

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055951.D
 Acq On : 3 Jun 2019 10:54
 Operator : JC/SP
 Sample : VN0603MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 16:21:37 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	369653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	558265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	506071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164742	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	185435	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
35) Dibromofluoromethane	7.59	113	166066	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
50) Toluene-d8	10.09	98	664966	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.40	95	206096	44.39	ug/l	0.00
Spiked Amount			Recovery	=	88.78%	

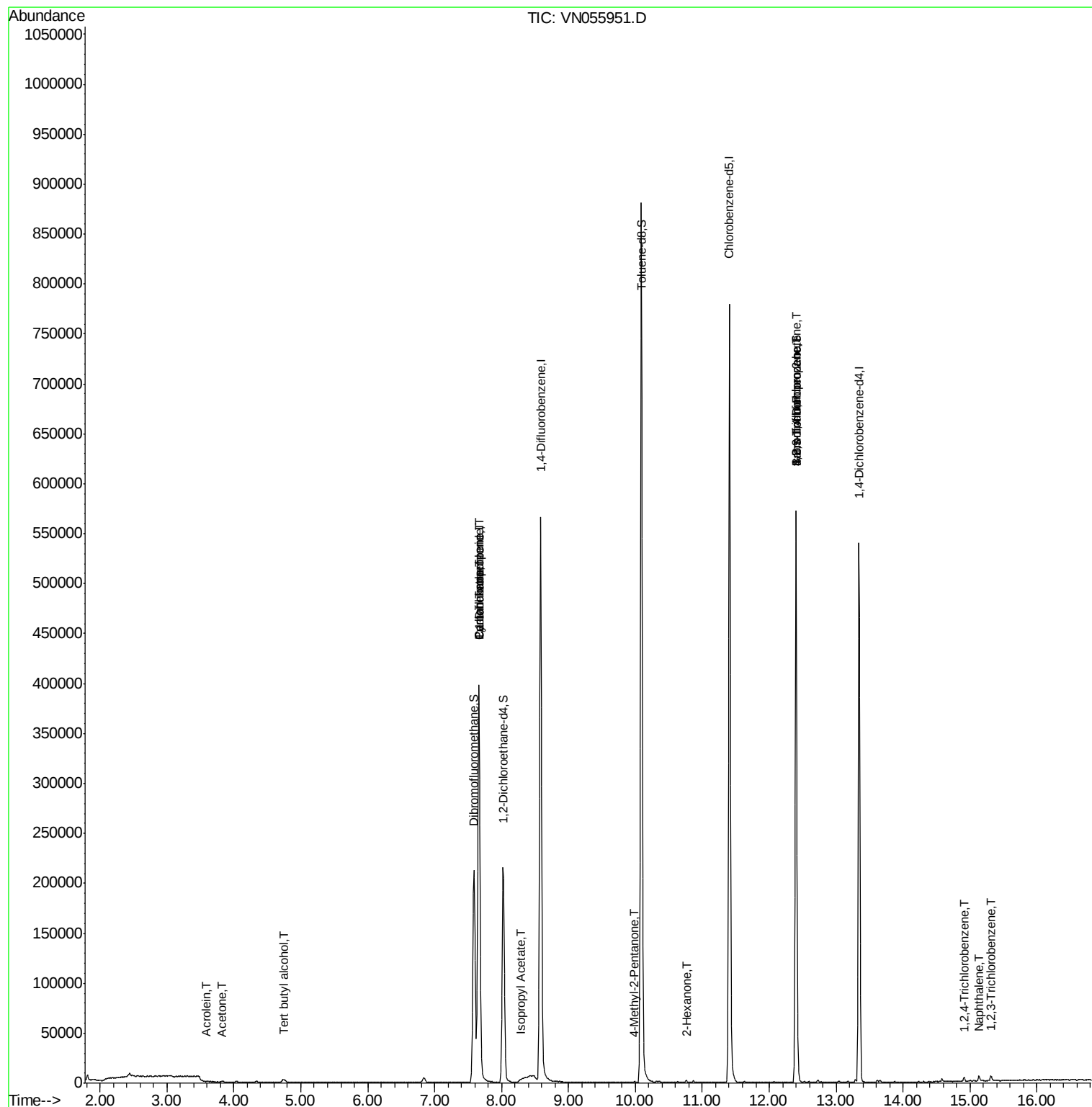
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	3147	4.315	ug/l #	74
13) Acrolein	3.59	56	204	0.391	ug/l #	1
16) Acetone	3.82	43	1229	0.732	ug/l #	41
18) Methyl Acetate	4.34	43	2475	Below Cal	#	64
31) Cyclohexane	7.66	56	5602	0.978	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	23397	4.809	ug/l #	48
38) Carbon Tetrachloride	7.66	117	30785	6.075	ug/l #	15
43) Isopropyl Acetate	8.28	43	2412	0.305	ug/l #	53
51) 4-Methyl-2-Pentanone	9.98	43	1213	0.260	ug/l #	35
59) 2-Hexanone	10.76	43	1795	0.542	ug/l	69
71) Bromoform	12.40	173	1305	0.379	ug/l #	1
73) Isopropylbenzene	12.25	105	608	Below Cal	#	48
74) N-amyl acetate	12.07	43	807	Below Cal	#	58
76) 1,2,3-Trichloropropane	12.40	75	96050	32.775	ug/l #	100
79) 2-Chlorotoluene	12.67	91	595	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	704	Below Cal		94
81) trans-1,4-Dichloro-2-buten	12.40	75	96050	78.446	ug/l #	15
83) tert-Butylbenzene	12.99	119	614	Below Cal	#	80
84) 1,2,4-Trimethylbenzene	13.04	105	978	Below Cal		77
85) sec-Butylbenzene	13.17	105	1172	Below Cal	#	66
93) 1,2,4-Trichlorobenzene	14.91	180	1965	4.207	ug/l	96
94) Hexachlorobutadiene	15.01	225	216	Below Cal	#	47
95) Naphthalene	15.13	128	4963	0.651	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	2651	0.903	ug/l	96

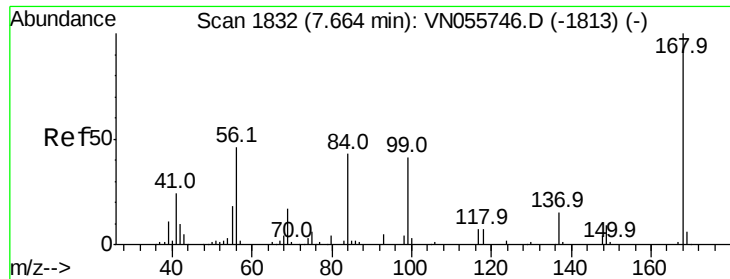
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060319\
Data File : VN055951.D
Acq On : 3 Jun 2019 10:54
Operator : JC/SP
Sample : VN0603MBL01
Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 03 16:21:37 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# 1831

Delta R.T. -0.00 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

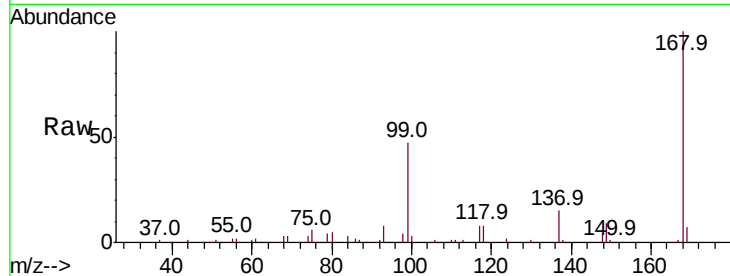
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 369653

Ion Ratio Lower Upper

168 100

99 47.4 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

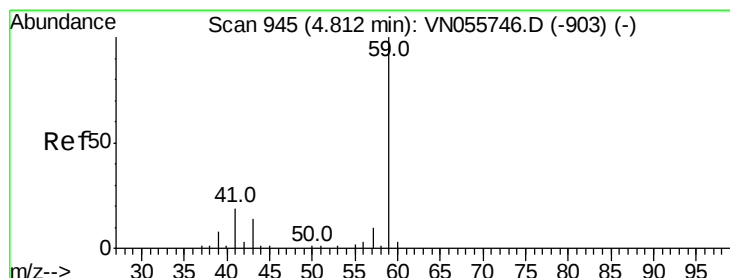
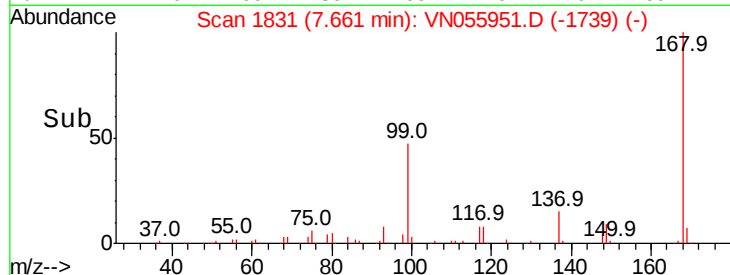
100000

50000

0

7.60 7.65 7.70 7.75 7.80

Time-->



#11

Tert butyl alcohol

Concen: 4.315 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.06 min

Lab File: VN055951.D

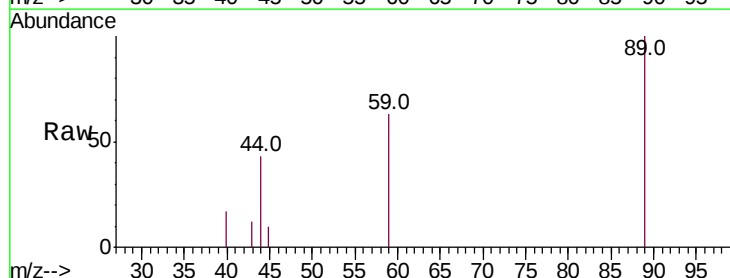
Acq: 3 Jun 2019 10:54

Tgt Ion: 59 Resp: 3147

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) (-)

4.75

1000

800

600

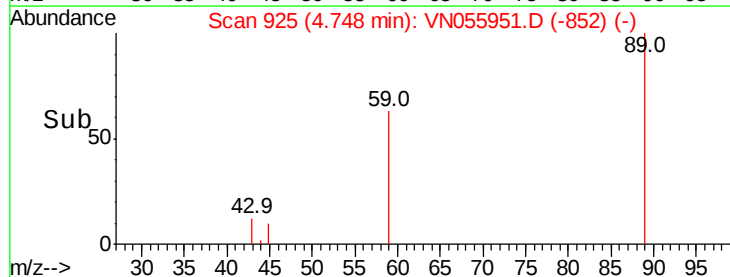
400

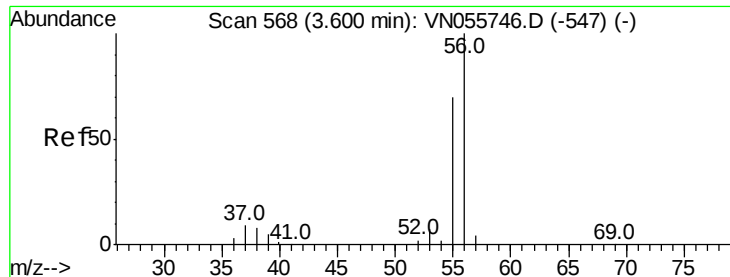
200

0

4.65 4.70 4.75 4.80

Time-->





#13

Acrolein

Concen: 0.391 ug/l

RT: 3.59 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

Instrument :

MSVOA_N

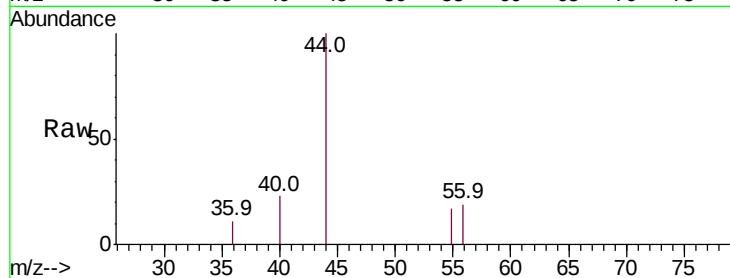
ClientSampleId :

Tot Ion: 56 Resp: 204

Ion Ratio Lower Upper

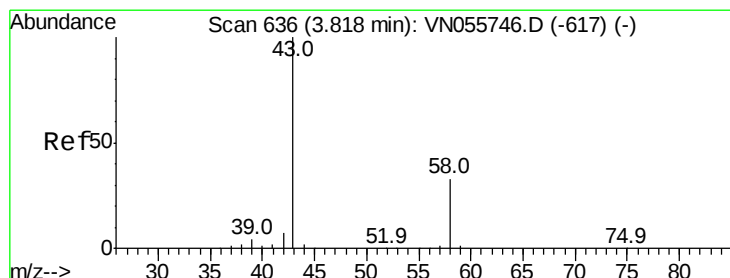
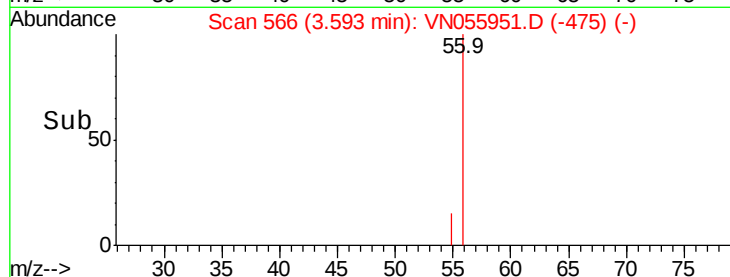
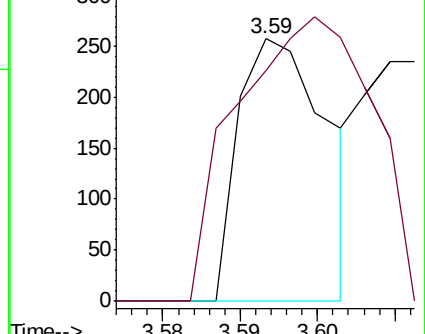
56 100

55 166.2 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 0.732 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055951.D

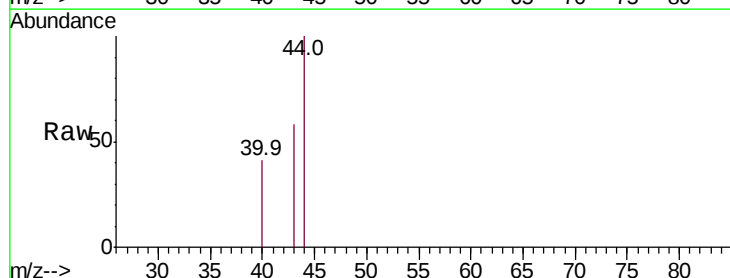
Acq: 3 Jun 2019 10:54

Tgt Ion: 43 Resp: 1229

Ion Ratio Lower Upper

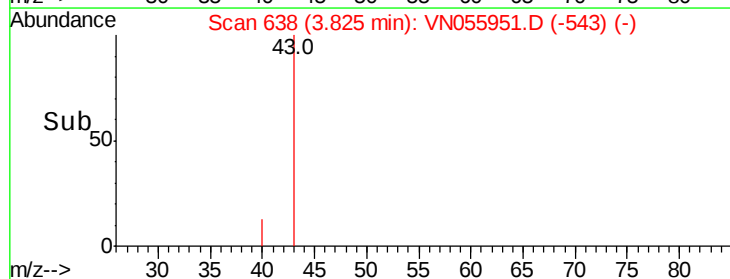
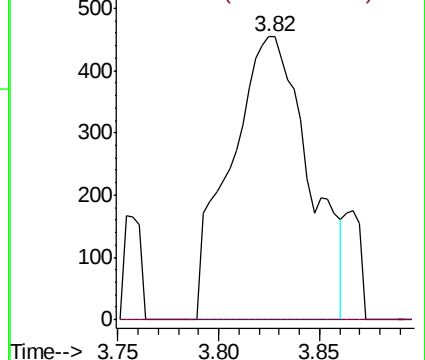
43 100

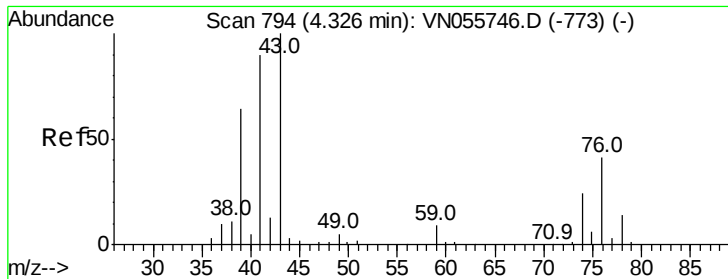
58 0.0 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

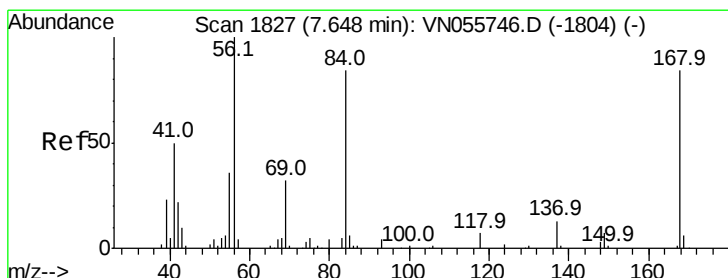
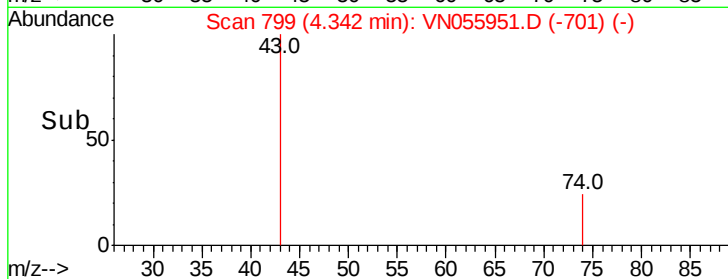
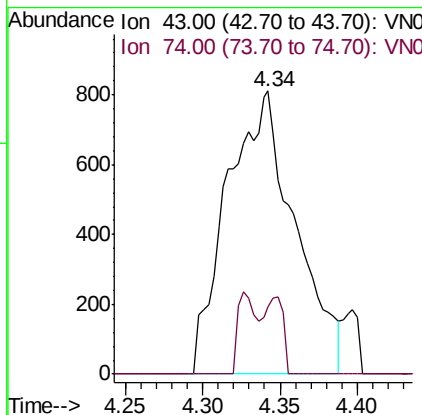
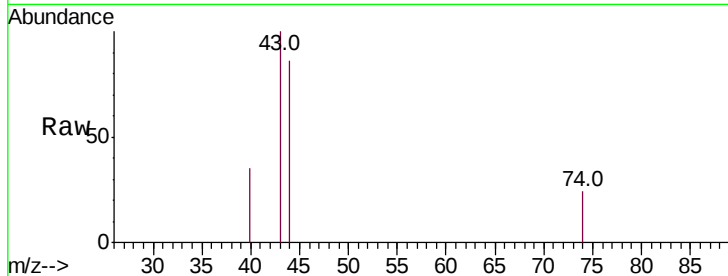




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN055951.D
Acq: 3 Jun 2019 10:54

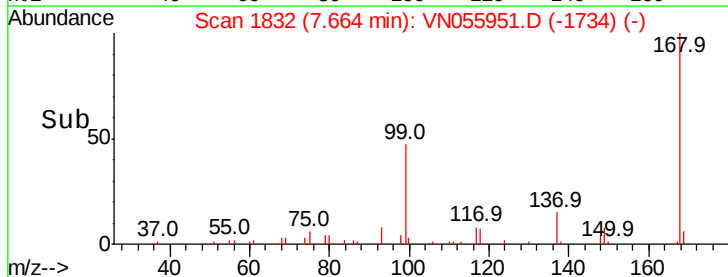
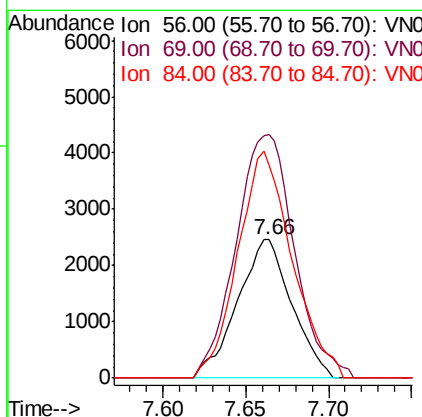
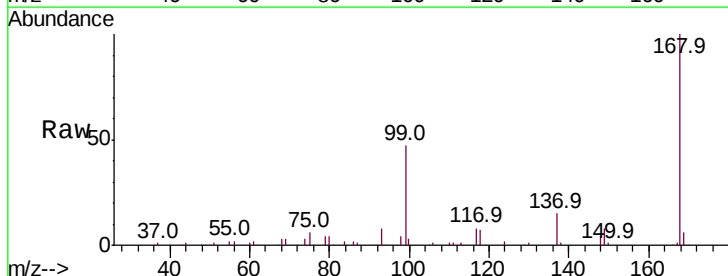
Instrument :
MSVOA_N
ClientSampleId :

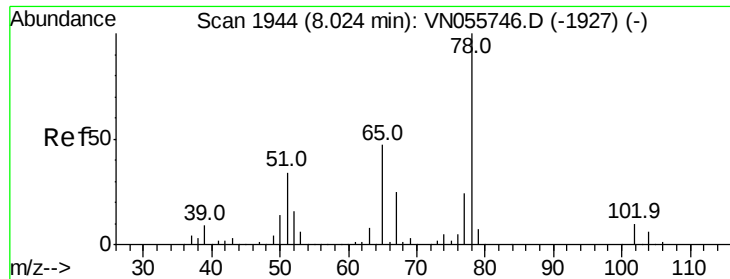
Tot Ion: 43 Resp: 2475
Ion Ratio Lower Upper
43 100
74 6.3 19.3 28.9#



#31
Cyclohexane
Concen: 0.978 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN055951.D
Acq: 3 Jun 2019 10:54

Tgt Ion: 56 Resp: 5602
Ion Ratio Lower Upper
56 100
69 175.8 25.6 38.4#
84 153.8 67.4 101.0#

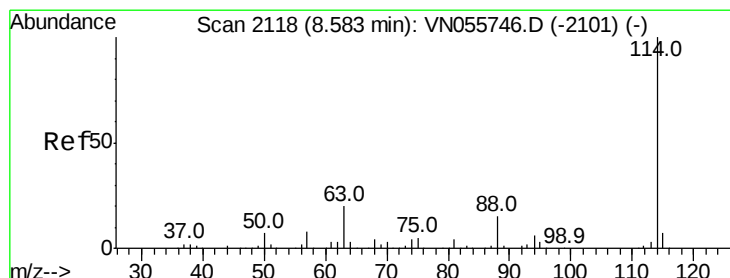
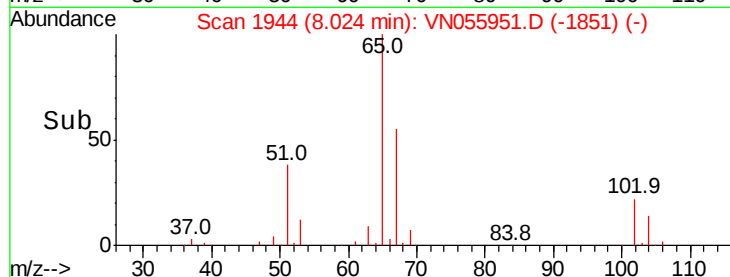
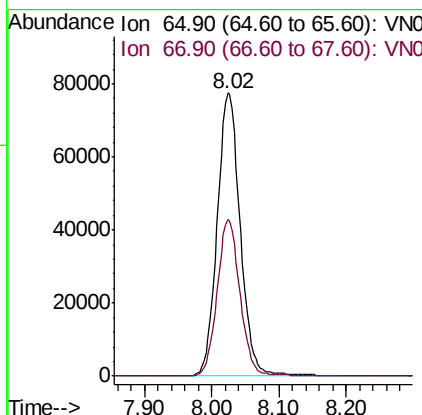
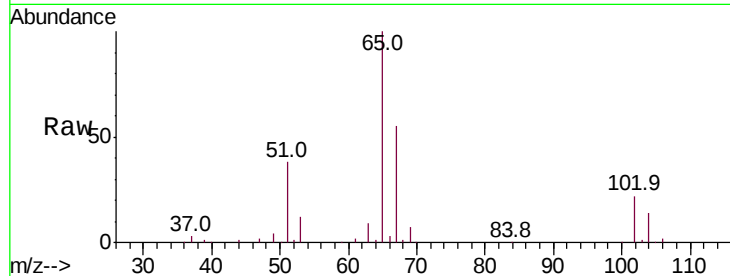




#33
 1,2-Dichloroethane-d4
 Concen: 48.575 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055951.D
 Acq: 3 Jun 2019 10:54

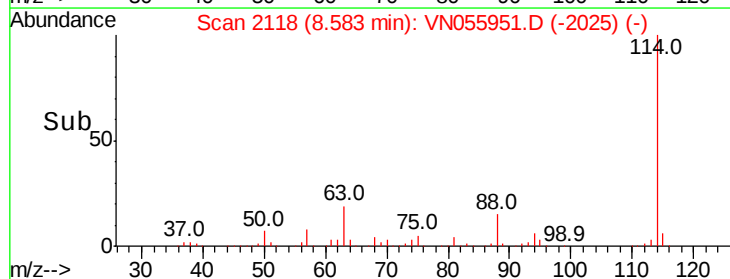
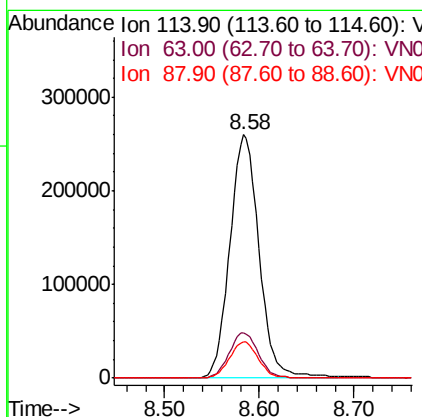
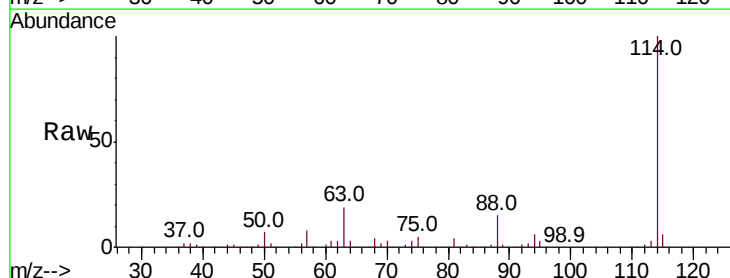
Instrument :
 MSVOA_N
 ClientSampled :

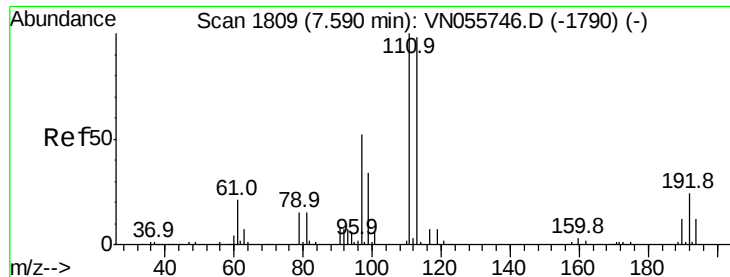
Tot Ion: 65 Resp: 185435
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055951.D
 Acq: 3 Jun 2019 10:54

Tgt Ion: 114 Resp: 558265
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.050 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

Instrument :
MSVOA_N
ClientSampleId :

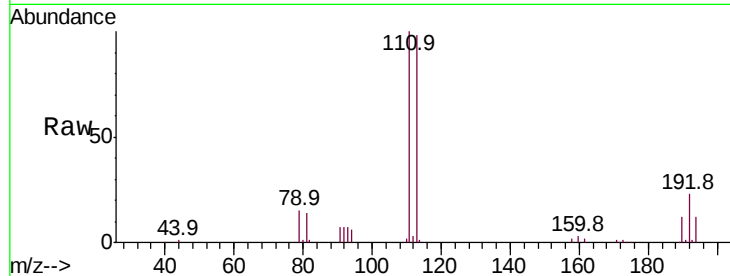
Tot Ion:113 Resp: 166066

Ion Ratio Lower Upper

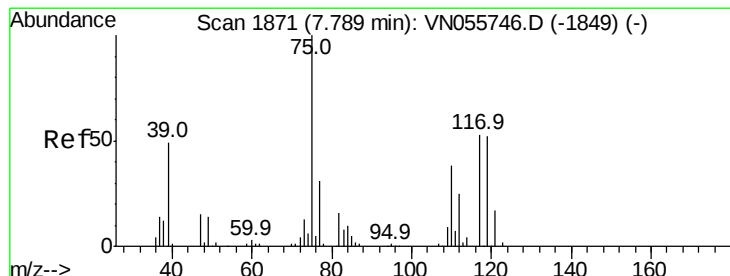
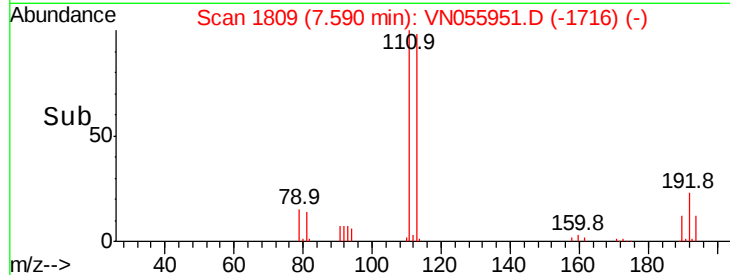
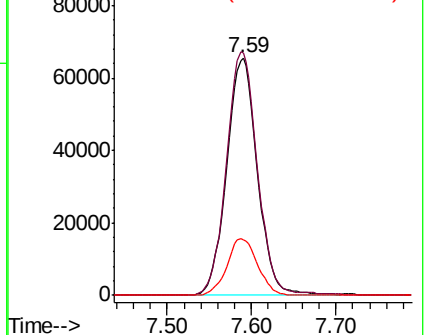
113 100

111 103.5 81.9 122.9

192 23.7 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: 4.809 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

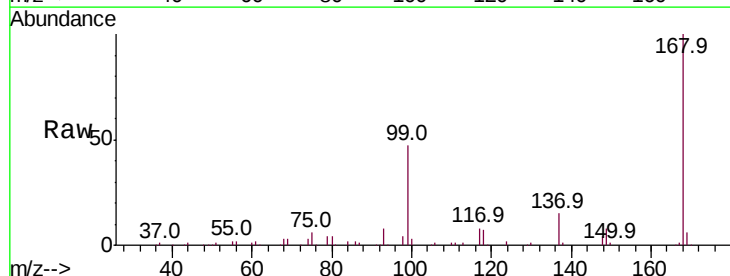
Tgt Ion: 75 Resp: 23397

Ion Ratio Lower Upper

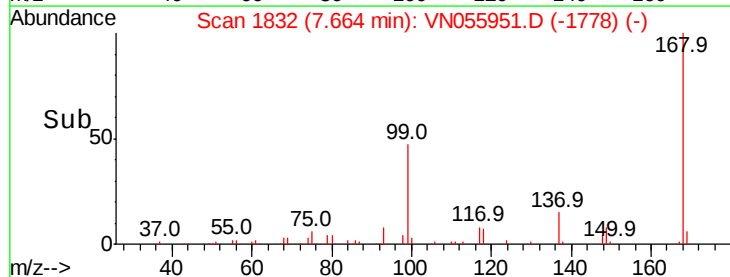
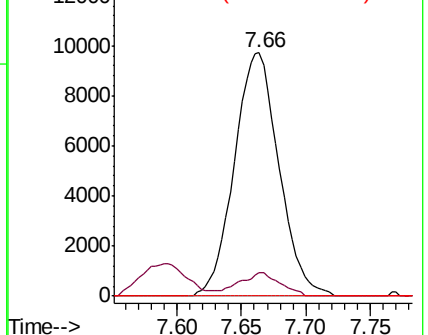
75 100

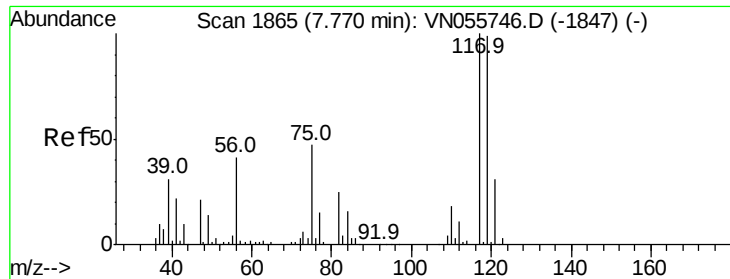
110 8.7 19.0 57.0#

77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

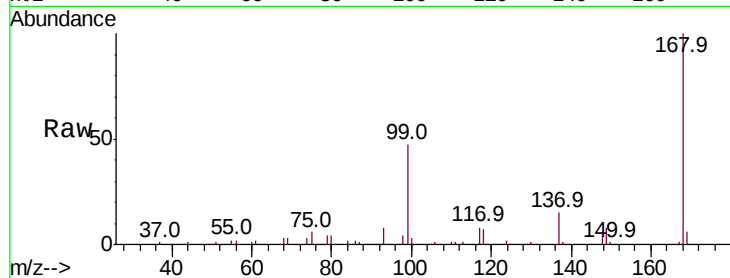




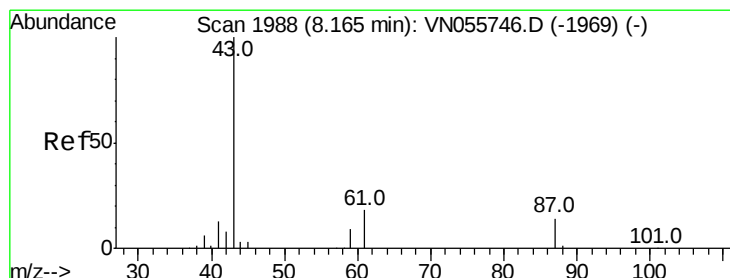
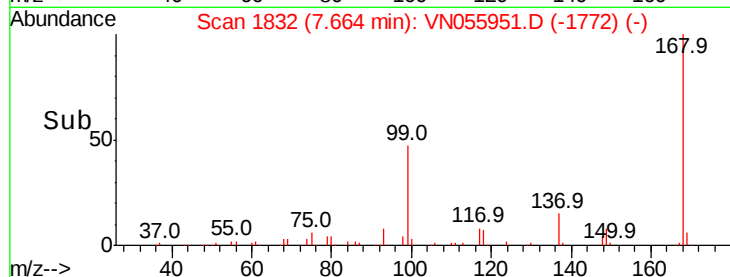
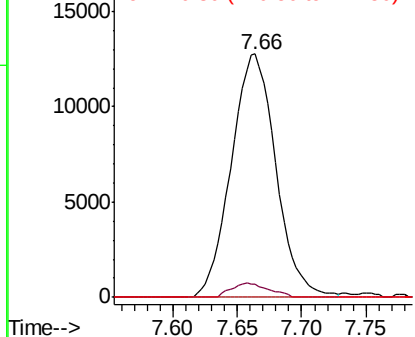
#38
Carbon Tetrachloride
Concen: 6.075 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055951.D
Acq: 3 Jun 2019 10:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 30785
Ion Ratio Lower Upper
117 100
119 5.2 79.0 118.6#
121 0.0 24.7 37.1#

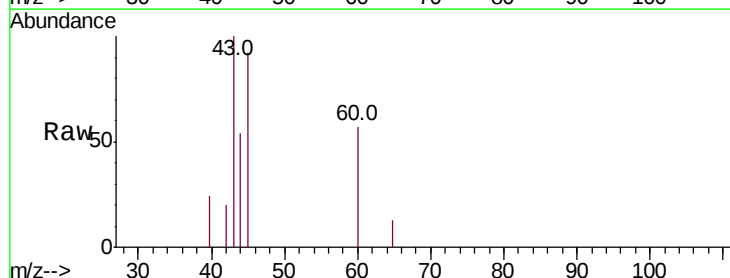


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

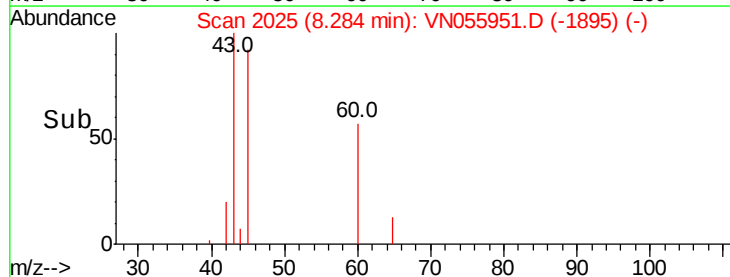
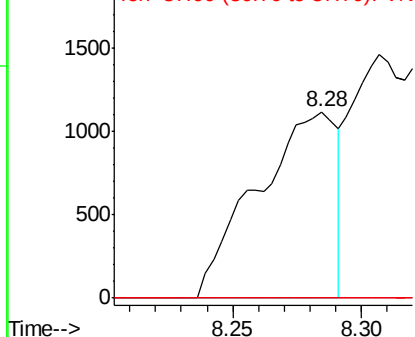


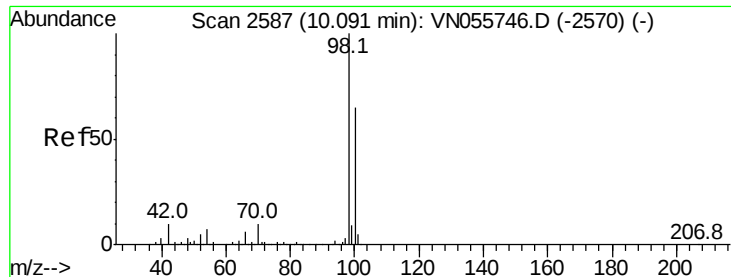
#43
Isopropyl Acetate
Concen: 0.305 ug/l
RT: 8.28 min Scan# 2025
Delta R.T. 0.12 min
Lab File: VN055951.D
Acq: 3 Jun 2019 10:54

Tgt Ion: 43 Resp: 2412
Ion Ratio Lower Upper
43 100
61 0.0 22.2 33.4#
87 0.0 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.115 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

Instrument :

MSVOA_N

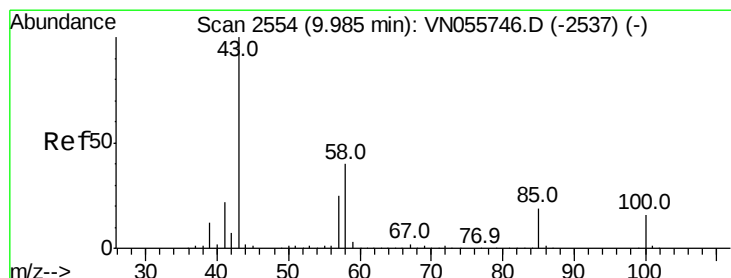
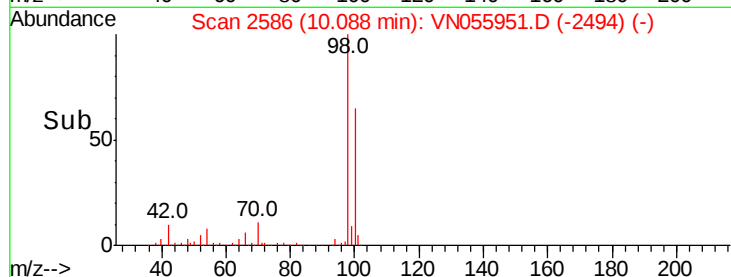
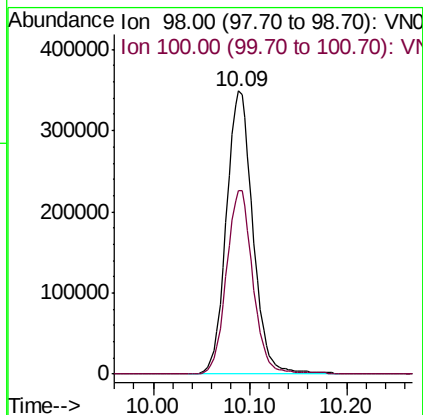
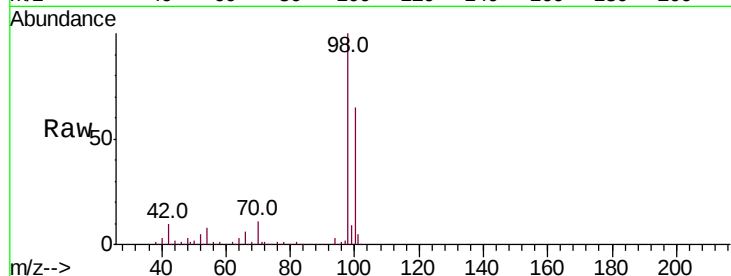
ClientSampled :

Tot Ion: 98 Resp: 664966

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.260 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055951.D

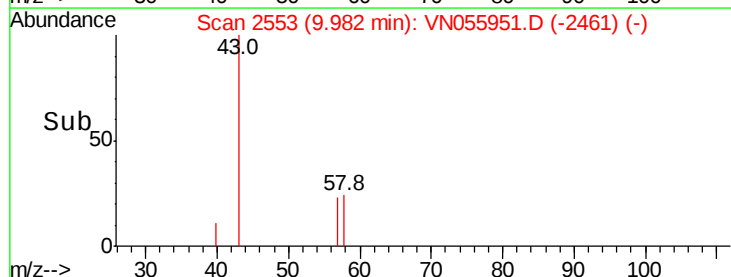
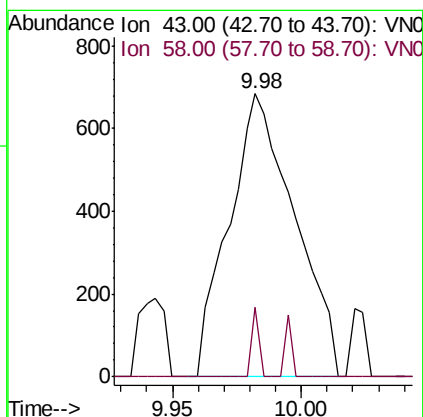
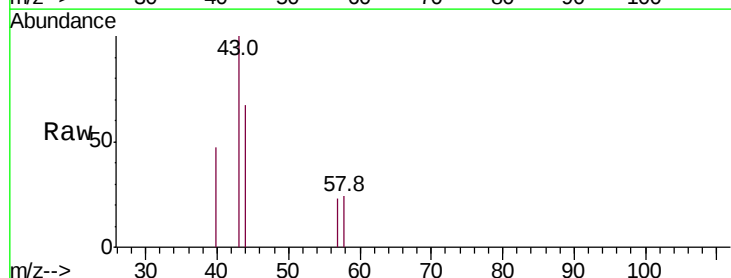
Acq: 3 Jun 2019 10:54

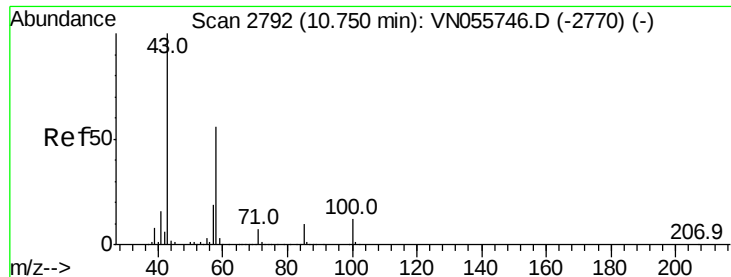
Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

43 100

58 0.0 32.1 48.1#

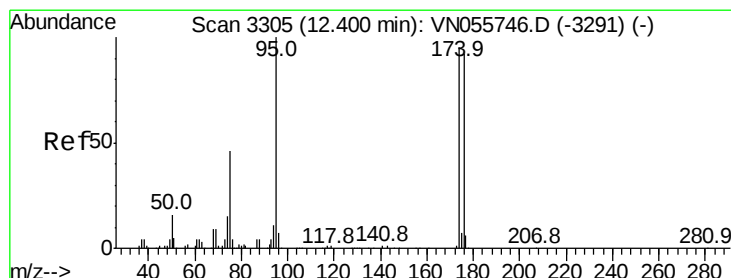
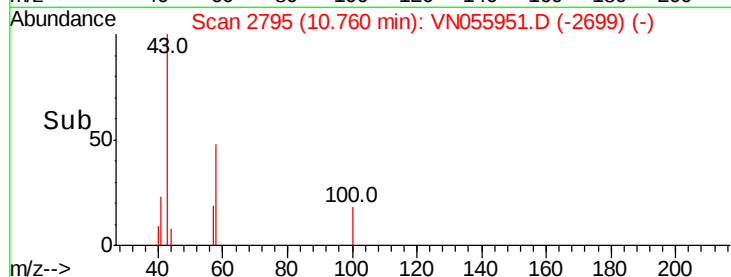
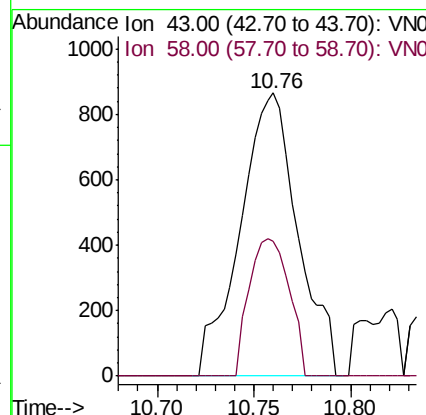
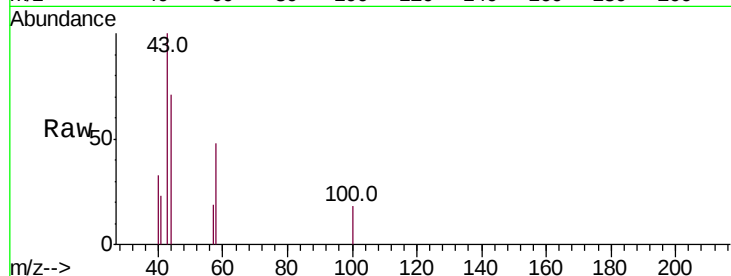




#59
2-Hexanone
Concen: 0.542 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN055951.D
Acq: 3 Jun 2019 10:54

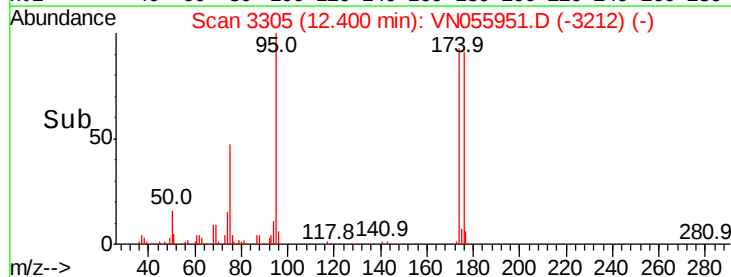
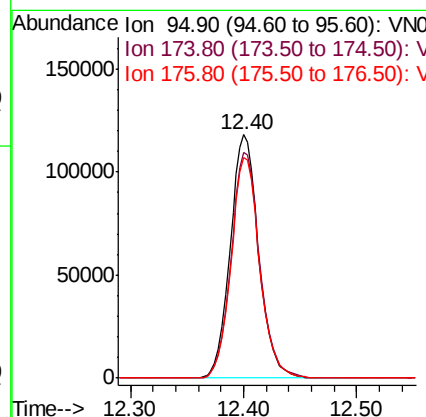
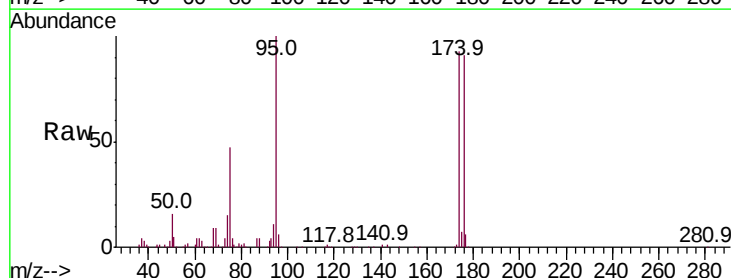
Instrument :
MSVOA_N
ClientSampleId :

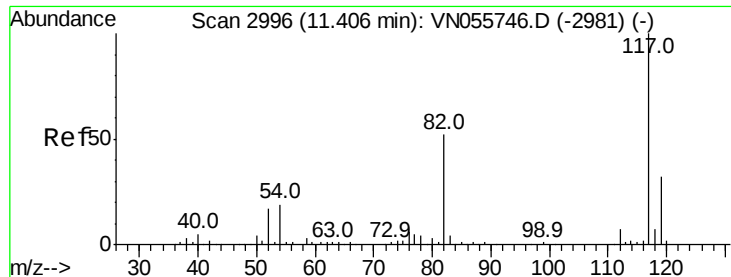
Tot Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
58 33.6 28.2 84.7



#62
4-Bromofluorobenzene
Concen: 44.395 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055951.D
Acq: 3 Jun 2019 10:54

Tgt Ion: 95 Resp: 206096
Ion Ratio Lower Upper
95 100
174 93.4 0.0 191.0
176 90.6 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

Instrument :

MSVOA_N

ClientSampled :

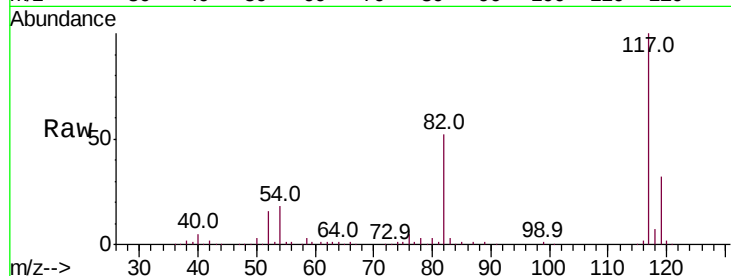
Tot Ion:117 Resp: 506071

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.8

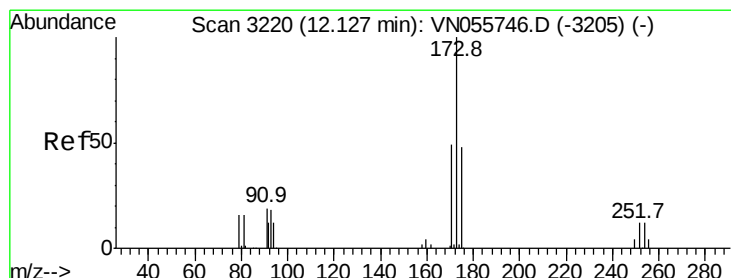
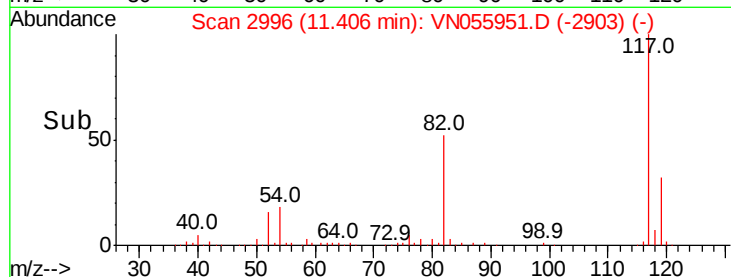
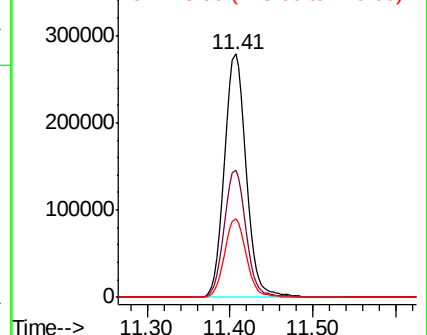
119 32.1 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 0.379 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

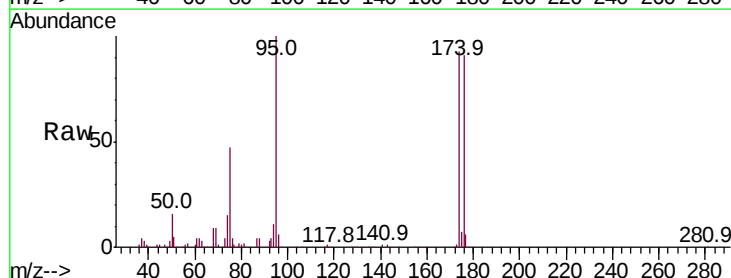
Tgt Ion:173 Resp: 1305

Ion Ratio Lower Upper

173 100

175 898.9 24.3 72.8#

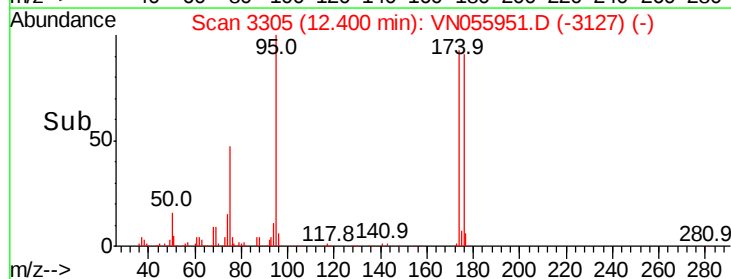
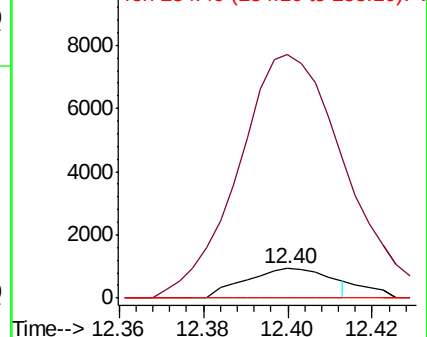
254 0.0 0.0 0.0

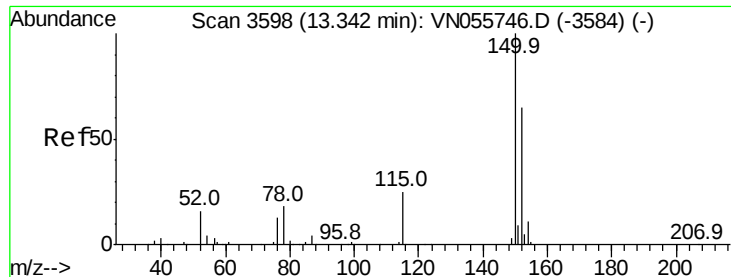


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



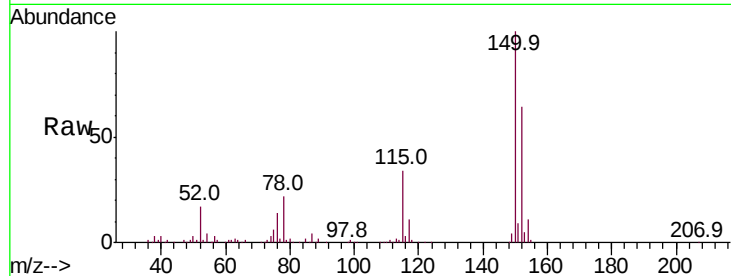


#72

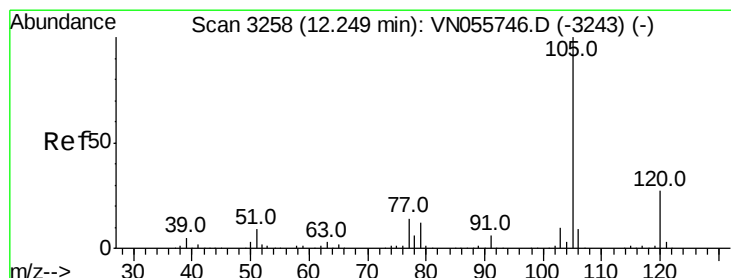
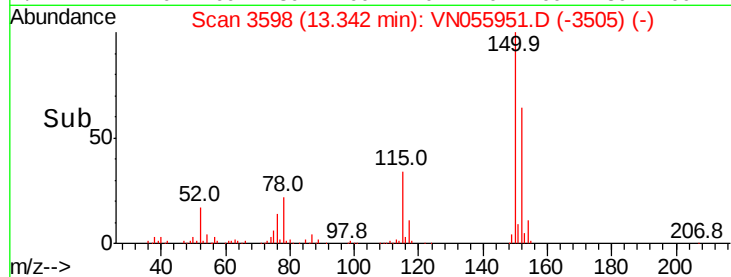
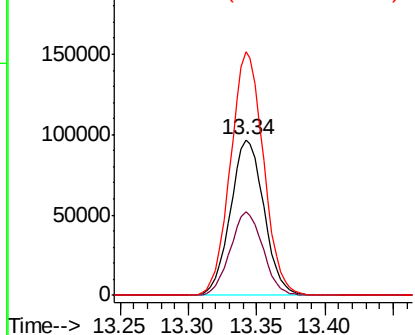
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055951.D
Acq: 3 Jun 2019 10:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 164742
Ion Ratio Lower Upper
152 100
115 52.6 27.0 81.0
150 154.6 0.0 343.2



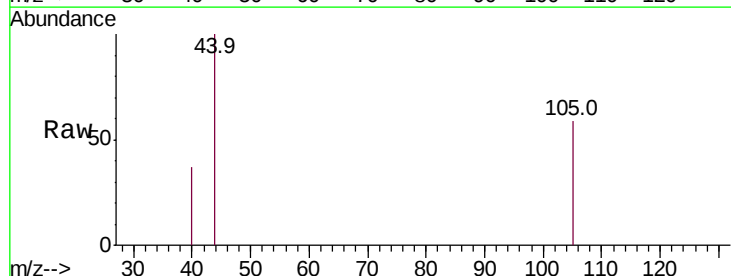
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



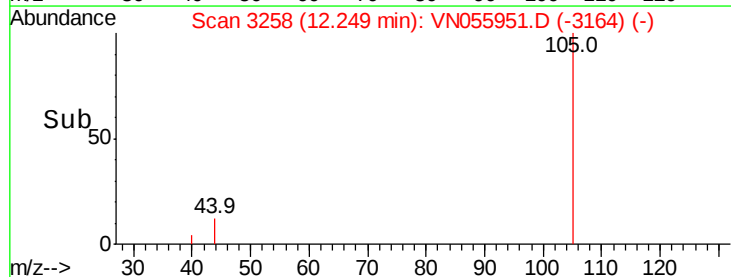
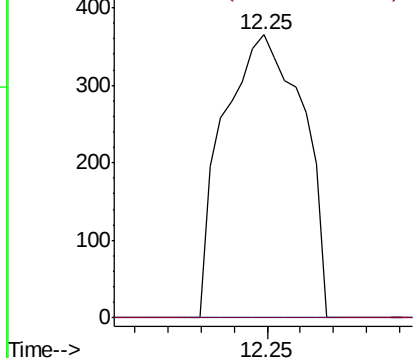
#73

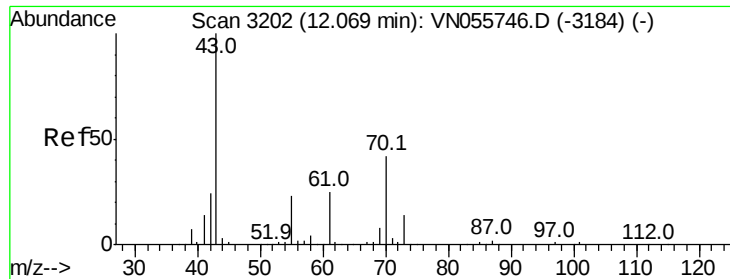
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055951.D
Acq: 3 Jun 2019 10:54

Tgt Ion:105 Resp: 608
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: Below Cal

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 807

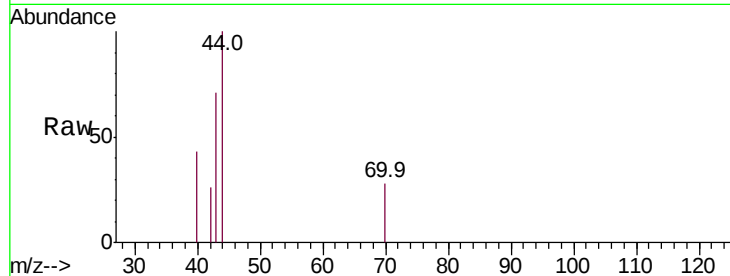
Ion Ratio Lower Upper

43 100

70 20.6 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#

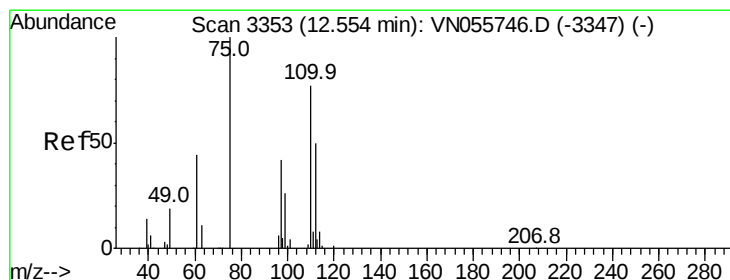
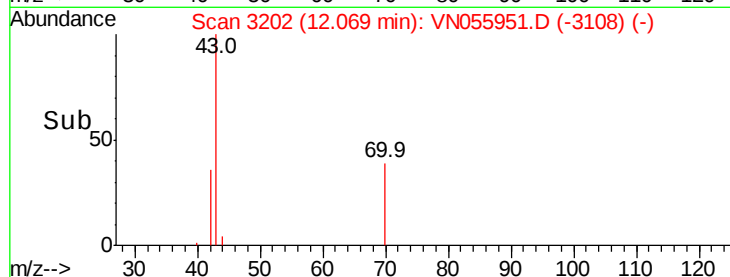
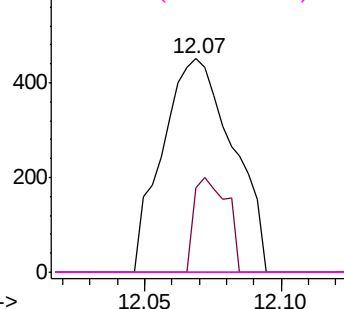


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 32.775 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055951.D

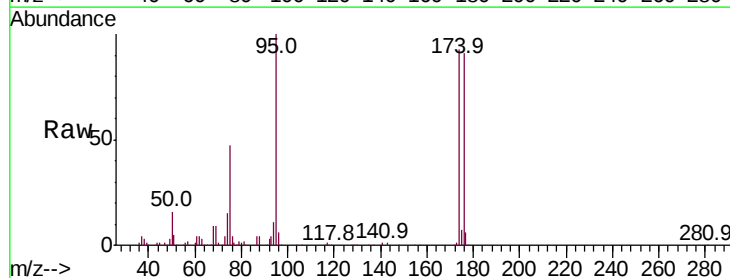
Acq: 3 Jun 2019 10:54

Tgt Ion: 75 Resp: 96050

Ion Ratio Lower Upper

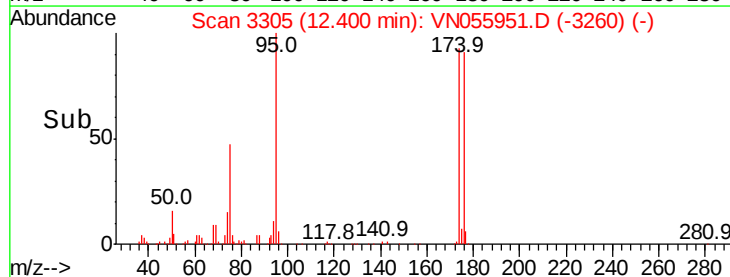
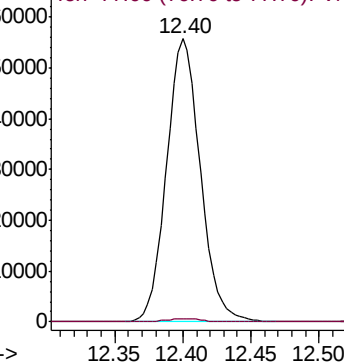
75 100

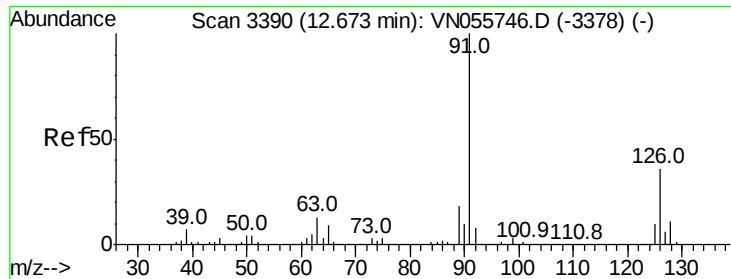
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

Instrument :

MSVOA_N

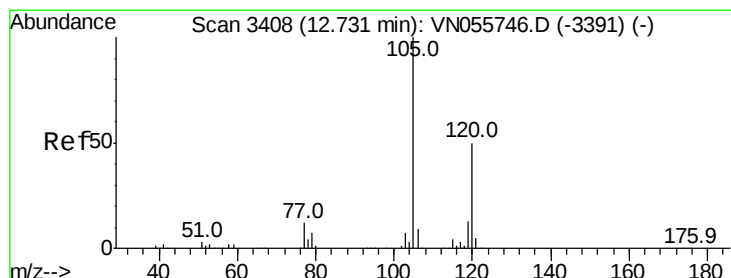
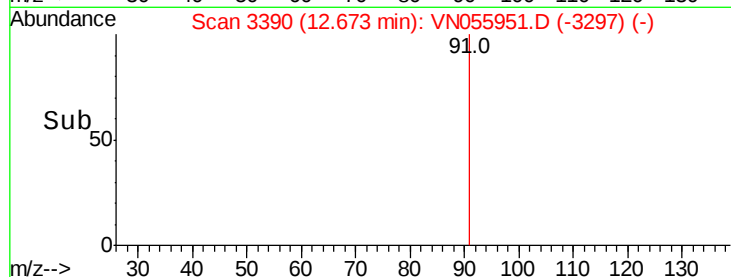
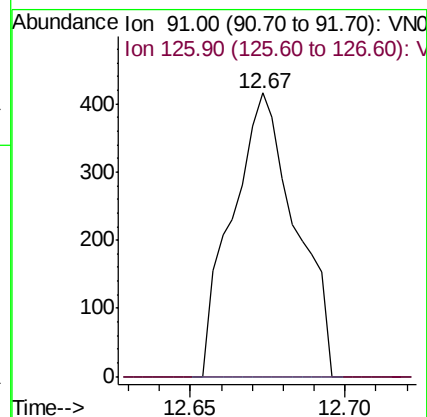
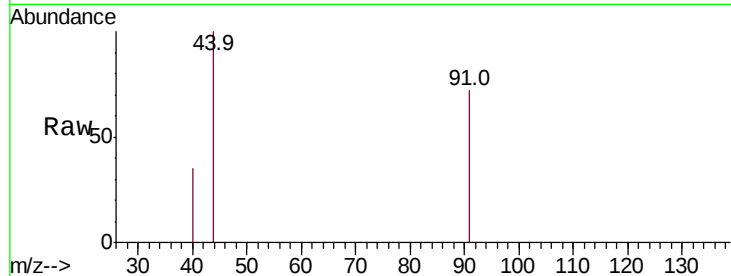
ClientSampleId :

Tot Ion: 91 Resp: 595

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055951.D

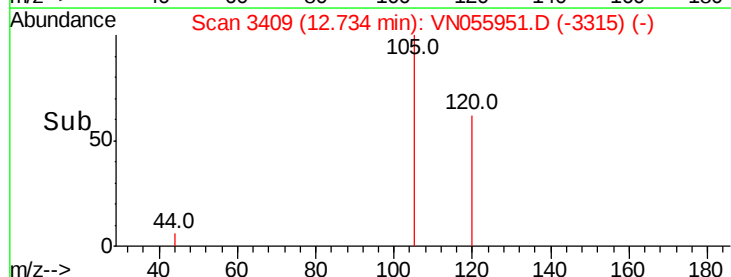
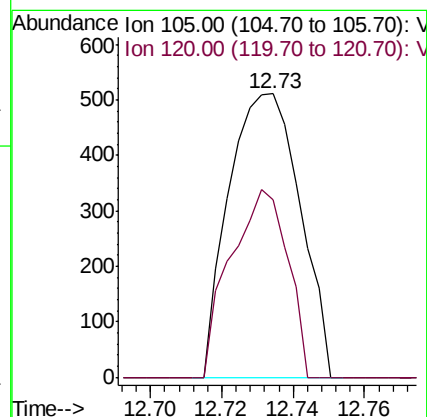
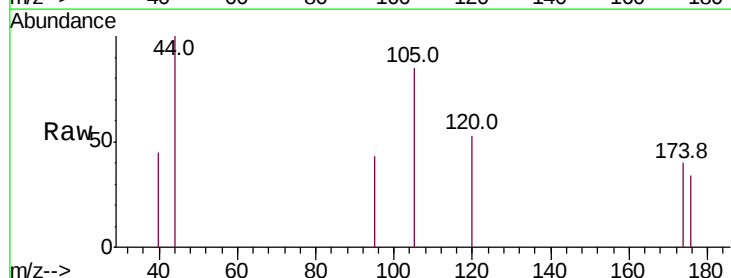
Acq: 3 Jun 2019 10:54

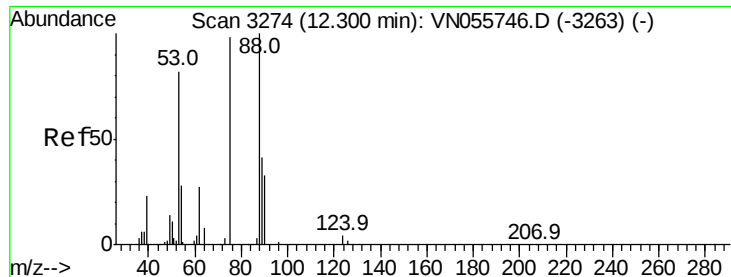
Tgt Ion:105 Resp: 704

Ion Ratio Lower Upper

105 100

120 53.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 78.446 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

Instrument :

MSVOA_N

ClientSampleId :

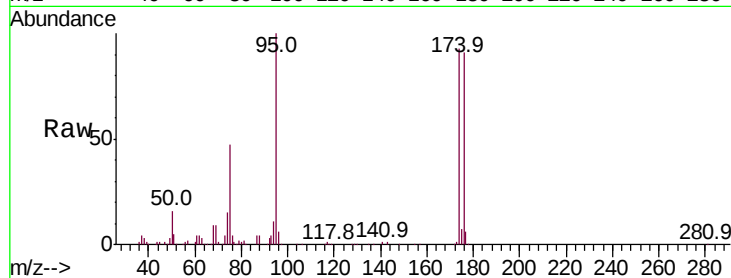
Tot Ion: 75 Resp: 96050

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

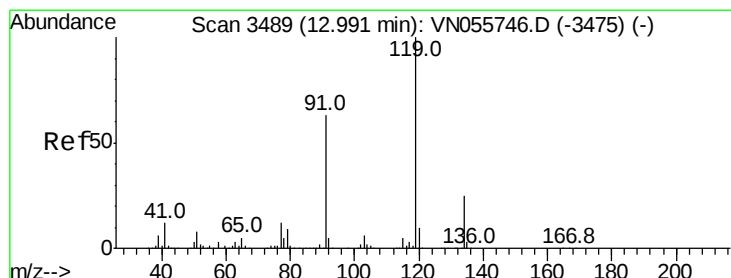
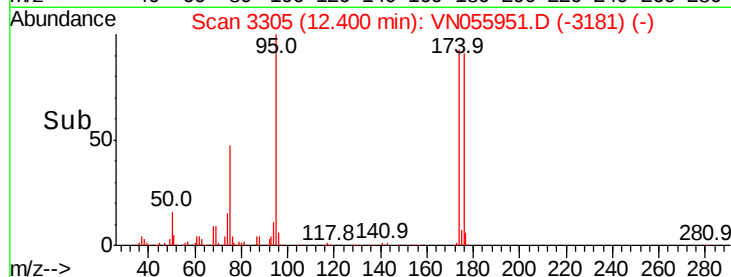
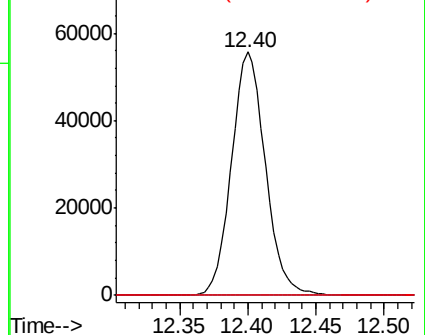
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055746.D (-3263) (-)

Ion 53.00 (52.70 to 53.70): VN055746.D (-3263) (-)

Ion 88.90 (88.60 to 89.60): VN055746.D (-3263) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

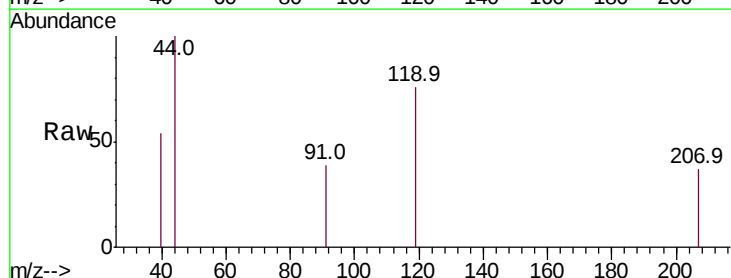
Tgt Ion: 119 Resp: 614

Ion Ratio Lower Upper

119 100

91 57.3 30.9 92.8

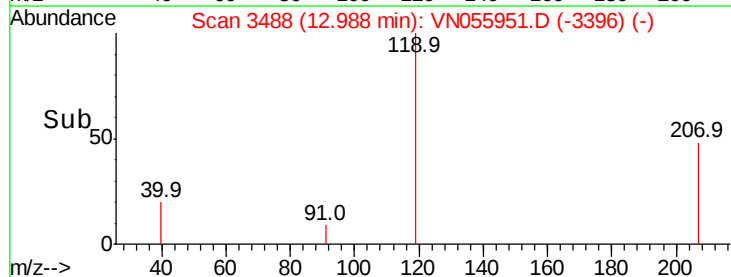
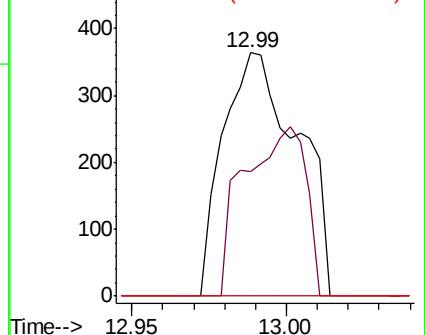
134 0.0 13.3 39.8#

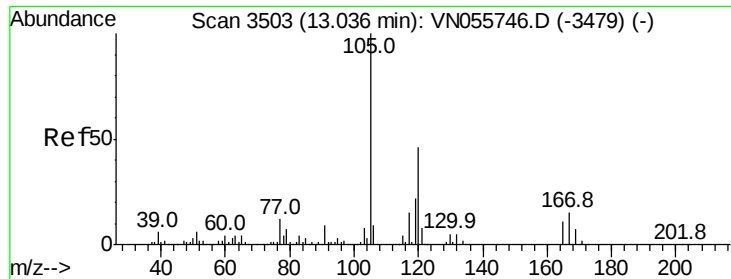


Abundance Ion 119.00 (118.70 to 119.70): VN055746.D (-3475) (-)

Ion 91.00 (90.70 to 91.70): VN055746.D (-3475) (-)

Ion 134.00 (133.70 to 134.70): VN055746.D (-3475) (-)

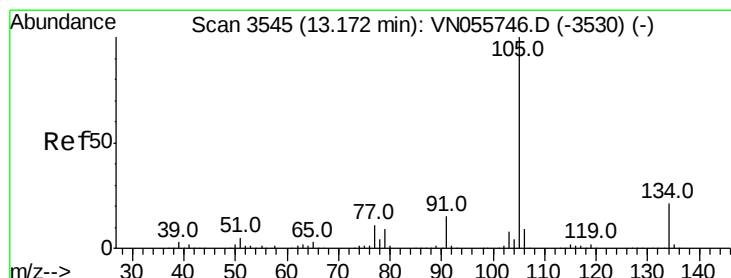
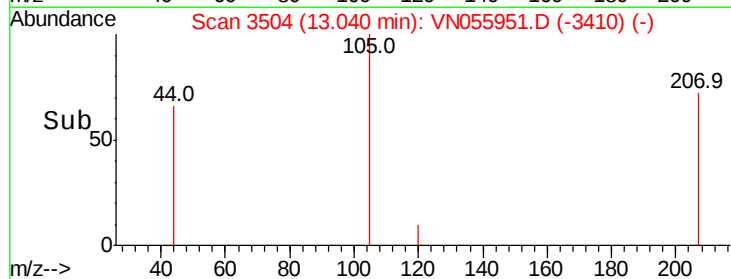
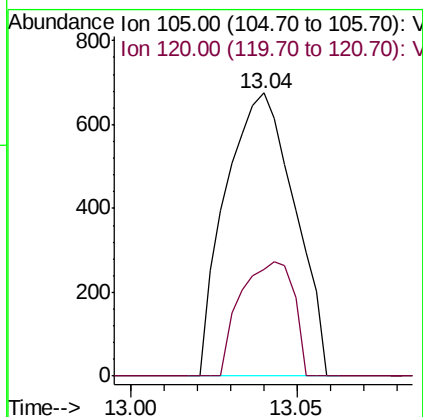
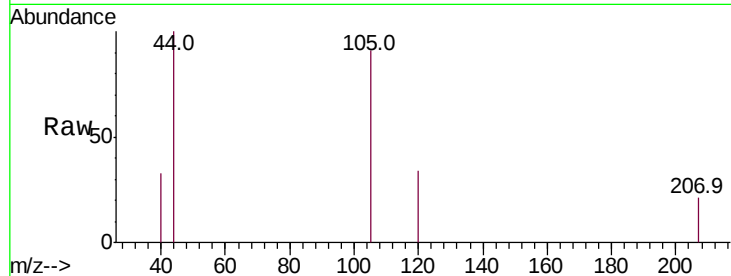




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055951.D
 Acq: 3 Jun 2019 10:54

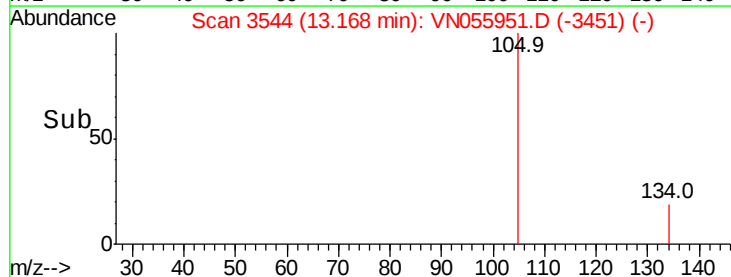
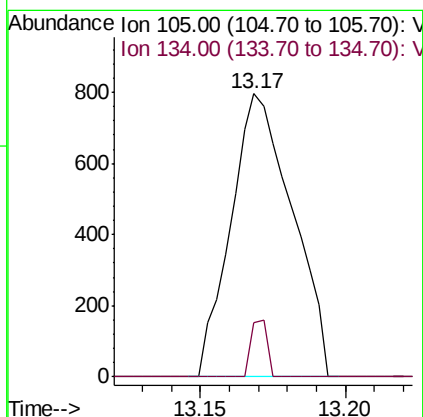
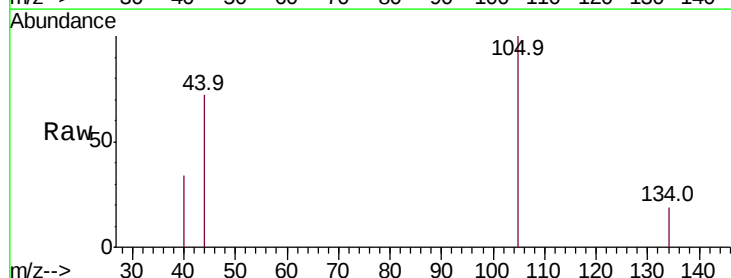
Instrument :
 MSVOA_N
 ClientSampleId :

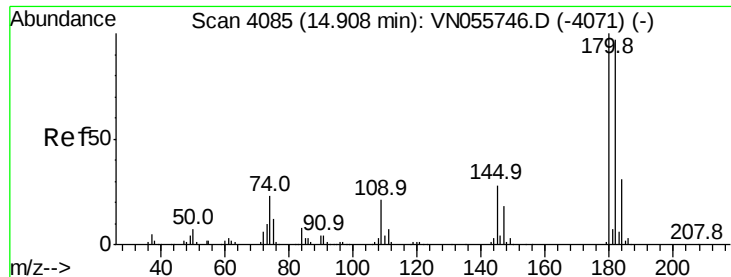
Tot Ion:105 Resp: 978
 Ion Ratio Lower Upper
 105 100
 120 31.1 23.0 69.0



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN055951.D
 Acq: 3 Jun 2019 10:54

Tgt Ion:105 Resp: 1172
 Ion Ratio Lower Upper
 105 100
 134 5.1 10.4 31.2#

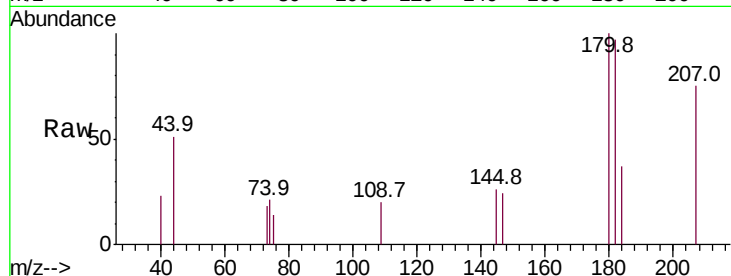




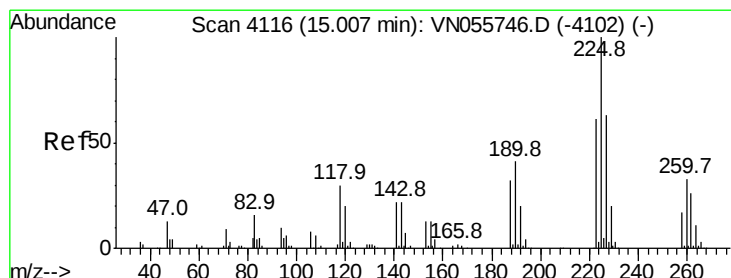
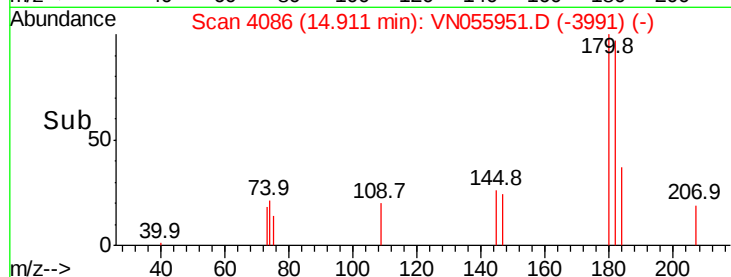
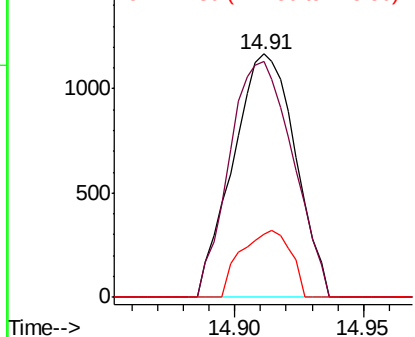
#93
 1,2,4-Trichlorobenzene
 Concen: 4.207 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055951.D
 Acq: 3 Jun 2019 10:54

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 1965
 Ion Ratio Lower Upper
 180 100
 182 98.5 48.3 144.9
 145 21.8 14.0 41.9

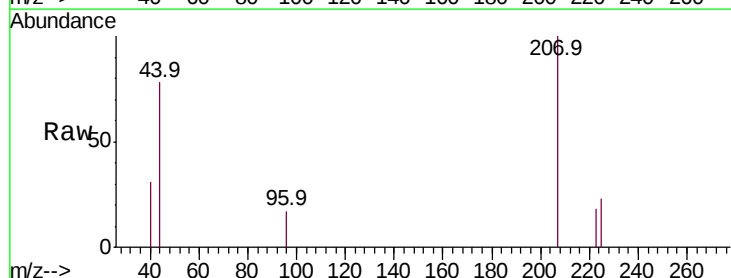


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

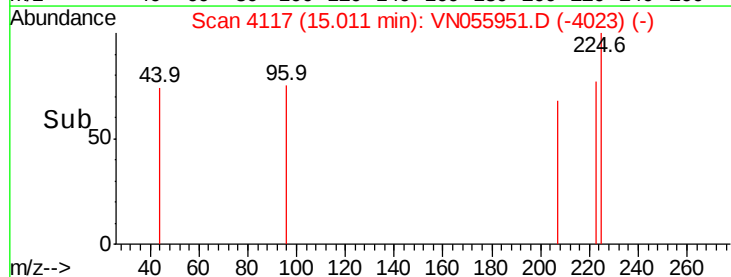
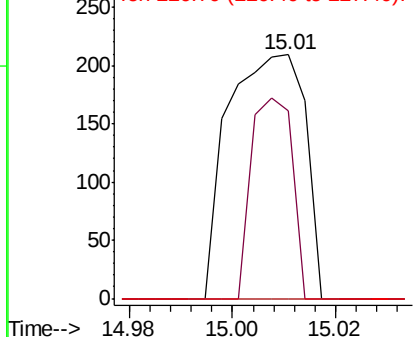


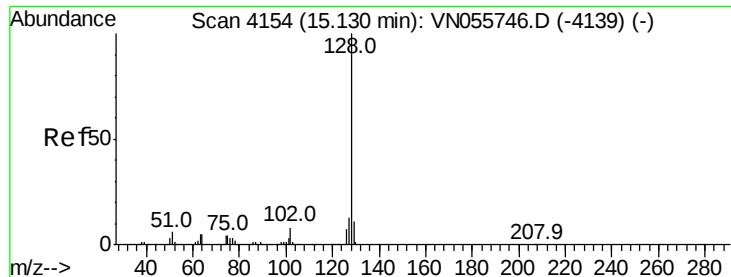
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055951.D
 Acq: 3 Jun 2019 10:54

Tgt Ion:225 Resp: 216
 Ion Ratio Lower Upper
 225 100
 223 44.0 30.9 92.7
 227 0.0 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: 0.651 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

Instrument :

MSVOA_N

ClientSampleId :

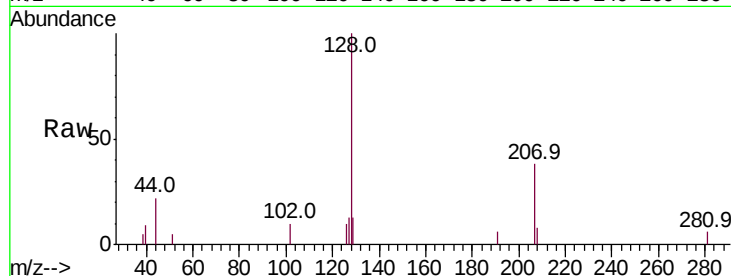
Tot Ion:128 Resp: 4963

Ion Ratio Lower Upper

128 100

127 11.4 10.3 15.5

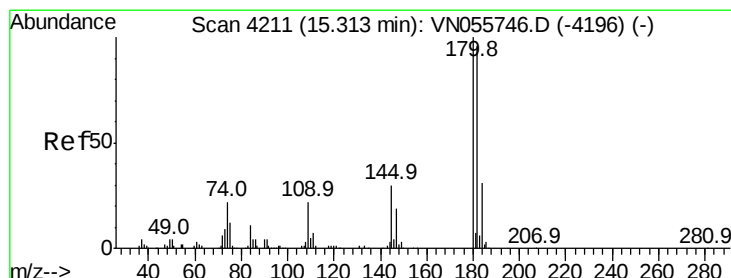
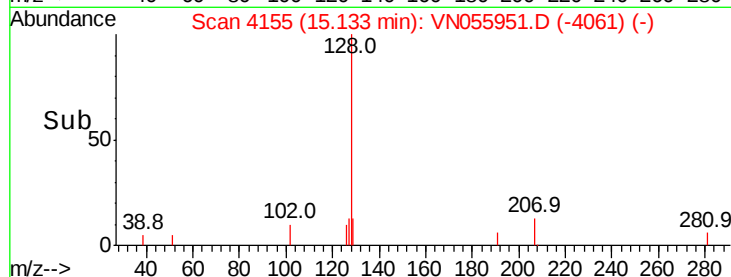
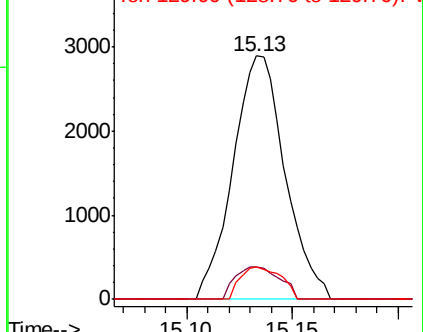
129 10.3 8.7 13.1



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: 0.903 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055951.D

Acq: 3 Jun 2019 10:54

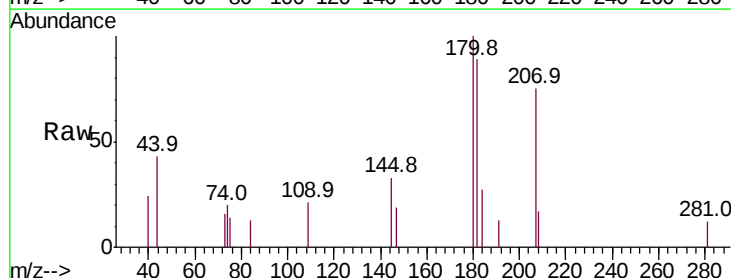
Tgt Ion:180 Resp: 2651

Ion Ratio Lower Upper

180 100

182 93.7 47.9 143.7

145 24.7 14.9 44.7



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

