

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055956.D
 Acq On : 3 Jun 2019 13:00
 Operator : JC/SP
 Sample : K3125-24DL 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 16:22:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	342899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	525666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	502750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	176840	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	7.59	113	155767	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
50) Toluene-d8	10.09	98	636831	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.40	95	219374	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.74	59	16421	24.270	ug/l #	74
16) Acetone	3.82	43	3287	2.112	ug/l	95
18) Methyl Acetate	4.33	43	2447	Below Cal	#	63
19) Methyl tert-butyl Ether	5.04	73	34992	3.598	ug/l	99
25) 2-Butanone	6.85	43	988	0.454	ug/l #	47
31) Cyclohexane	7.65	56	6393	1.203	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	20413	4.456	ug/l #	48
38) Carbon Tetrachloride	7.66	117	28677	6.010	ug/l #	15
39) Methylcyclohexane	9.08	83	3189	0.562	ug/l	98
40) Benzene	8.04	78	203282	14.724	ug/l	100
42) 1,2-Dichloroethane	8.04	62	1767	0.392	ug/l #	73
52) Toluene	10.16	92	1068044	123.003	ug/l	99
53) t-1,3-Dichloropropene	10.16	75	10642	2.061	ug/l #	1
67) Ethyl Benzene	11.51	91	273851	15.173	ug/l	99
68) m/p-Xylenes	11.62	106	406800	59.620	ug/l	99
69) o-Xylene	11.95	106	206683	30.531	ug/l	99
70) Styrene	11.95	104	11195	1.021	ug/l #	1
71) Bromoform	12.40	173	1601	0.468	ug/l #	1
73) Isopropylbenzene	12.25	105	15187	Below Cal		99
74) N-amyl acetate	12.04	43	958	Below Cal	#	49
75) 1,1,2,2-Tetrachloroethane	12.71	83	96	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	101263	29.195	ug/l #	100
78) n-propylbenzene	12.59	91	55260	3.298	ug/l	99
79) 2-Chlorotoluene	12.65	91	25042	0.238	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	95670	6.037	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	101263	70.674	ug/l #	15
82) 4-Chlorotoluene	12.73	91	9535	0.968	ug/l #	39
83) tert-Butylbenzene	13.04	119	51215	2.243	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.04	105	407270	34.621	ug/l	98
85) sec-Butylbenzene	13.04	105	407270	30.459	ug/l #	55
86) p-Isopropyltoluene	13.23	119	5958	0.445	ug/l	95
89) n-Butylbenzene	13.61	91	3464	0.338	ug/l #	71
90) Hexachloroethane	13.89	117	2883	1.131	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.47	75	199	0.233	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
Data File : VN055956.D
Acq On : 3 Jun 2019 13:00
Operator : JC/SP
Sample : K3125-24DL 100X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 03 16:22:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

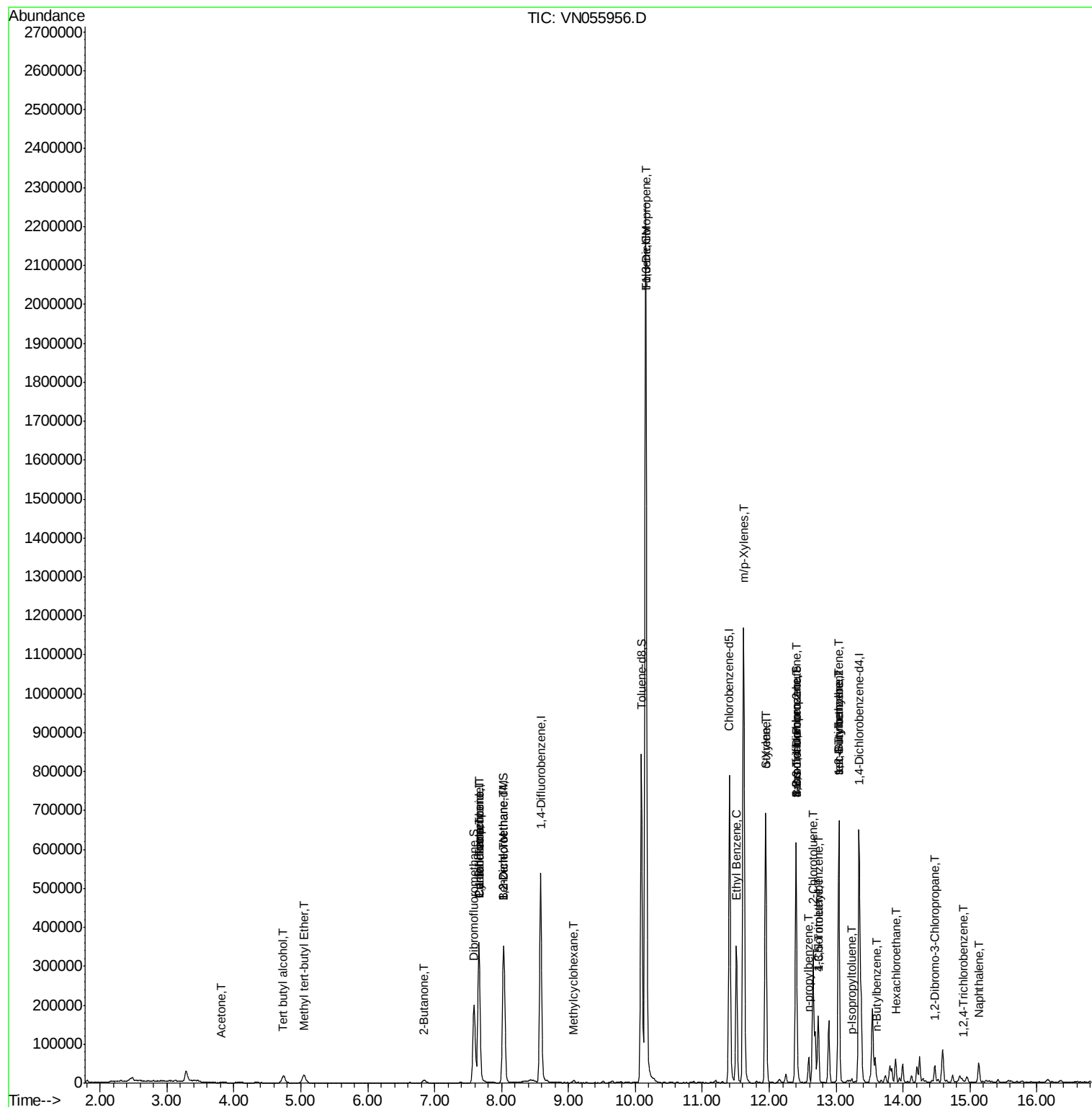
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	94	3.660	ug/l #	1
95) Naphthalene	15.13	128	46871	5.256	ug/l	99

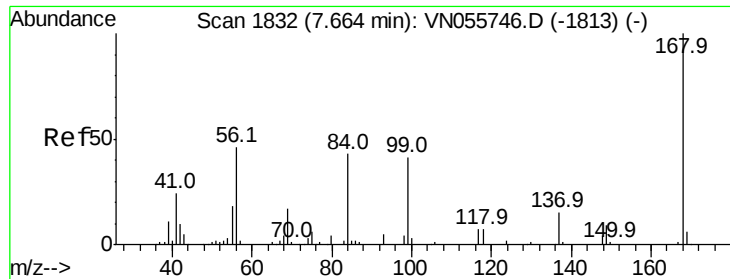
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060319\
Data File : VN055956.D
Acq On : 3 Jun 2019 13:00
Operator : JC/SP
Sample : K3125-24DL 100X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 03 16:22:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 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: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

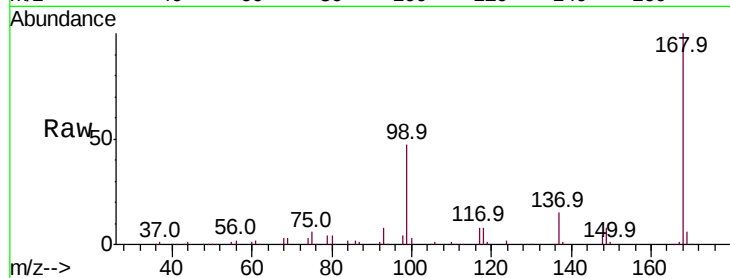
ClientSampleId :

Tot Ion:168 Resp: 342899

Ion Ratio Lower Upper

168 100

99 46.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-1813) (-)

7.66

150000

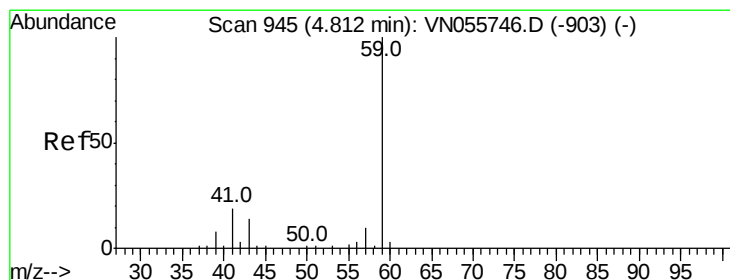
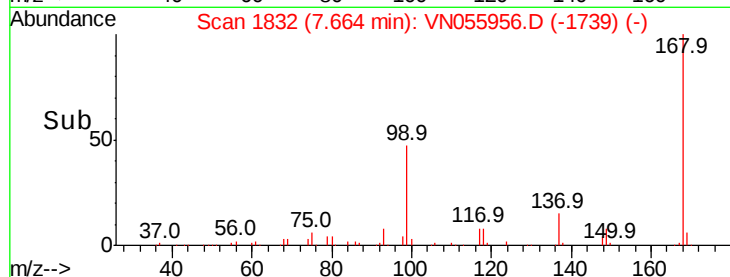
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 24.270 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.07 min

Lab File: VN055956.D

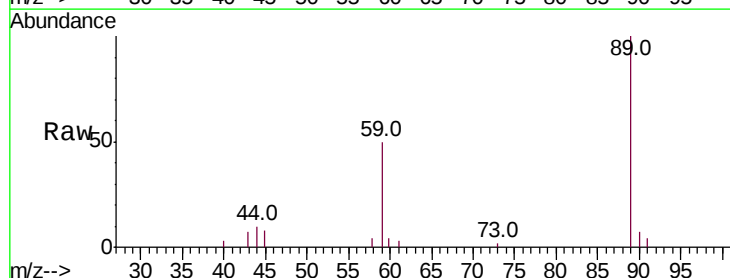
Acq: 3 Jun 2019 13:00

Tgt Ion: 59 Resp: 16421

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055746.D (-903) (-)

Ion 57.00 (56.70 to 57.70): VN055746.D (-903) (-)

4.74

5000

4000

3000

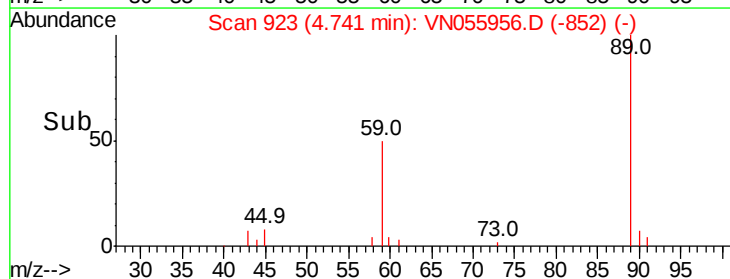
2000

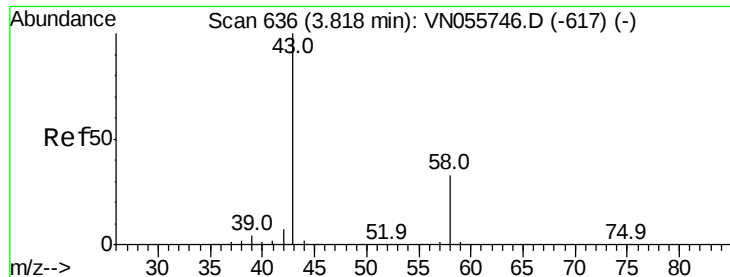
1000

0

4.60 4.70 4.80

Time-->





#16

Acetone

Concen: 2.112 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

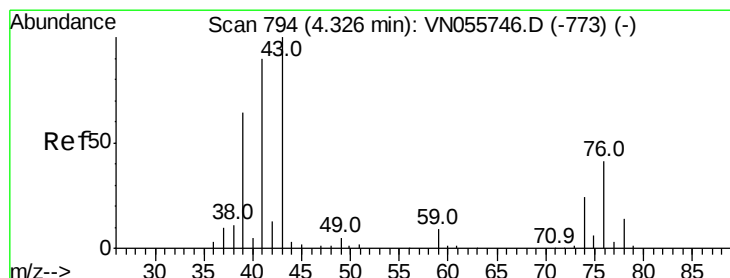
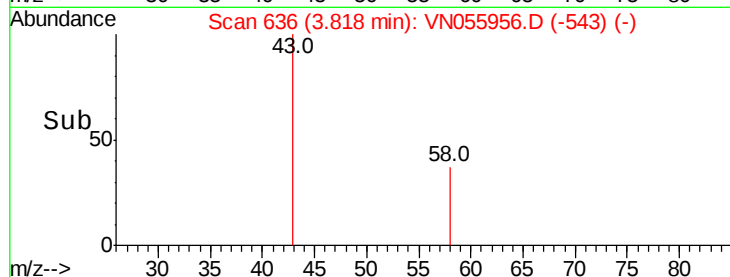
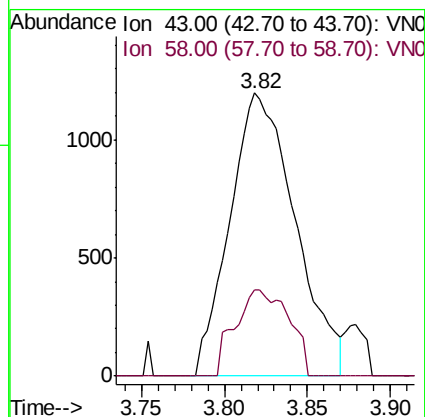
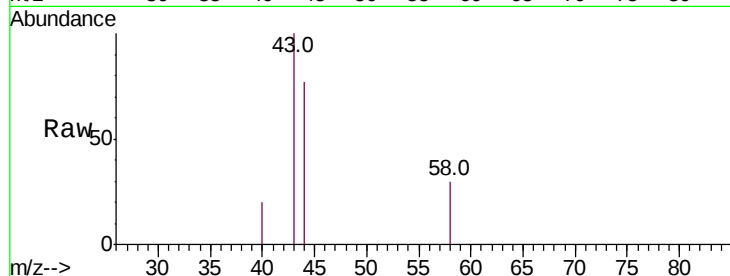
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3287

Ion Ratio Lower Upper

43 100

58 30.5 26.6 39.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055956.D

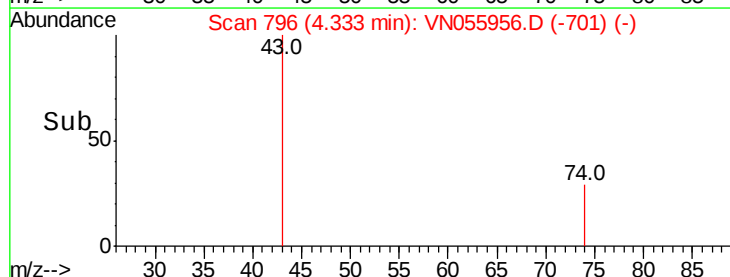
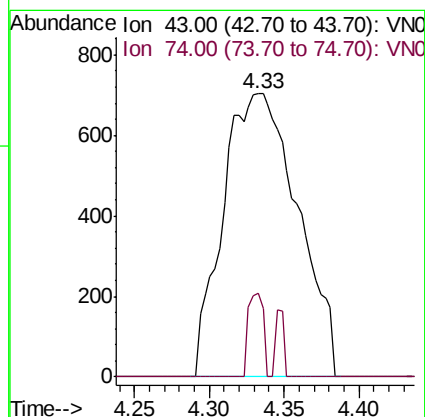
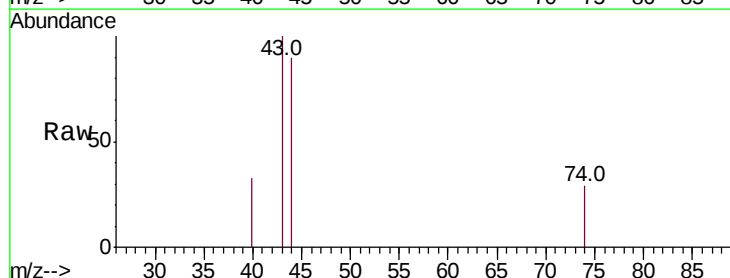
Acq: 3 Jun 2019 13:00

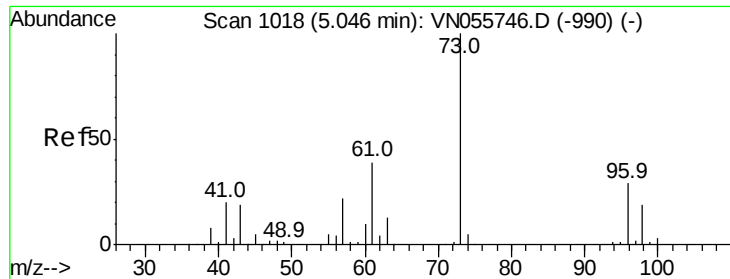
Tgt Ion: 43 Resp: 2447

Ion Ratio Lower Upper

43 100

74 5.9 19.3 28.9#

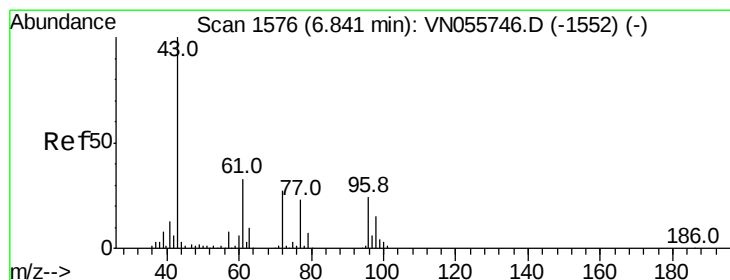
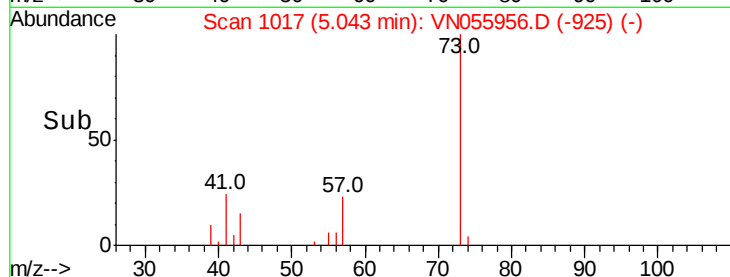
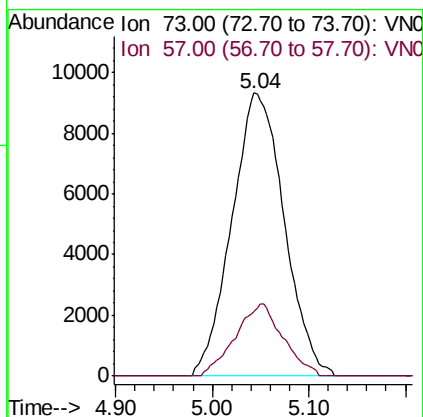
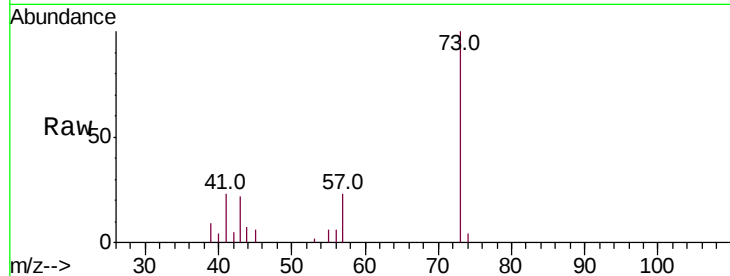




#19
Methvl tert-butvl Ether
Concen: 3.598 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

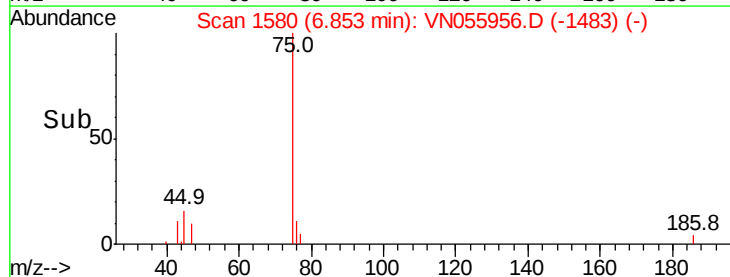
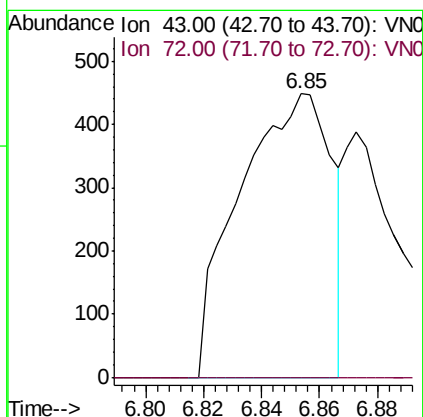
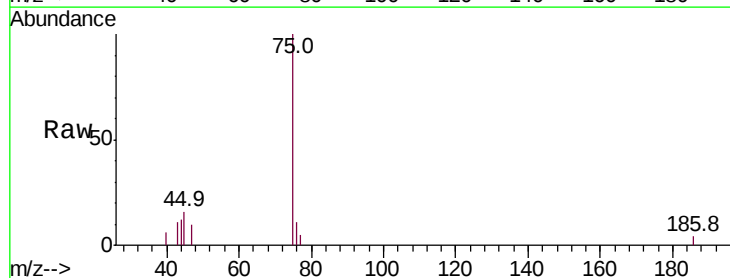
Instrument :
MSVOA_N
ClientSampled :

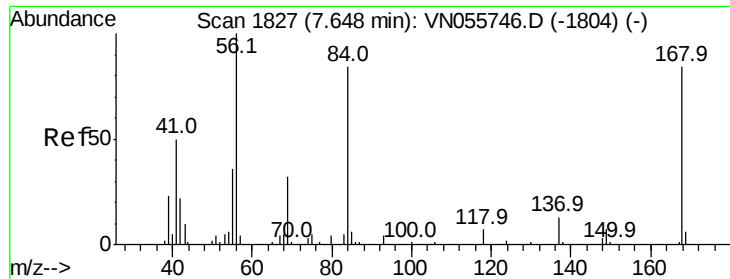
Tot Ion: 73 Resp: 34992
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8



#25
2-Butanone
Concen: 0.454 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#

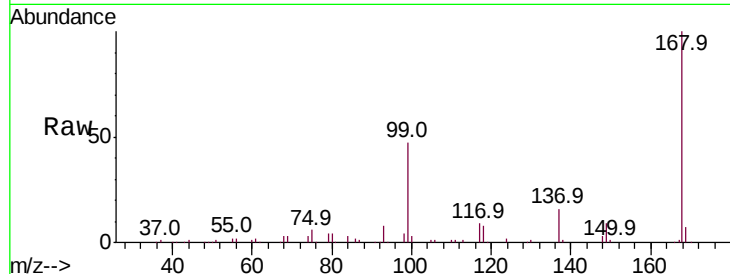




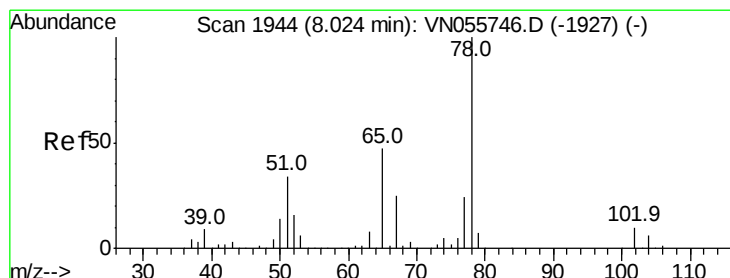
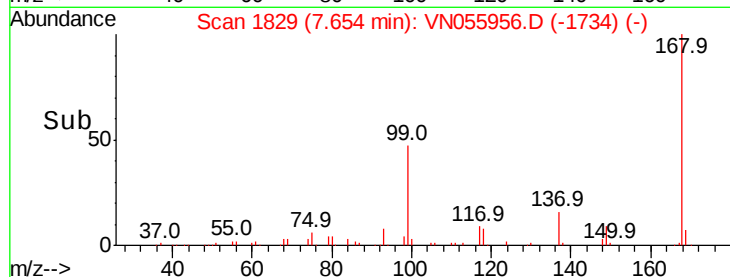
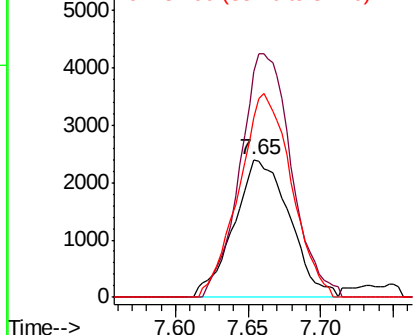
#31
Cyclohexane
Concen: 1.203 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 6393
Ion Ratio Lower Upper
56 100
69 164.1 25.6 38.4#
84 130.7 67.4 101.0#

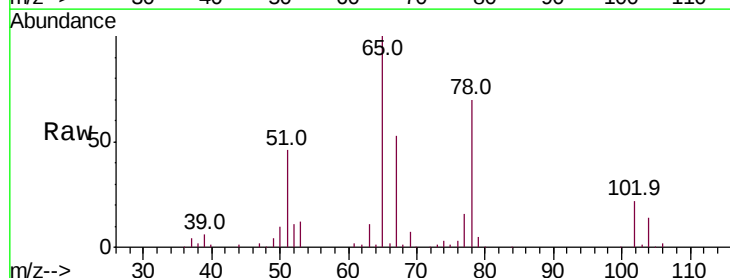


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

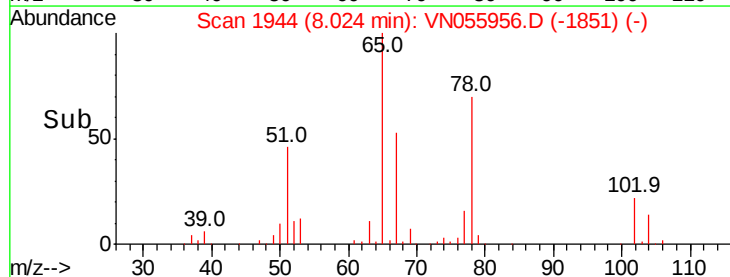
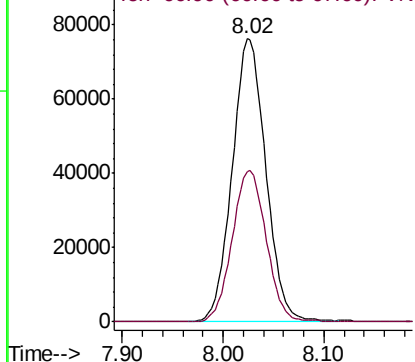


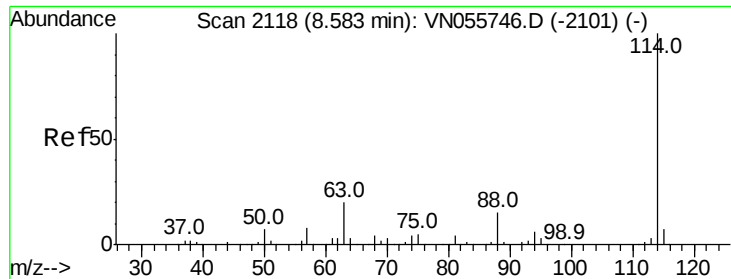
#33
1,2-Dichloroethane-d4
Concen: 49.938 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

Tgt Ion: 65 Resp: 176840
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.2



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



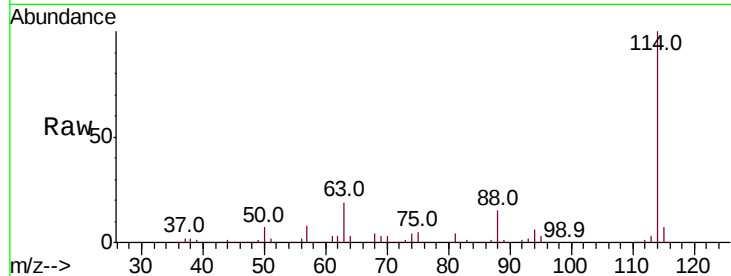


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055956.D
 Acq: 3 Jun 2019 13:00

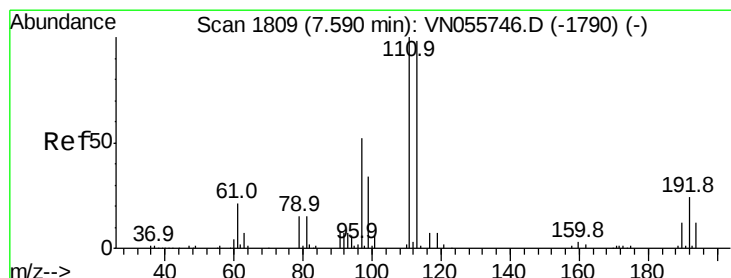
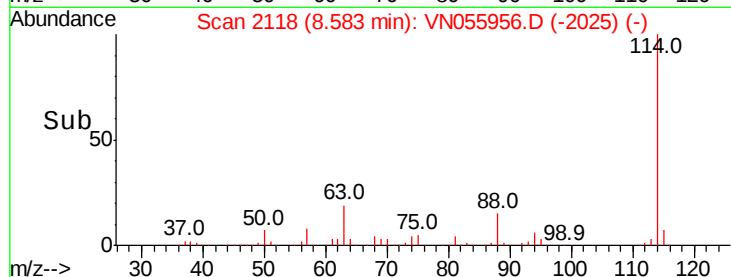
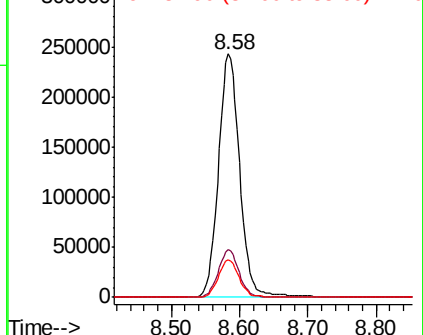
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 525666

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.3	0.0	31.0



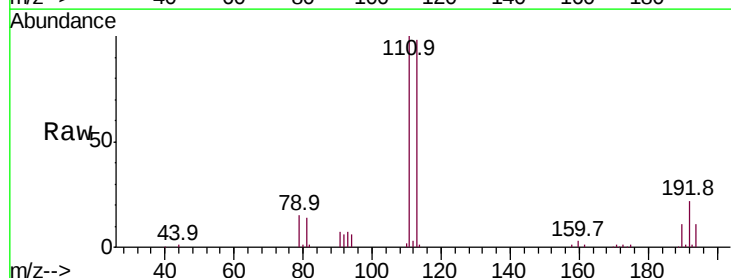
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



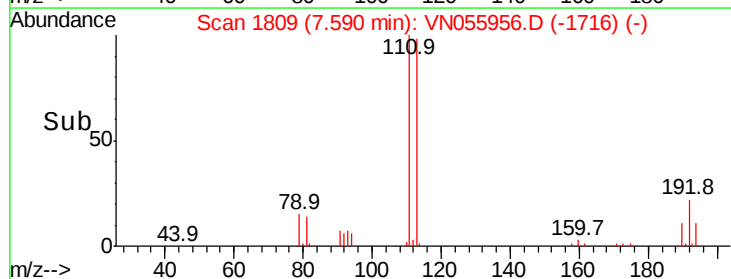
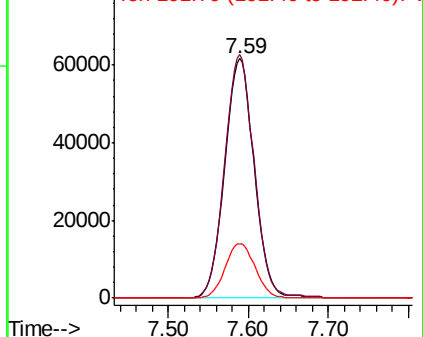
#35
 Dibromofluoromethane
 Concen: 46.869 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055956.D
 Acq: 3 Jun 2019 13:00

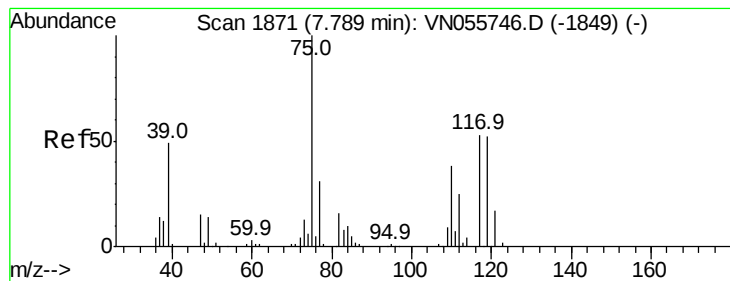
Tgt Ion:113 Resp: 155767

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	23.1	19.5	29.3



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: 4.456 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

ClientSampled :

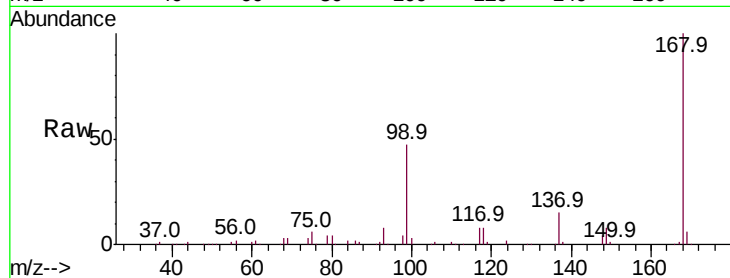
Tot Ion: 75 Resp: 20413

Ion Ratio Lower Upper

75 100

110 9.3 19.0 57.0#

77 0.0 25.1 37.7#

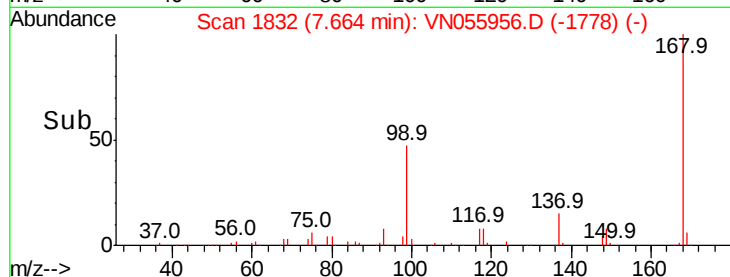


Abundance Ion 74.90 (74.60 to 75.60): VN055746.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN055746.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN055746.D (-1849) (-)

Time-->

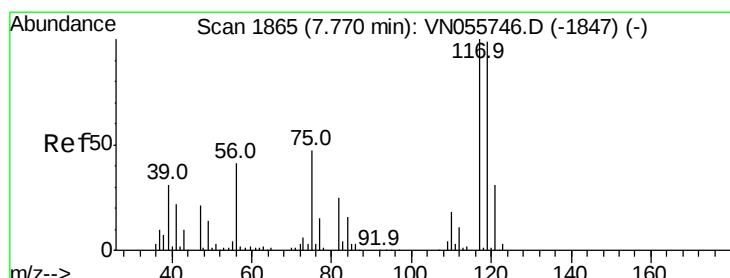


Abundance Ion 74.90 (74.60 to 75.60): VN055956.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN055956.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN055956.D (-1778) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.010 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

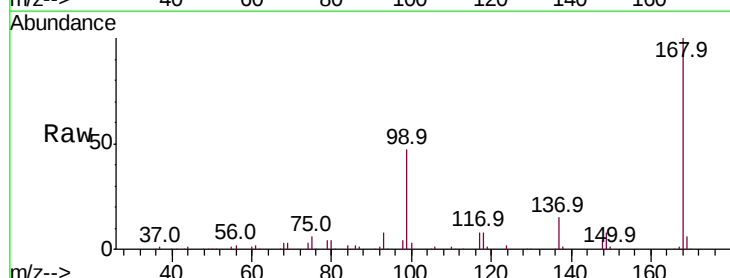
Tgt Ion: 117 Resp: 28677

Ion Ratio Lower Upper

117 100

119 6.0 79.0 118.6#

121 0.0 24.7 37.1#

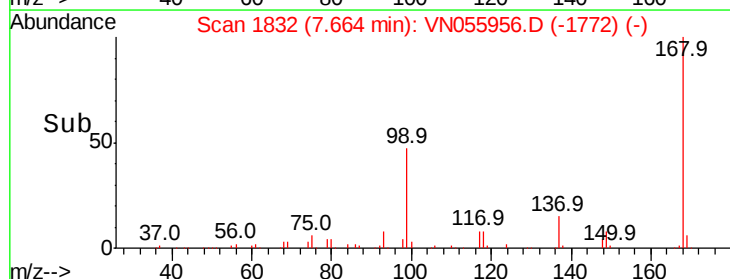


Abundance Ion 116.80 (116.50 to 117.50): VN055746.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN055746.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN055746.D (-1847) (-)

Time-->

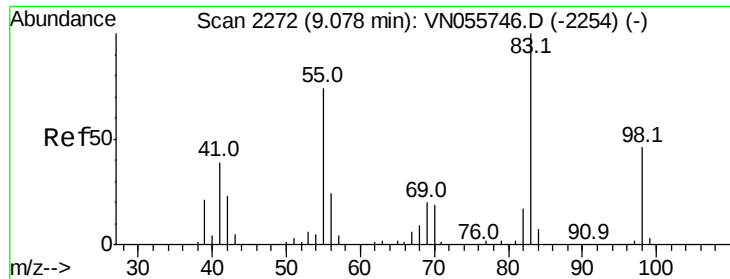


Abundance Ion 116.80 (116.50 to 117.50): VN055956.D (-1772) (-)

Ion 118.80 (118.50 to 119.50): VN055956.D (-1772) (-)

Ion 120.80 (120.50 to 121.50): VN055956.D (-1772) (-)

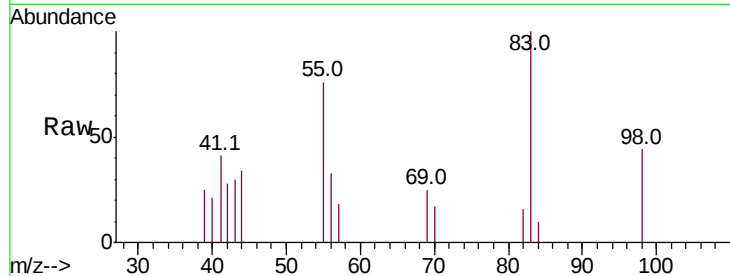
Time-->



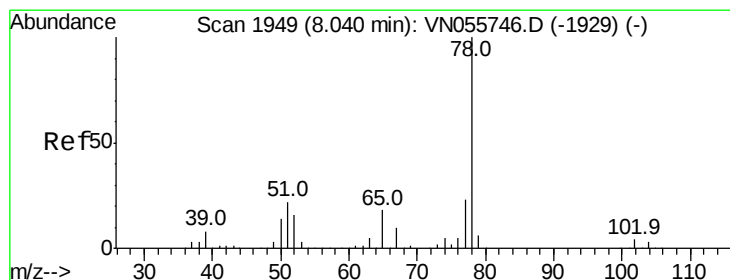
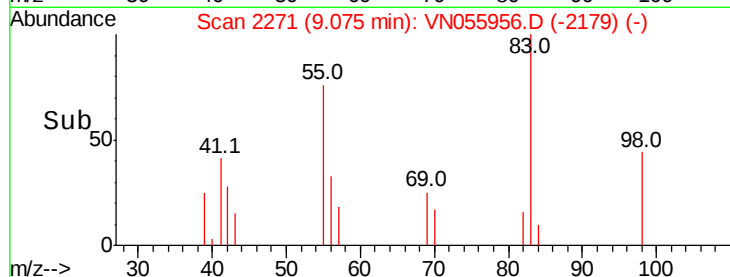
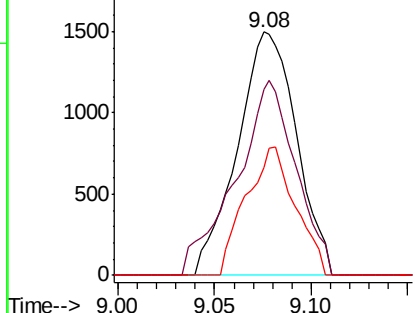
#39
Methvlcvclohexane
Concen: 0.562 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 3189
Ion Ratio Lower Upper
83 100
55 76.4 59.3 88.9
98 44.4 36.6 54.8

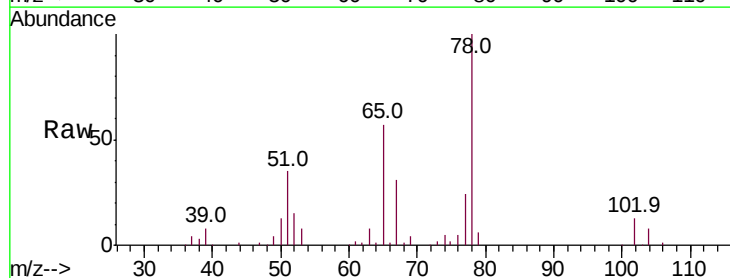


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

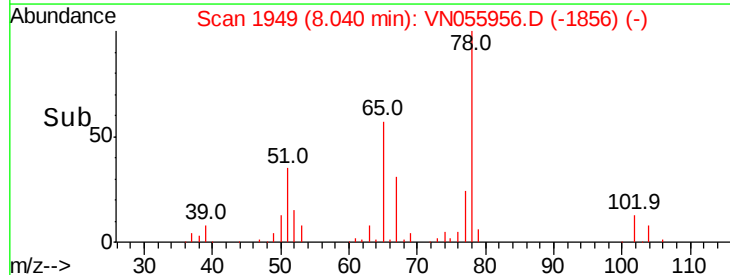
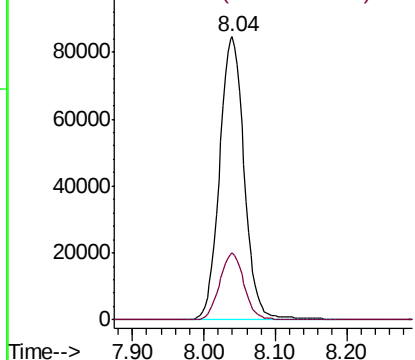


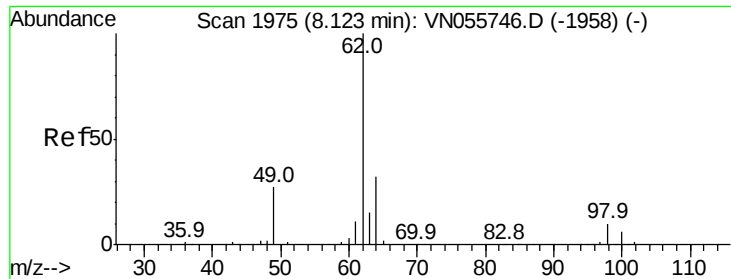
#40
Benzene
Concen: 14.724 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

Tgt Ion: 78 Resp: 203282
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

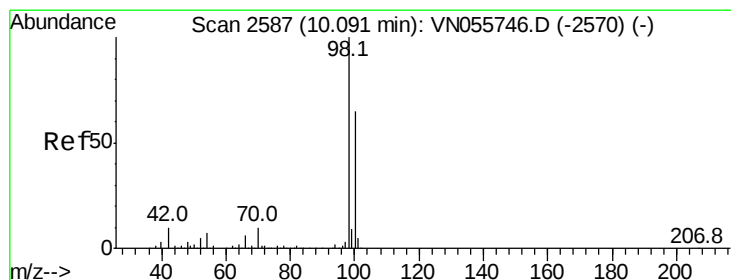
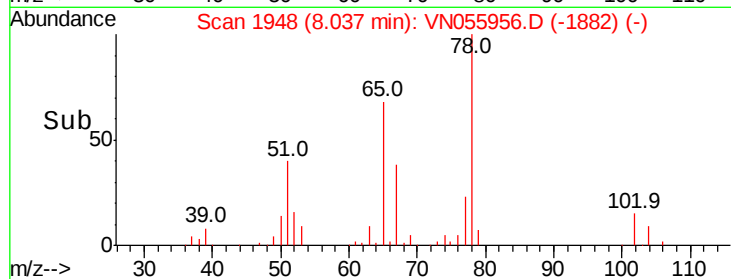
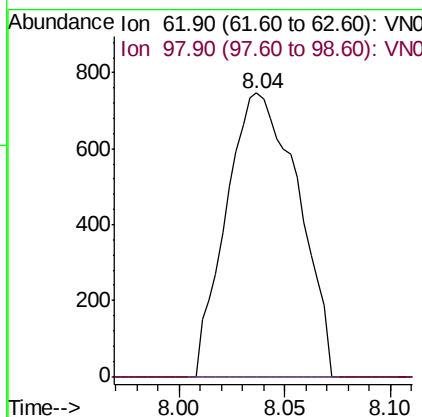
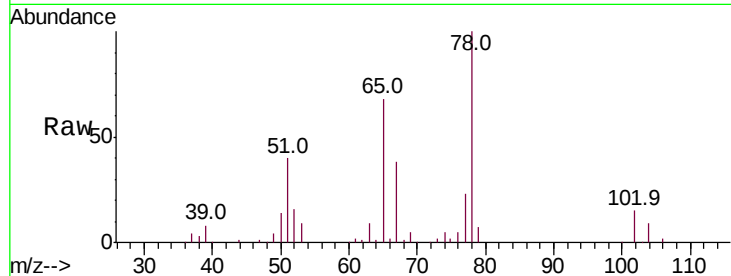




#42
 1,2-Dichloroethane
 Concen: 0.392 ug/l
 RT: 8.04 min Scan# 1948
 Delta R.T. -0.09 min
 Lab File: VN055956.D
 Acq: 3 Jun 2019 13:00

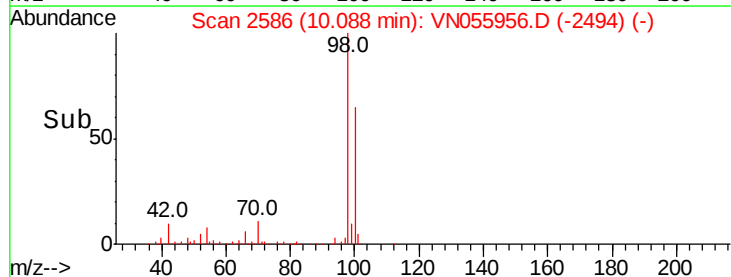
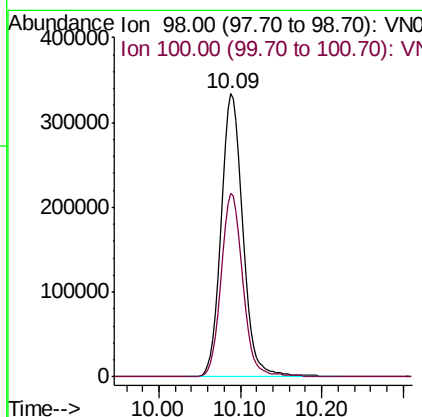
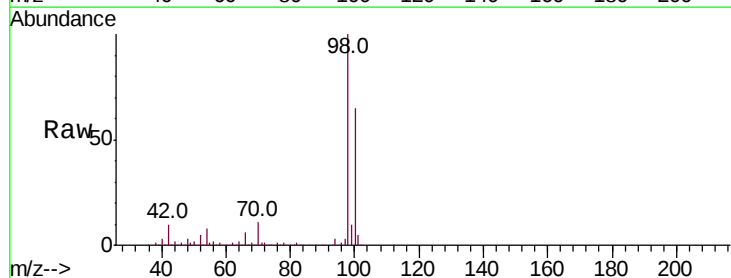
Instrument :
 MSVOA_N
 ClientSampled :

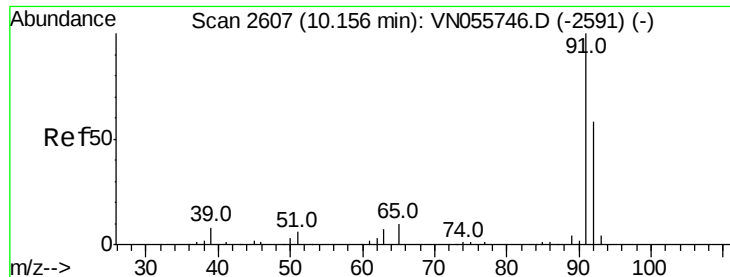
Tot Ion: 62 Resp: 1767
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 20.2



#50
 Toluene-d8
 Concen: 49.954 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN055956.D
 Acq: 3 Jun 2019 13:00

Tgt Ion: 98 Resp: 636831
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.9 77.9





#52

Toluene

Concen: 123.003 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

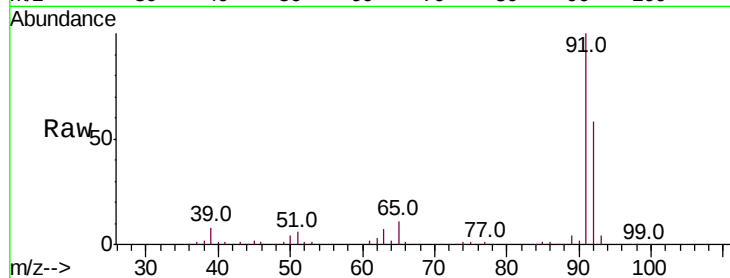
Instrument :

MSVOA_N

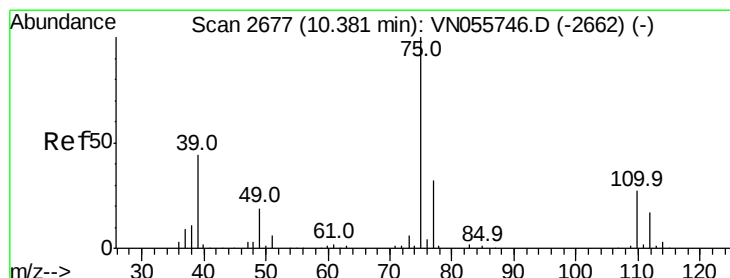
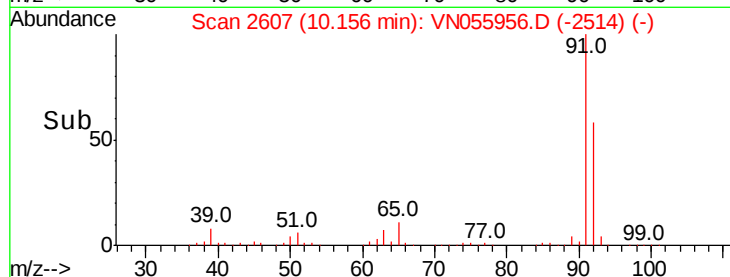
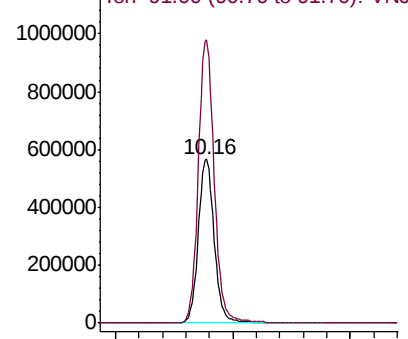
ClientSampleId :

Tot Ion: 92 Resp: 1068044

Ion	Ratio	Lower	Upper
92	100		
91	173.5	139.4	209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055956.D (-2514) (-)



#53

t-1,3-Dichloropropene

Concen: 2.061 ug/l

RT: 10.16 min Scan# 2607

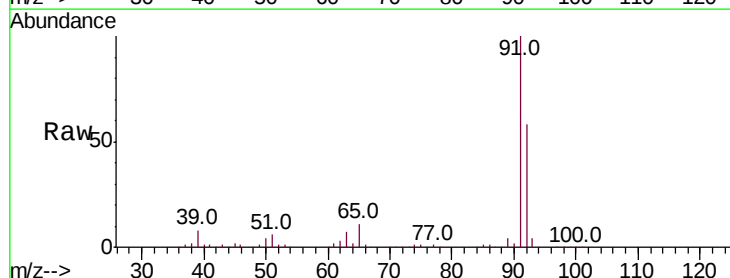
Delta R.T. -0.23 min

Lab File: VN055956.D

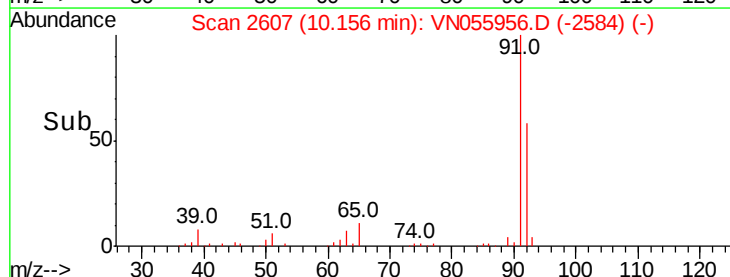
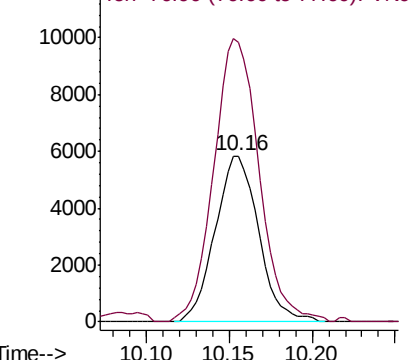
Acq: 3 Jun 2019 13:00

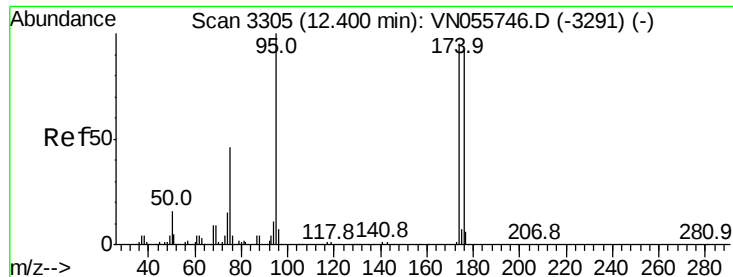
Tgt Ion: 75 Resp: 10642

Ion	Ratio	Lower	Upper
75	100		
77	165.9	25.8	38.6



Abundance Ion 74.90 (74.60 to 75.60): VN055956.D (-2584) (-)





#62

4-Bromofluorobenzene

Concen: 50.185 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

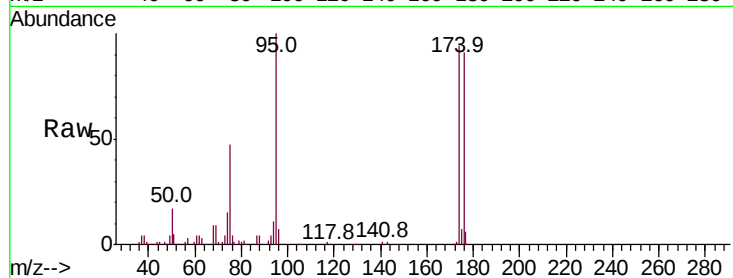
Tot Ion: 95 Resp: 219374

Ion Ratio Lower Upper

95 100

174 93.5 0.0 191.0

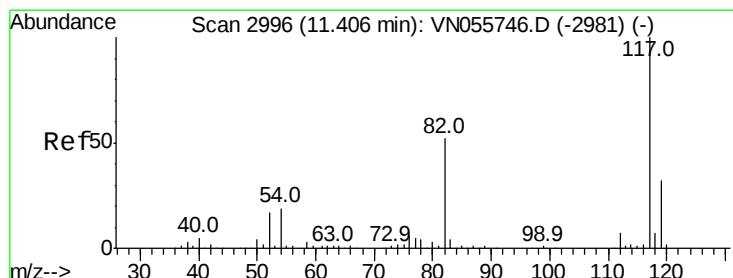
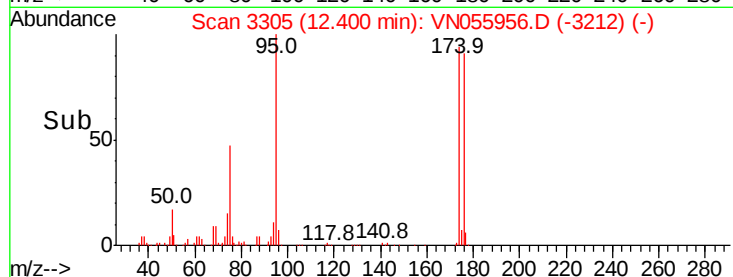
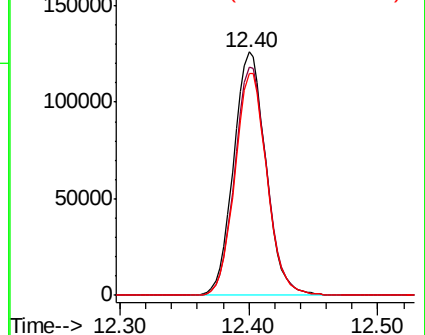
176 90.4 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

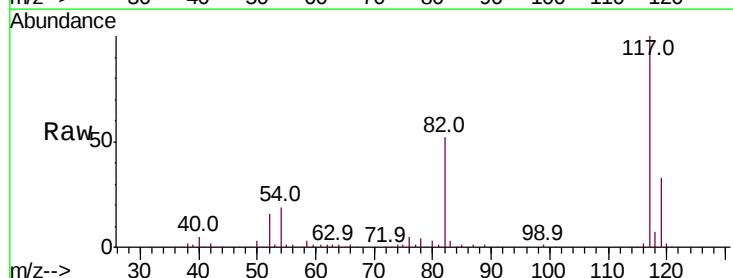
Tgt Ion: 117 Resp: 502750

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

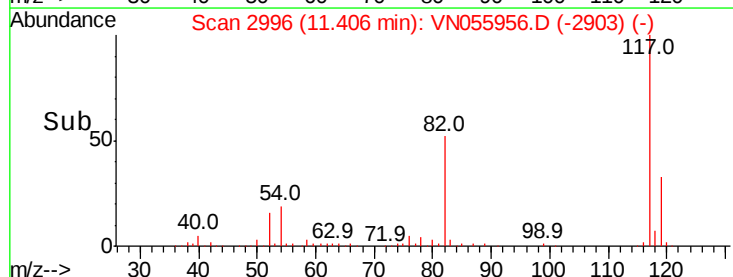
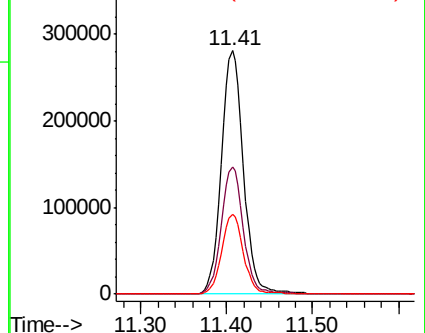
119 32.6 25.4 38.0

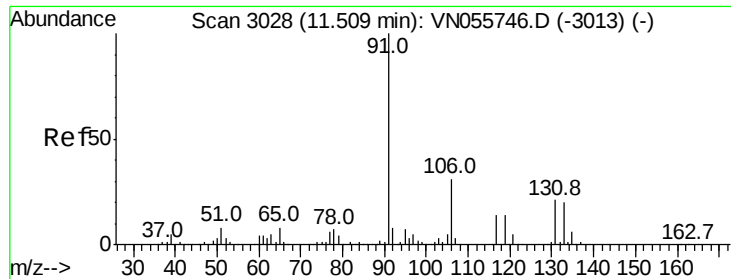


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

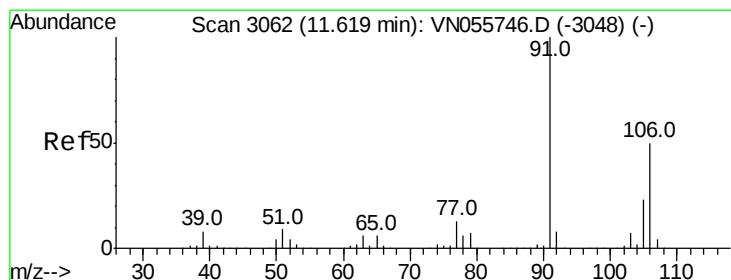
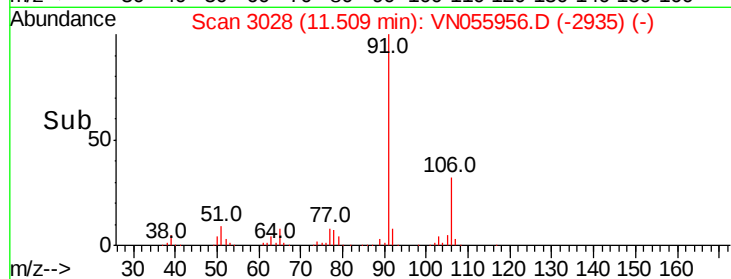
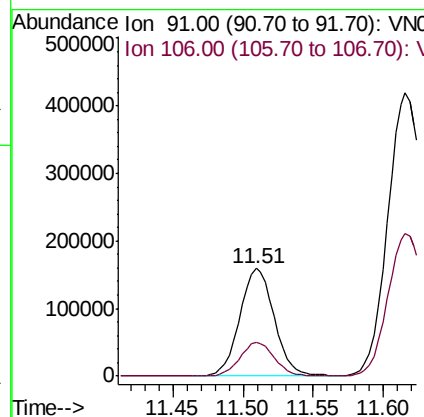
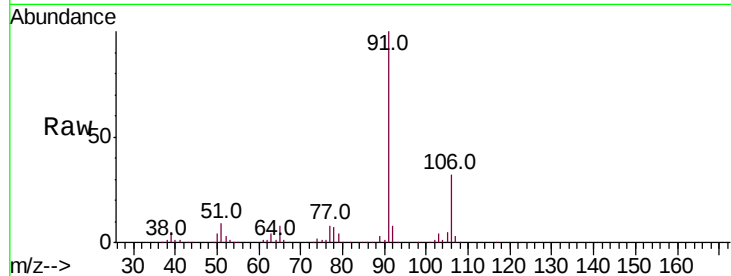




#67
Ethyl Benzene
Concen: 15.173 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

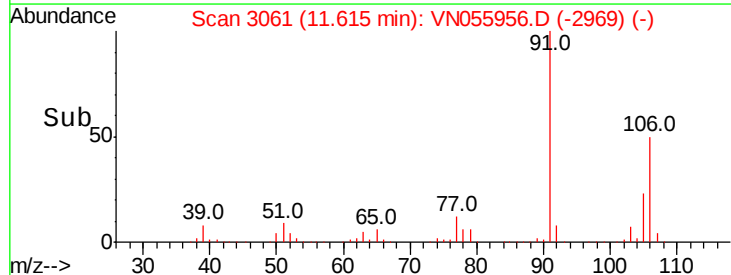
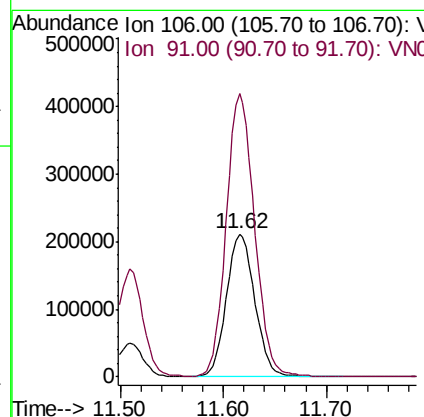
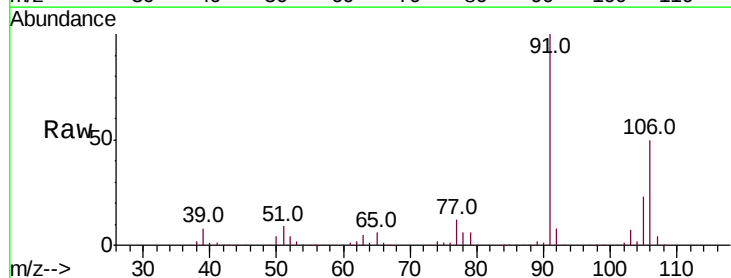
Instrument :
MSVOA_N
ClientSampled :

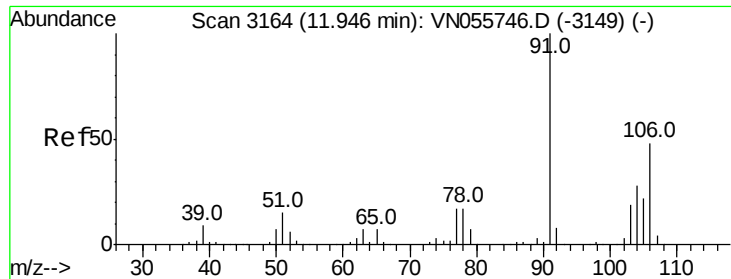
Tot Ion: 91 Resp: 273851
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 59.620 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

Tgt Ion: 106 Resp: 406800
Ion Ratio Lower Upper
106 100
91 196.9 159.3 238.9

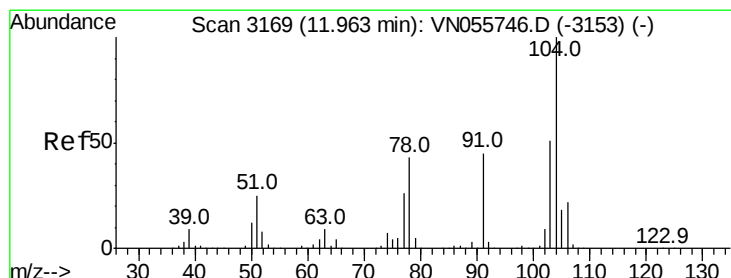
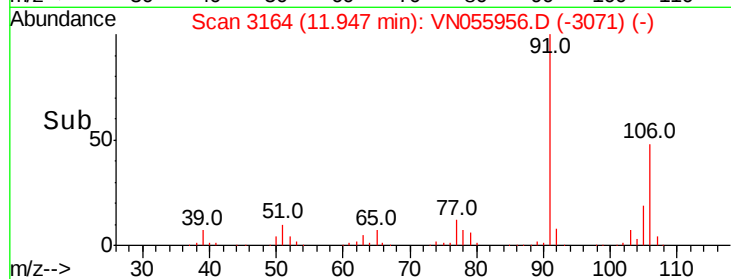
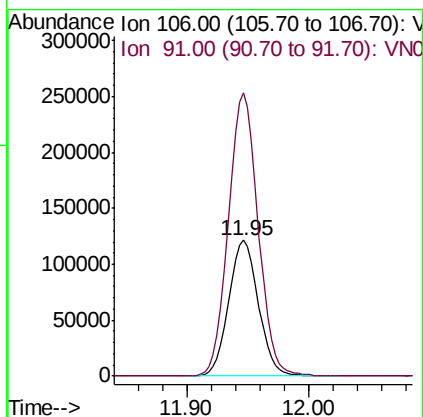
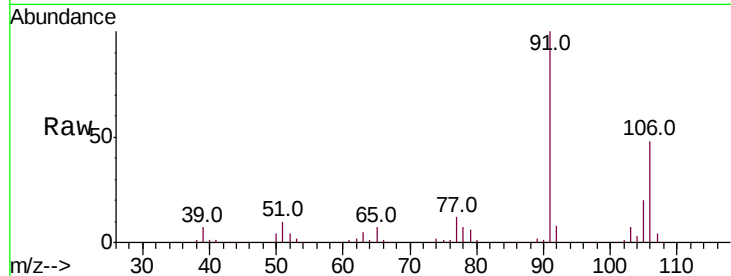




#69
o-Xylene
Concen: 30.531 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

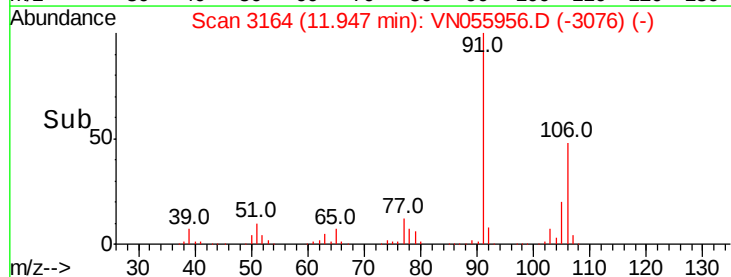
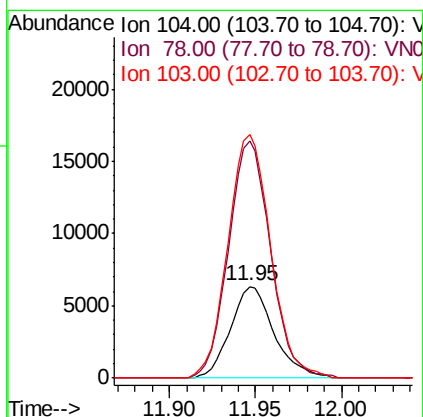
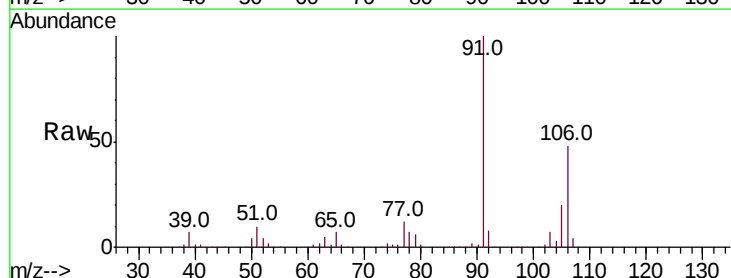
Instrument :
MSVOA_N
ClientSampleId :

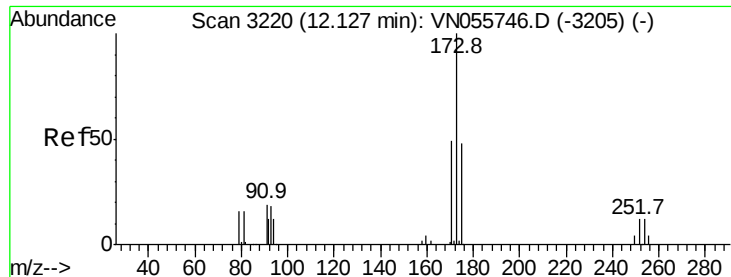
Tot Ion:106 Resp: 206683
Ion Ratio Lower Upper
106 100
91 208.6 104.7 314.1



#70
Styrene
Concen: 1.021 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

Tgt Ion:104 Resp: 11195
Ion Ratio Lower Upper
104 100
78 249.6 37.8 56.6#
103 260.6 44.2 66.2#





#71

Bromoform

Concen: 0.468 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

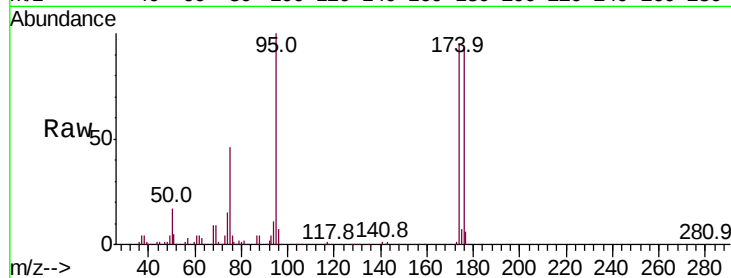
Tot Ion:173 Resp: 1601

Ion Ratio Lower Upper

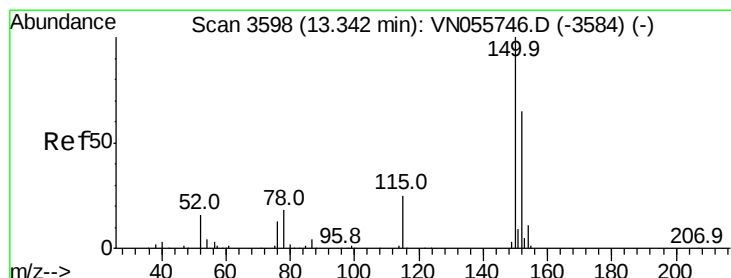
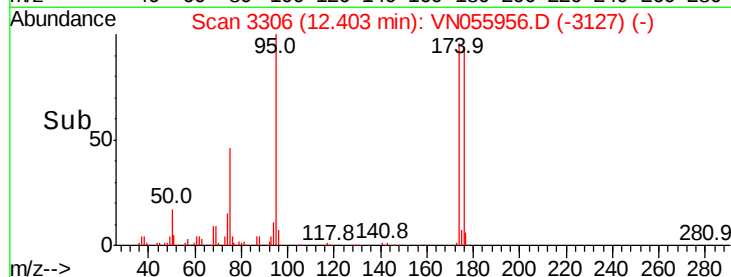
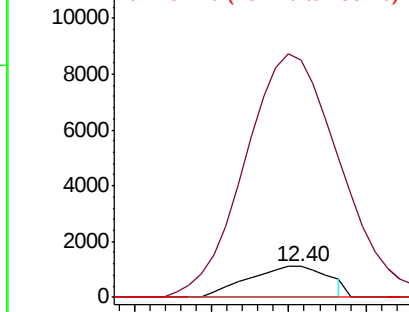
173 100

175 809.1 24.3 72.8#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

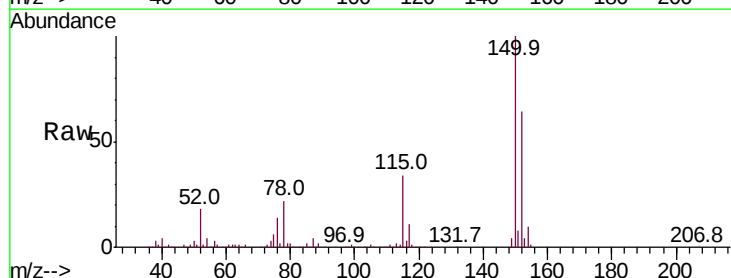
Tgt Ion:152 Resp: 192783

Ion Ratio Lower Upper

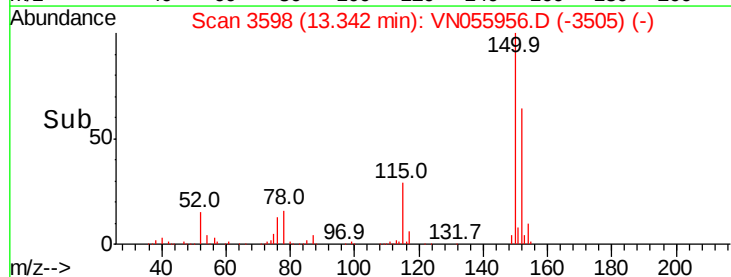
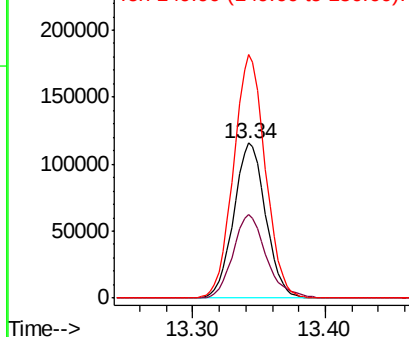
152 100

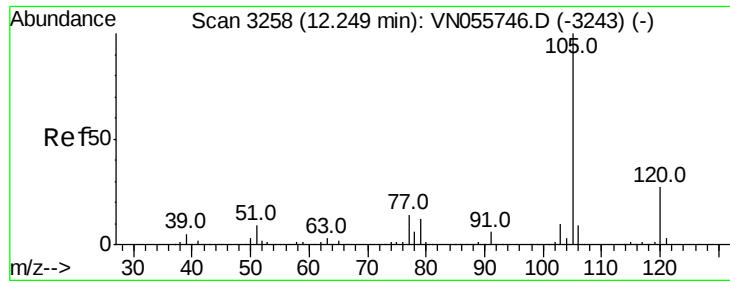
115 56.5 27.0 81.0

150 156.6 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: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

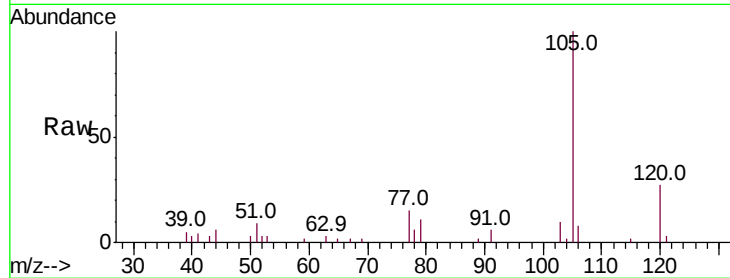
ClientSampled :

Tot Ion:105 Resp: 15187

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

10000

8000

6000

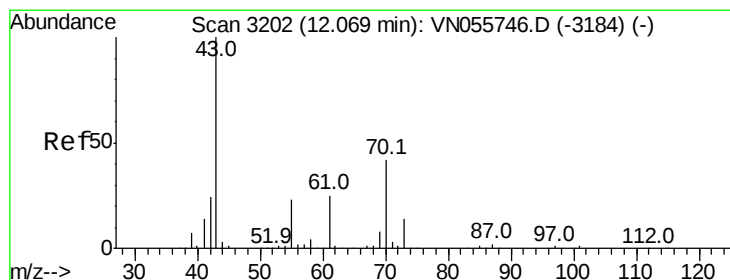
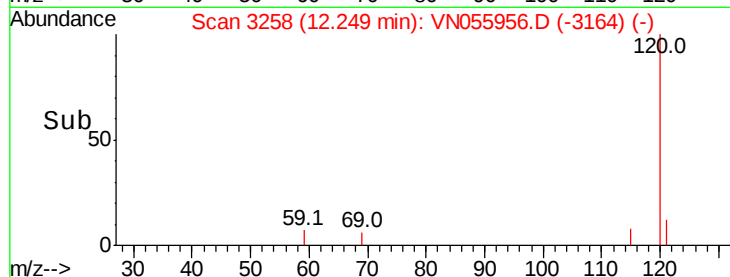
4000

2000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Tgt Ion: 43 Resp: 958

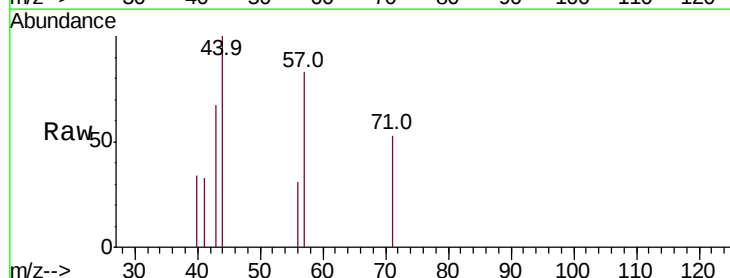
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 11.2 18.6 28.0#

61 0.0 20.0 30.0#



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

600

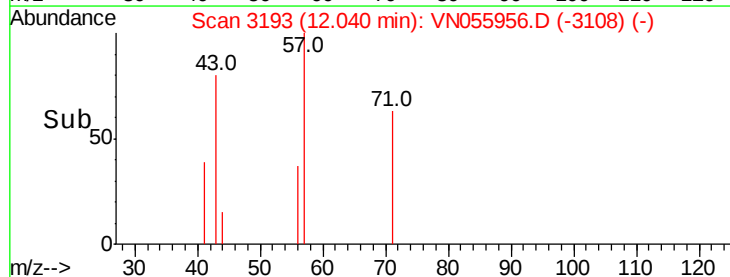
400

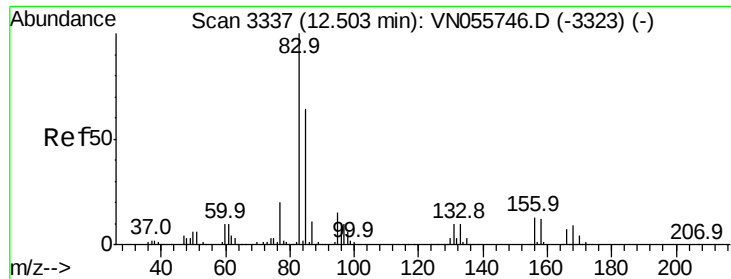
200

0

Time-->

12.00 12.05





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.71 min Scan# 3402

Delta R.T. 0.21 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

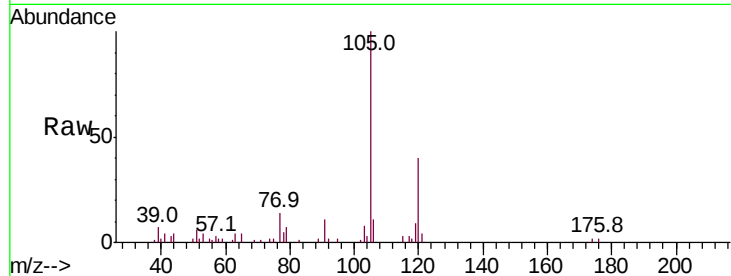
Tot Ion: 83 Resp: 96

Ion Ratio Lower Upper

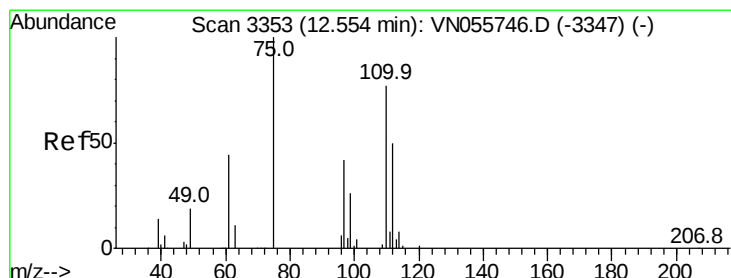
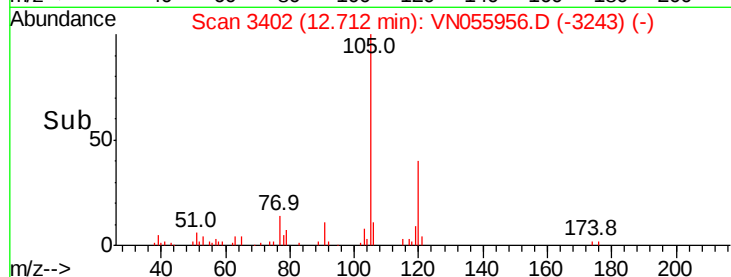
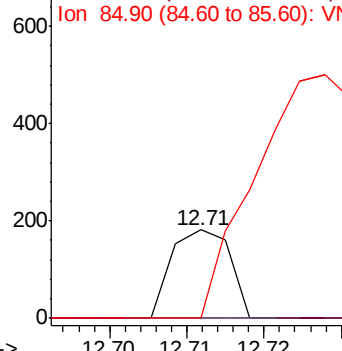
83 100

131 0.0 5.4 16.2#

85 828.1 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 29.195 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055956.D

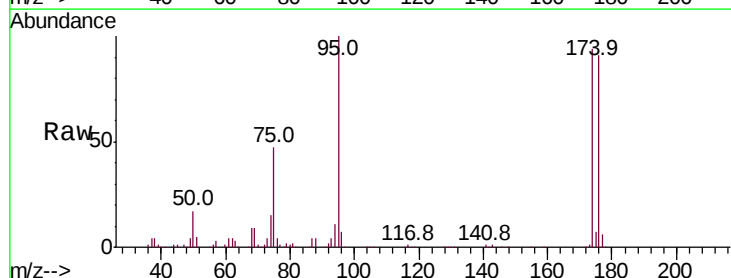
Acq: 3 Jun 2019 13:00

Tgt Ion: 75 Resp: 101263

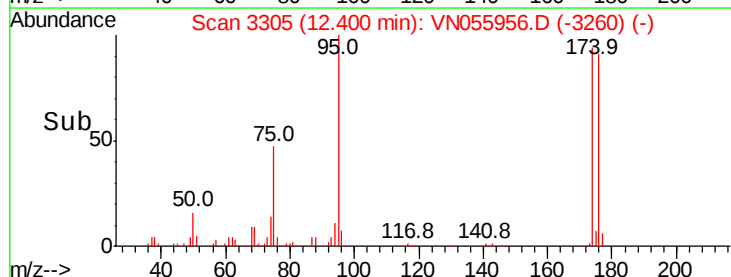
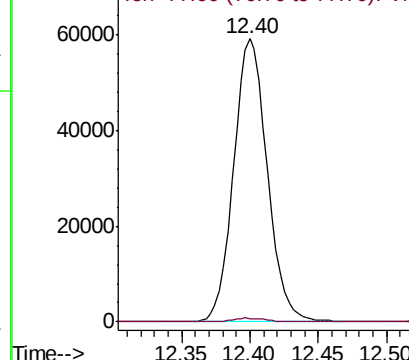
Ion Ratio Lower Upper

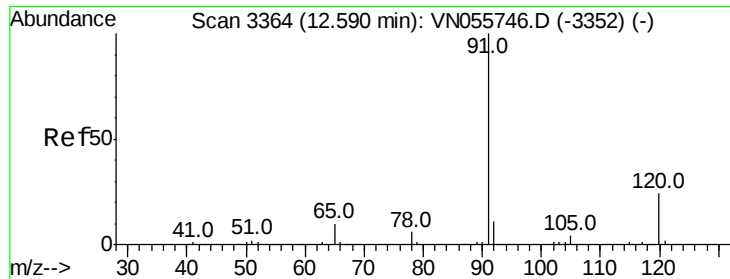
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 3.298 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

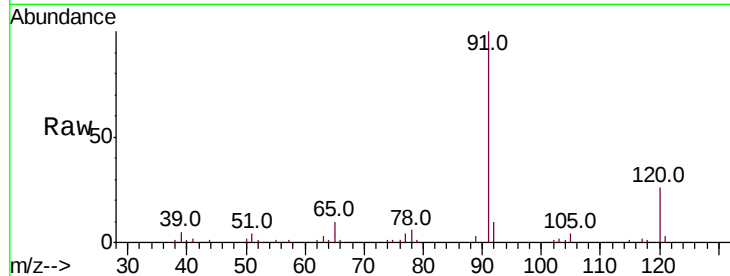
ClientSampled :

Tot Ion: 91 Resp: 55260

Ion Ratio Lower Upper

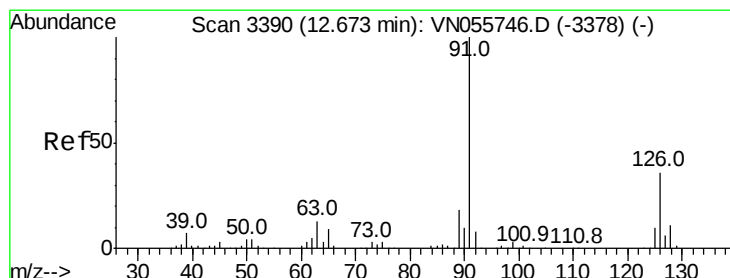
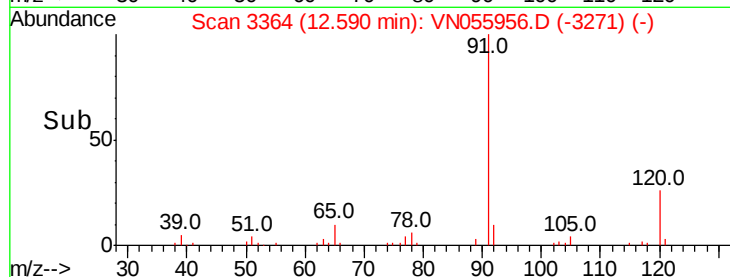
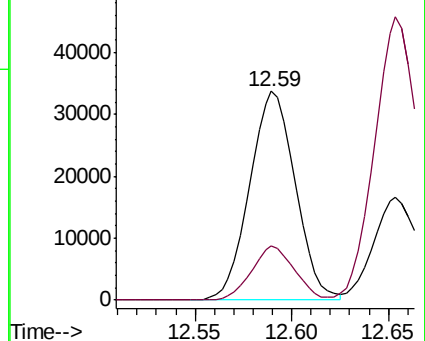
91 100

120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.238 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN055956.D

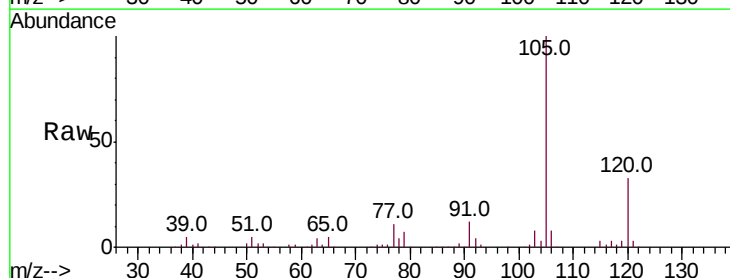
Acq: 3 Jun 2019 13:00

Tgt Ion: 91 Resp: 25042

Ion Ratio Lower Upper

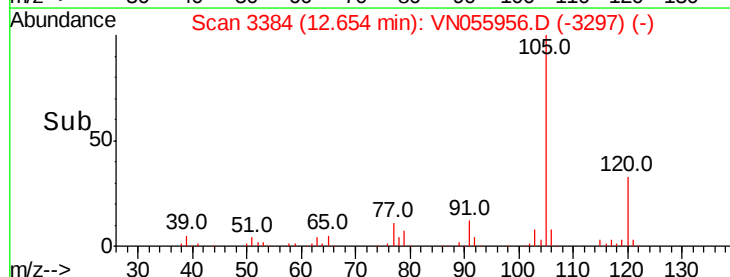
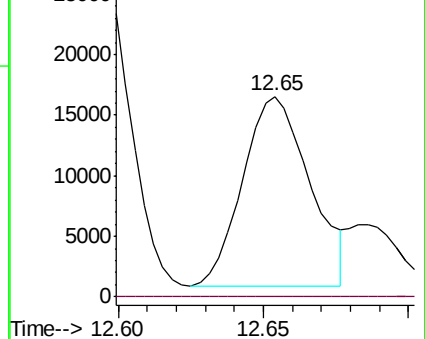
91 100

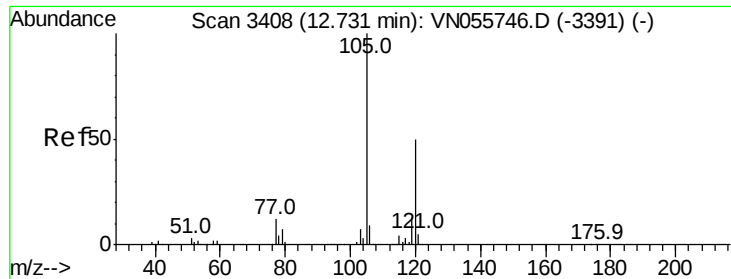
126 0.0 18.1 54.4#



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: 6.037 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

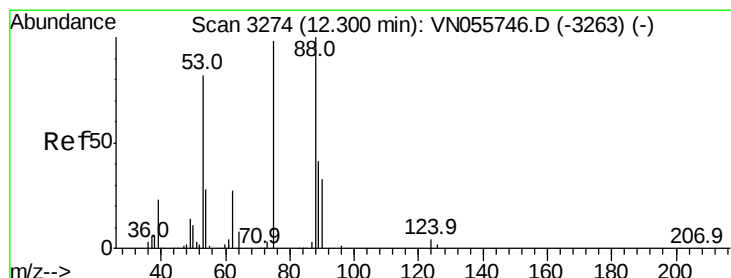
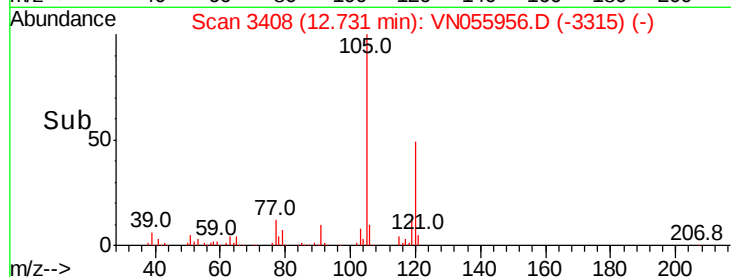
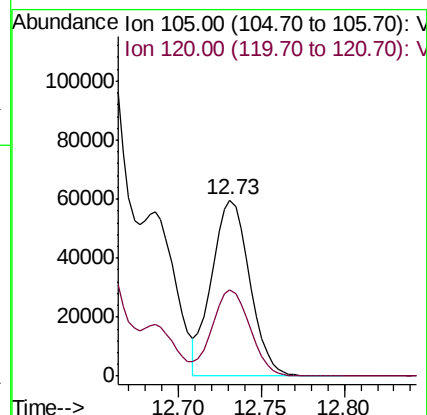
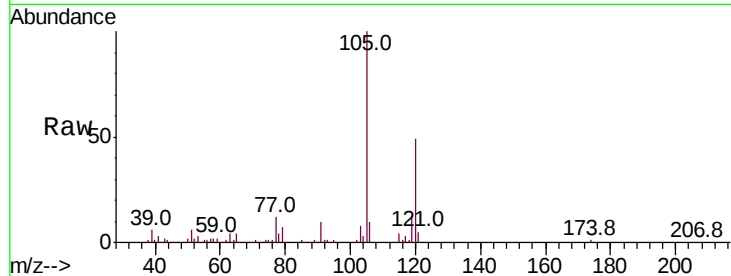
ClientSampled :

Tot Ion:105 Resp: 95670

Ion Ratio Lower Upper

105 100

120 48.6 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 70.674 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

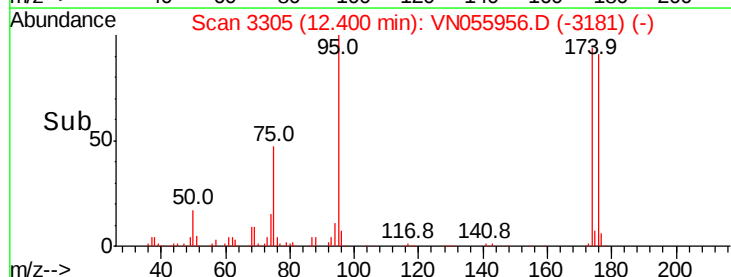
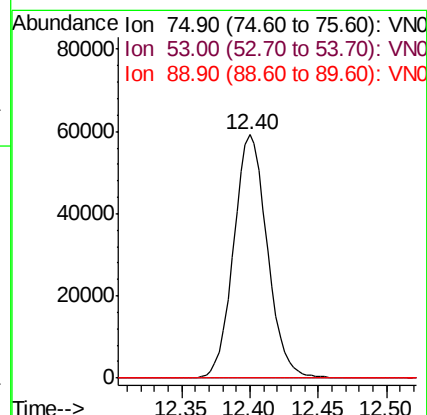
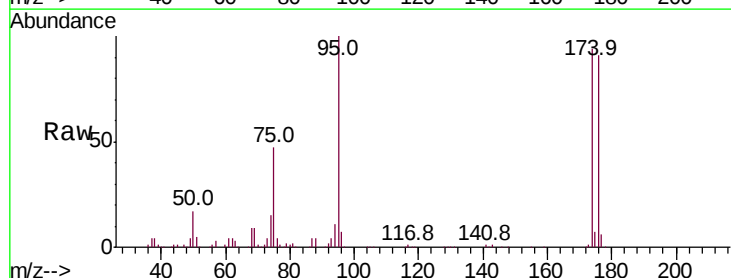
Tgt Ion: 75 Resp: 101263

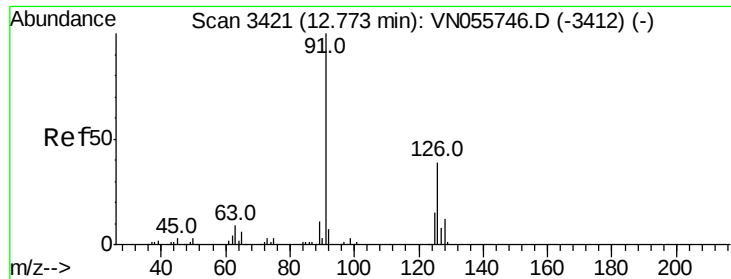
Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.968 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

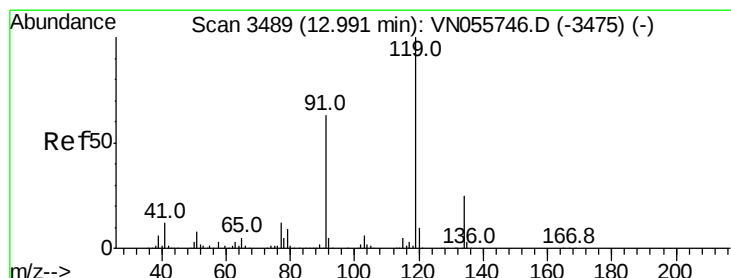
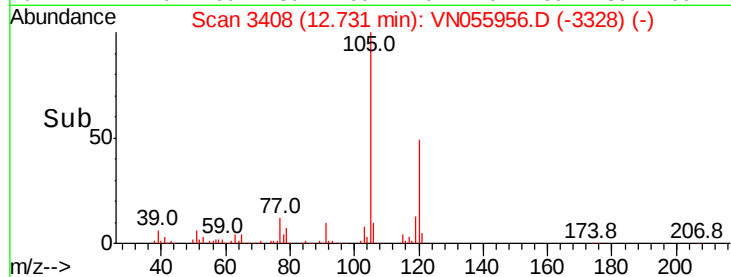
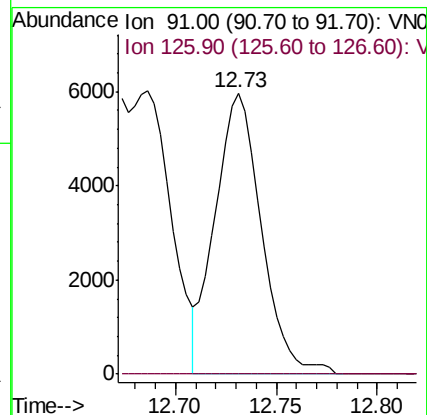
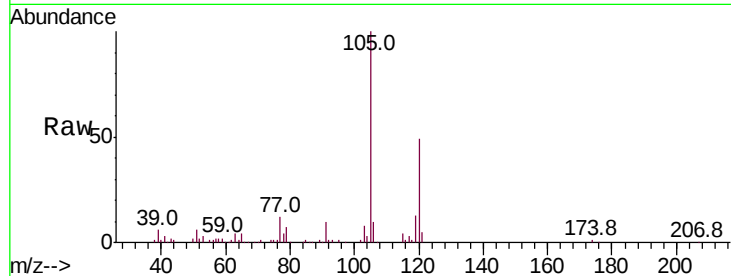
ClientSampleId :

Tot Ion: 91 Resp: 9535

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.3#



#83

tert-Butylbenzene

Concen: 2.243 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

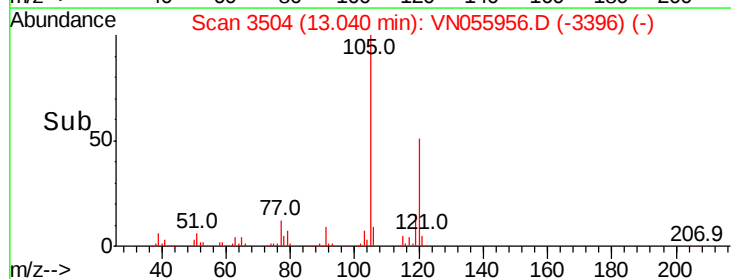
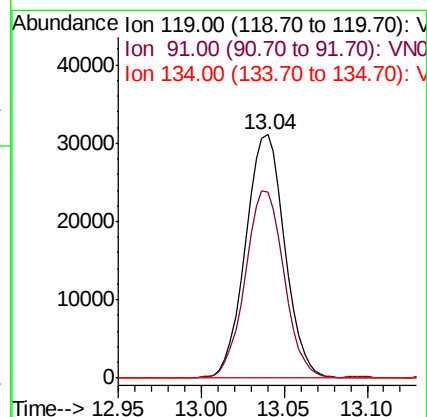
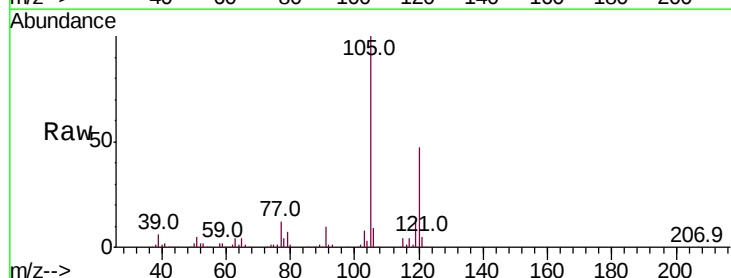
Tgt Ion: 119 Resp: 51215

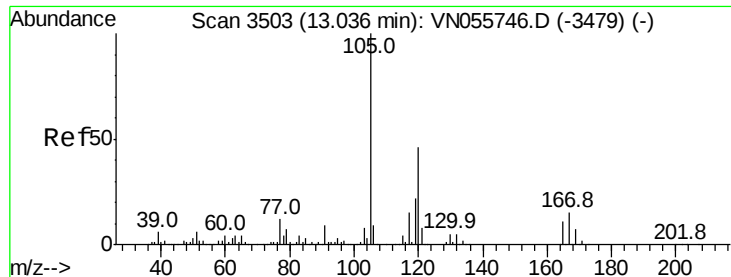
Ion Ratio Lower Upper

119 100

91 76.4 30.9 92.8

134 0.0 13.3 39.8#





#84

1,2,4-Trimethylbenzene

Concen: 34.621 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

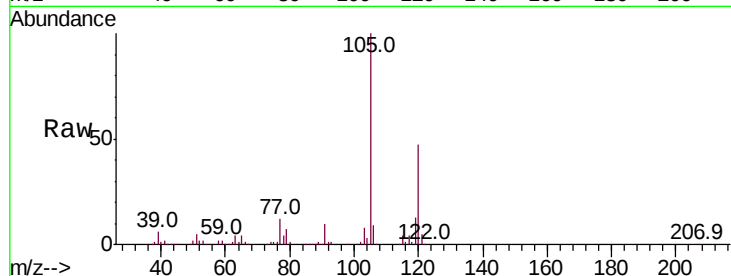
ClientSampleId :

Tot Ion:105 Resp: 407270

Ion Ratio Lower Upper

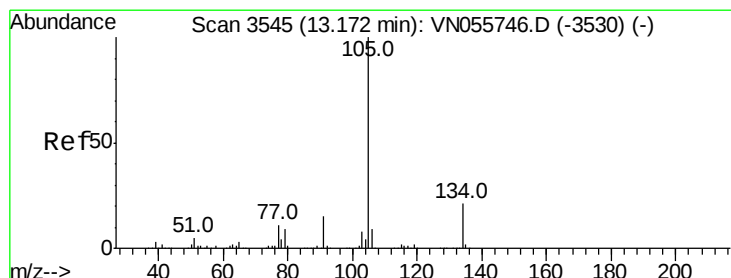
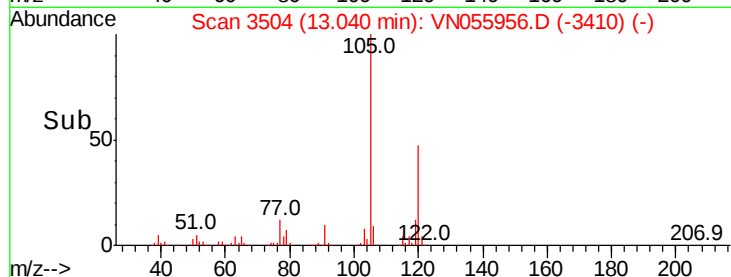
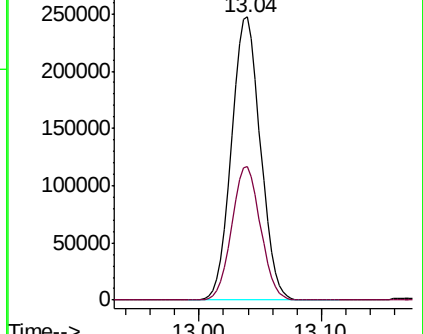
105 100

120 47.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 30.459 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN055956.D

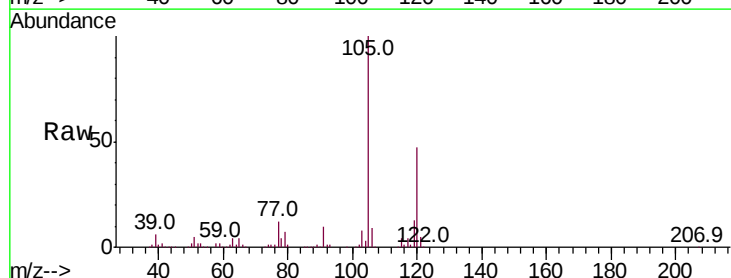
Acq: 3 Jun 2019 13:00

Tgt Ion:105 Resp: 407270

Ion Ratio Lower Upper

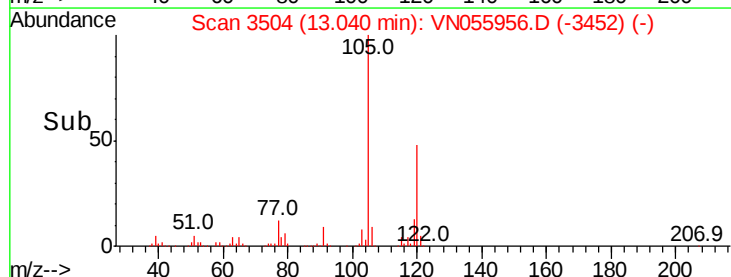
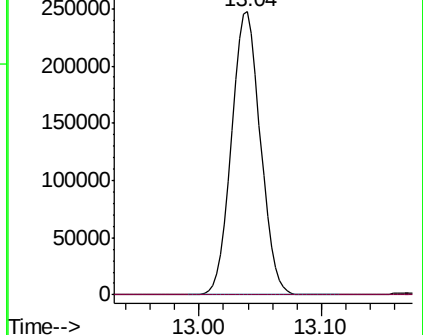
105 100

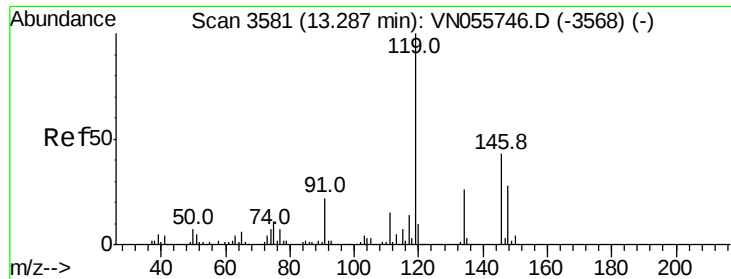
134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

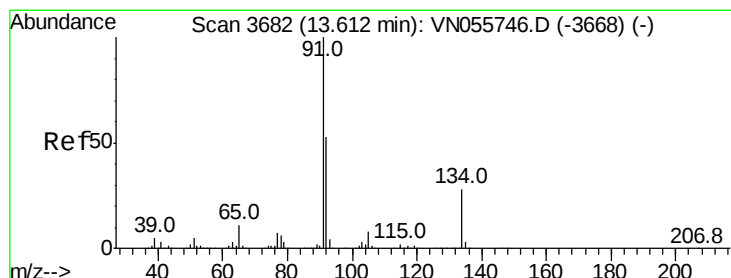
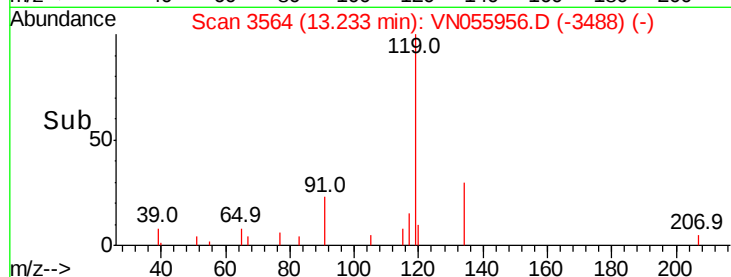
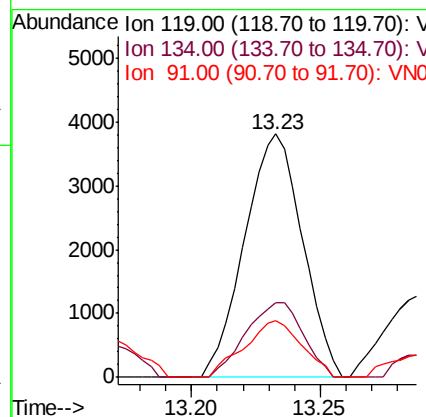
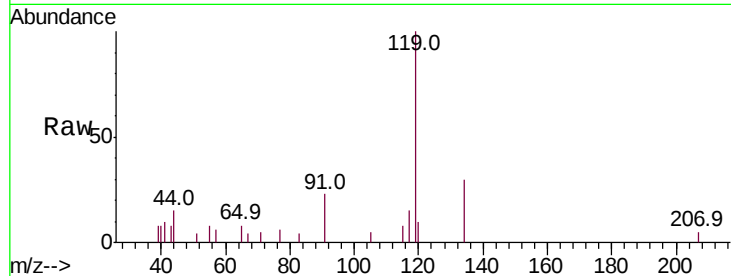




#86
p-Isopropyltoluene
Concen: 0.445 ug/l
RT: 13.23 min Scan# 3564
Delta R.T. -0.05 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

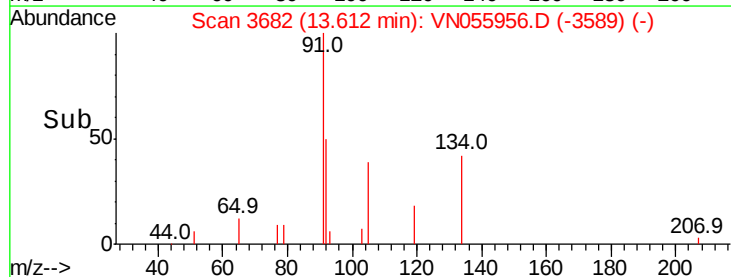
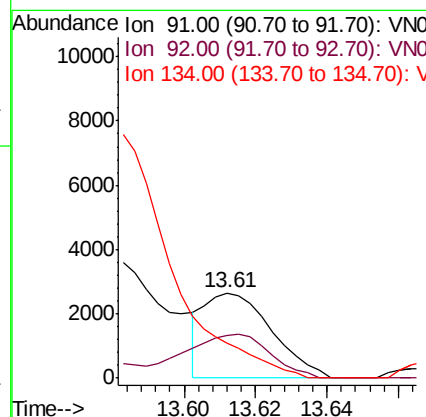
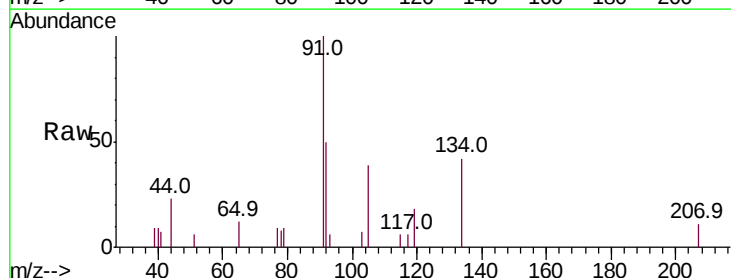
Instrument :
MSVOA_N
ClientSampled :

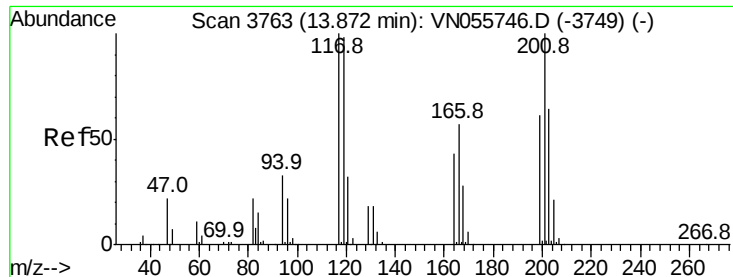
Tot Ion: 119 Resp: 5958
Ion Ratio Lower Upper
119 100
134 30.4 13.4 40.1
91 23.1 10.9 32.9



#89
n-Butylbenzene
Concen: 0.338 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

Tgt Ion: 91 Resp: 3464
Ion Ratio Lower Upper
91 100
92 64.4 26.4 79.0
134 0.0 13.9 41.7#

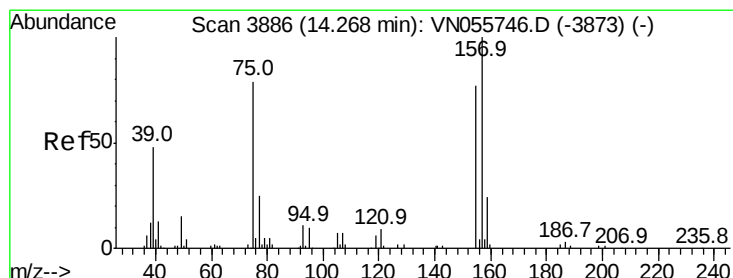
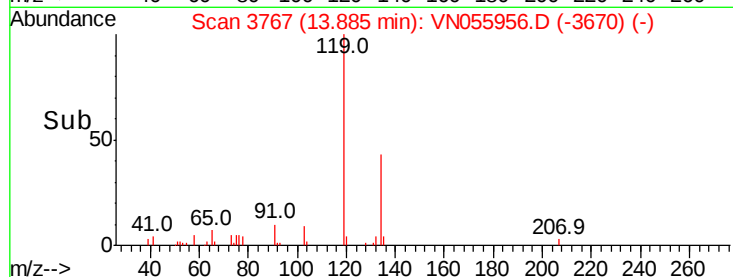
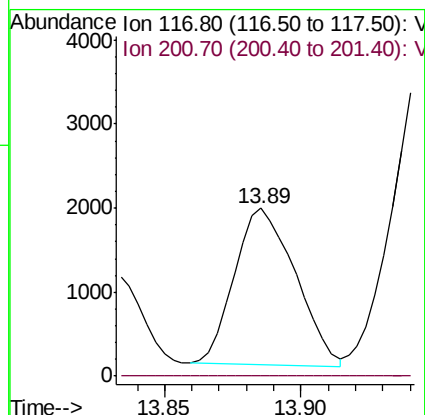
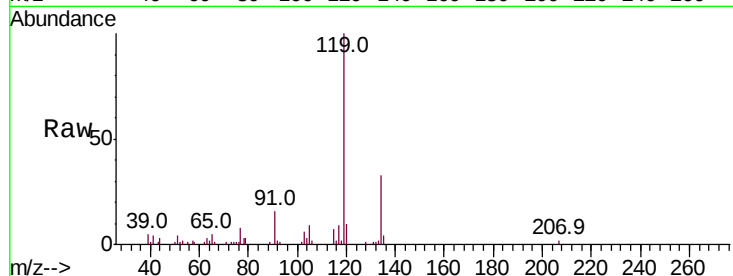




#90
Hexachloroethane
Concen: 1.131 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

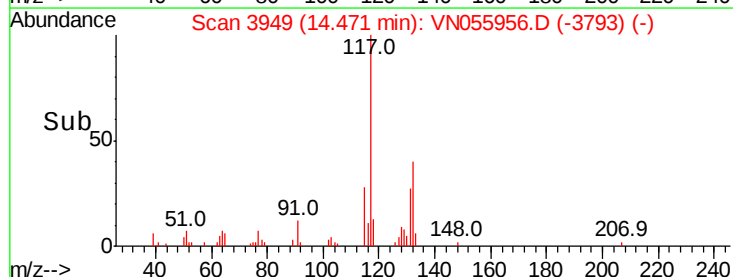
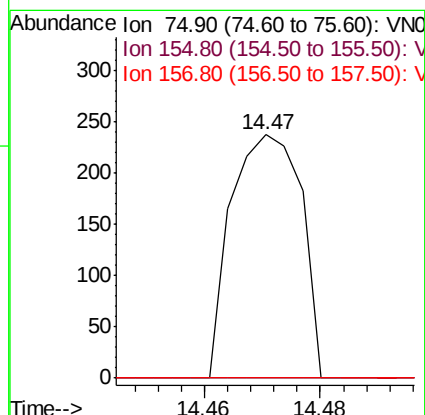
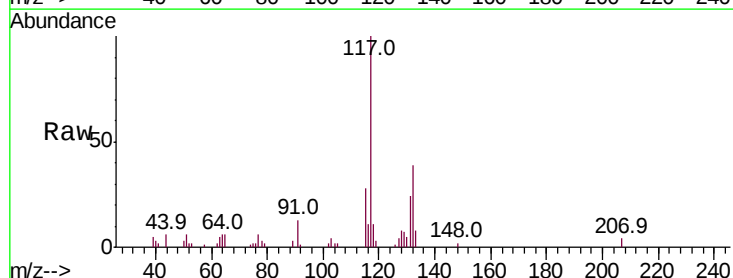
Instrument :
MSVOA_N
ClientSampleId :

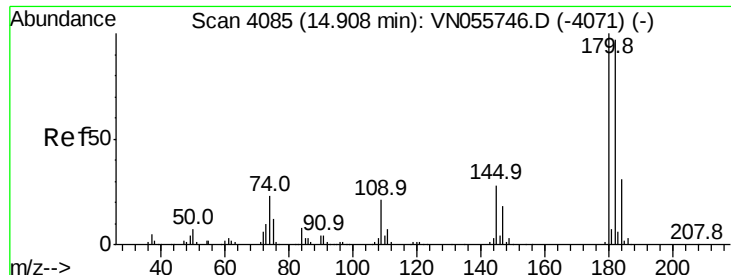
Tot Ion:117 Resp: 2883
Ion Ratio Lower Upper
117 100
201 0.0 50.0 150.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.233 ug/l
RT: 14.47 min Scan# 3949
Delta R.T. 0.20 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

Tgt Ion: 75 Resp: 199
Ion Ratio Lower Upper
75 100
155 0.0 50.0 150.1#
157 0.0 64.8 194.3#





#93

1,2,4-Trichlorobenzene

Concen: 3.660 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

ClientSampled :

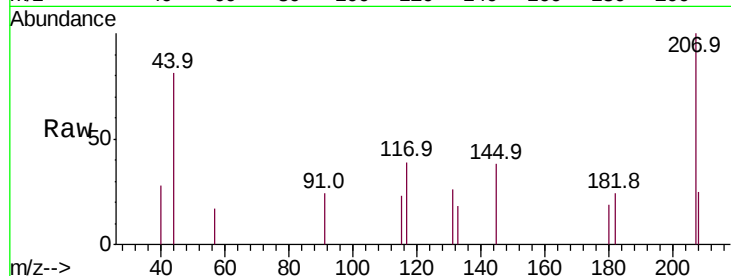
Tot Ion:180 Resp: 94

Ion Ratio Lower Upper

180 100

182 167.0 48.3 144.9#

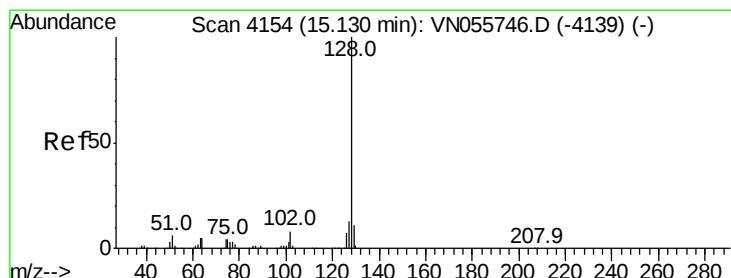
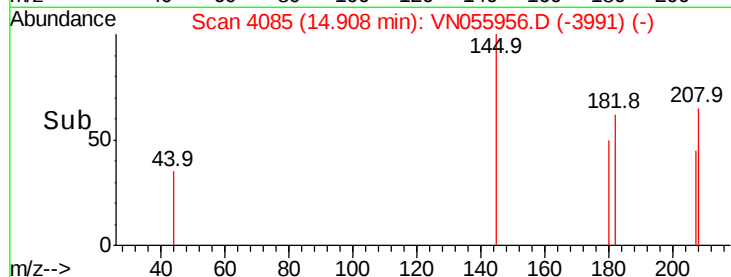
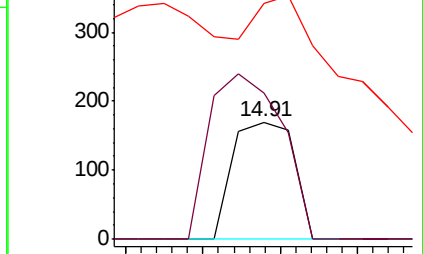
145 711.7 14.0 41.9#



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



#95

Naphthalene

Concen: 5.256 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

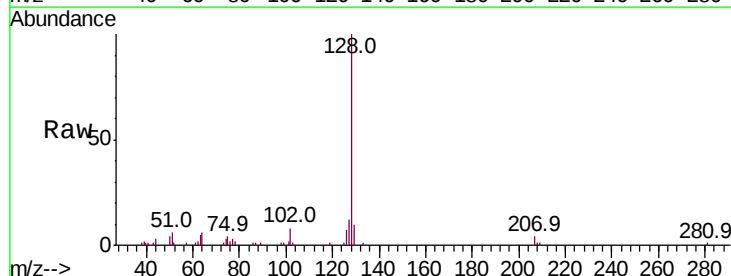
Tgt Ion:128 Resp: 46871

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 10.6 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

