

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055959.D
 Acq On : 3 Jun 2019 14:15
 Operator : JC/SP
 Sample : K3125-14 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 16:23:13 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

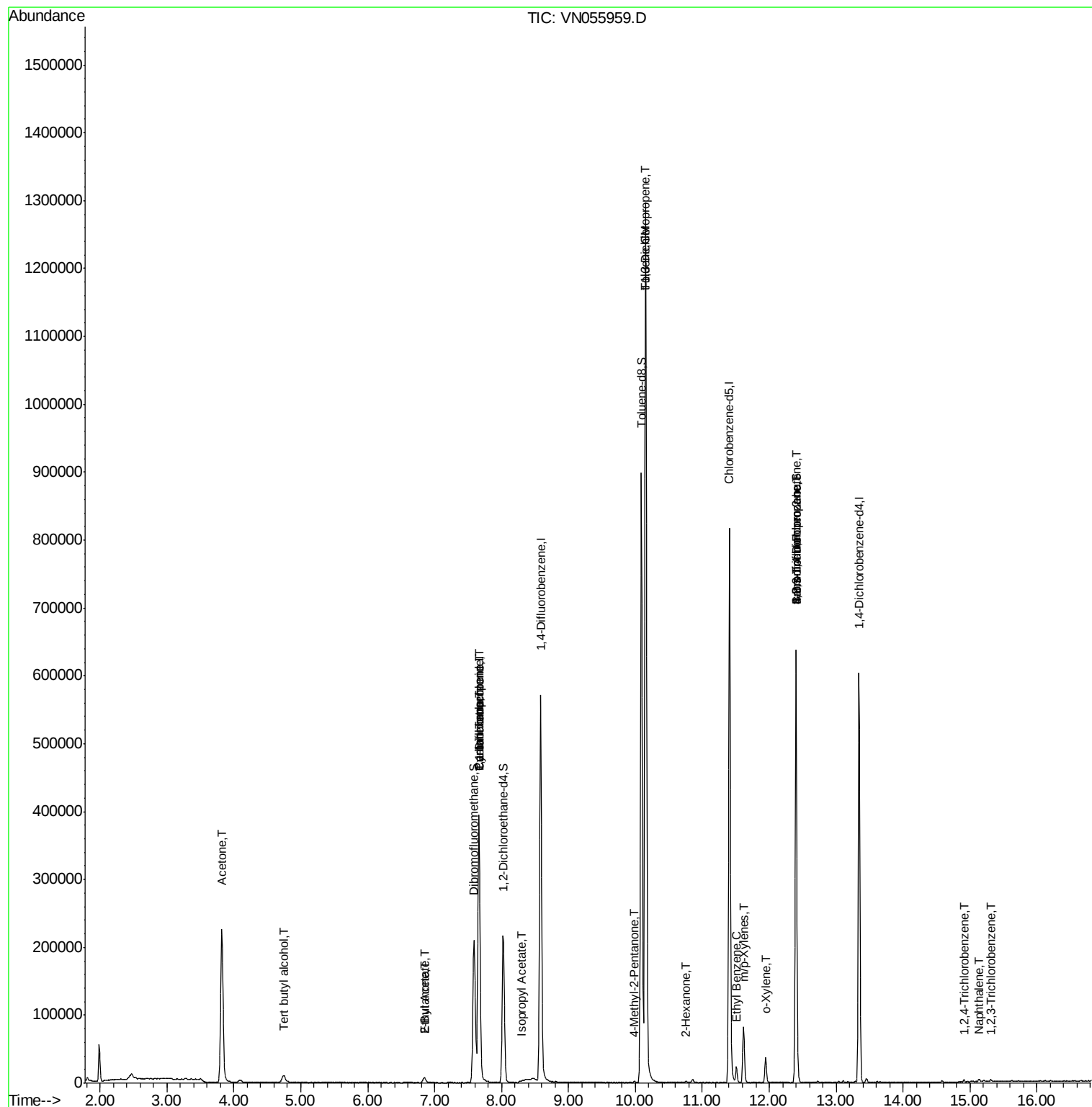
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	373421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	562580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	525334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	185420	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	7.59	113	162734	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
50) Toluene-d8	10.09	98	675871	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.40	95	221343	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.75	59	10544	14.310	ug/l #	74
16) Acetone	3.82	43	375618	221.579	ug/l	99
18) Methyl Acetate	4.33	43	3133	Below Cal	#	63
25) 2-Butanone	6.86	43	5893	2.489	ug/l	97
31) Cyclohexane	7.66	56	5409	0.934	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22464	4.582	ug/l #	48
37) Ethyl Acetate	6.86	43	5893	1.244	ug/l #	67
38) Carbon Tetrachloride	7.66	117	30591	5.990	ug/l #	16
43) Isopropyl Acetate	8.30	43	2825	0.355	ug/l #	53
51) 4-Methyl-2-Pentanone	9.98	43	2177	0.463	ug/l #	85
52) Toluene	10.15	92	616392	66.330	ug/l	99
53) t-1,3-Dichloropropene	10.16	75	5877	1.064	ug/l #	1
59) 2-Hexanone	10.76	43	2002	0.600	ug/l	77
67) Ethyl Benzene	11.51	91	17503	0.928	ug/l #	88
68) m/p-Xylenes	11.62	106	28304	3.970	ug/l	100
69) o-Xylene	11.95	106	10746	1.519	ug/l	98
71) Bromoform	12.40	173	1569	0.439	ug/l #	1
73) Isopropylbenzene	12.25	105	913	Below Cal		85
74) N-amyl acetate	12.07	43	1002	Below Cal	#	52
76) 1,2,3-Trichloropropane	12.40	75	102775	31.340	ug/l #	100
79) 2-Chlorotoluene	12.77	91	818	Below Cal		79
80) 1,3,5-Trimethylbenzene	12.73	105	974	Below Cal		80
81) trans-1,4-Dichloro-2-buten	12.40	75	102775	75.332	ug/l #	15
83) tert-Butylbenzene	12.99	119	520	Below Cal	#	78
84) 1,2,4-Trimethylbenzene	13.04	105	1494	Below Cal		98
85) sec-Butylbenzene	13.17	105	1132	Below Cal	#	75
93) 1,2,4-Trichlorobenzene	14.91	180	1293	3.974	ug/l	96
94) Hexachlorobutadiene	15.01	225	427	Below Cal		96
95) Naphthalene	15.13	128	4508	0.531	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.31	180	1523	0.466	ug/l	89

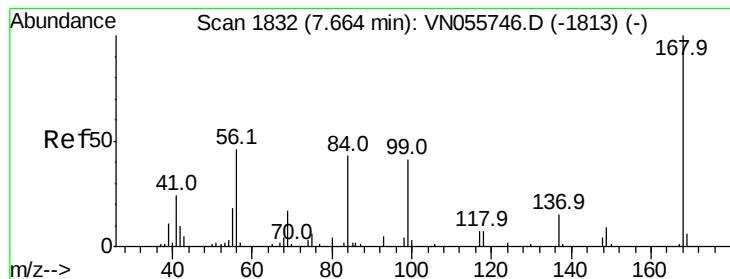
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055959.D

Acq: 3 Jun 2019 14:15

Instrument :

MSVOA_N

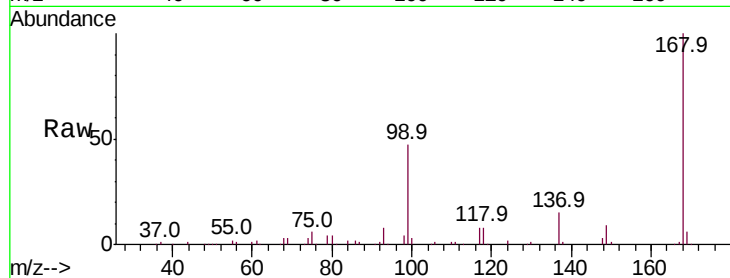
ClientSampled :

Tot Ion:168 Resp: 373421

Ion Ratio Lower Upper

168 100

99 47.1 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

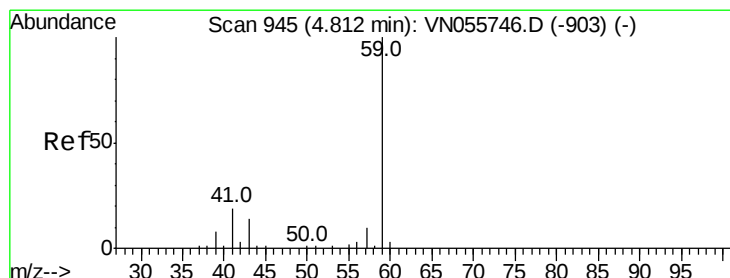
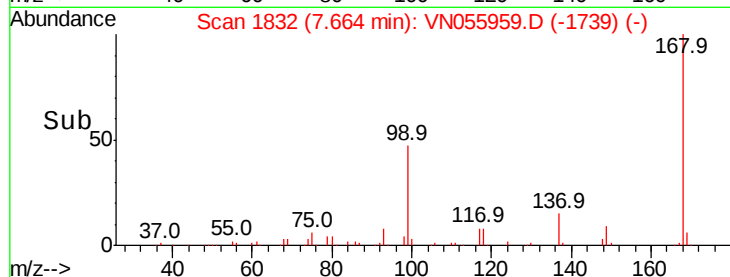
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 14.310 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.06 min

Lab File: VN055959.D

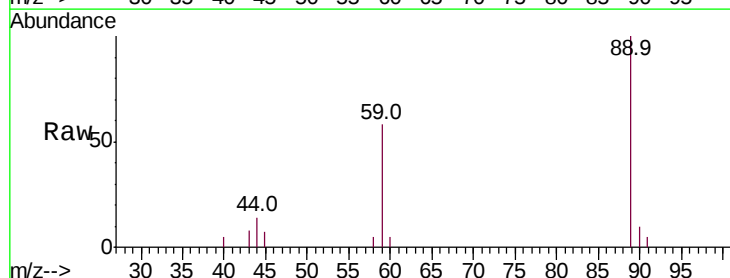
Acq: 3 Jun 2019 14:15

Tgt Ion: 59 Resp: 10544

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

3000

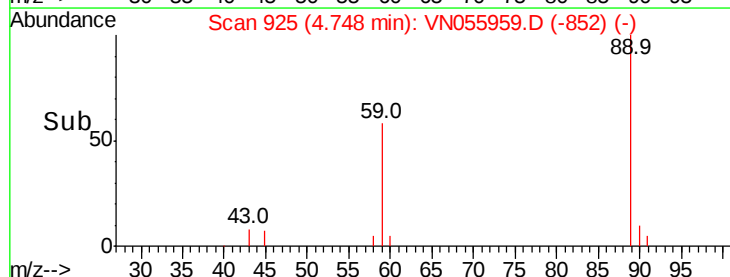
2000

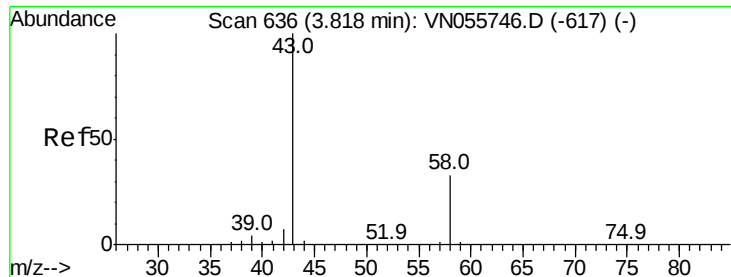
1000

0

4.65 4.70 4.75 4.80

Time-->





#16

Acetone

Concen: 221.579 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055959.D

Acq: 3 Jun 2019 14:15

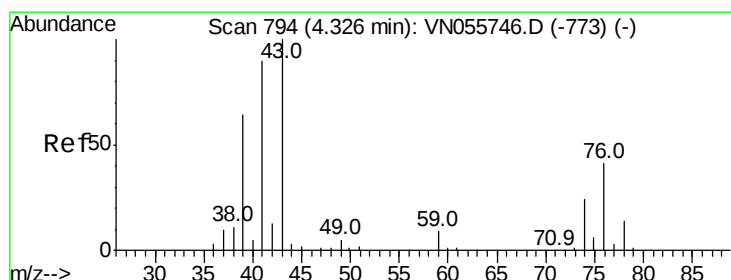
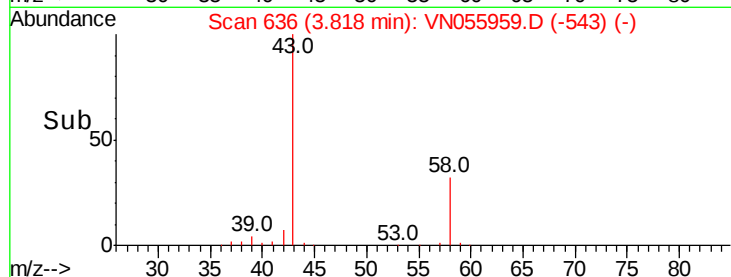
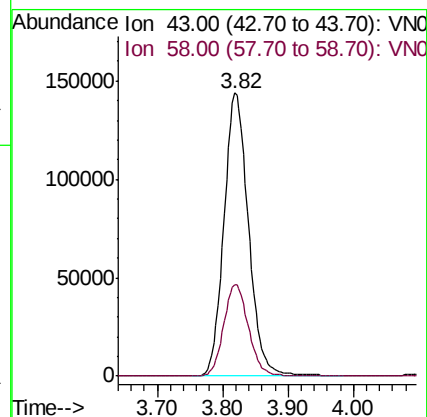
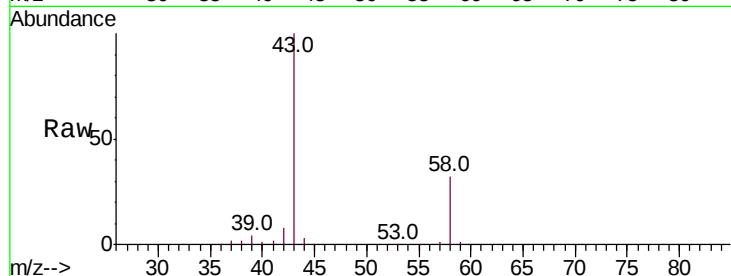
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 375618

Ion Ratio Lower Upper

43 100

58 32.4 26.6 39.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055959.D

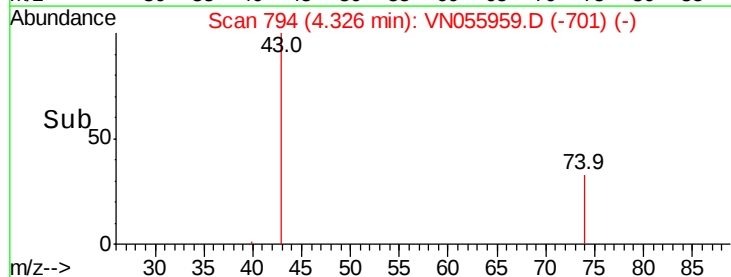
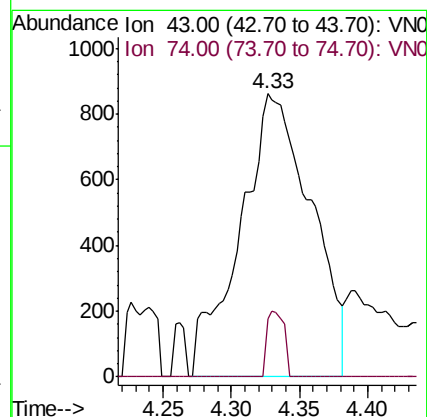
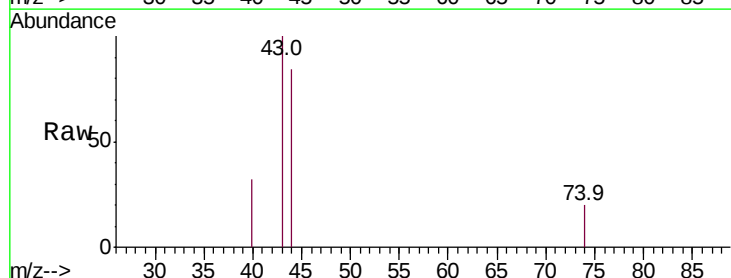
Acq: 3 Jun 2019 14:15

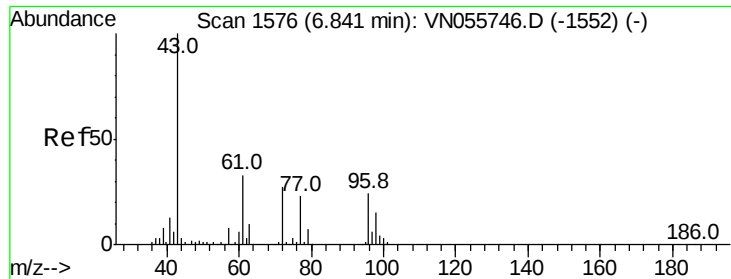
Tgt Ion: 43 Resp: 3133

Ion Ratio Lower Upper

43 100

74 5.6 19.3 28.9#





#25

2-Butanone

Concen: 2.489 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.02 min

Lab File: VN055959.D

Acq: 3 Jun 2019 14:15

Instrument :

MSVOA_N

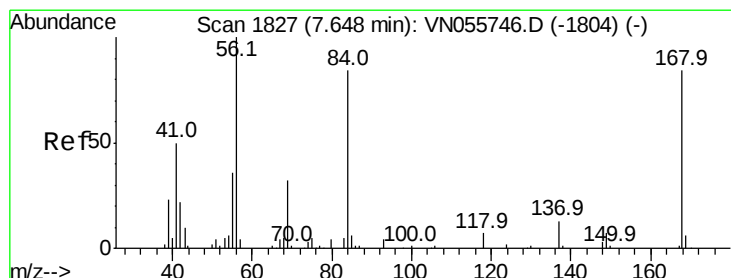
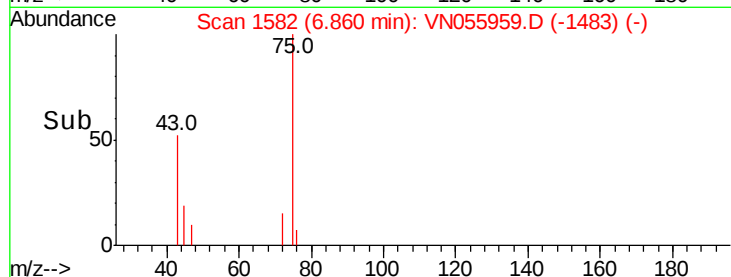
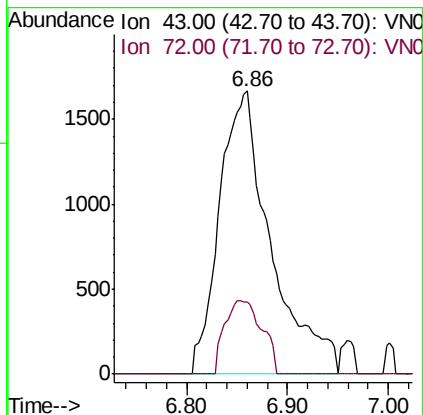
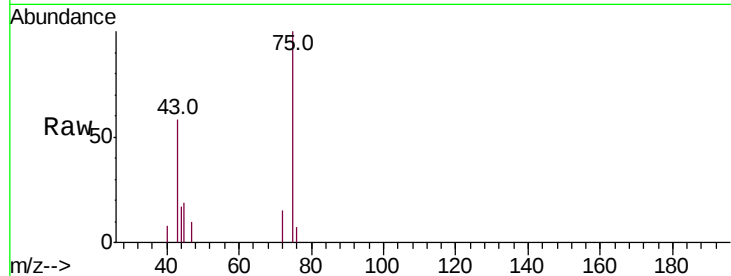
ClientSampleId :

Tot Ion: 43 Resp: 5893

Ion Ratio Lower Upper

43 100

72 25.6 21.9 32.9



#31

Cyclohexane

Concen: 0.934 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN055959.D

Acq: 3 Jun 2019 14:15

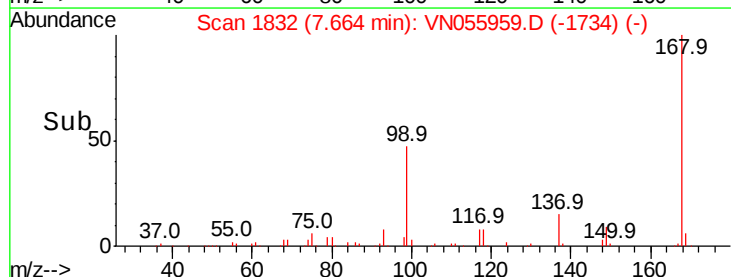
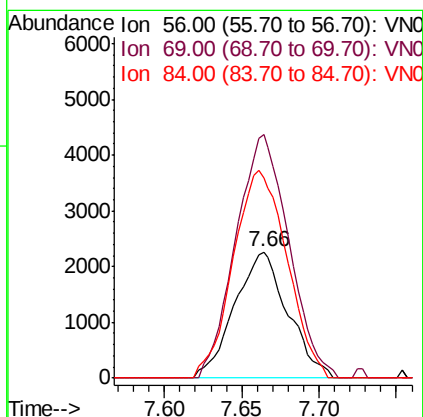
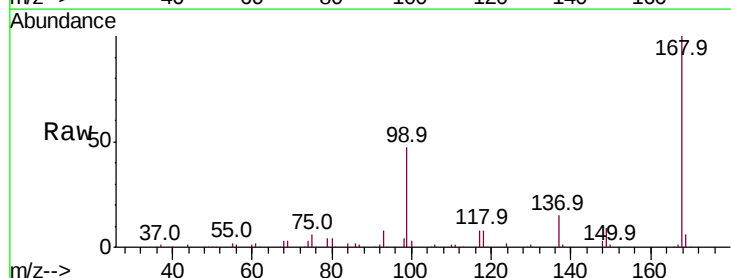
Tgt Ion: 56 Resp: 5409

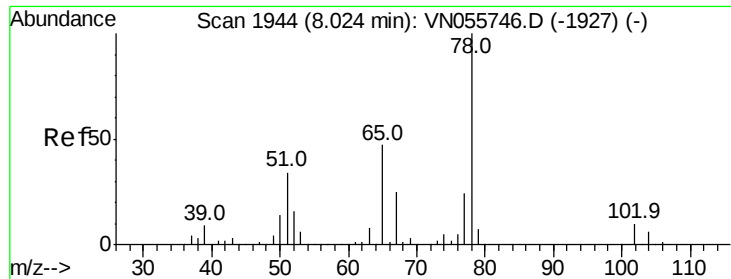
Ion Ratio Lower Upper

56 100

69 192.7 25.6 38.4#

84 157.9 67.4 101.0#

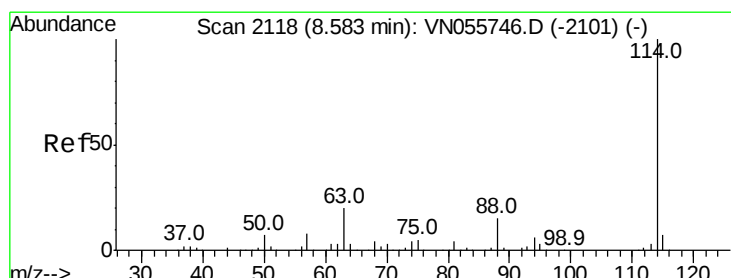
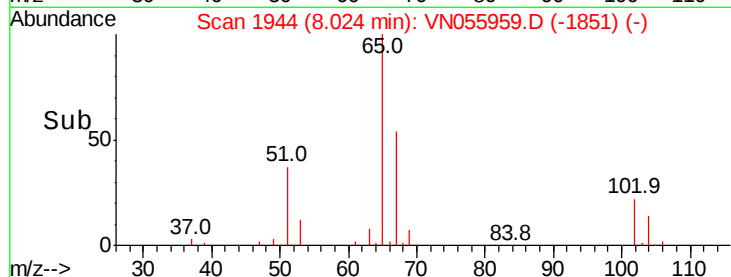
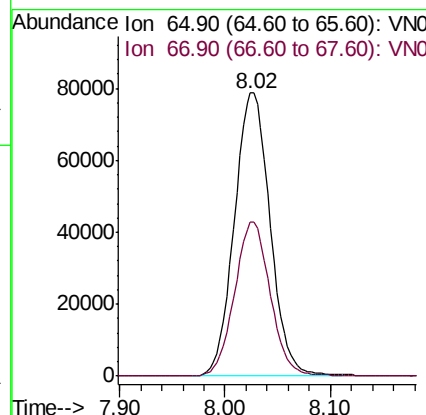
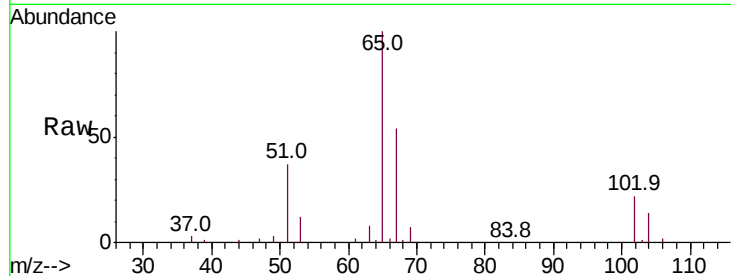




#33
 1,2-Dichloroethane-d4
 Concen: 48.081 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055959.D
 Acq: 3 Jun 2019 14:15

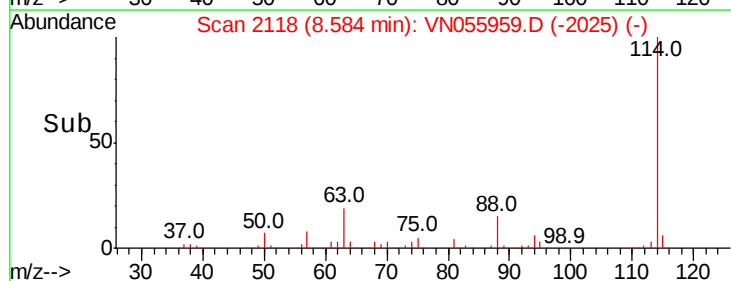
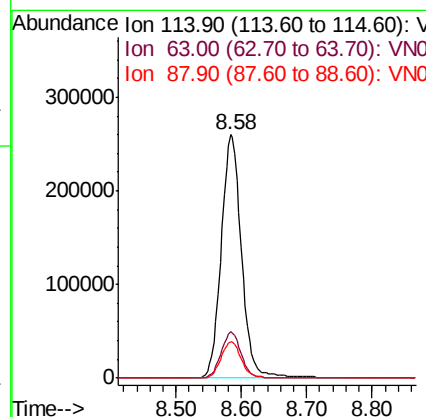
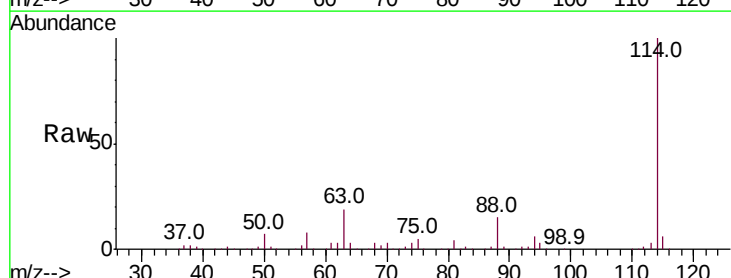
Instrument :
 MSVOA_N
 ClientSampled :

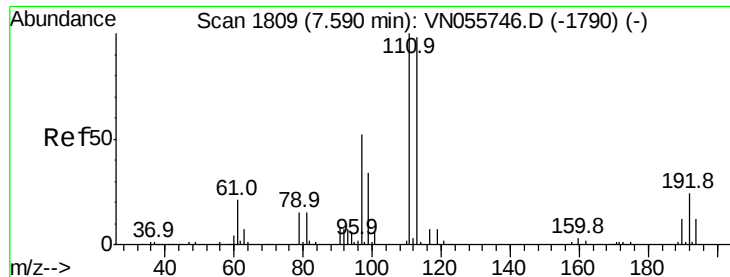
Tot Ion: 65 Resp: 185420
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055959.D
 Acq: 3 Jun 2019 14:15

Tgt Ion: 114 Resp: 562580
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.1 0.0 31.0

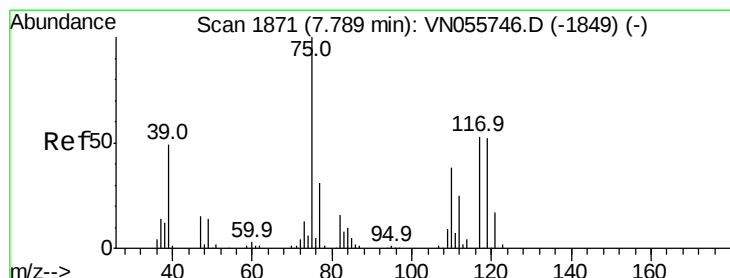
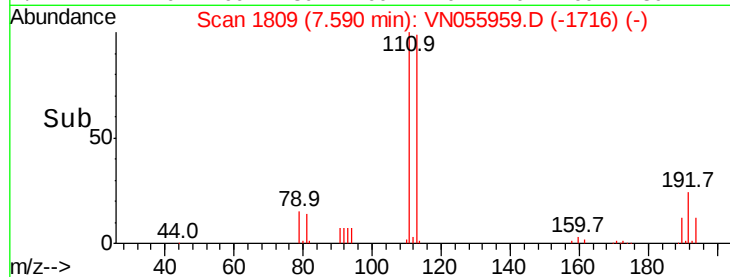
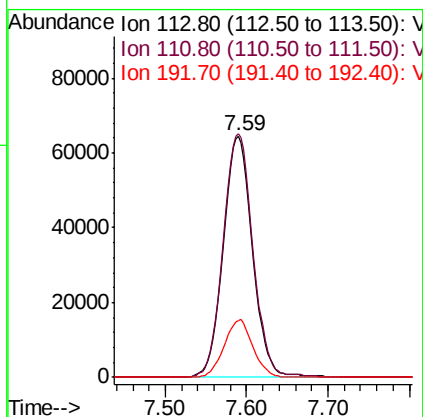
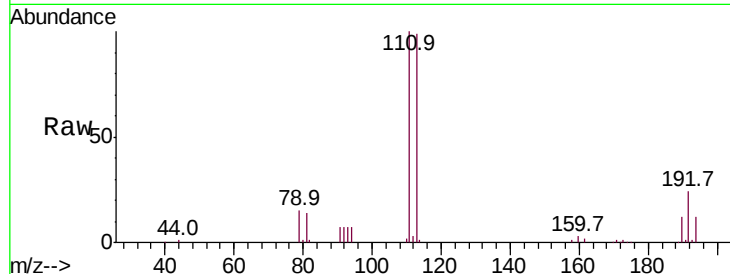




#35
 Dibromofluoromethane
 Concen: 45.753 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055959.D
 Acq: 3 Jun 2019 14:15

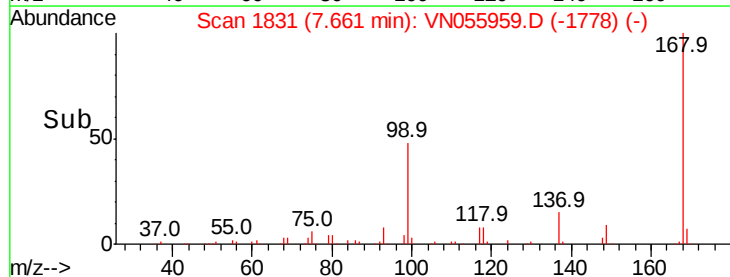
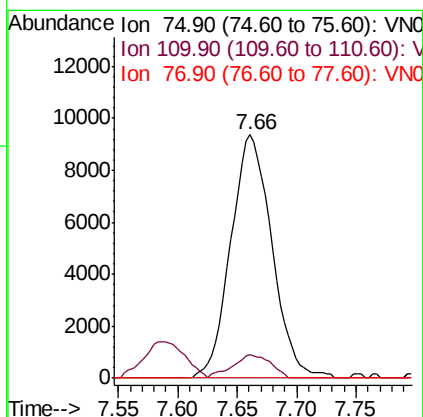
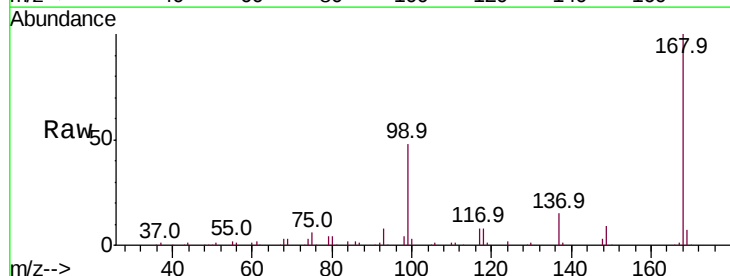
Instrument :
 MSVOA_N
 ClientSampleId :

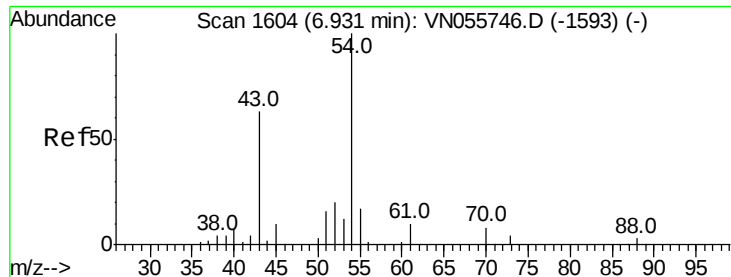
Tot Ion:113 Resp: 162734
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 23.4 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 4.582 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN055959.D
 Acq: 3 Jun 2019 14:15

Tgt Ion: 75 Resp: 22464
 Ion Ratio Lower Upper
 75 100
 110 8.9 19.0 57.0#
 77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.244 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. -0.07 min

Lab File: VN055959.D

Acq: 3 Jun 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

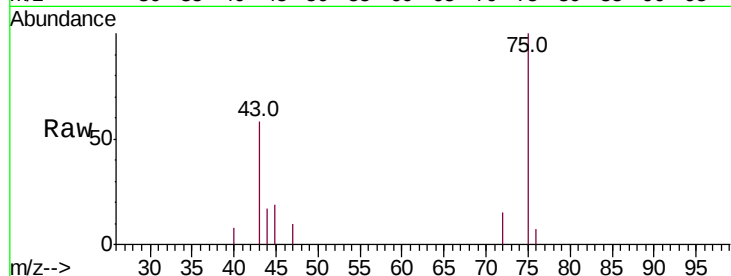
Tot Ion: 43 Resp: 5893

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.2#

70 0.0 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1593) (-)

Ion 60.90 (60.60 to 61.60): VN055746.D (-1593) (-)

Ion 70.00 (69.70 to 70.70): VN055746.D (-1593) (-)

6.86

1500

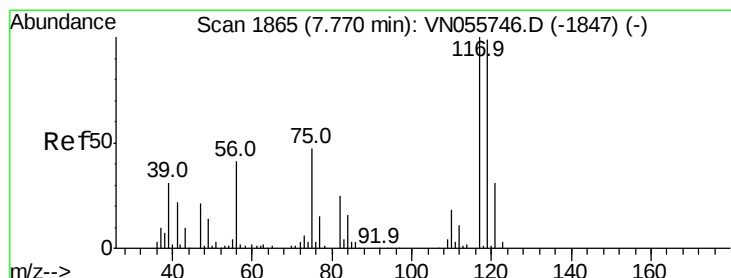
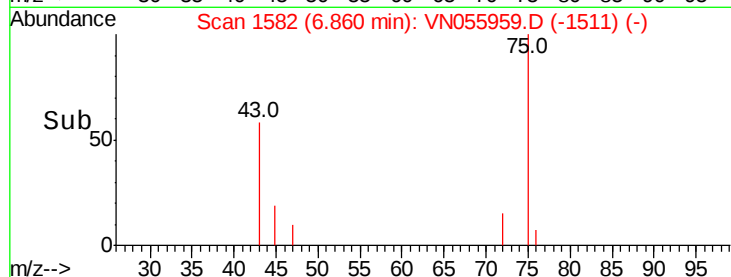
1000

500

0

6.80 6.90 7.00

Time-->



#38

Carbon Tetrachloride

Concen: 5.990 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN055959.D

Acq: 3 Jun 2019 14:15

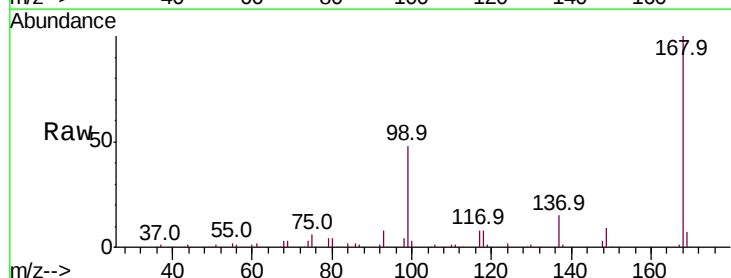
Tgt Ion: 117 Resp: 30591

Ion Ratio Lower Upper

117 100

119 6.1 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) (-)

7.66

15000

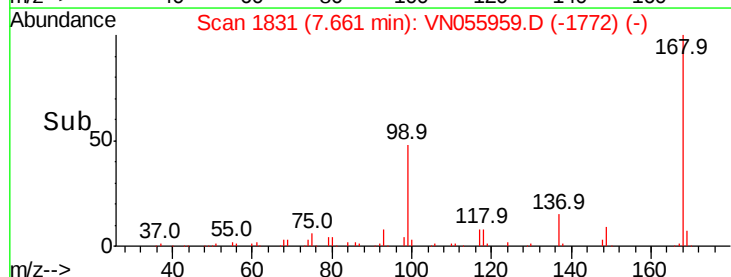
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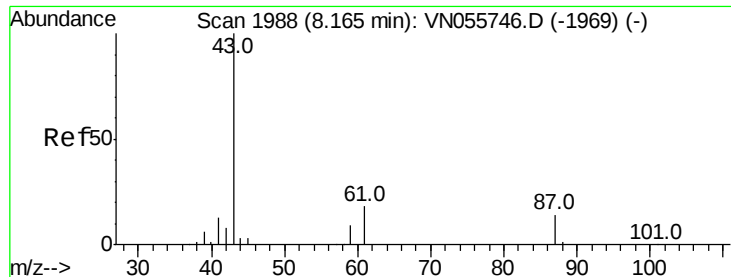
5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#43

Isopropyl Acetate

Concen: 0.355 ug/l

RT: 8.30 min Scan# 2030

Delta R.T. 0.14 min

Lab File: VN055959.D

Acq: 3 Jun 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

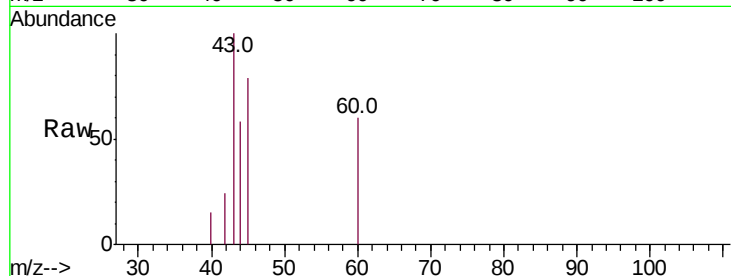
Tot Ion: 43 Resp: 2825

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

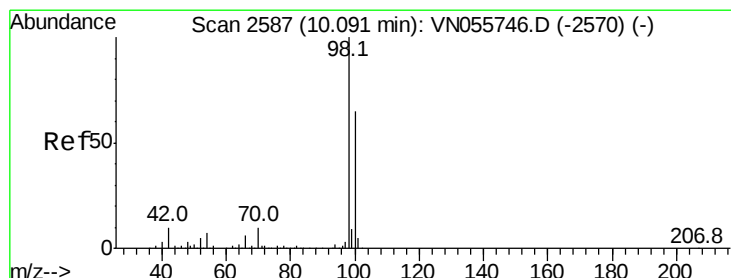
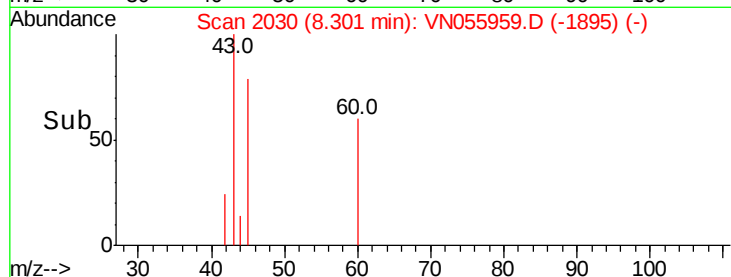
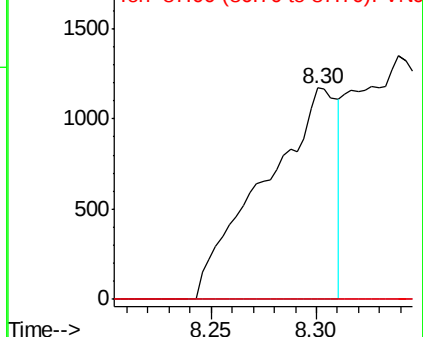
87 0.0 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)



#50

Toluene-d8

Concen: 49.538 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055959.D

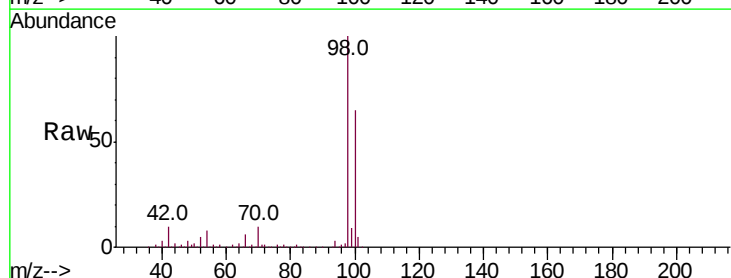
Acq: 3 Jun 2019 14:15

Tgt Ion: 98 Resp: 675871

Ion Ratio Lower Upper

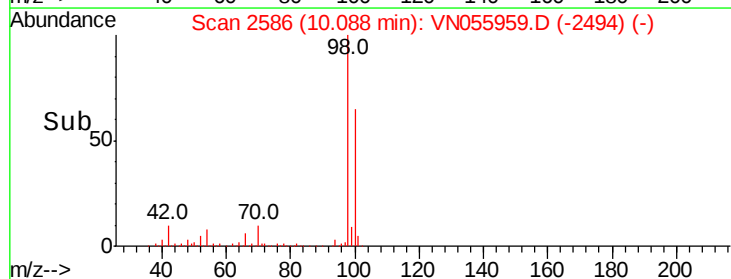
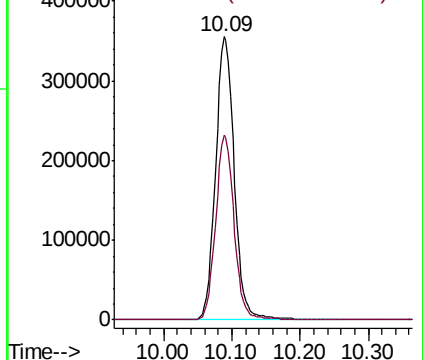
98 100

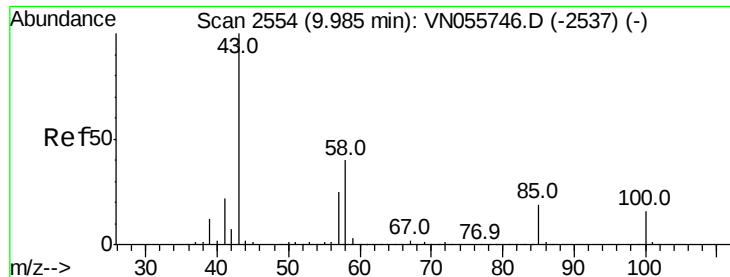
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055746.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055746.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.463 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055959.D

Acq: 3 Jun 2019 14:15

Instrument :

MSVOA_N

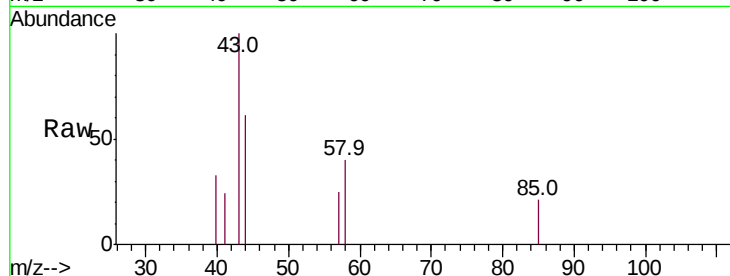
ClientSampled :

Tot Ion: 43 Resp: 2177

Ion Ratio Lower Upper

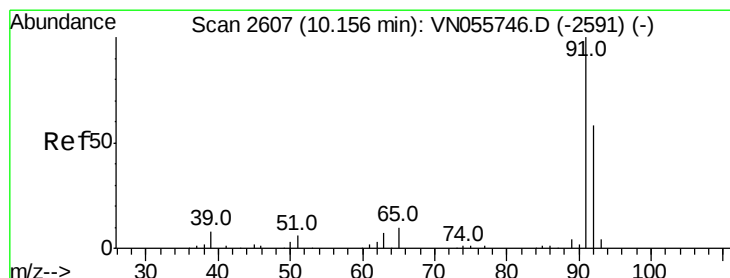
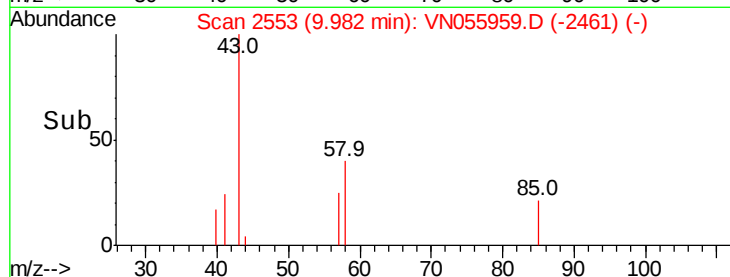
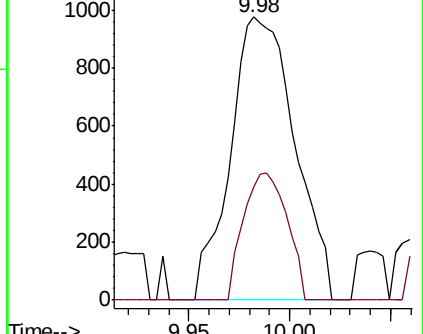
43 100

58 30.7 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 66.330 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055959.D

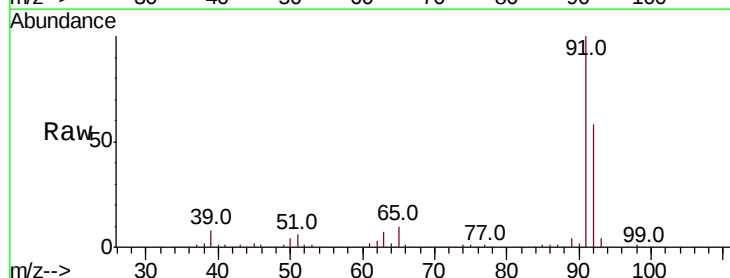
Acq: 3 Jun 2019 14:15

Tgt Ion: 92 Resp: 616392

Ion Ratio Lower Upper

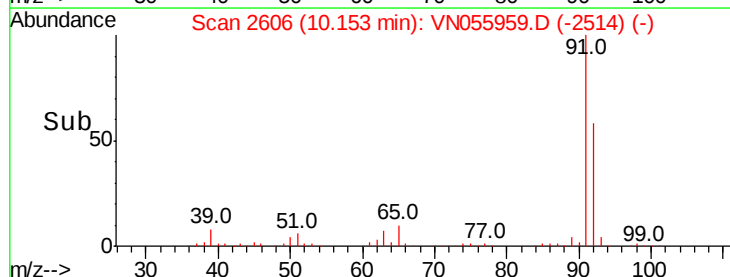
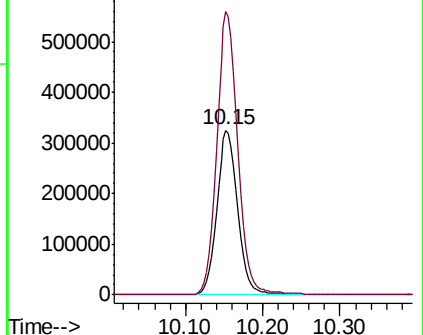
92 100

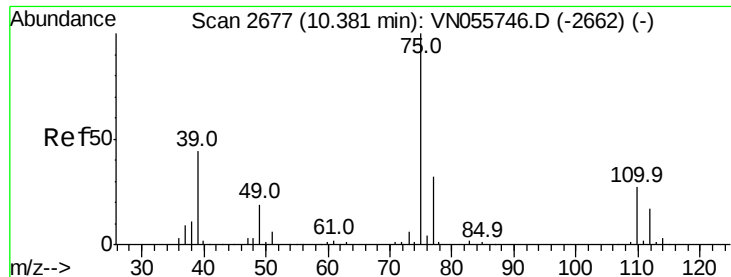
91 173.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

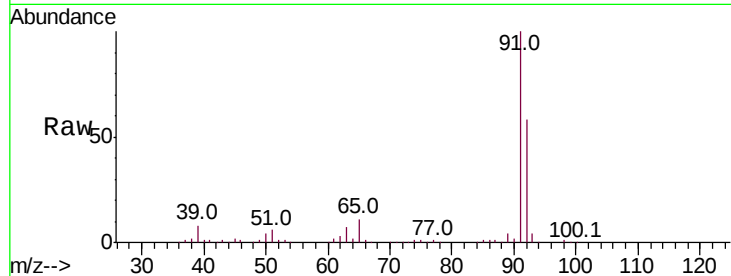




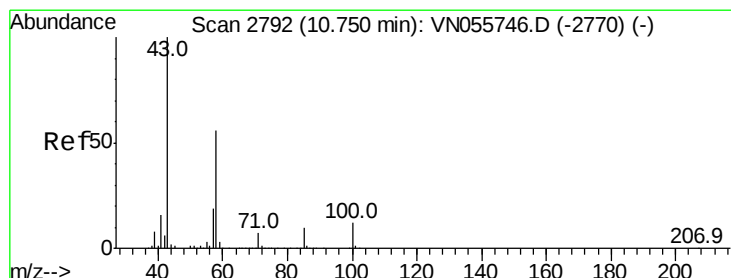
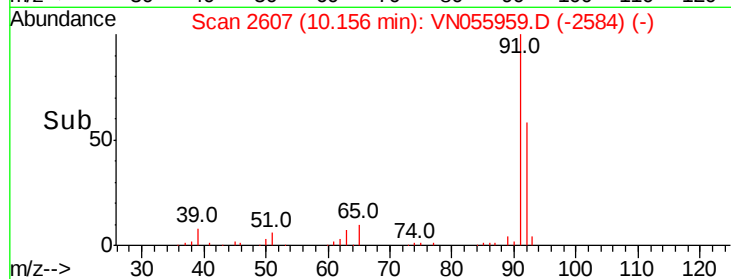
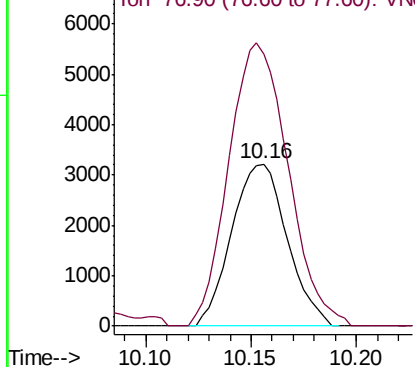
#53
t-1,3-Dichloropropene
Concen: 1.064 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.22 min
Lab File: VN055959.D
Acq: 3 Jun 2019 14:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 75 Resp: 5877
Ion Ratio Lower Upper
75 100
77 167.5 25.8 38.6#

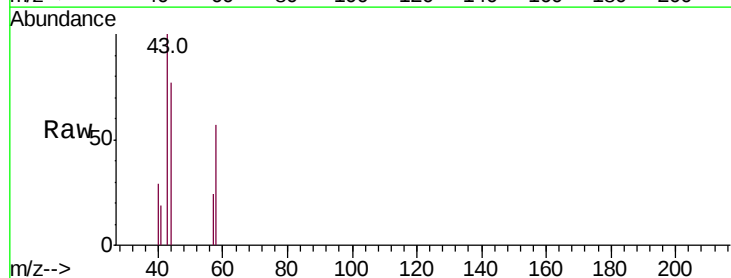


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0

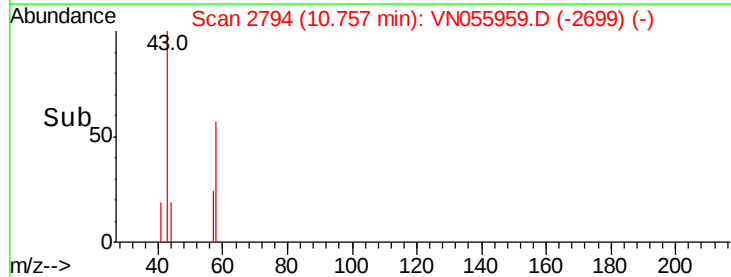
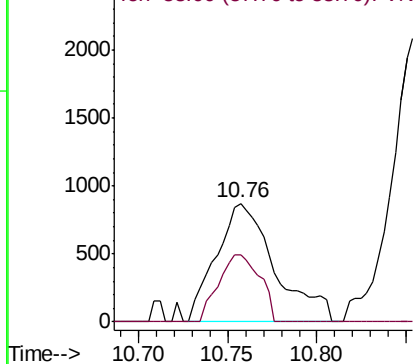


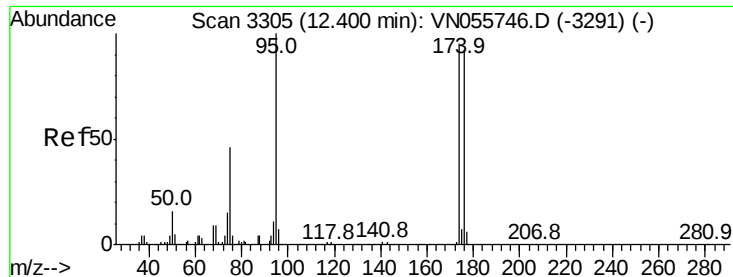
#59
2-Hexanone
Concen: 0.600 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN055959.D
Acq: 3 Jun 2019 14:15

Tgt Ion: 43 Resp: 2002
Ion Ratio Lower Upper
43 100
58 39.8 28.2 84.7



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

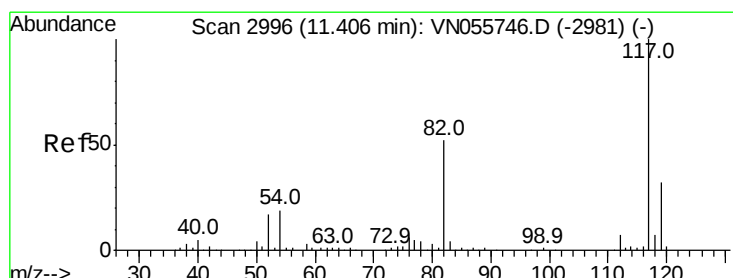
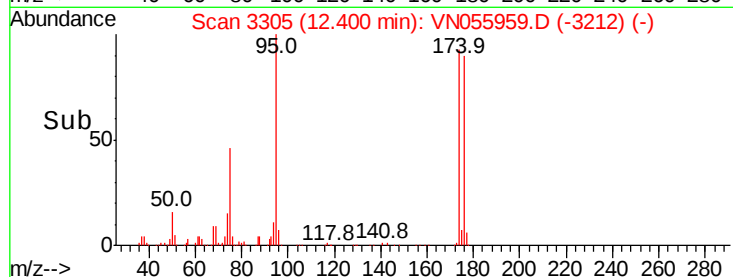
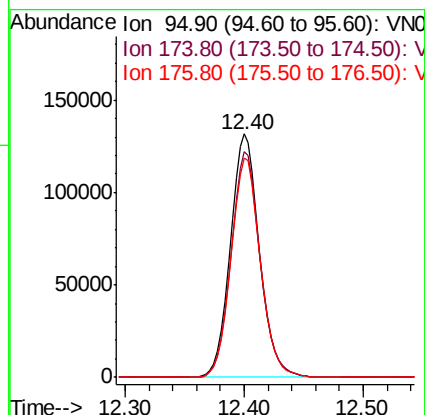
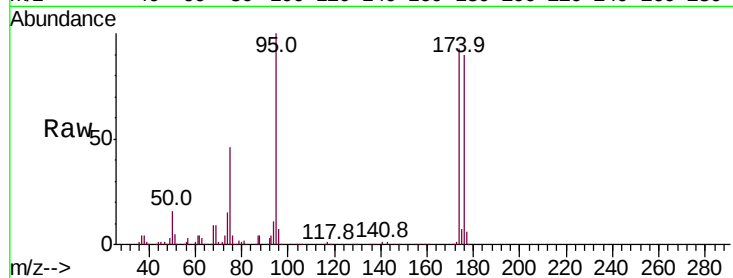




#62
4-Bromofluorobenzene
Concen: 47.313 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055959.D
Acq: 3 Jun 2019 14:15

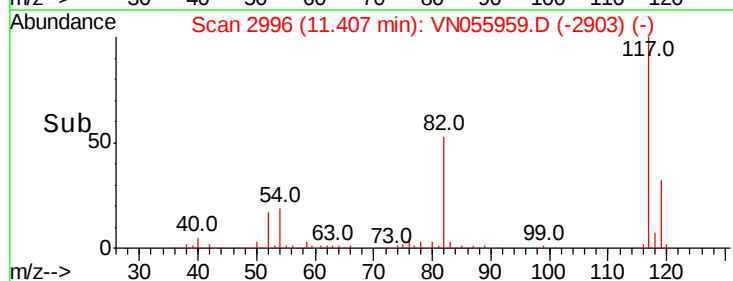
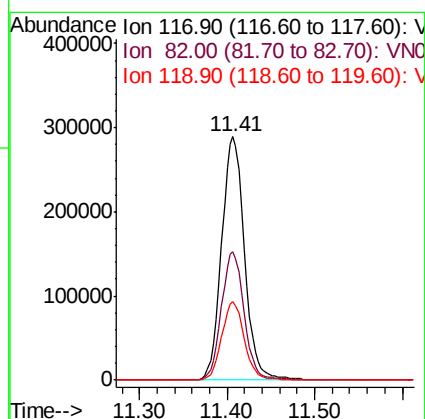
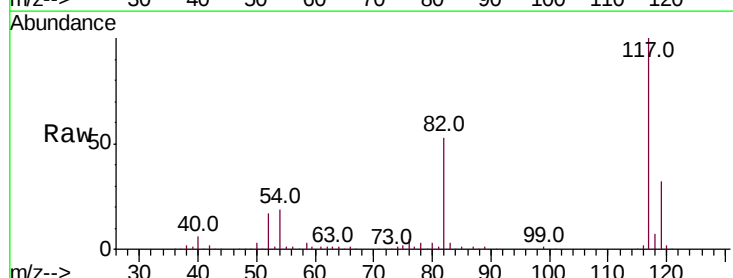
Instrument :
MSVOA_N
ClientSampleId :

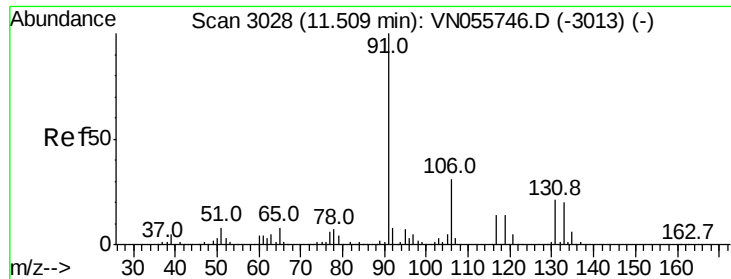
Tot Ion: 95 Resp: 221343
Ion Ratio Lower Upper
95 100
174 93.0 0.0 191.0
176 91.3 0.0 185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055959.D
Acq: 3 Jun 2019 14:15

Tgt Ion: 117 Resp: 525334
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 32.1 25.4 38.0

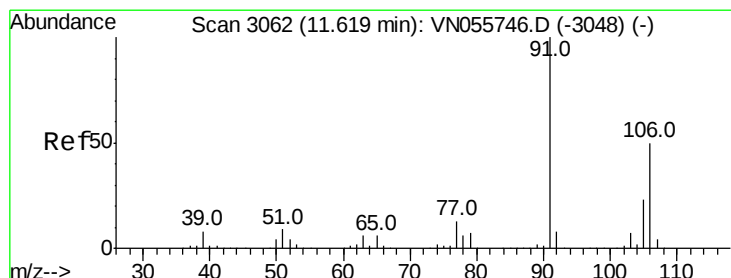
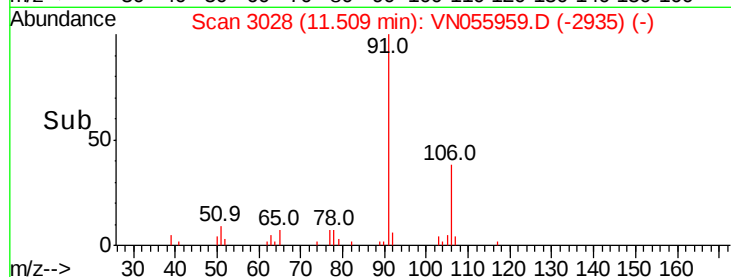
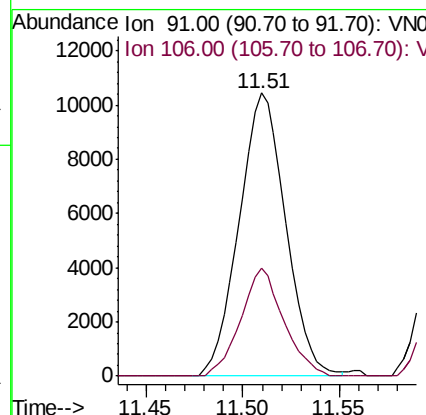
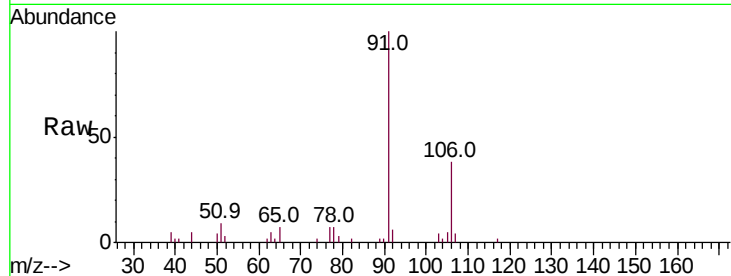




#67
Ethyl Benzene
Concen: 0.928 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055959.D
Acq: 3 Jun 2019 14:15

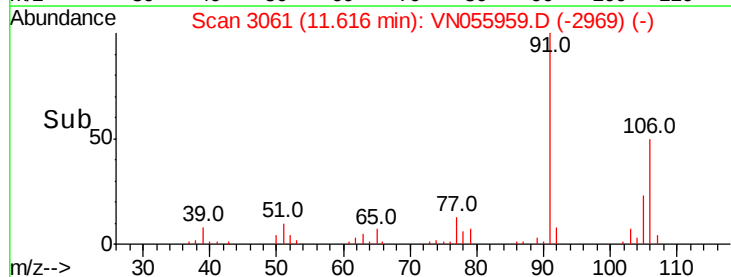
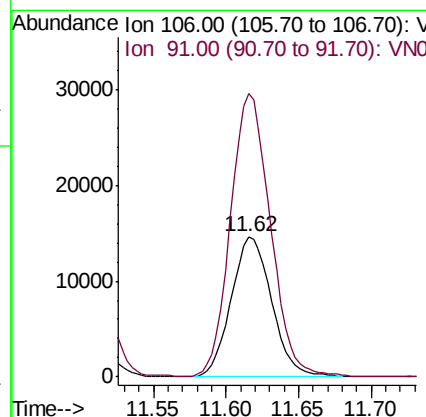
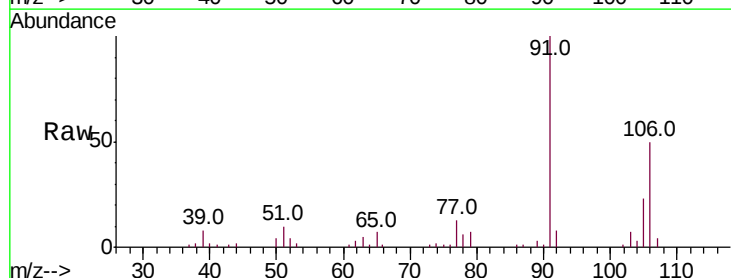
Instrument :
MSVOA_N
ClientSampled :

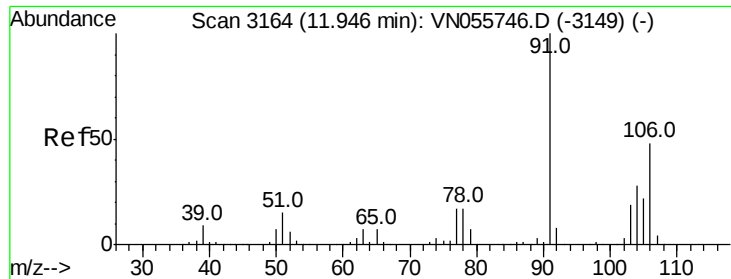
Tot Ion: 91 Resp: 17503
Ion Ratio Lower Upper
91 100
106 37.9 25.1 37.7#



#68
m/p-Xylenes
Concen: 3.970 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055959.D
Acq: 3 Jun 2019 14:15

Tgt Ion: 106 Resp: 28304
Ion Ratio Lower Upper
106 100
91 199.8 159.3 238.9

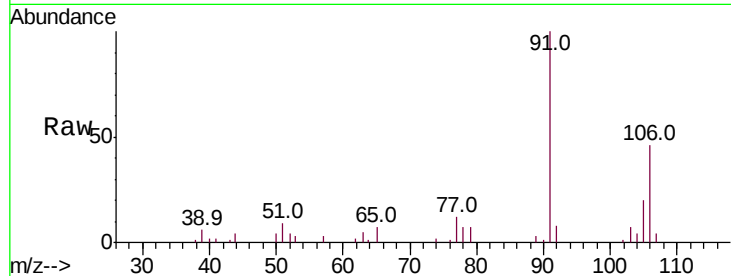




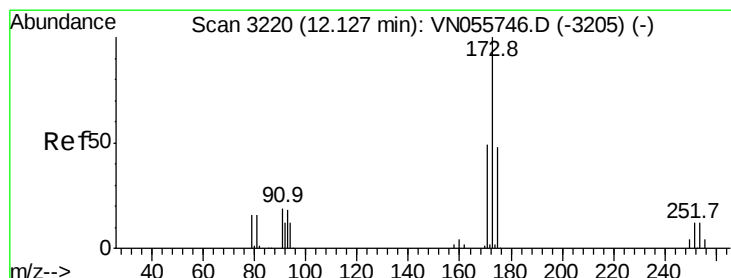
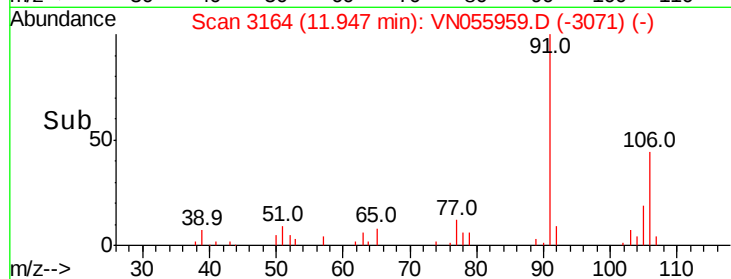
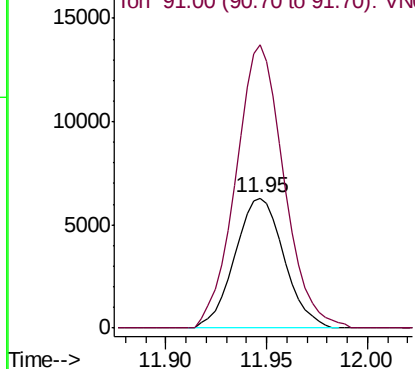
#69
o-Xylene
Concen: 1.519 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055959.D
Acq: 3 Jun 2019 14:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 10746
Ion Ratio Lower Upper
106 100
91 213.2 104.7 314.1

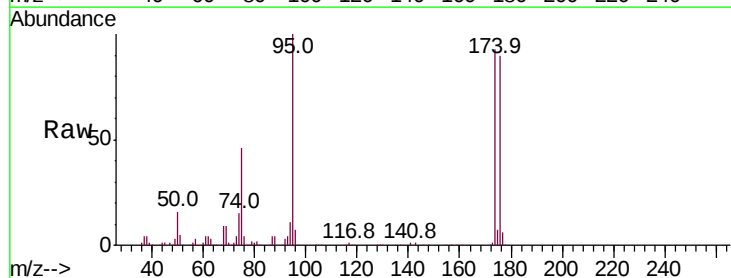


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

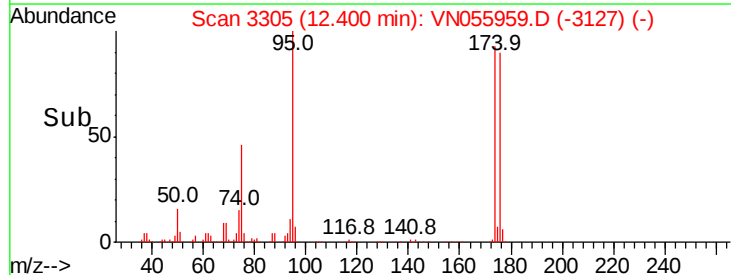
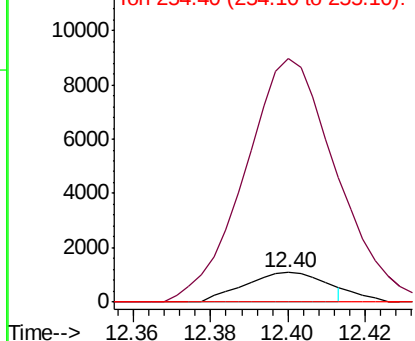


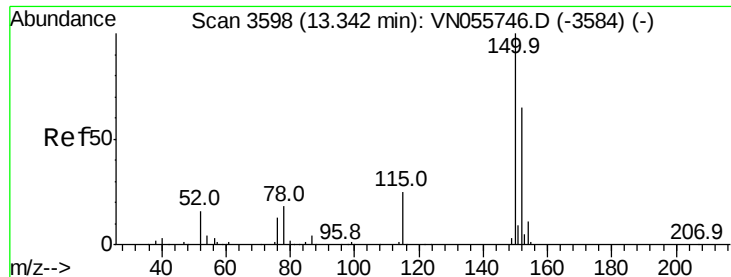
#71
Bromoform
Concen: 0.439 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055959.D
Acq: 3 Jun 2019 14:15

Tgt Ion:173 Resp: 1569
Ion Ratio Lower Upper
173 100
175 827.0 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



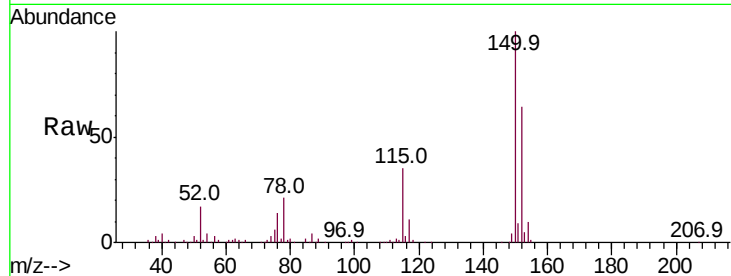


#72

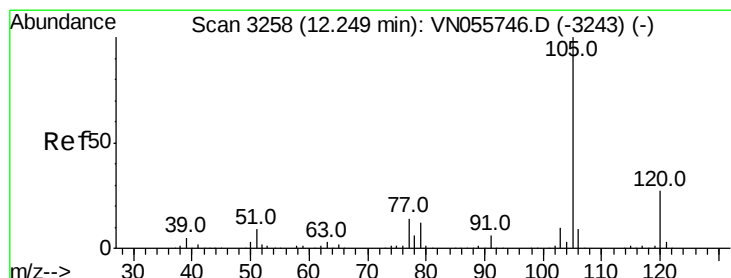
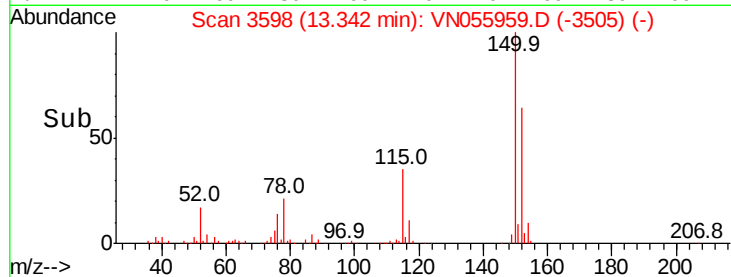
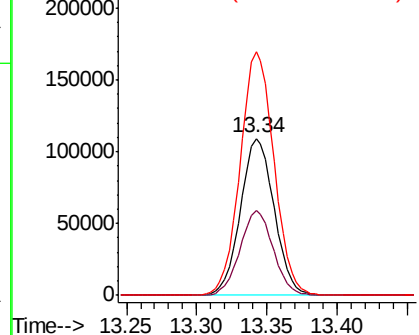
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055959.D
Acq: 3 Jun 2019 14:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 183564
Ion Ratio Lower Upper
152 100
115 53.1 27.0 81.0
150 155.1 0.0 343.2



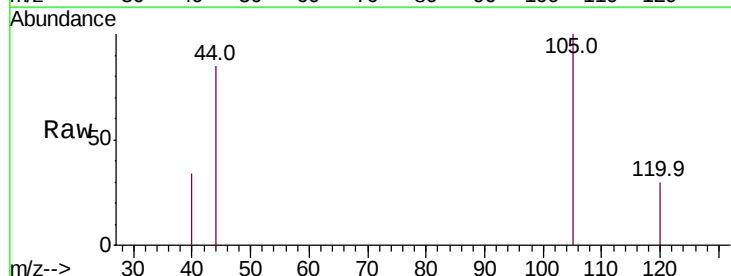
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



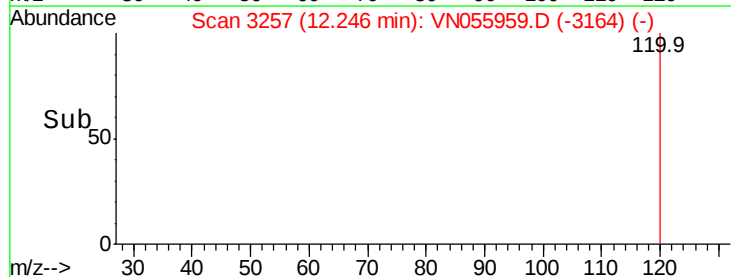
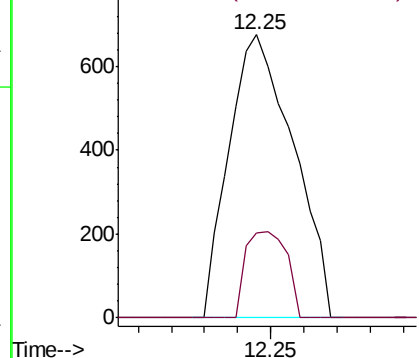
#73

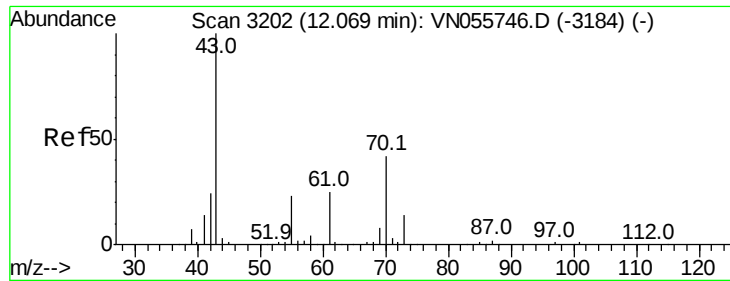
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN055959.D
Acq: 3 Jun 2019 14:15

Tgt Ion:105 Resp: 913
Ion Ratio Lower Upper
105 100
120 19.4 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: VN055959.D

Acq: 3 Jun 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 1002

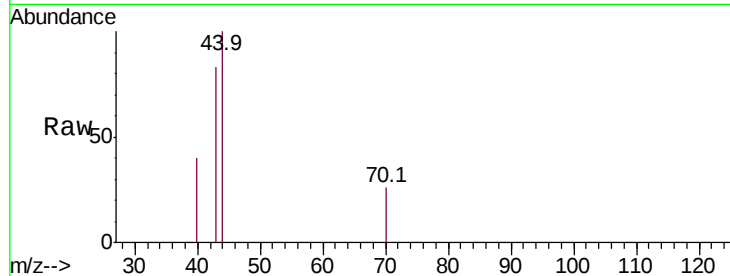
Ion Ratio Lower Upper

43 100

70 12.5 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#

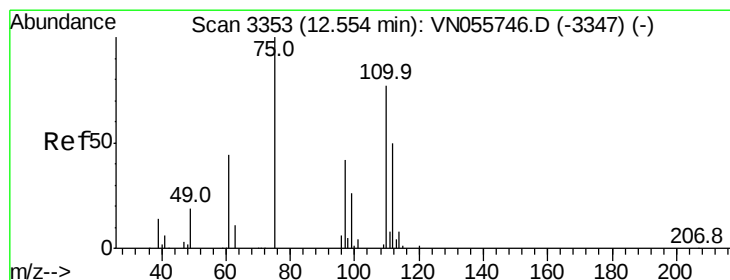
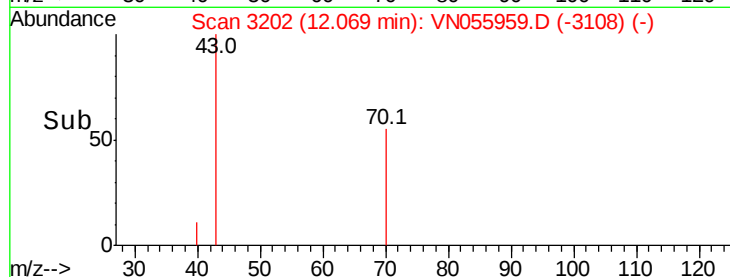
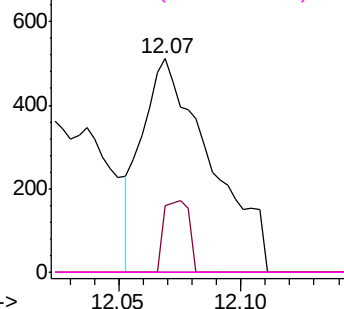


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 31.340 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055959.D

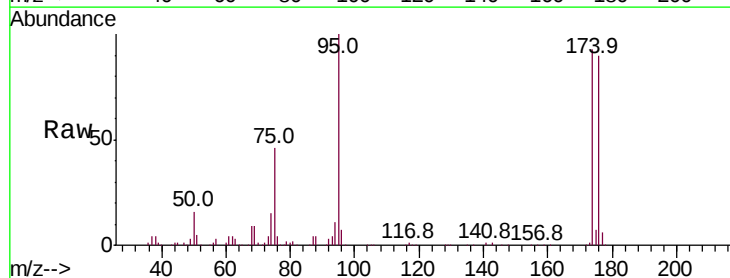
Acq: 3 Jun 2019 14:15

Tgt Ion: 75 Resp: 102775

Ion Ratio Lower Upper

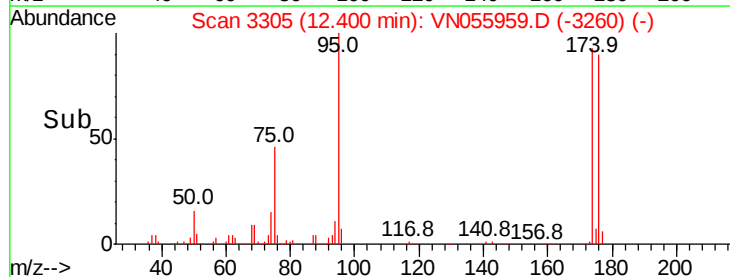
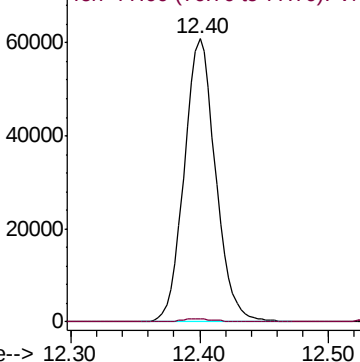
75 100

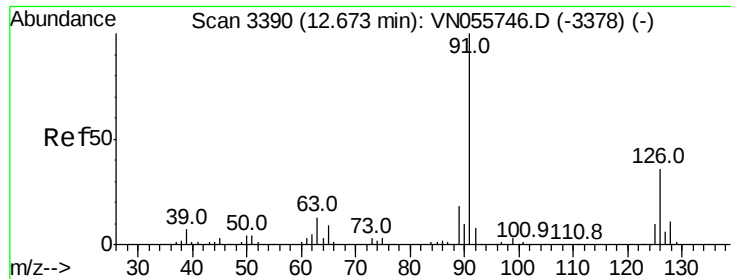
77 1.1 0.0 0.0#



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: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN055959.D

Acq: 3 Jun 2019 14:15

Instrument :

MSVOA_N

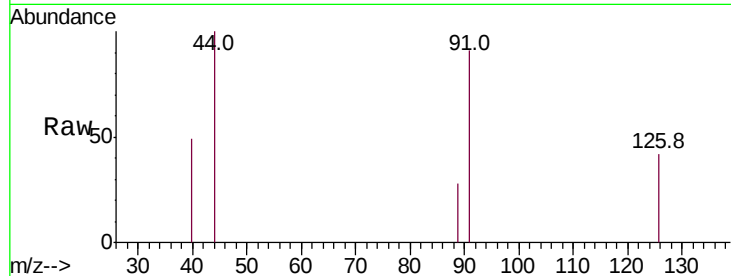
ClientSampled :

Tot Ion: 91 Resp: 818

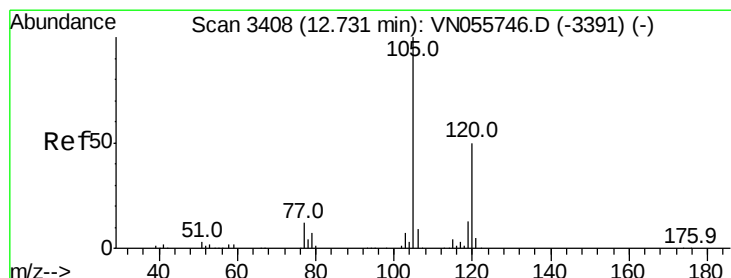
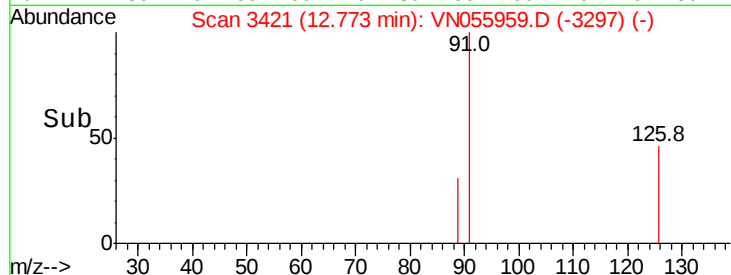
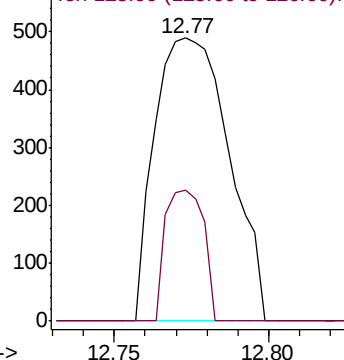
Ion Ratio Lower Upper

91 100

126 24.0 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055959.D

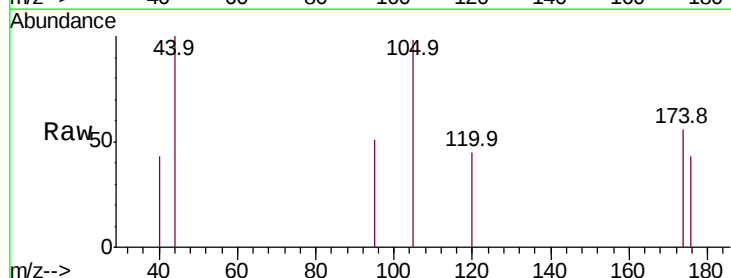
Acq: 3 Jun 2019 14:15

Tgt Ion: 105 Resp: 974

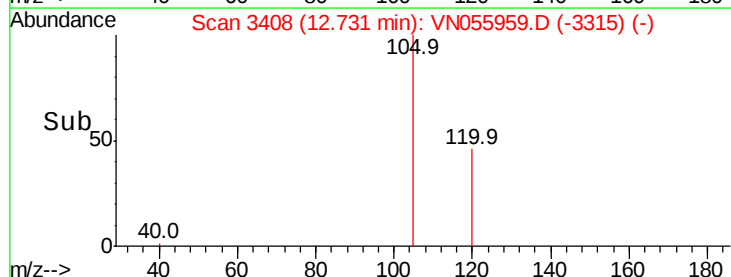
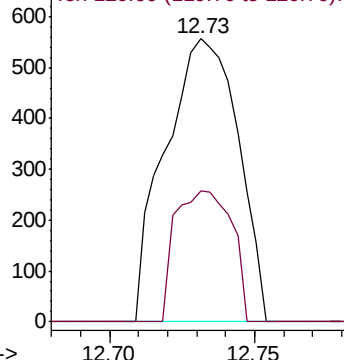
Ion Ratio Lower Upper

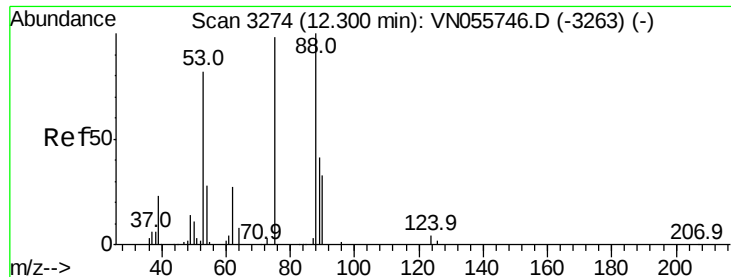
105 100

120 35.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3391) (-)

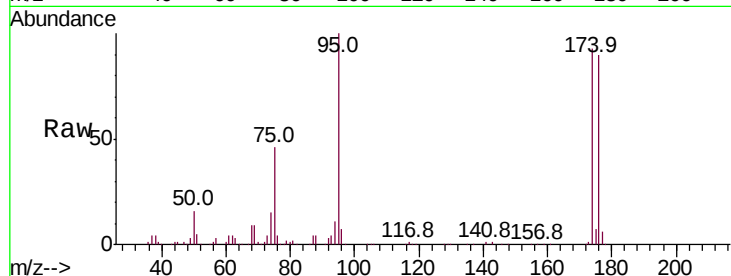




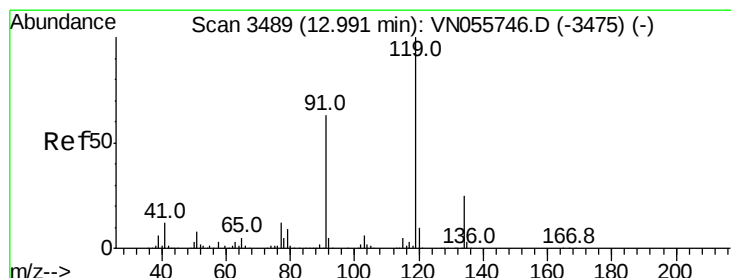
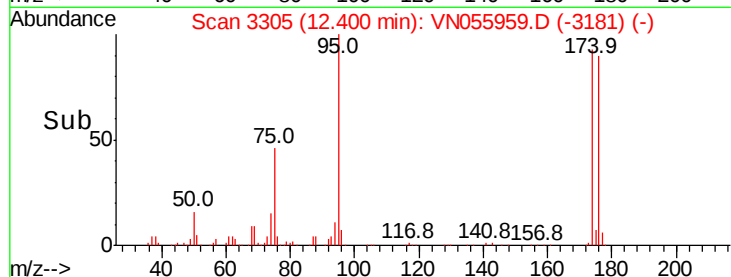
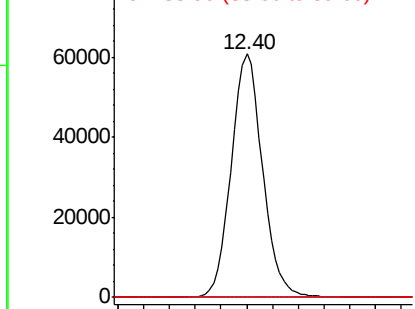
#81
trans-1,4-Dichloro-2-butene
Concen: 75.332 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055959.D
Acq: 3 Jun 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 102775
Ion Ratio Lower Upper
75 100
53 0.0 68.1 102.1#
89 0.0 36.9 55.3#

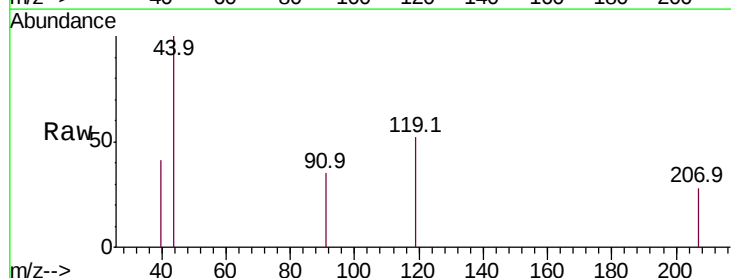


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

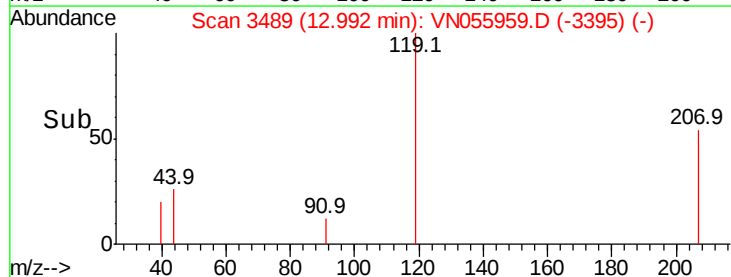
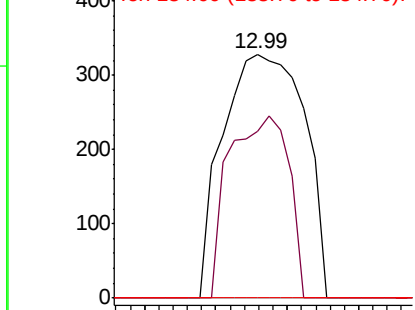


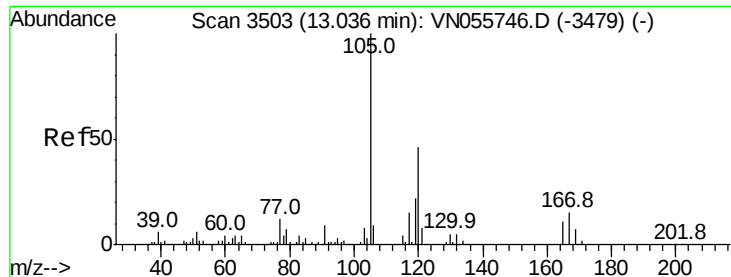
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055959.D
Acq: 3 Jun 2019 14:15

Tgt Ion: 119 Resp: 520
Ion Ratio Lower Upper
119 100
91 54.6 30.9 92.8
134 0.0 13.3 39.8#



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN0
Ion 134.00 (133.70 to 134.70): V

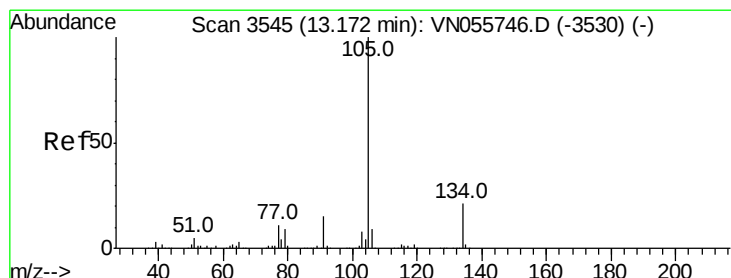
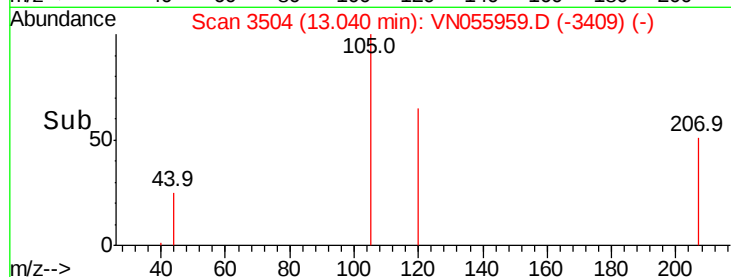
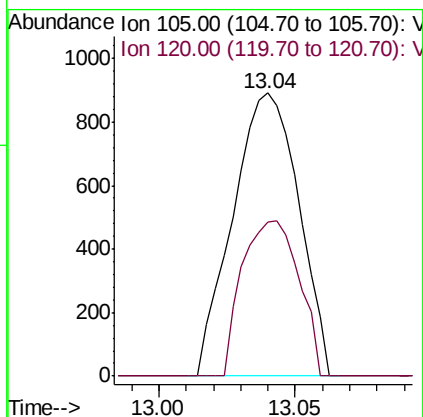
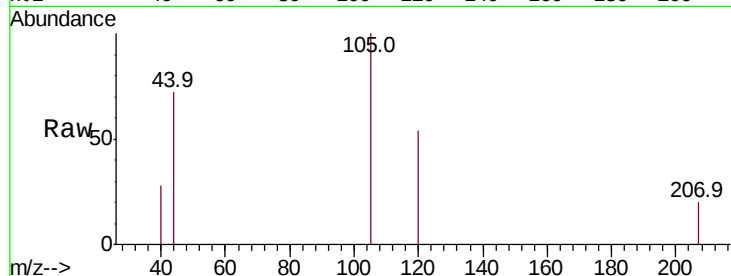




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055959.D
 Acq: 3 Jun 2019 14:15

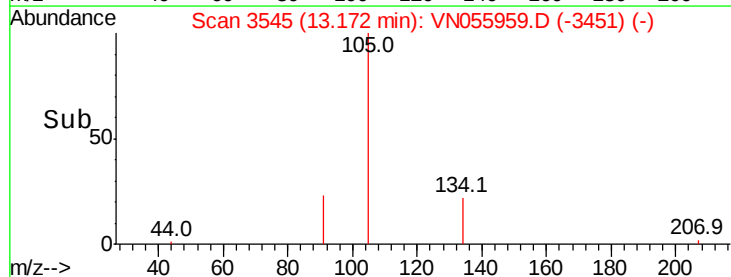
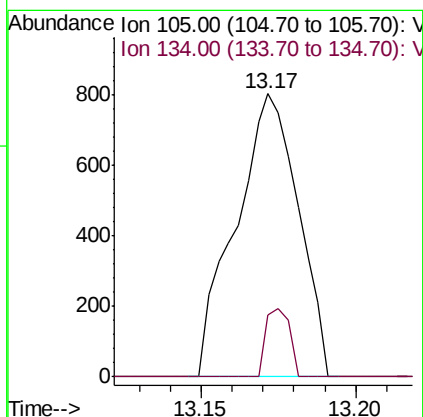
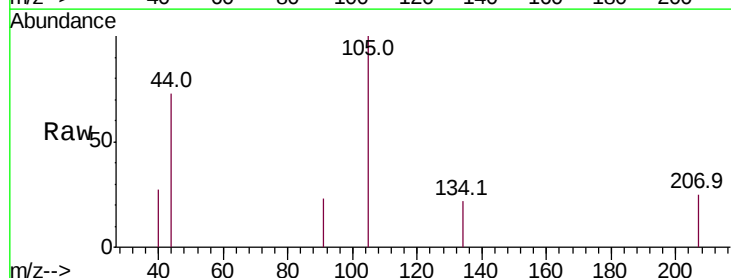
Instrument :
 MSVOA_N
 ClientSampleId :

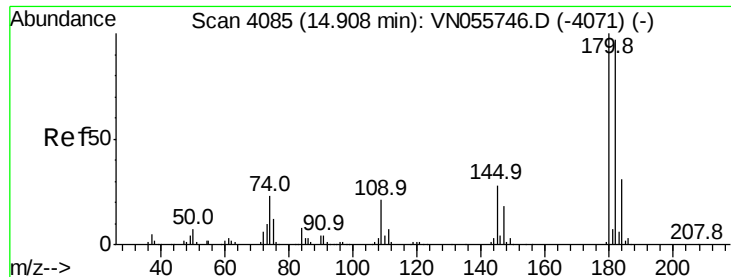
Tot Ion:105 Resp: 1494
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.0 69.0



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055959.D
 Acq: 3 Jun 2019 14:15

Tgt Ion:105 Resp: 1132
 Ion Ratio Lower Upper
 105 100
 134 9.1 10.4 31.2#





#93

1,2,4-Trichlorobenzene

Concen: 3.974 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055959.D

Acq: 3 Jun 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

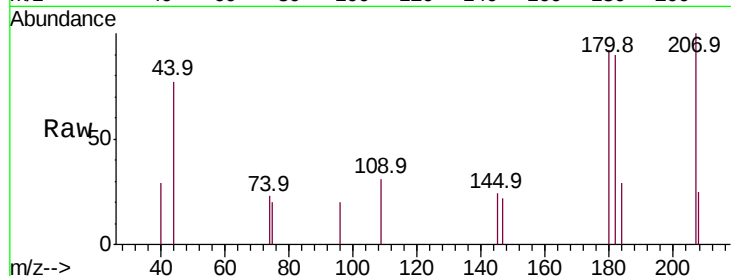
Tot Ion:180 Resp: 1293

Ion Ratio Lower Upper

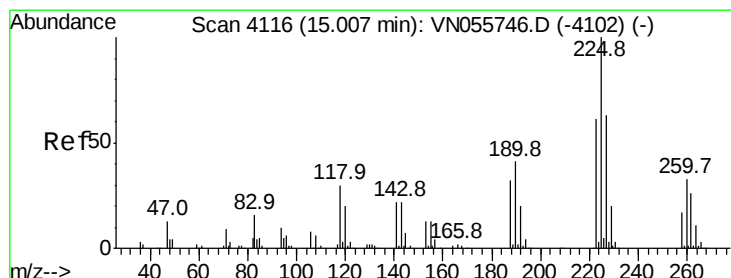
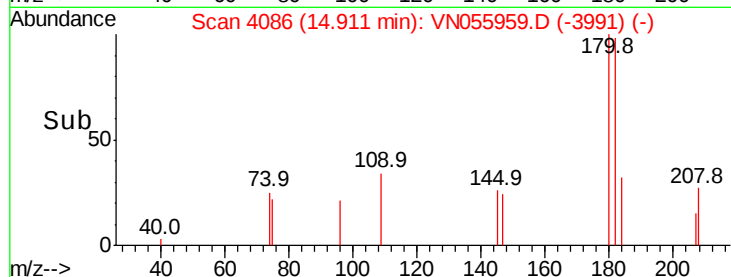
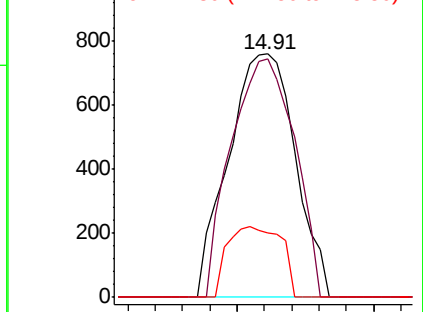
180 100

182 93.4 48.3 144.9

145 23.4 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



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055959.D

Acq: 3 Jun 2019 14:15

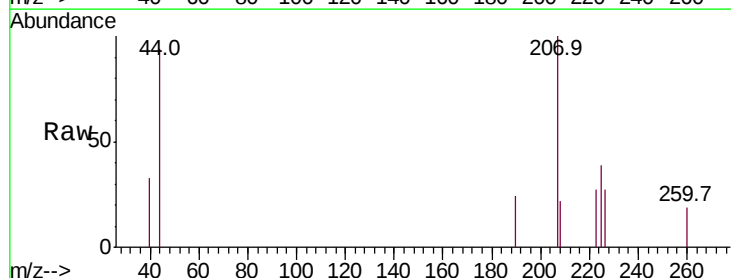
Tgt Ion:225 Resp: 427

Ion Ratio Lower Upper

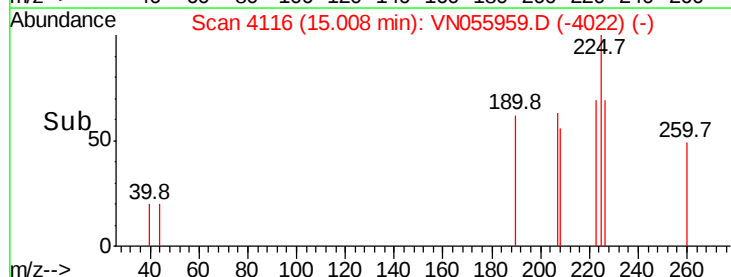
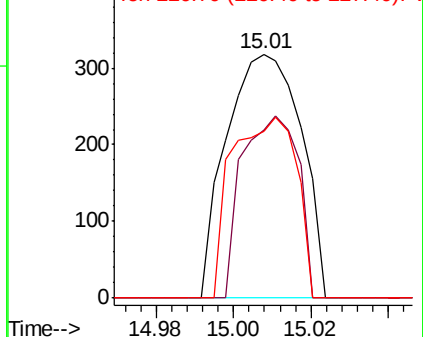
225 100

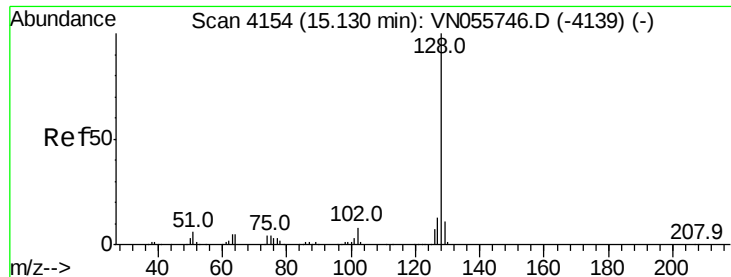
223 56.0 30.9 92.7

227 64.2 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: 0.531 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055959.D

Acq: 3 Jun 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

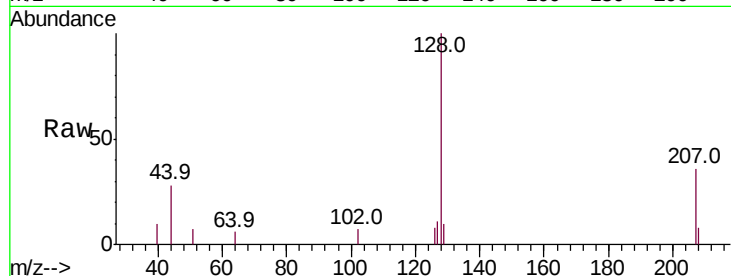
Tot Ion:128 Resp: 4508

Ion Ratio Lower Upper

128 100

127 7.8 10.3 15.5#

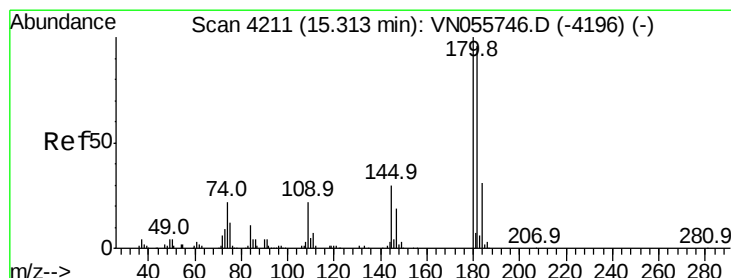
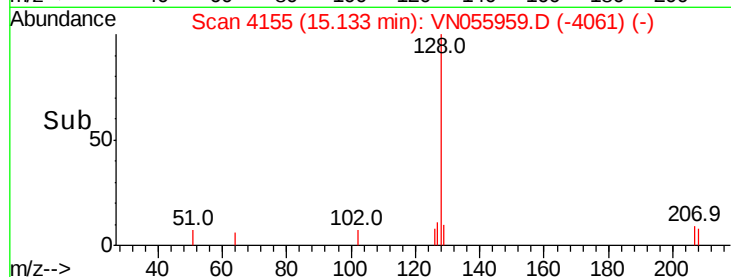
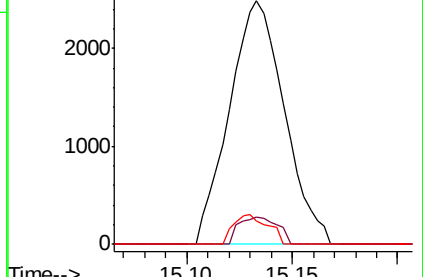
129 7.7 8.7 13.1#



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: 0.466 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055959.D

Acq: 3 Jun 2019 14:15

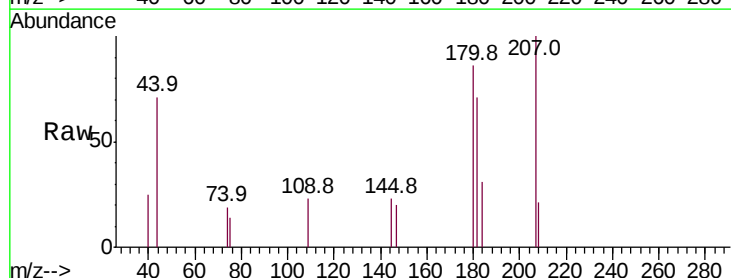
Tgt Ion:180 Resp: 1523

Ion Ratio Lower Upper

180 100

182 88.5 47.9 143.7

145 17.0 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

