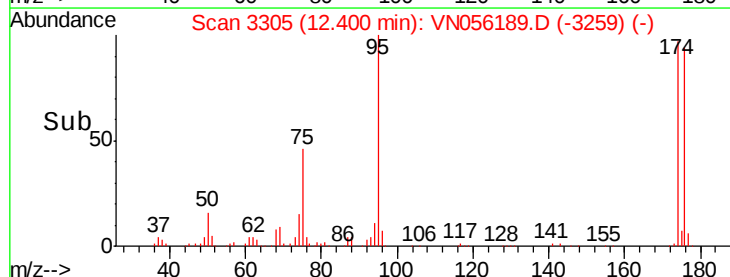
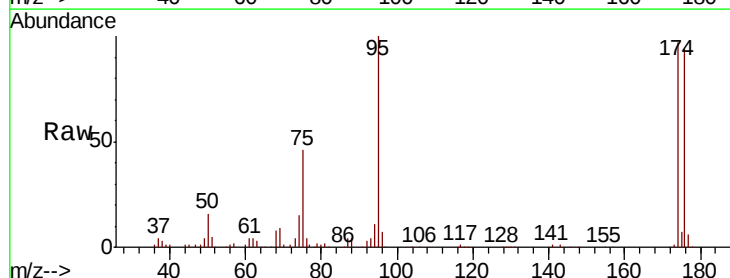
Acq: 11 Jun 2019 00:34

Tgt Ion: 75 Resp: 85475

Ion Ratio Lower Upper

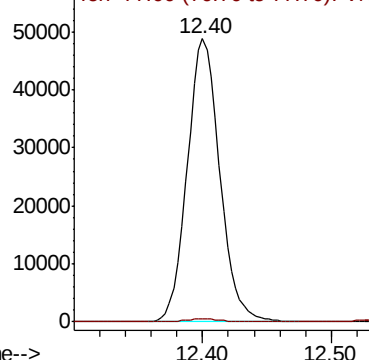
75 100

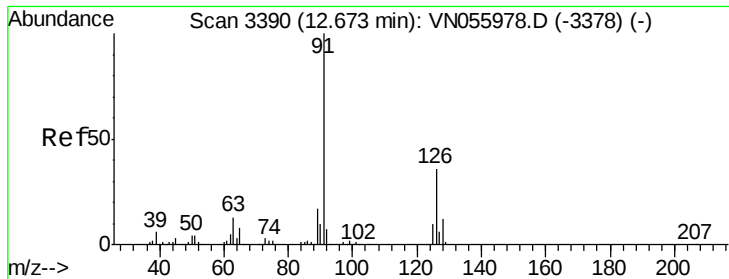
77 1.1 0.0 0.0#



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: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

Instrument :

MSVOA_N

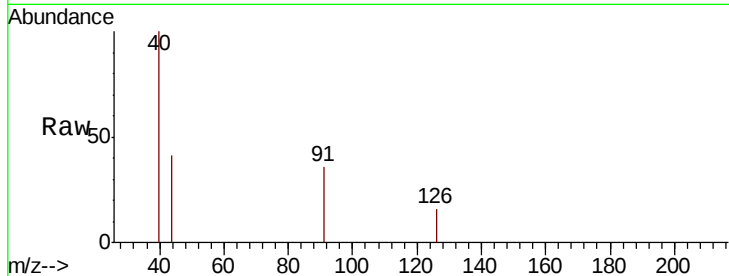
ClientSampled :

Tot Ion: 91 Resp: 729

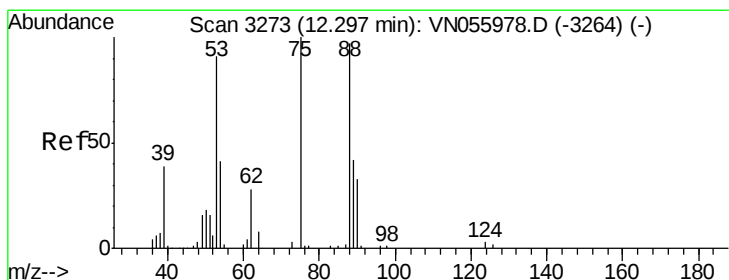
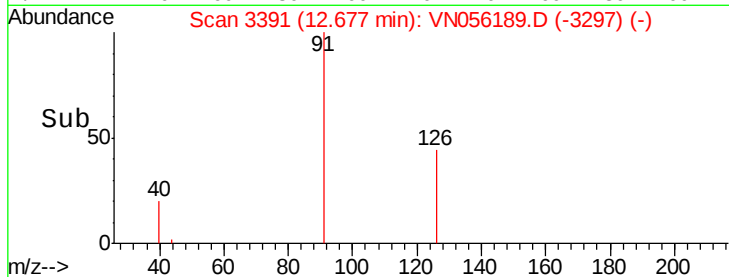
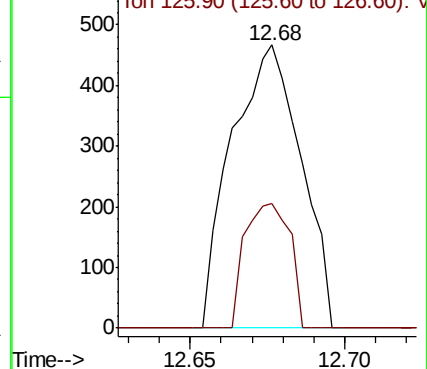
Ion Ratio Lower Upper

91 100

126 28.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 113.766 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

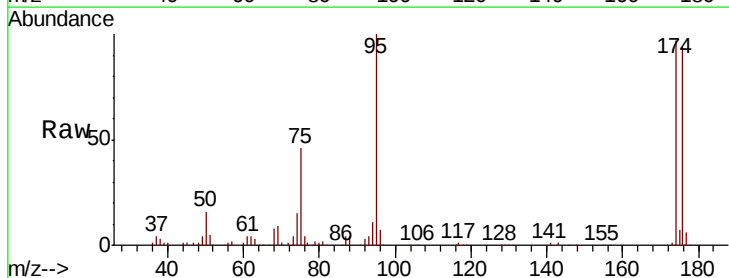
Tgt Ion: 75 Resp: 85475

Ion Ratio Lower Upper

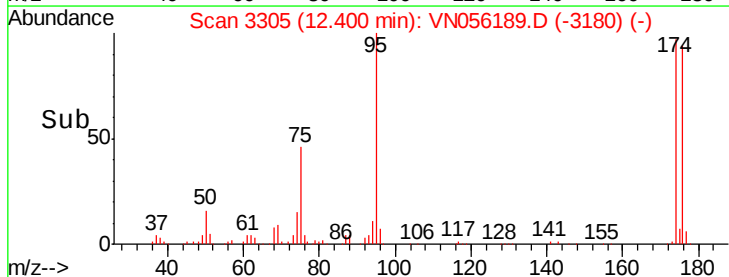
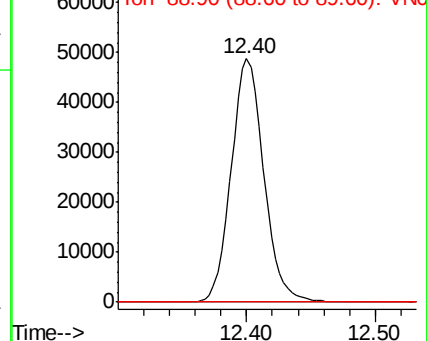
75 100

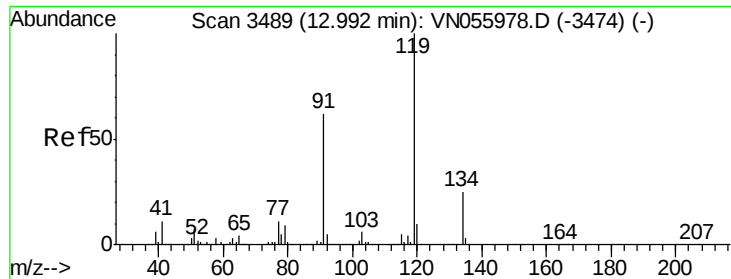
53 0.0 68.1 102.1#

89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

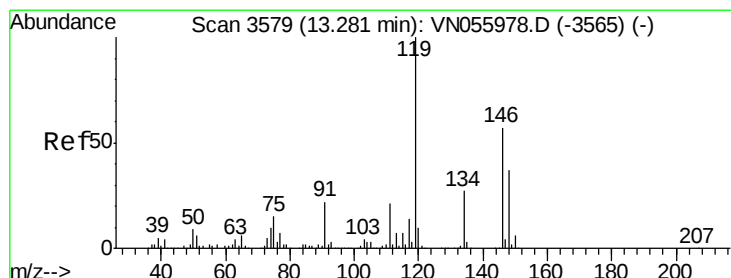
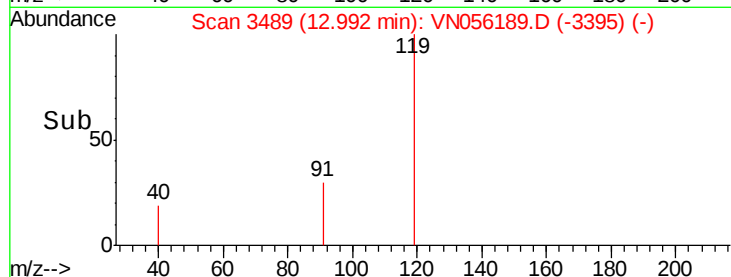
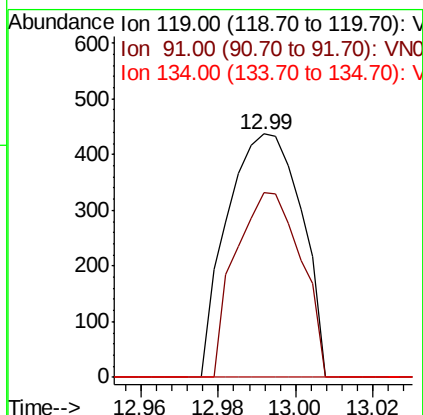
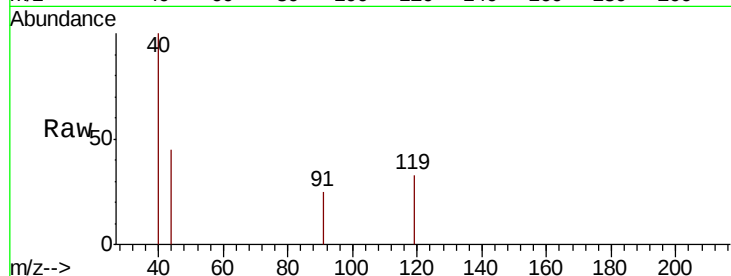




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

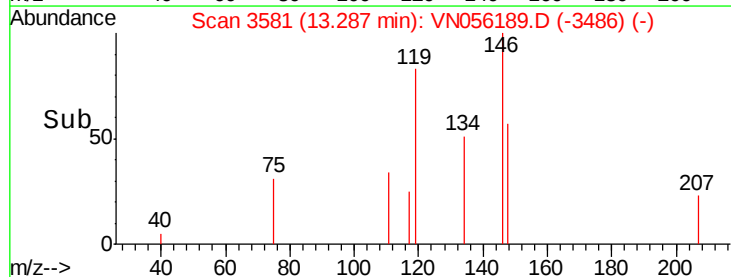
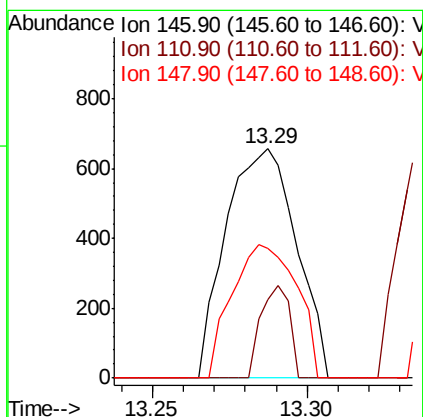
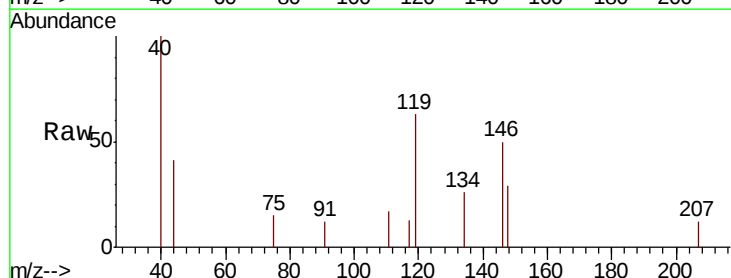
Instrument :
MSVOA_N
ClientSampleId :

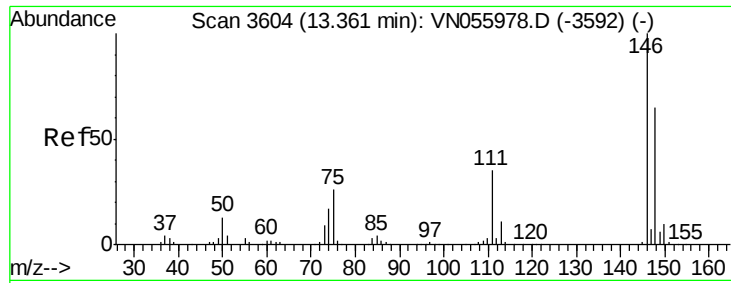
Tot Ion:119 Resp: 583
Ion Ratio Lower Upper
119 100
91 66.9 30.9 92.8
134 0.0 13.3 39.8#



#87
1,3-Dichlorobenzene
Concen: 0.230 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.01 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

Tgt Ion:146 Resp: 1037
Ion Ratio Lower Upper
146 100
111 16.4 18.5 55.5#
148 53.3 32.0 96.2

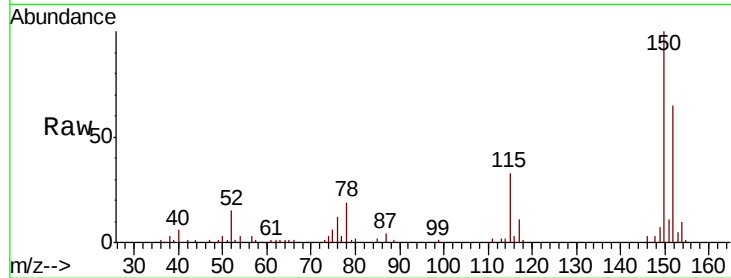




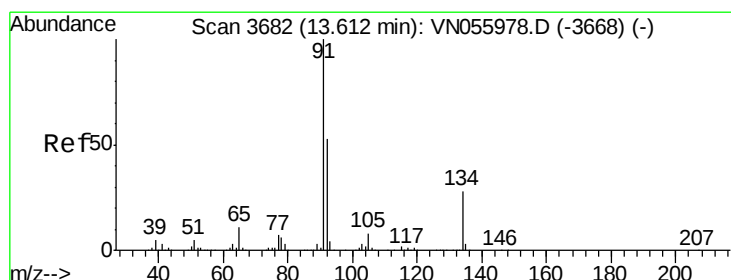
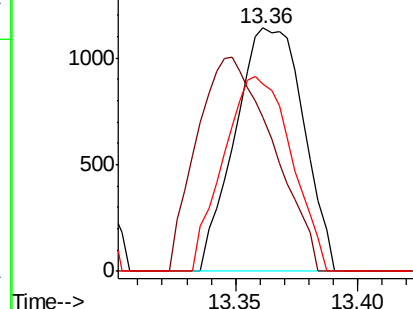
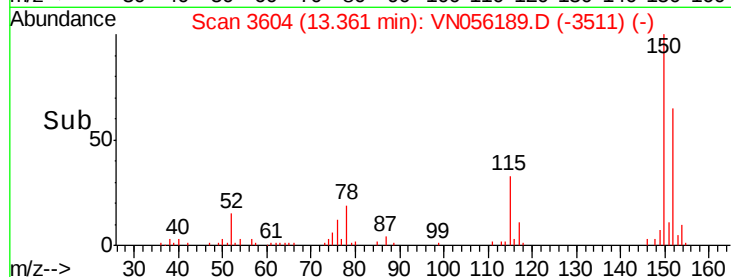
#88
 1,4-Dichlorobenzene
 Concen: 0.512 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056189.D
 Acq: 11 Jun 2019 00:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 2219
 Ion Ratio Lower Upper
 146 100
 111 98.1 18.1 54.4#
 148 79.6 32.1 96.5

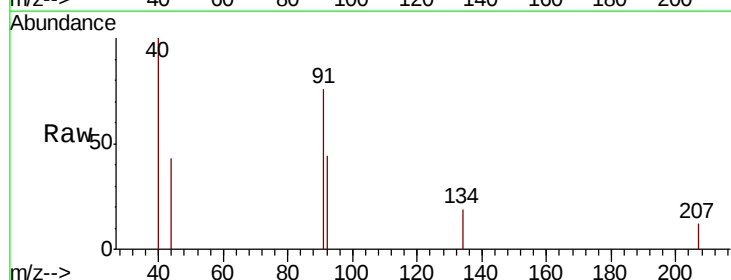


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

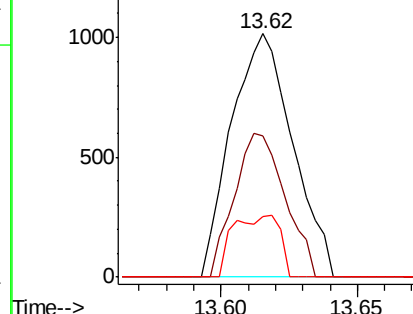
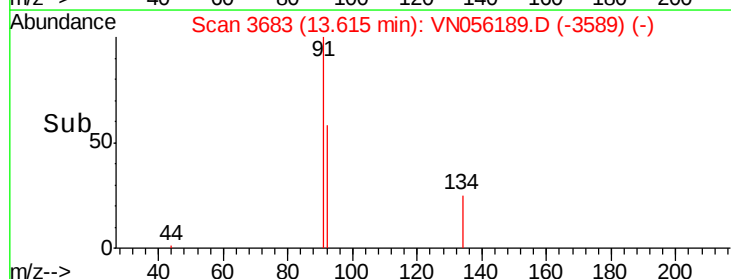


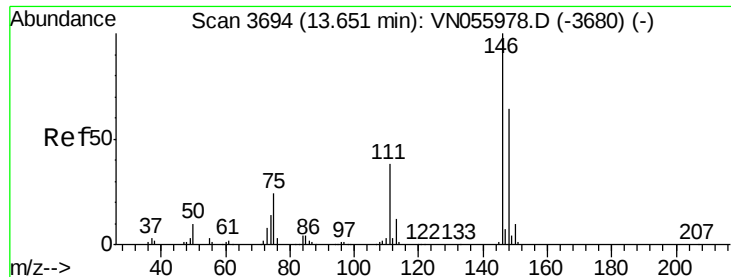
#89
 n-Butylbenzene
 Concen: 0.235 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN056189.D
 Acq: 11 Jun 2019 00:34

Tgt Ion: 91 Resp: 1585
 Ion Ratio Lower Upper
 91 100
 92 48.9 26.4 79.0
 134 19.2 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.685 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

Instrument :

MSVOA_N

ClientSampleId :

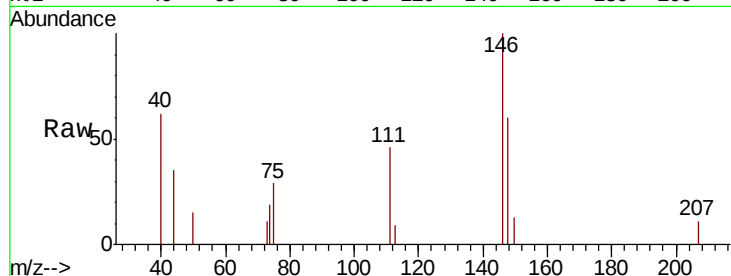
Tot Ion:146 Resp: 3118

Ion	Ratio	Lower	Upper
146	100		
111	42.1	19.1	57.5
148	64.4	31.9	95.9

146 100

111 42.1 19.1 57.5

148 64.4 31.9 95.9

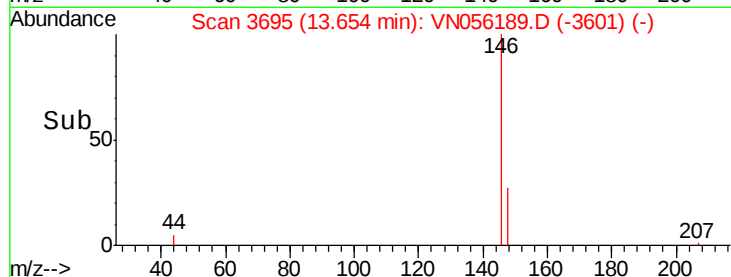


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

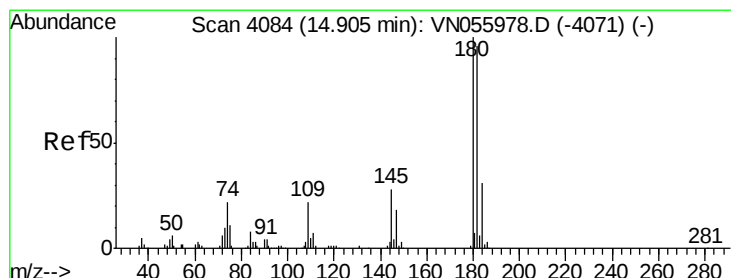
Ion 147.90 (147.60 to 148.60): V

Time--> 13.60 13.65 13.70



13.65

Time--> 13.60 13.65 13.70



#93

1,2,4-Trichlorobenzene

Concen: 4.672 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

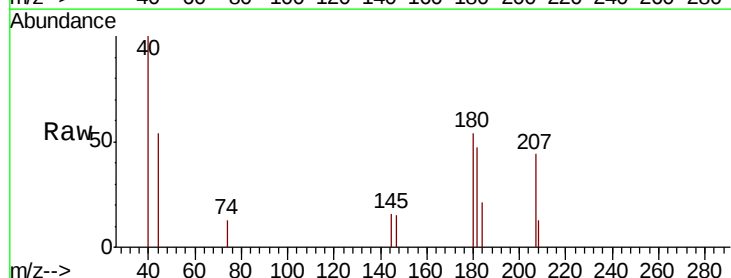
Tgt Ion:180 Resp: 1103

Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.3	144.9
145	18.4	14.0	41.9

180 100

182 97.7 48.3 144.9

145 18.4 14.0 41.9

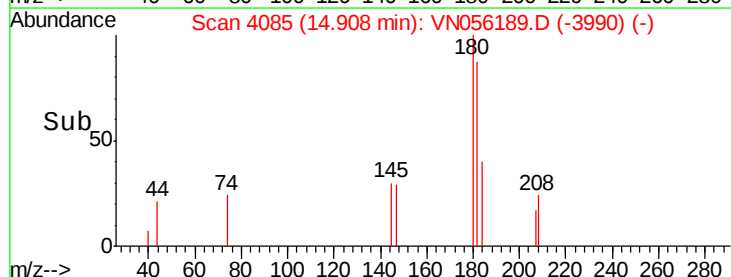


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

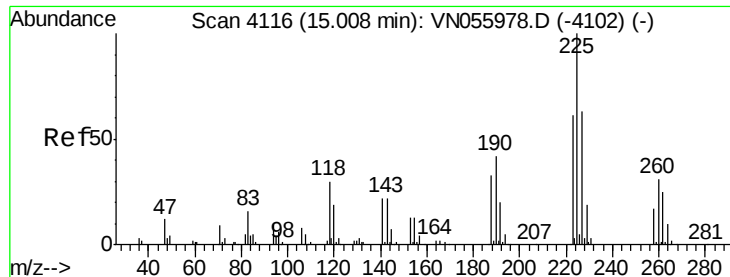
Ion 144.80 (144.50 to 145.50): V

Time--> 14.90 14.95



14.91

Time--> 14.90 14.95



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

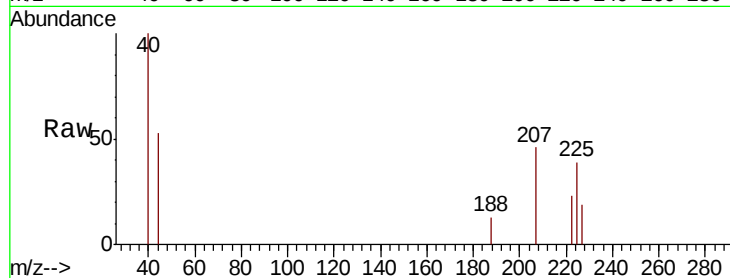
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:225 Resp: 507

Ion	Ratio	Lower	Upper
225	100		
223	46.9	30.9	92.7
227	49.5	31.6	94.7

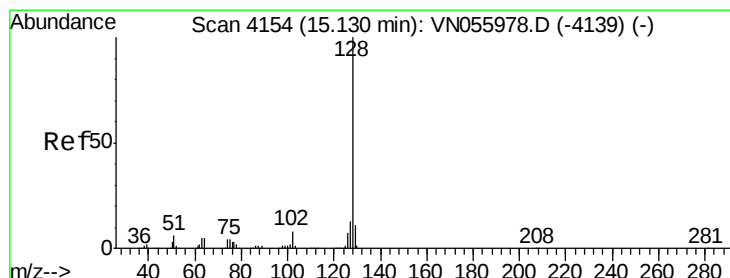
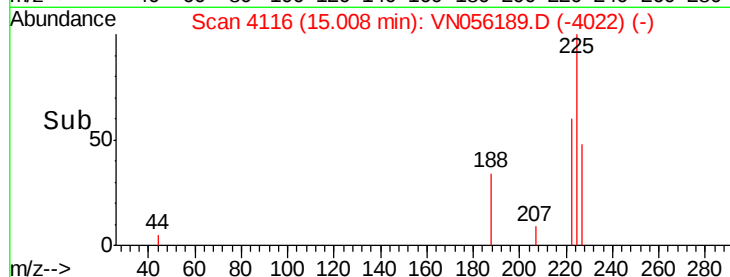
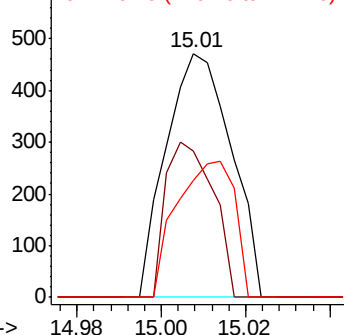


Abundance

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: 4.372 ug/l

RT: 15.13 min Scan# 4155

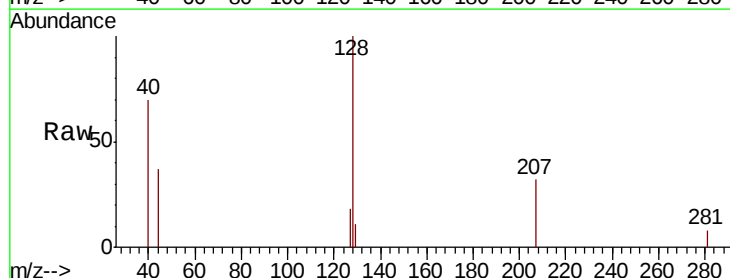
Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

Tgt Ion:128 Resp: 3670

Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.3	15.5
129	9.0	8.7	13.1

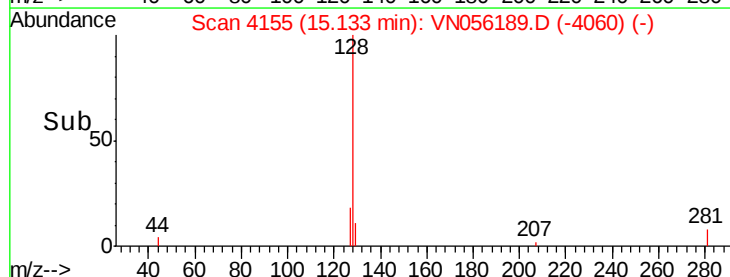
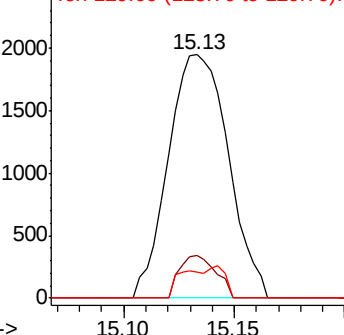


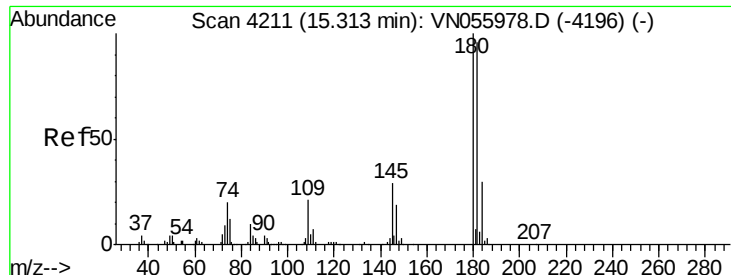
Abundance

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: 3.547 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN056189.D
 Acq: 11 Jun 2019 00:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 1404
 Ion Ratio Lower Upper
 180 100
 182 108.8 47.9 143.7
 145 17.0 14.9 44.7

