

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056195.D
 Acq On : 11 Jun 2019 3:05
 Operator : JC/SP
 Sample : K3214-01DL 250X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 05:09:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	290315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	447007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213987	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	156380	54.25	ug/l	0.00
Spiked Amount			Recovery	=	108.50%	
35) Dibromofluoromethane	7.59	113	145447	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
50) Toluene-d8	10.09	98	576800	54.66	ug/l	0.00
Spiked Amount			Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.40	95	216064	60.20	ug/l	0.00
Spiked Amount			Recovery	=	120.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	581	1.158	ug/l #	74
16) Acetone	3.82	43	5255	3.812	ug/l	98
25) 2-Butanone	6.85	43	424	0.243	ug/l #	47
31) Cyclohexane	7.67	56	4194	0.917	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	16596	4.318	ug/l #	48
38) Carbon Tetrachloride	7.66	117	23380	6.598	ug/l #	15
40) Benzene	8.04	78	226877	19.434	ug/l	99
44) Trichloroethene	8.84	130	797	0.238	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	856	0.247	ug/l #	86
52) Toluene	10.16	92	174072	23.963	ug/l	99
53) t-1,3-Dichloropropene	10.15	75	1650	2.776	ug/l #	1
55) 1,1,2-Trichloroethane	10.41	97	996	0.346	ug/l #	15
67) Ethyl Benzene	11.51	91	167938	10.814	ug/l	98
68) m/p-Xylenes	11.62	106	132940	22.409	ug/l	96
69) o-Xylene	11.95	106	73387	12.576	ug/l	100
70) Styrene	11.96	104	18404	1.985	ug/l #	44
71) Bromoform	12.40	173	1713	3.367	ug/l #	1
73) Isopropylbenzene	12.25	105	16781	Below Cal		98
74) N-amyl acetate	12.03	43	2252	0.395	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	99041	25.154	ug/l #	100
78) n-propylbenzene	12.59	91	9223	0.509	ug/l	99
79) 2-Chlorotoluene	12.65	91	9436	Below Cal	#	69
80) 1,3,5-Trimethylbenzene	12.73	105	38499	2.676	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	99041	83.766	ug/l #	15
82) 4-Chlorotoluene	12.65	91	9436	0.891	ug/l	70
83) tert-Butylbenzene	13.04	119	17932	Below Cal	#	66
84) 1,2,4-Trimethylbenzene	13.04	105	137800	10.100	ug/l	99
85) sec-Butylbenzene	13.04	105	137800	8.595	ug/l #	55
86) p-Isopropyltoluene	13.29	119	37118	2.587	ug/l #	78
89) n-Butylbenzene	13.54	91	93815	8.826	ug/l #	42
90) Hexachloroethane	13.95	117	4879	2.255	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.27	75	7991	11.247	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	258	4.330	ug/l #	71
95) Naphthalene	15.13	128	4222646	384.639	ug/l	100

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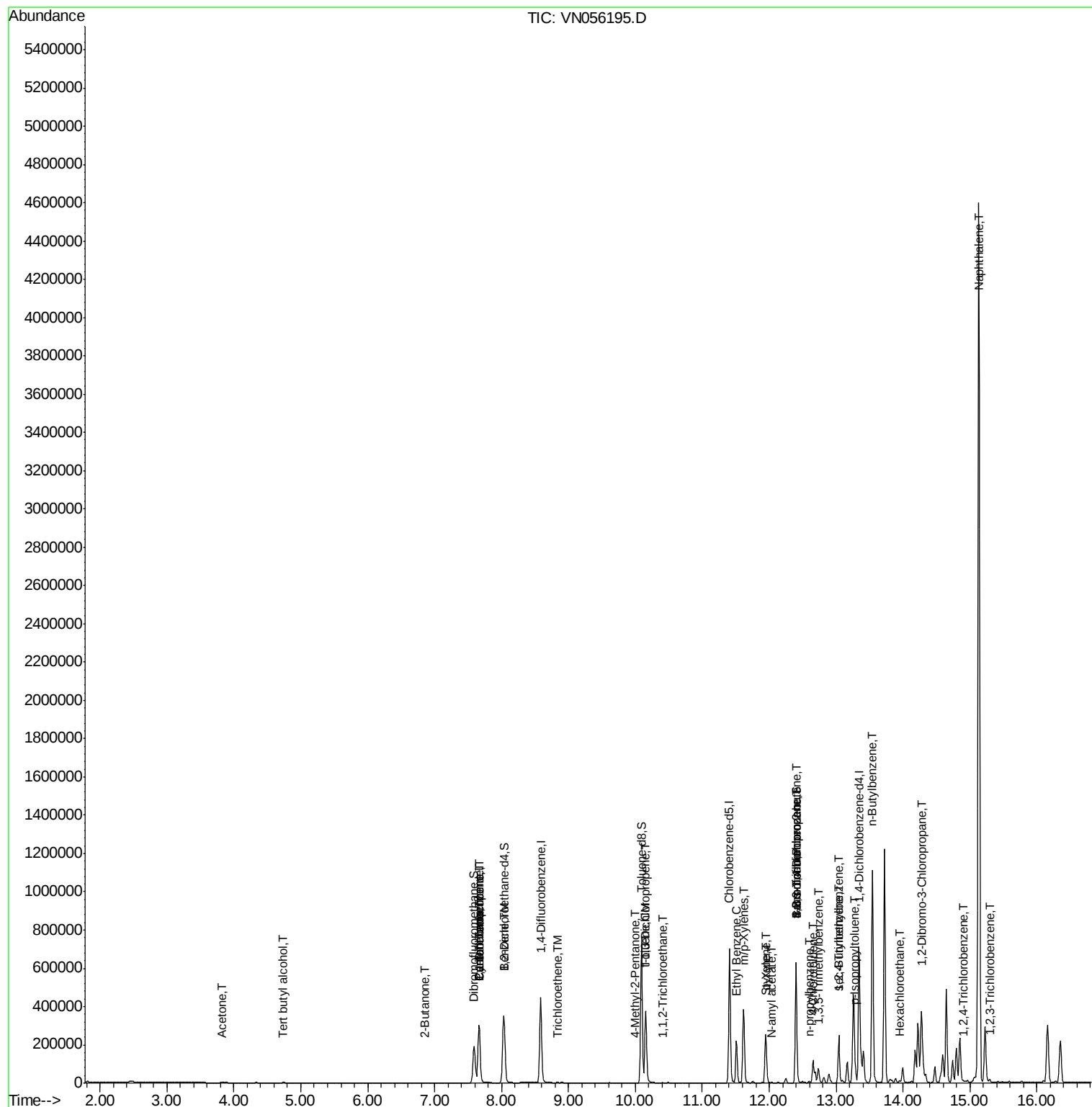
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.30	180	165	3.070	ug/l #	1

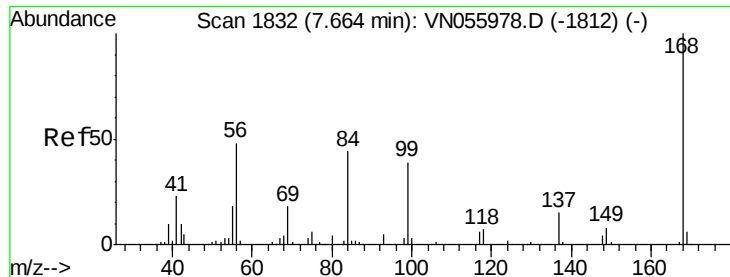
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

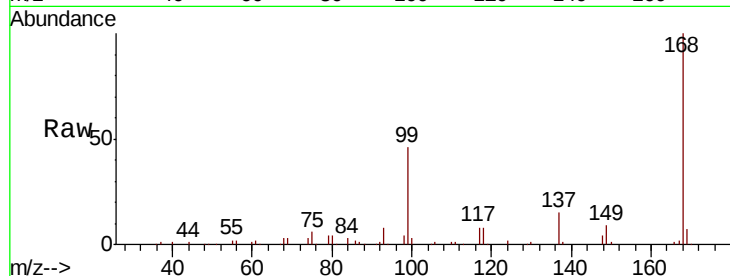
ClientSampled :

Tot Ion:168 Resp: 290315

Ion Ratio Lower Upper

168 100

99 46.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

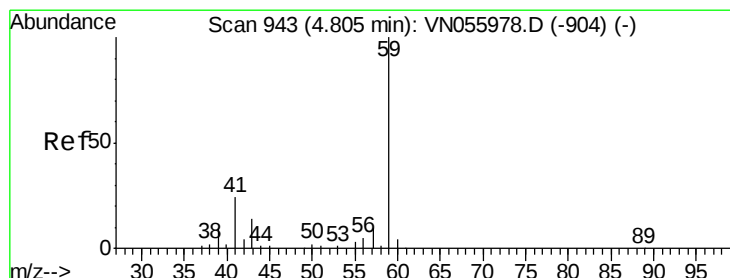
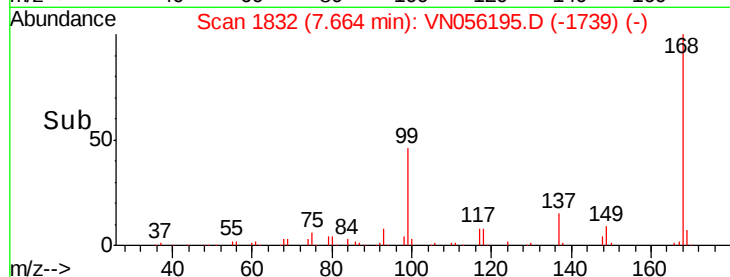
100000

50000

0

Time-->

7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 1.158 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.06 min

Lab File: VN056195.D

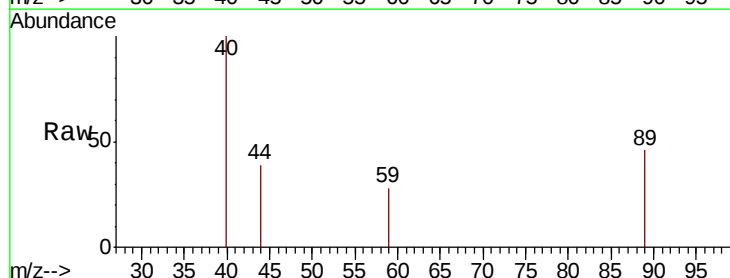
Acq: 11 Jun 2019 3:05

Tgt Ion: 59 Resp: 581

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.74

400

300

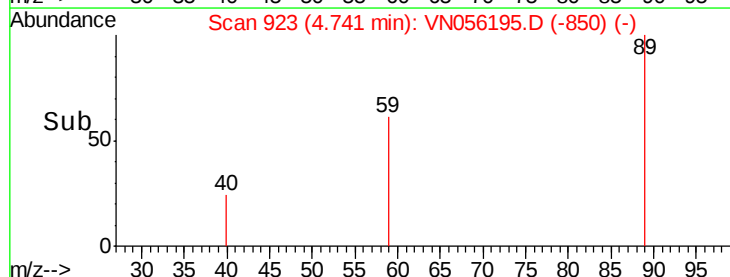
200

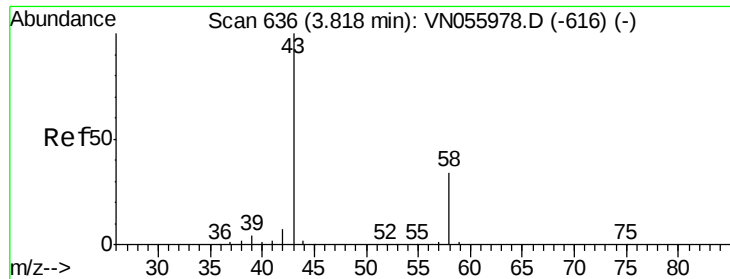
100

0

Time-->

4.70 4.72 4.74 4.76





#16

Acetone

Concen: 3.812 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

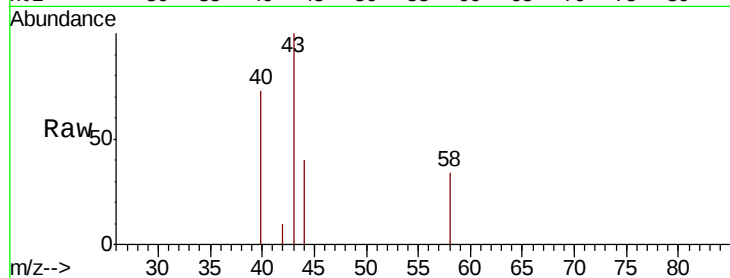
ClientSampled :

Tot Ion: 43 Resp: 5255

Ion Ratio Lower Upper

43 100

58 34.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

2000

1500

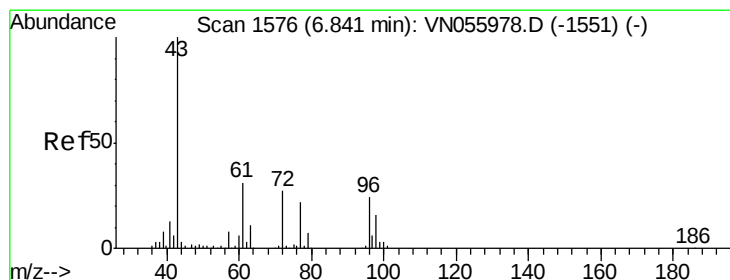
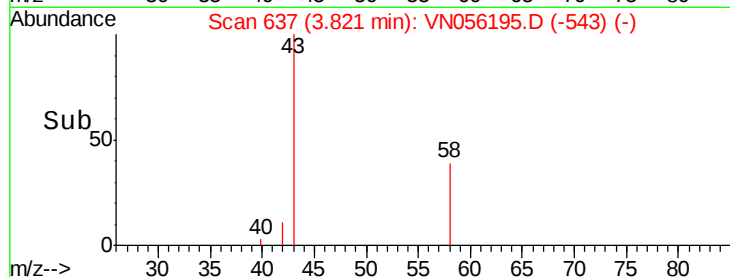
1000

500

0

3.75 3.80 3.85 3.90

Time-->



#25

2-Butanone

Concen: 0.243 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN056195.D

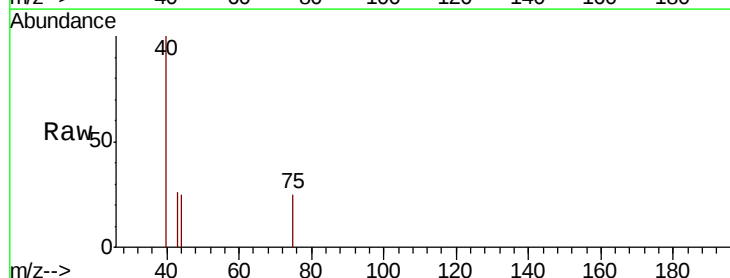
Acq: 11 Jun 2019 3:05

Tgt Ion: 43 Resp: 424

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

400

300

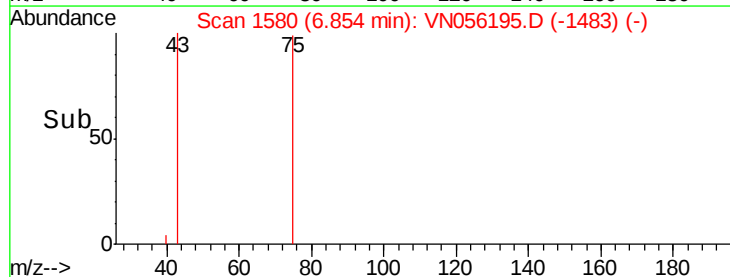
200

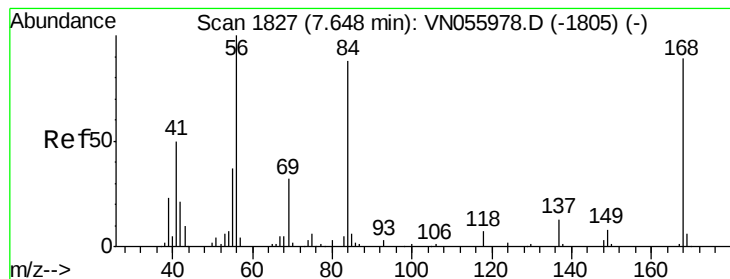
100

0

6.82 6.84 6.86

Time-->





#31

Cyclohexane

Concen: 0.917 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

ClientSampleId :

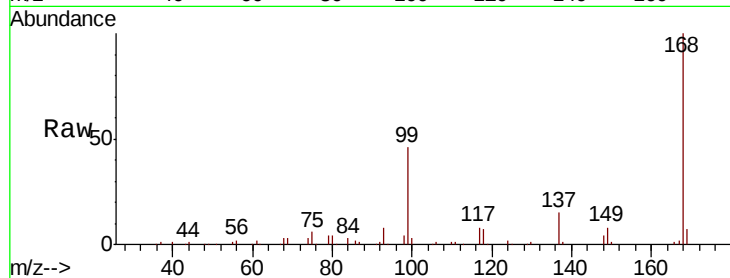
Tot Ion: 56 Resp: 4194

Ion Ratio Lower Upper

56 100

69 165.2 25.6 38.4#

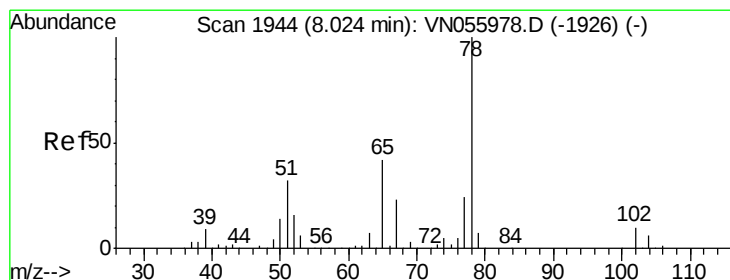
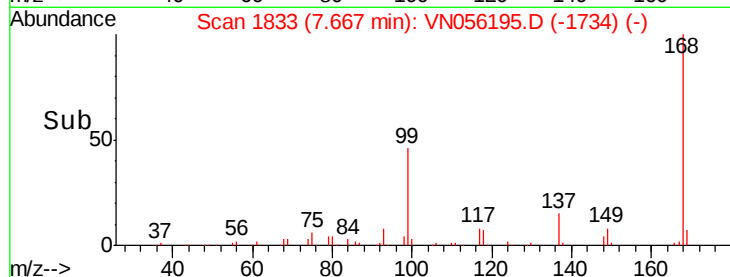
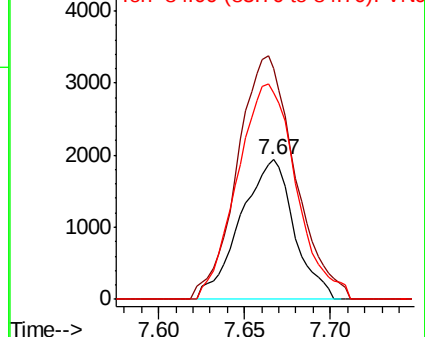
84 148.5 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VN055978.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN055978.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN055978.D (-1805) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.250 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056195.D

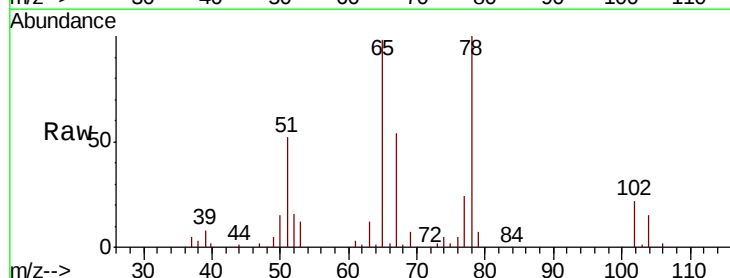
Acq: 11 Jun 2019 3:05

Tgt Ion: 65 Resp: 156380

Ion Ratio Lower Upper

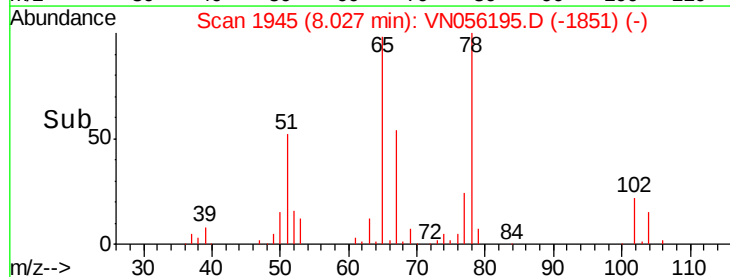
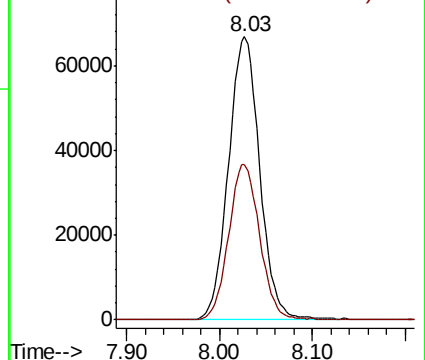
65 100

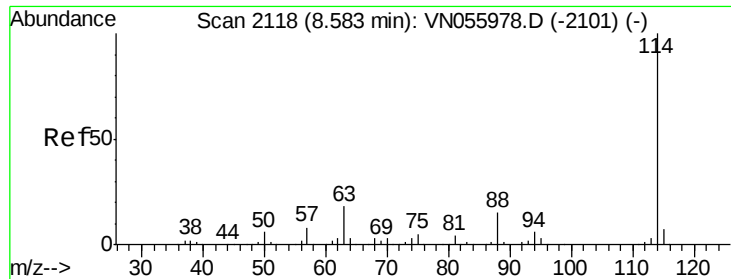
67 54.4 0.0 109.2



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

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

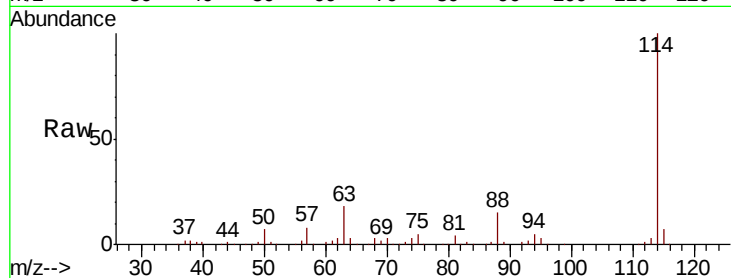




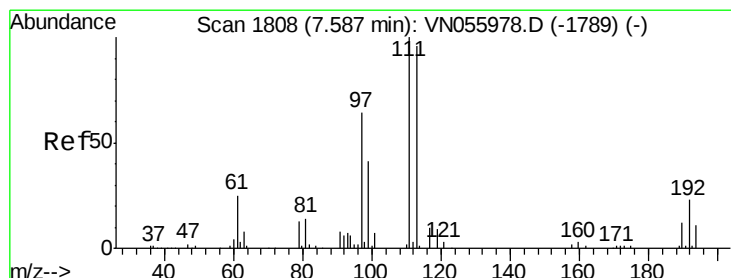
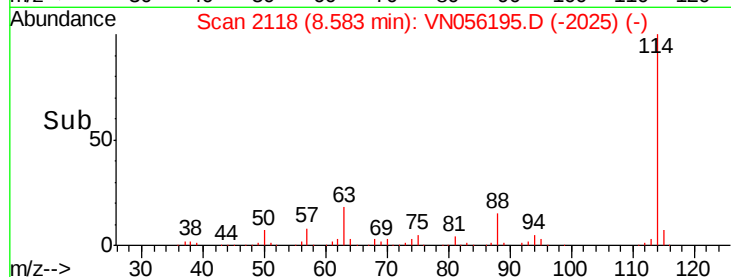
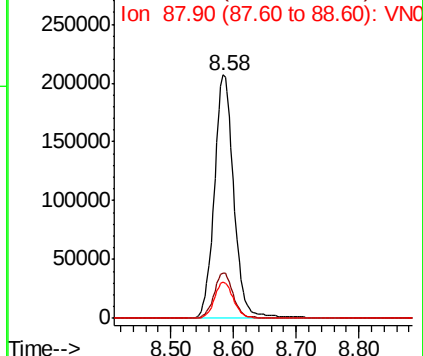
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 447007
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 14.8 0.0 31.0

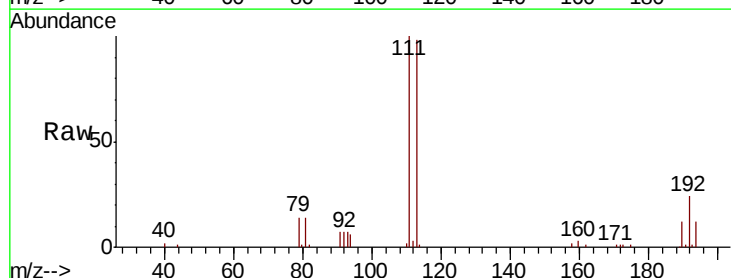


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

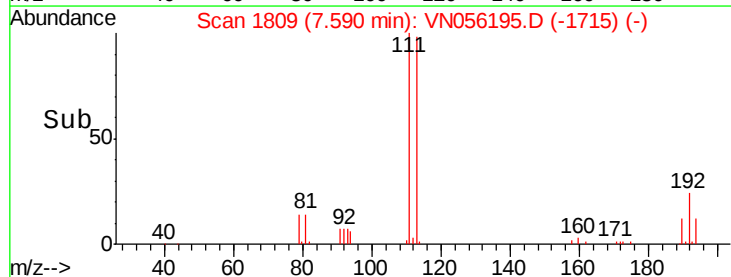
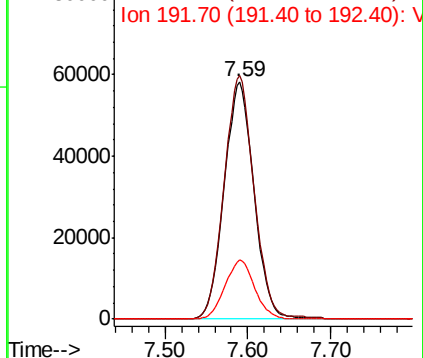


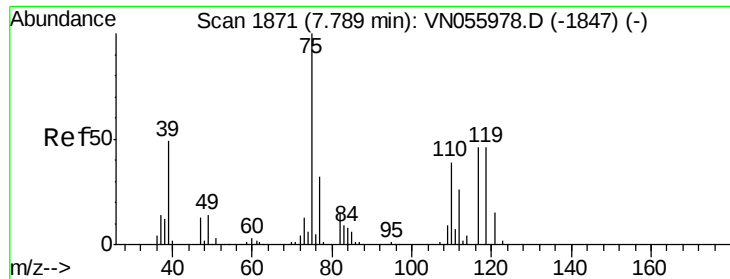
#35
 Dibromofluoromethane
 Concen: 53.034 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

Tgt Ion:113 Resp: 145447
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 24.8 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

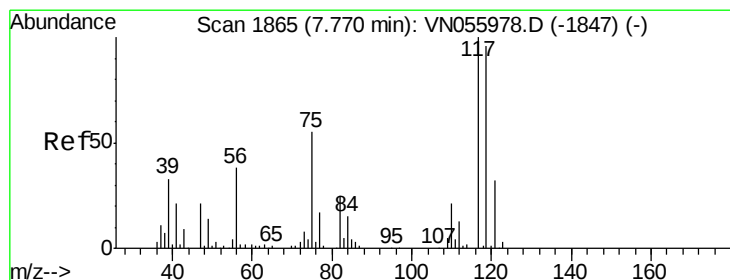
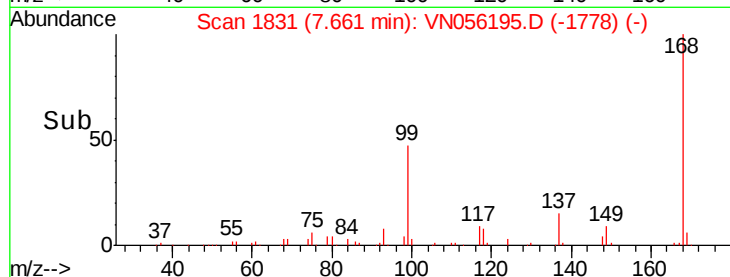
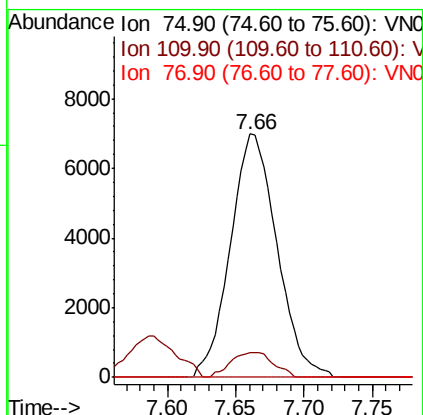
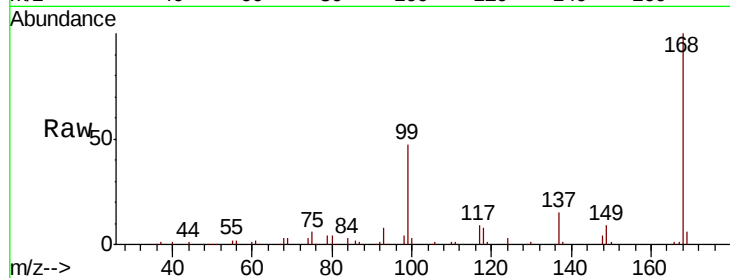




#36
 1,1-Dichloropropene
 Concen: 4.318 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

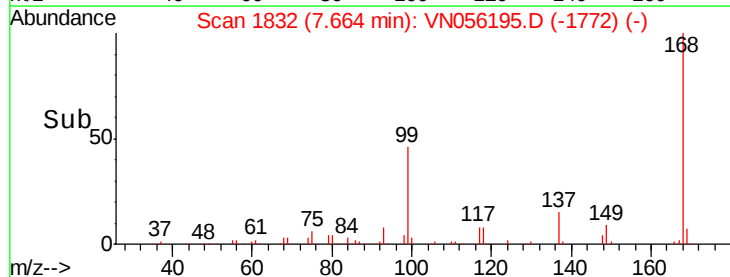
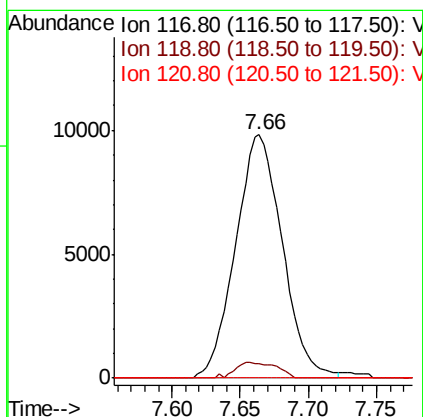
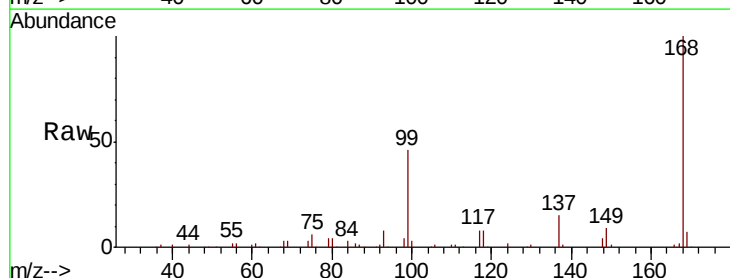
Instrument :
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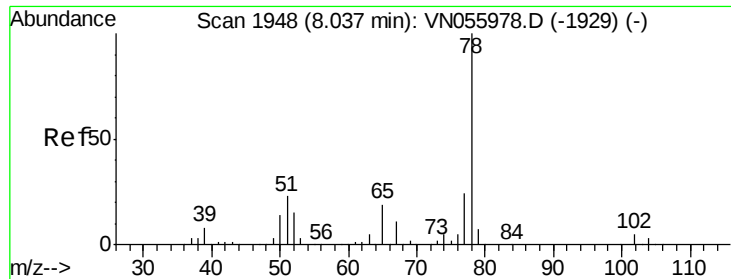
Tot Ion	75	Resp	16596
Ion Ratio	Lower	Upper	
75	100		
110	9.5	19.0	57.0#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.598 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

Tgt Ion	117	Resp	23380
Ion Ratio	Lower	Upper	
117	100		
119	5.7	79.0	118.6#
121	0.0	24.7	37.1#





#40

Benzene

Concen: 19.434 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

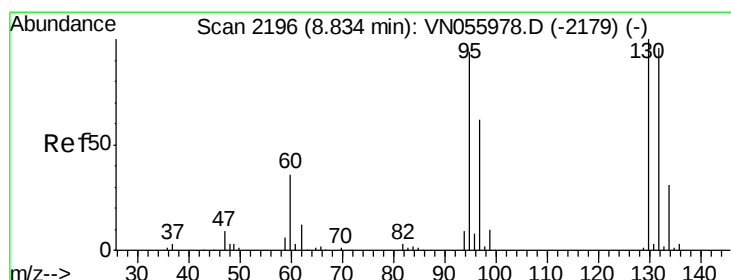
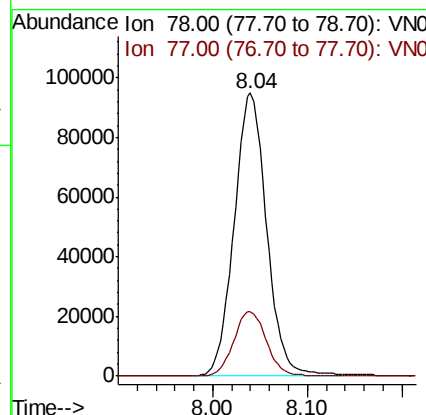
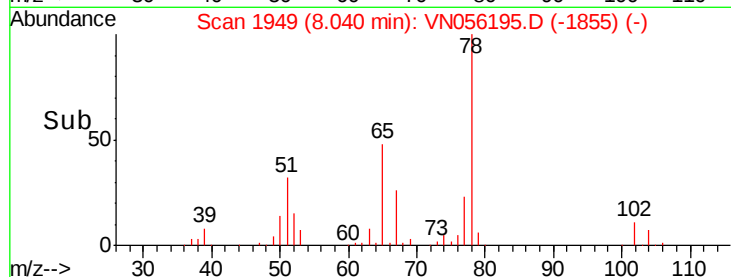
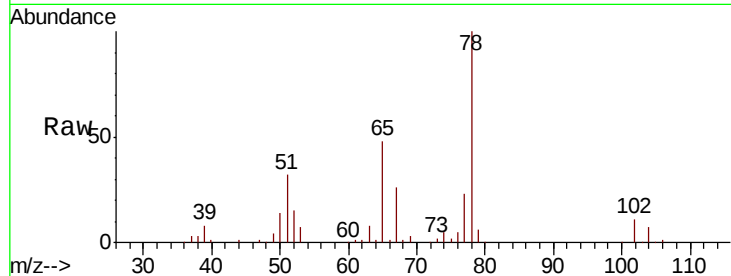
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 78 Resp: 226877

Ion Ratio Lower Upper

78 100

77 22.8 18.8 28.2



#44

Trichloroethene

Concen: 0.238 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056195.D

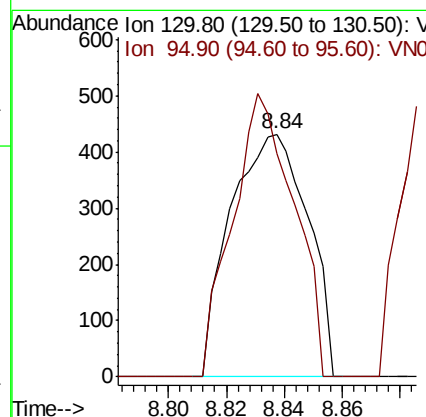
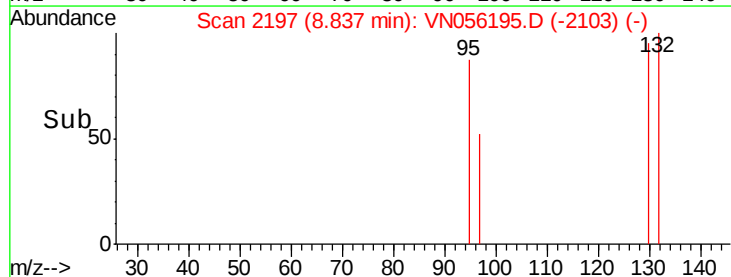
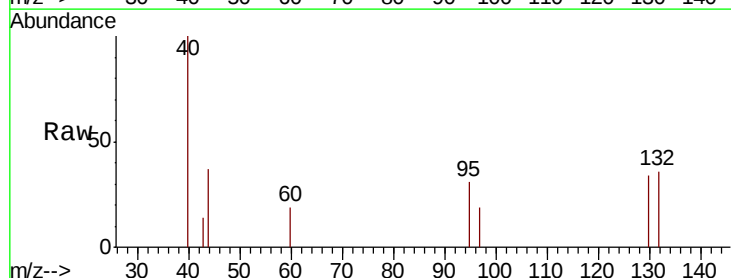
Acq: 11 Jun 2019 3:05

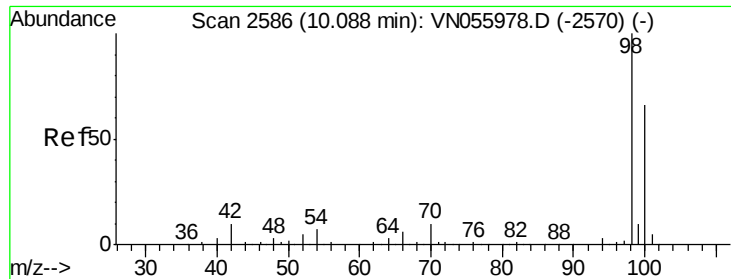
Tgt Ion: 130 Resp: 797

Ion Ratio Lower Upper

130 100

95 91.7 0.0 188.0





#50

Toluene-d8

Concen: 54.656 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

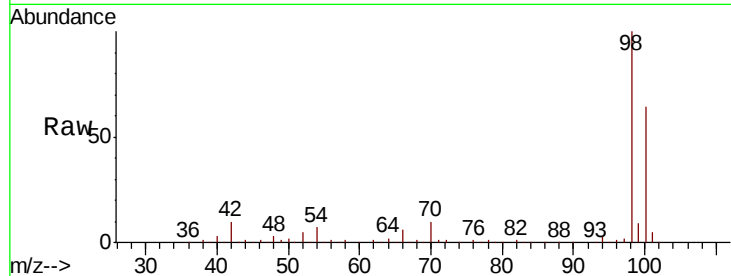
ClientSampled :

Tot Ion: 98 Resp: 576800

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

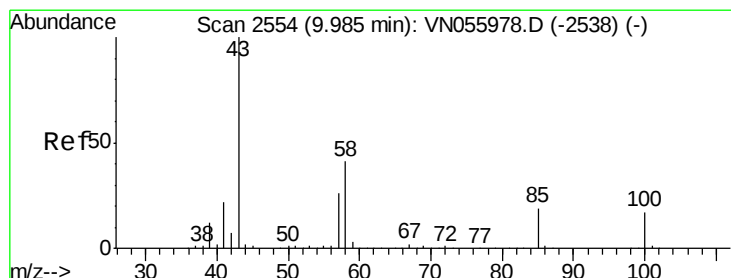
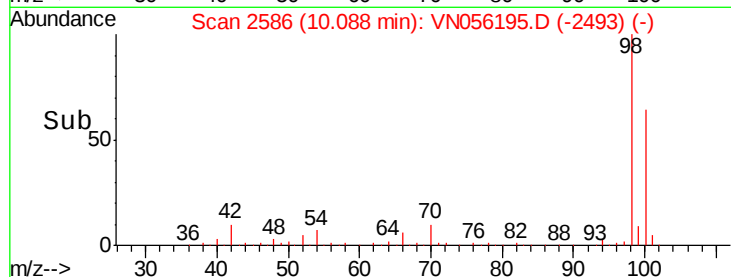
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.247 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN056195.D

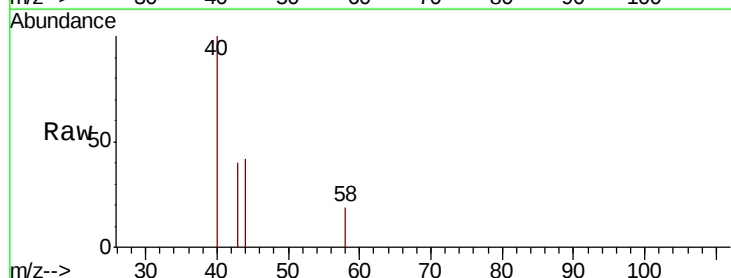
Acq: 11 Jun 2019 3:05

Tgt Ion: 43 Resp: 856

Ion Ratio Lower Upper

43 100

58 31.7 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

500

400

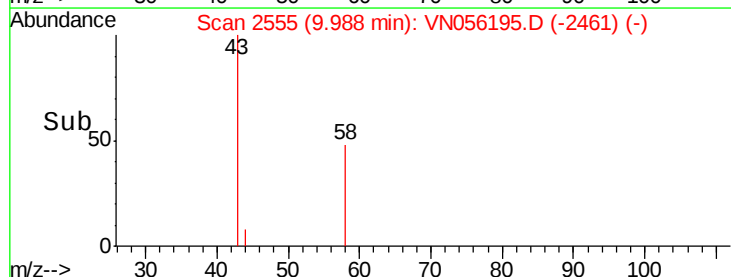
300

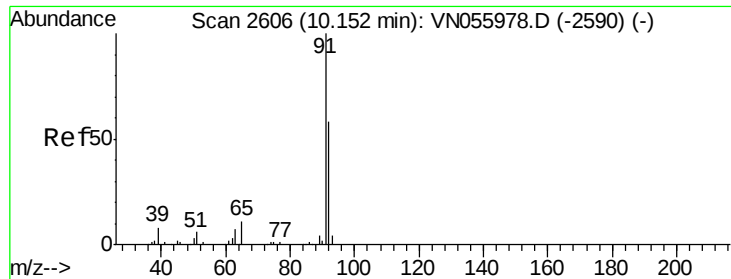
200

100

0

Time-->





#52

Toluene

Concen: 23.963 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

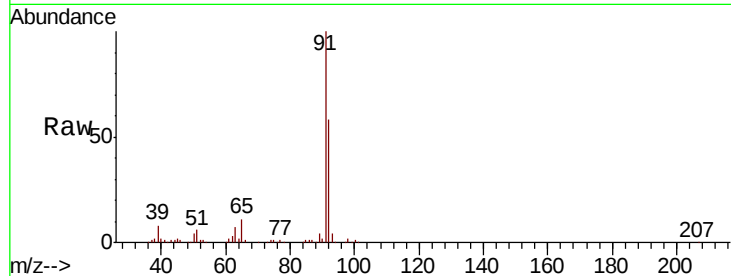
ClientSampled :

Tot Ion: 92 Resp: 174072

Ion Ratio Lower Upper

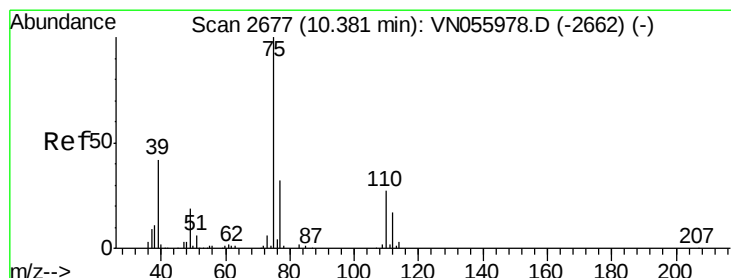
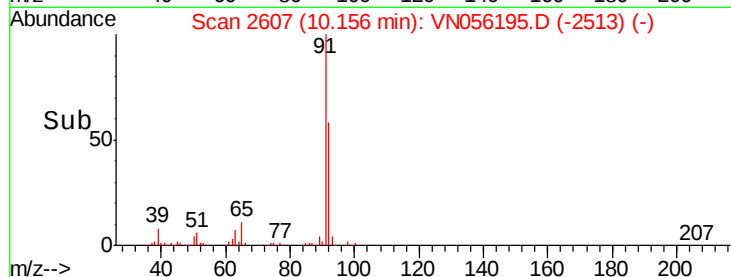
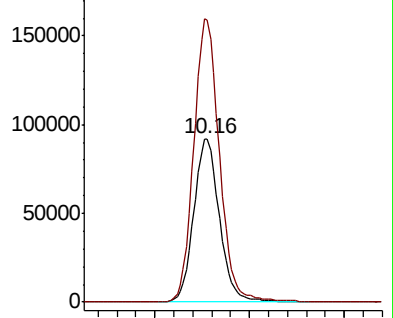
92 100

91 173.4 139.4 209.2



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: 2.776 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.23 min

Lab File: VN056195.D

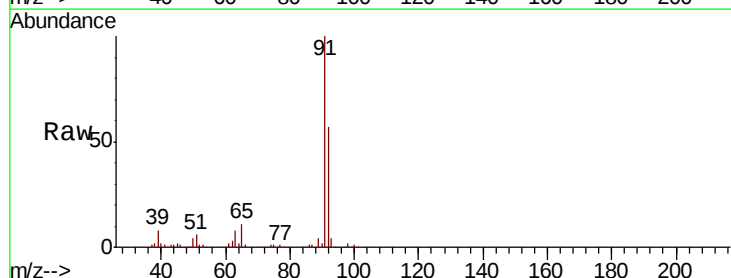
Acq: 11 Jun 2019 3:05

Tgt Ion: 75 Resp: 1650

Ion Ratio Lower Upper

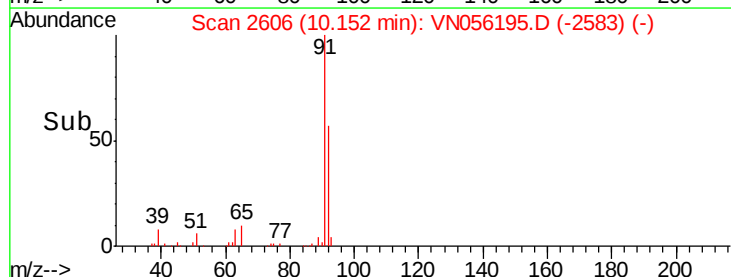
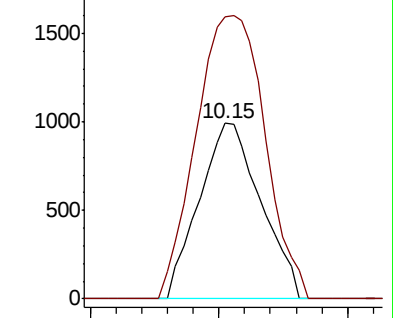
75 100

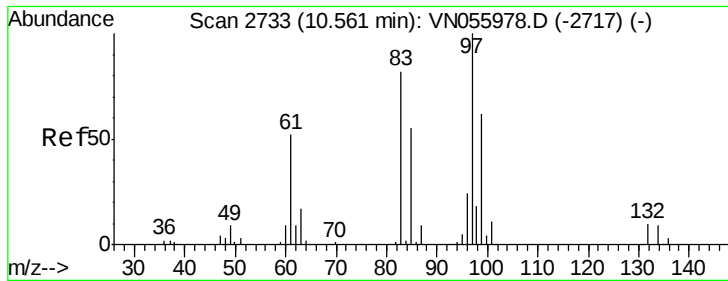
77 160.7 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

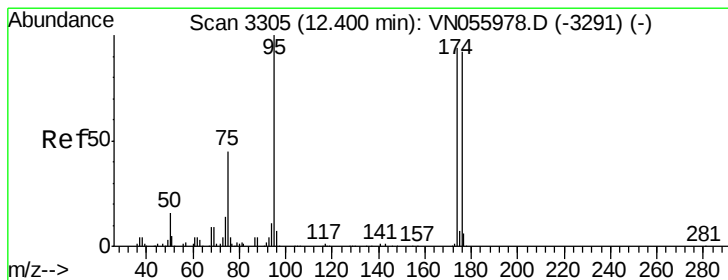
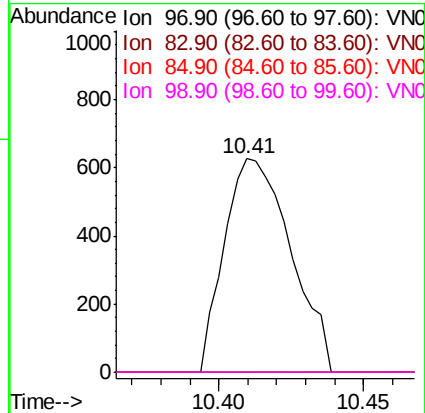
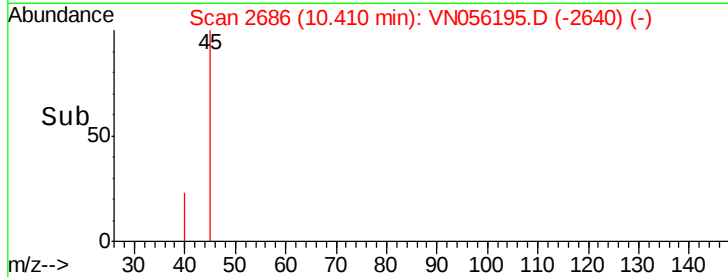
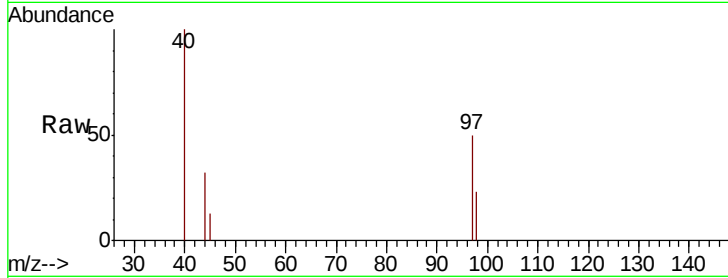




#55
 1,1,2-Trichloroethane
 Concen: 0.346 ug/l
 RT: 10.41 min Scan# 2686
 Delta R.T. -0.15 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

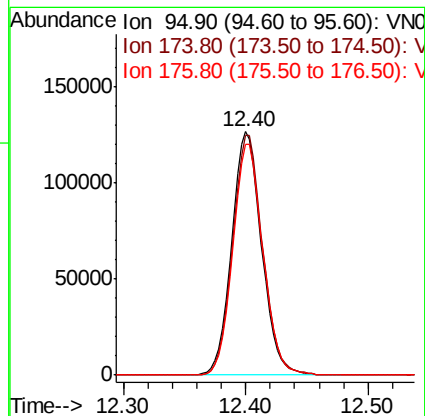
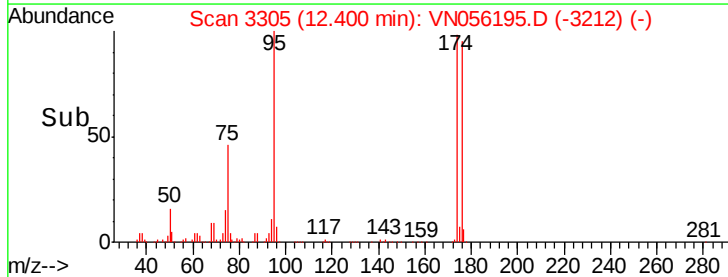
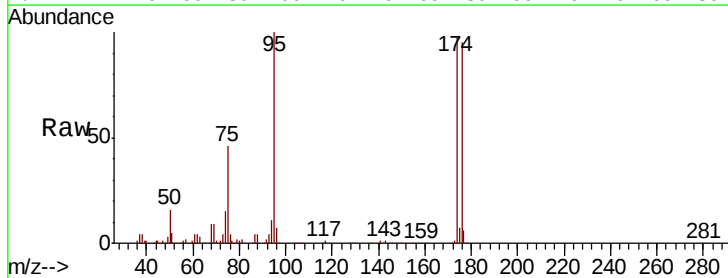
Instrument :
 MSVOA_N
 ClientSampleId :

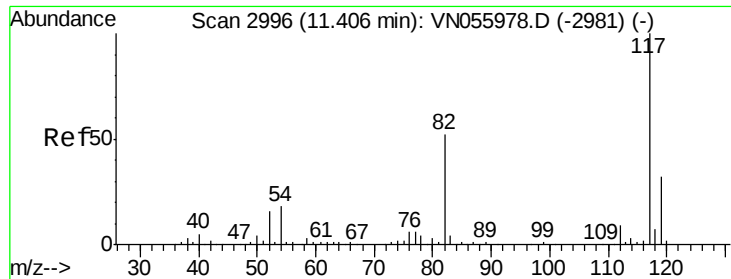
Tot Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.0	100.6#
85	0.0	44.0	66.0#
99	0.0	50.6	75.8#



#62
 4-Bromofluorobenzene
 Concen: 60.203 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	191.0
176	95.5	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: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

ClientSampleId :

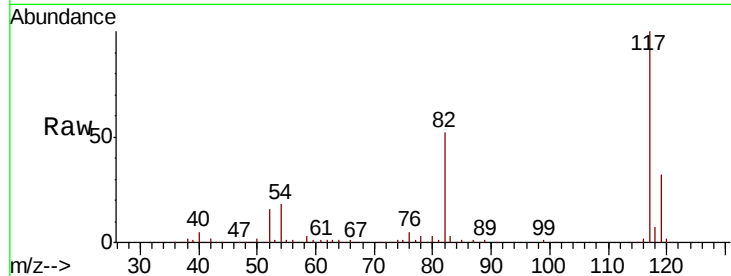
Tot Ion:117 Resp: 448740

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

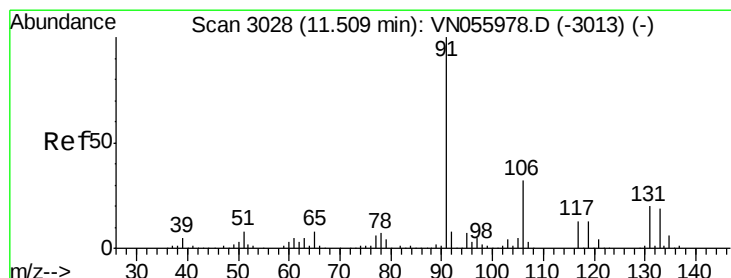
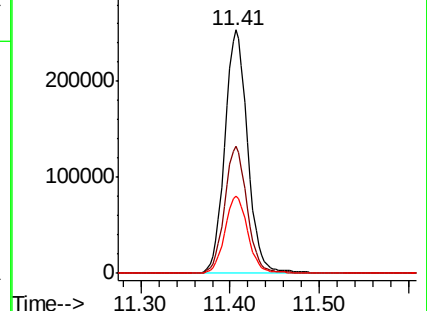
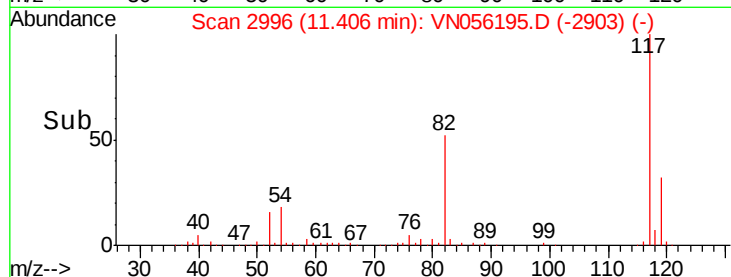
119 32.0 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 10.814 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN056195.D

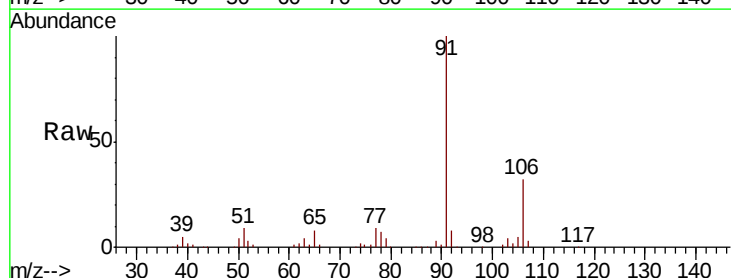
Acq: 11 Jun 2019 3:05

Tgt Ion: 91 Resp: 167938

Ion Ratio Lower Upper

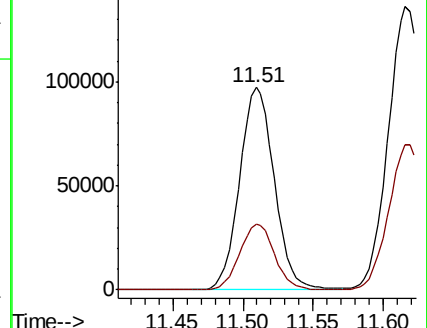
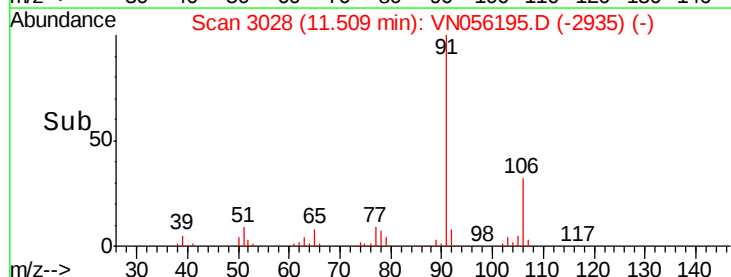
91 100

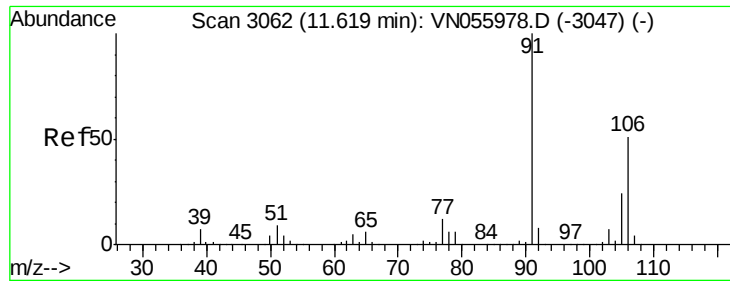
106 32.3 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 106.00 (105.70 to 106.70): V

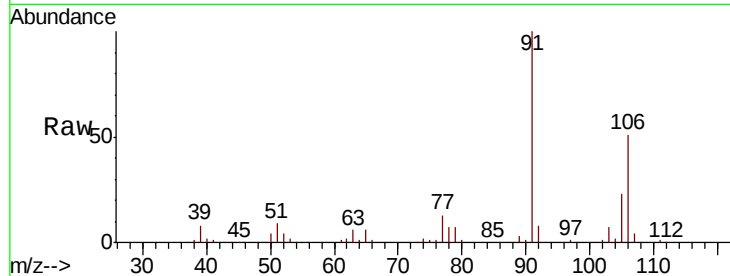




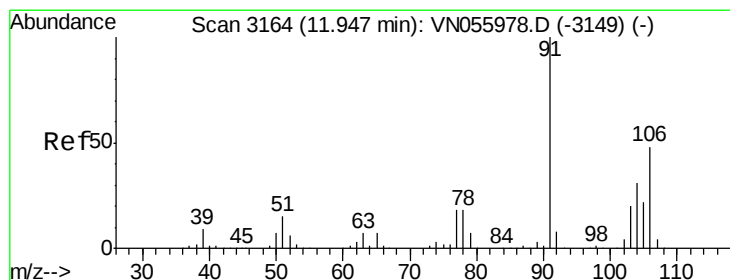
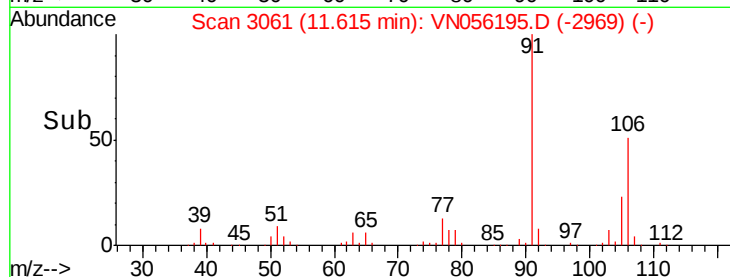
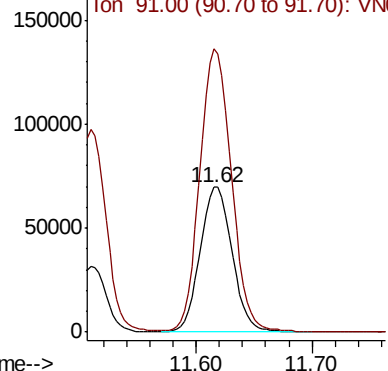
#68
m/p-Xylenes
Concen: 22.409 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 132940
Ion Ratio Lower Upper
106 100
91 193.6 159.3 238.9

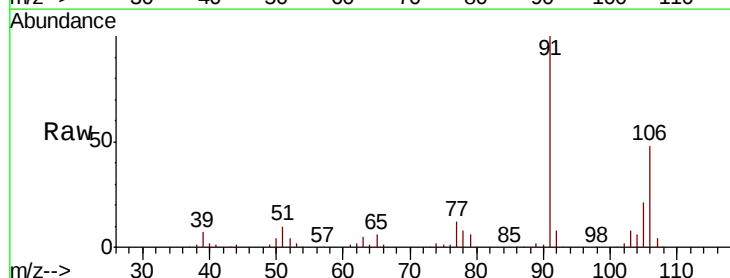


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

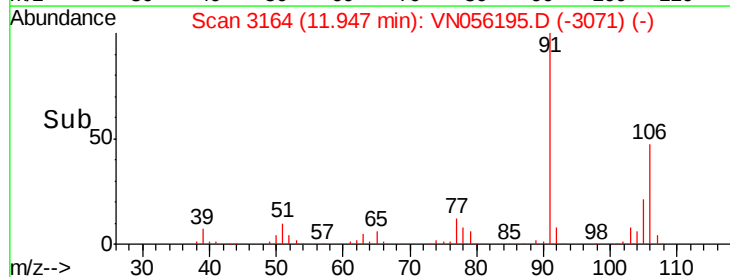
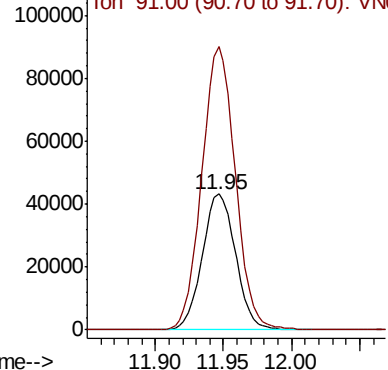


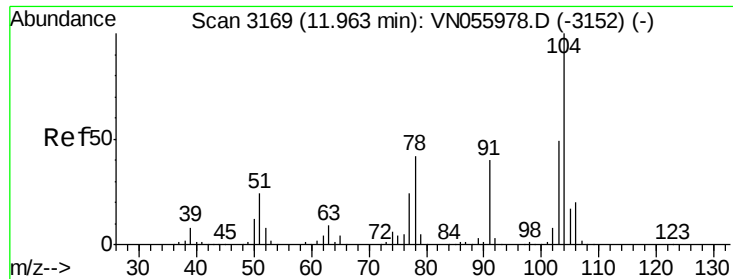
#69
o-Xylene
Concen: 12.576 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

Tgt Ion:106 Resp: 73387
Ion Ratio Lower Upper
106 100
91 209.6 104.7 314.1



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

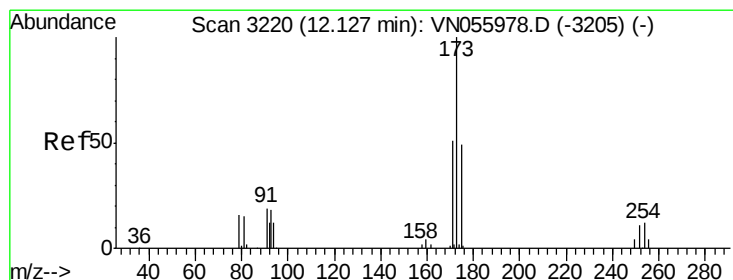
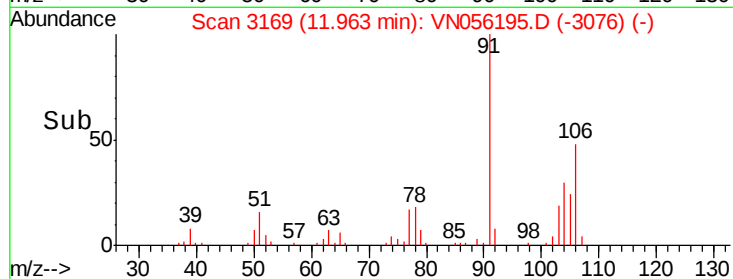
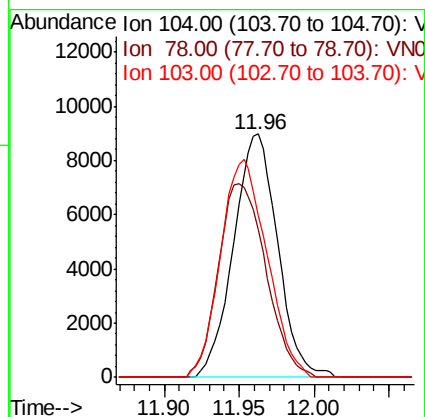
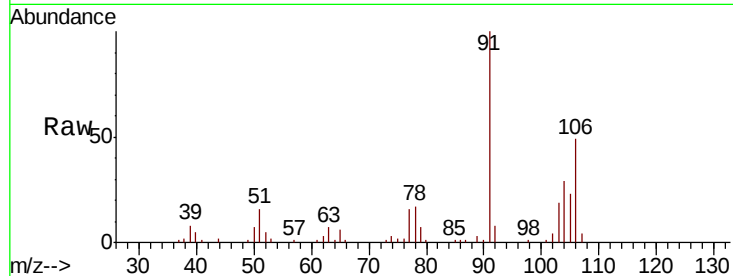




#70
Stvrene
Concen: 1.985 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

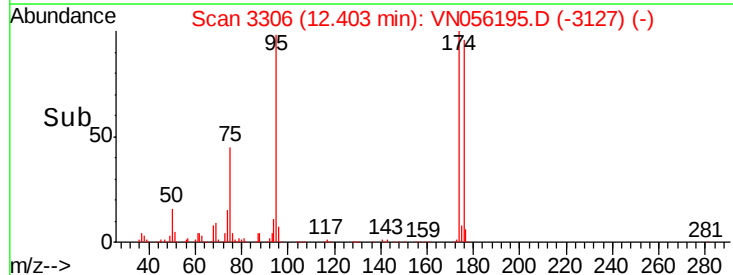
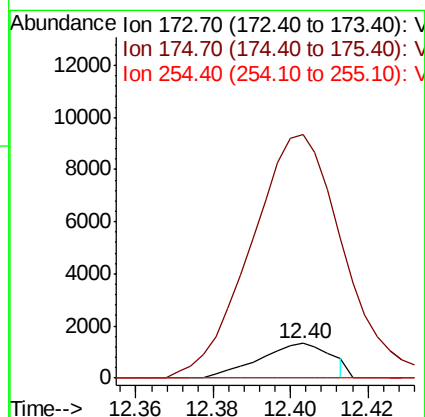
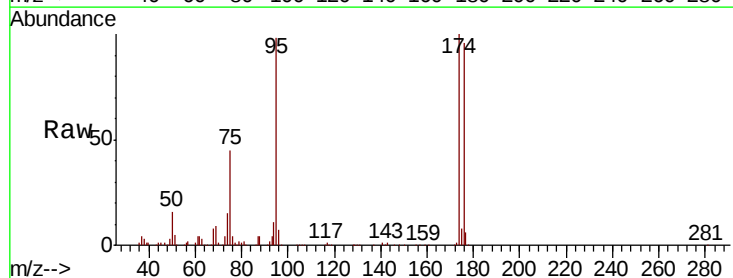
Instrument :
MSVOA_N
ClientSampleId :

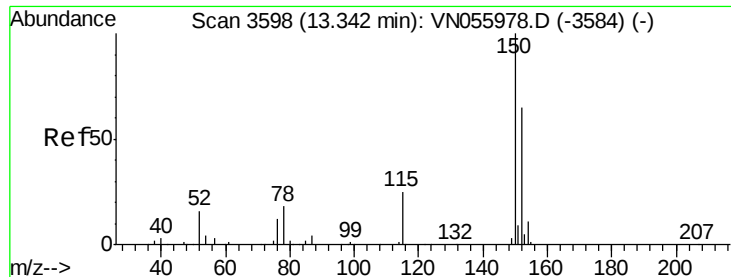
Tot Ion:104 Resp: 18404
Ion Ratio Lower Upper
104 100
78 85.8 37.8 56.6#
103 94.2 44.2 66.2#



#71
Bromoform
Concen: 3.367 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

Tgt Ion:173 Resp: 1713
Ion Ratio Lower Upper
173 100
175 788.3 24.3 72.8#
254 0.0 0.0 0.0



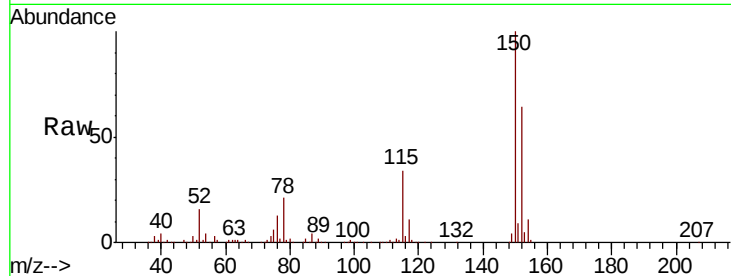


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.4	27.0	81.0
150	156.2	0.0	343.2

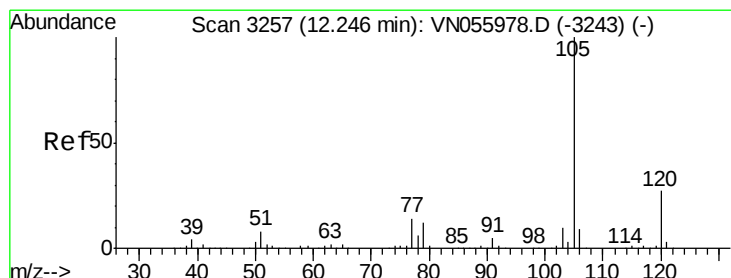
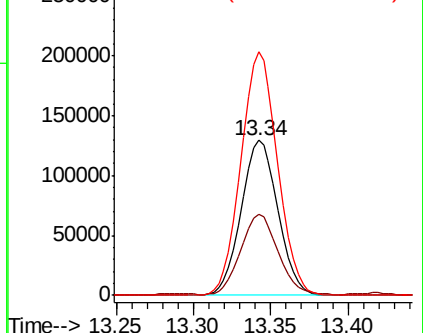
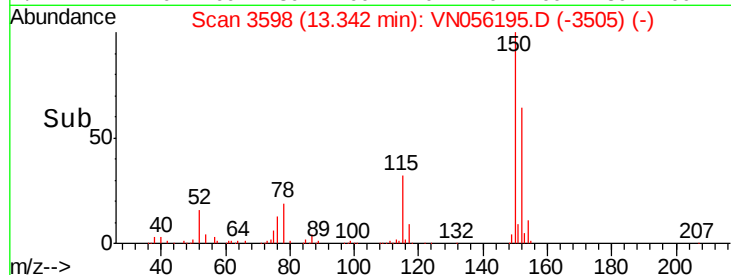


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

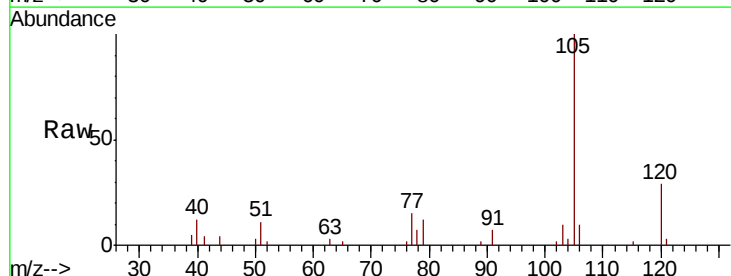
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

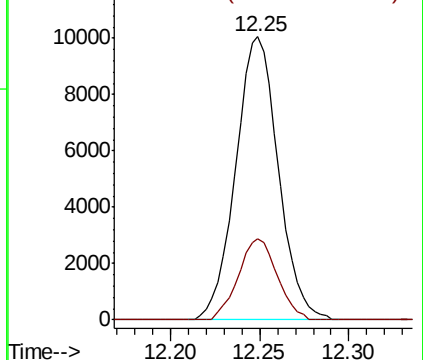
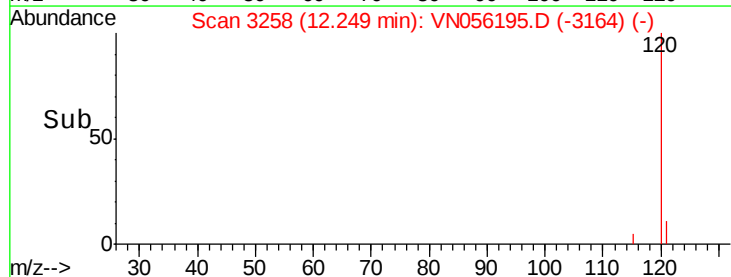
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.6	40.7

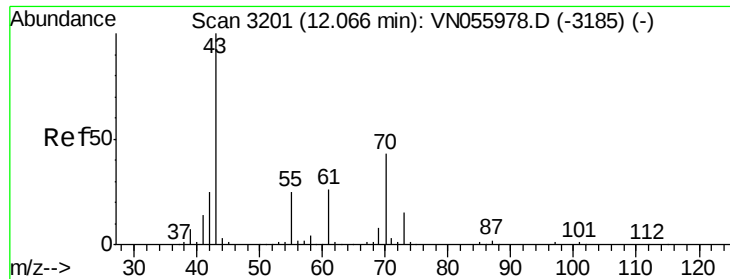


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.395 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2252

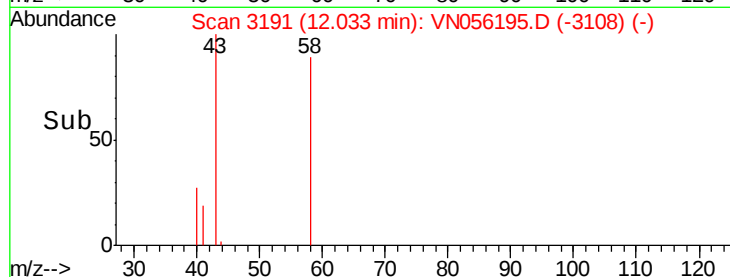
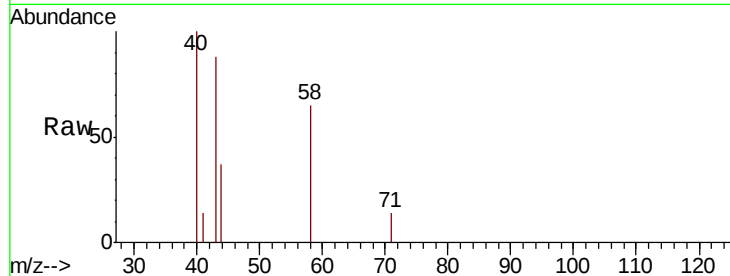
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#

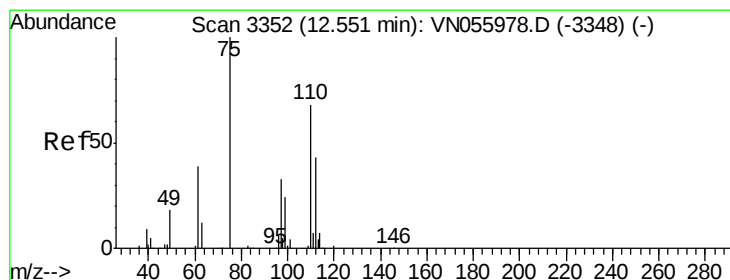
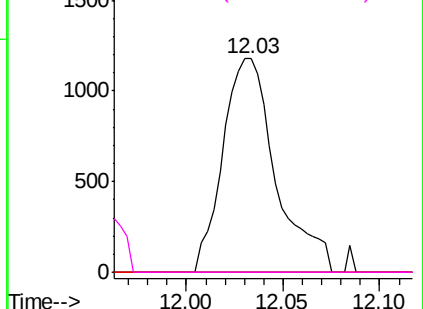


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 25.154 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056195.D

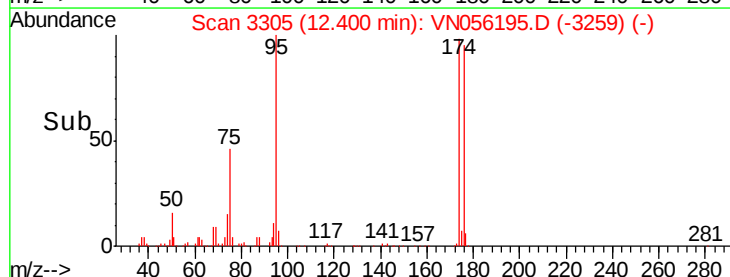
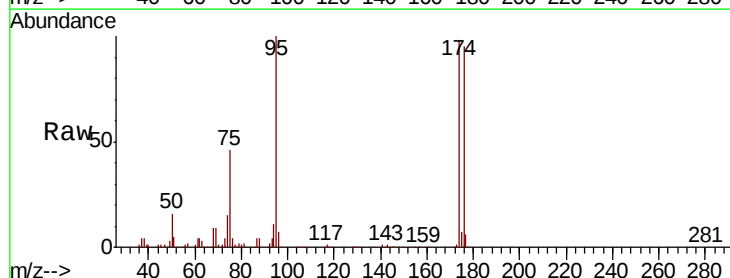
Acq: 11 Jun 2019 3:05

Tgt Ion: 75 Resp: 99041

Ion Ratio Lower Upper

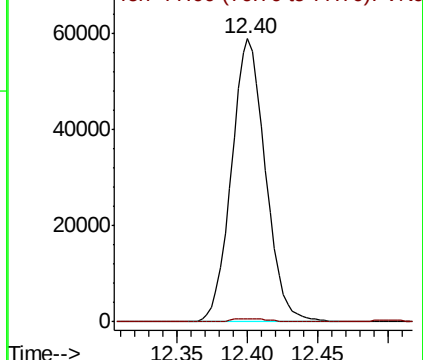
75 100

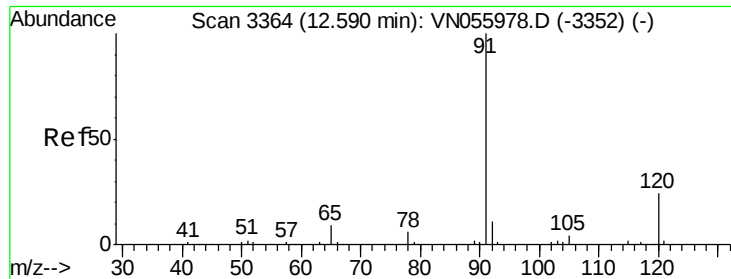
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.509 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

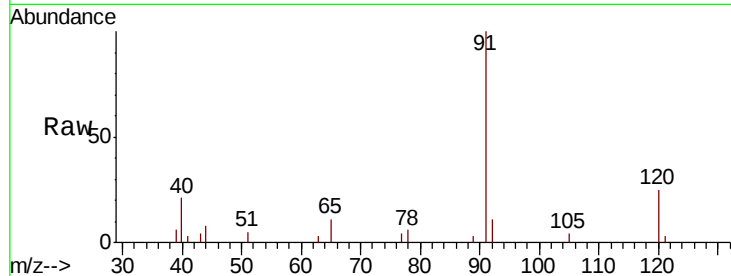
ClientSampleId :

Tot Ion: 91 Resp: 9223

Ion Ratio Lower Upper

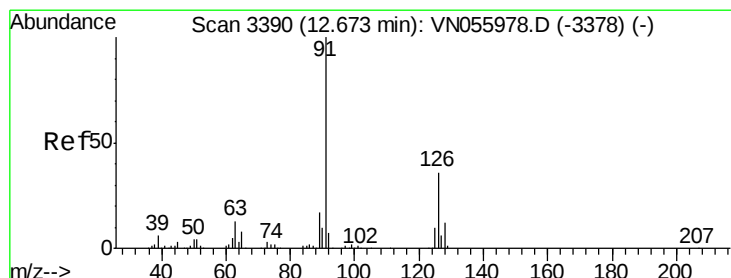
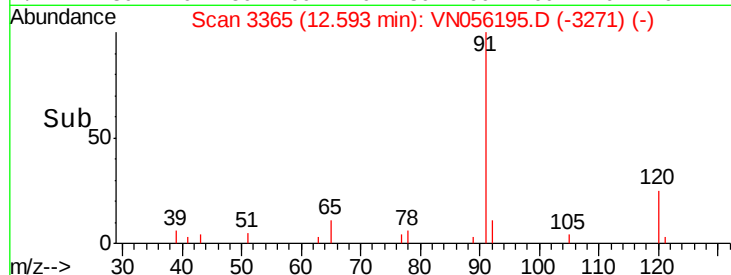
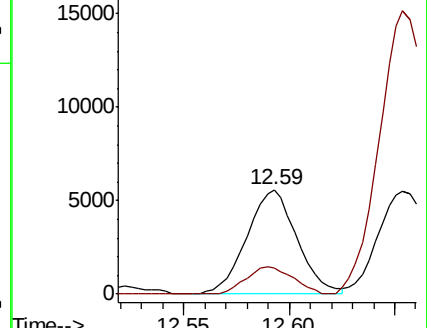
91 100

120 24.5 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: Below Cal

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN056195.D

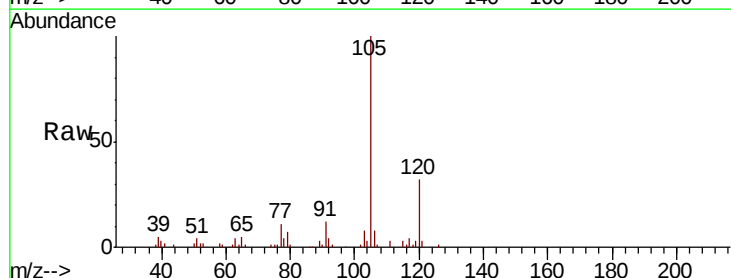
Acq: 11 Jun 2019 3:05

Tgt Ion: 91 Resp: 9436

Ion Ratio Lower Upper

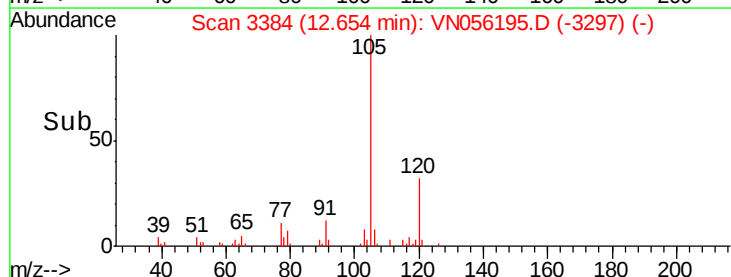
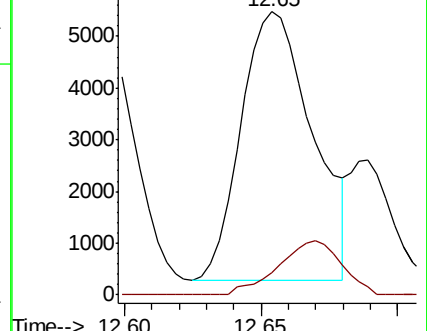
91 100

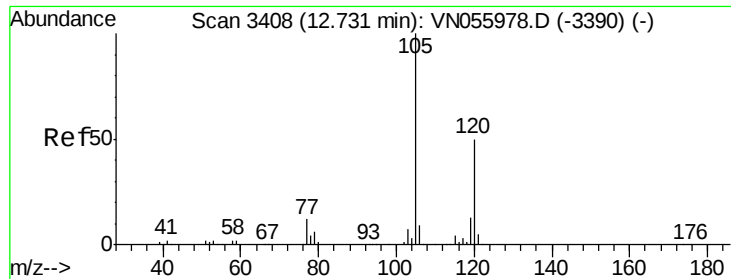
126 17.9 18.1 54.4#



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: 2.676 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

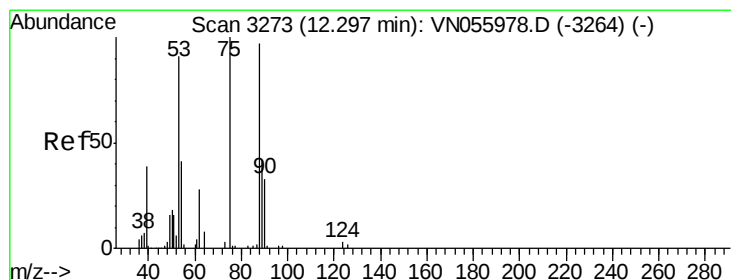
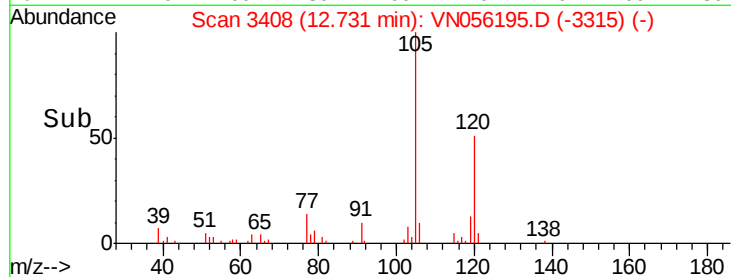
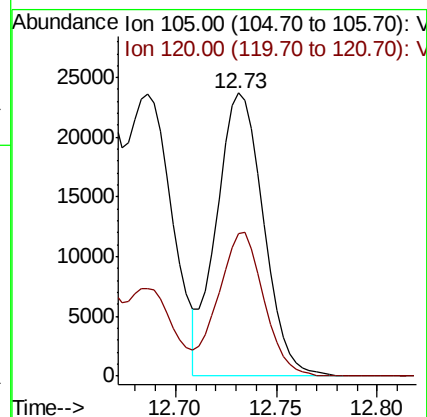
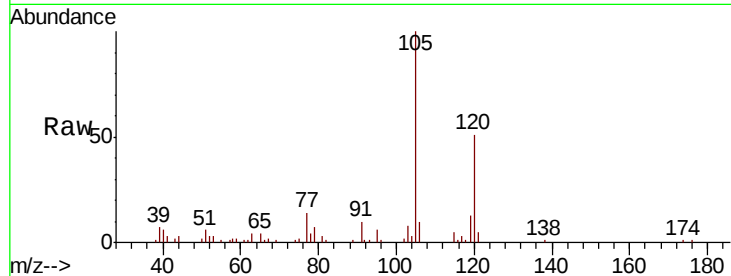
ClientSampled :

Tot Ion:105 Resp: 38499

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 83.766 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

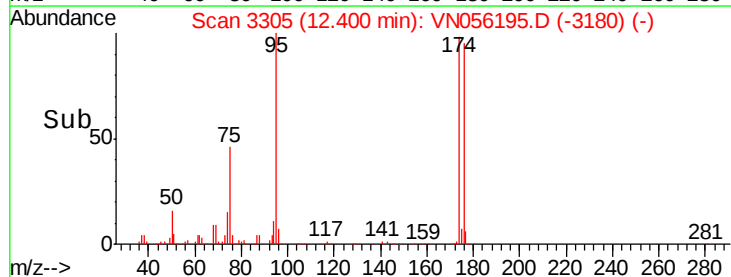
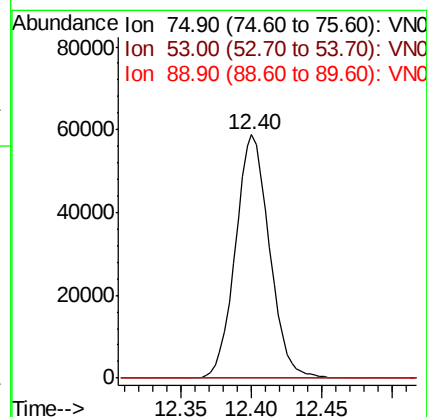
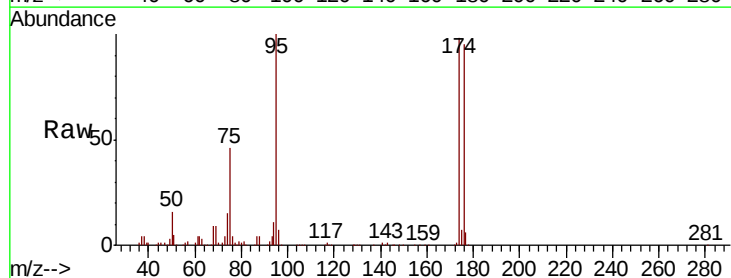
Tgt Ion: 75 Resp: 99041

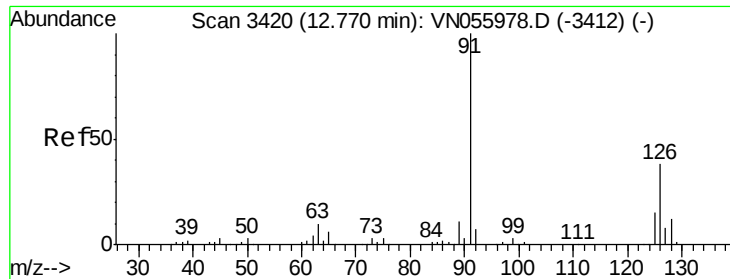
Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#

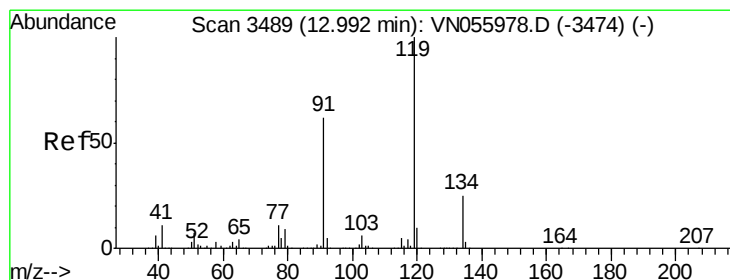
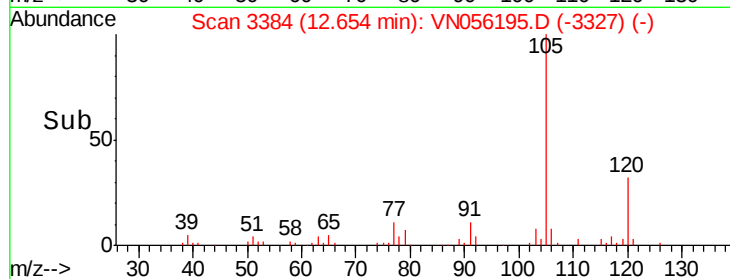
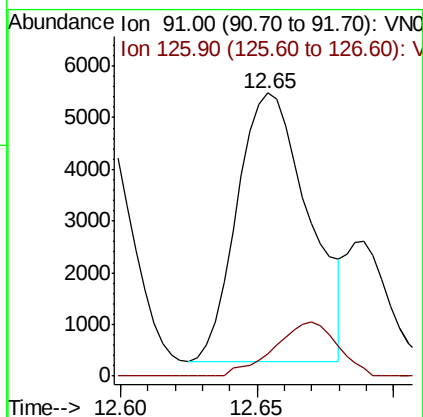
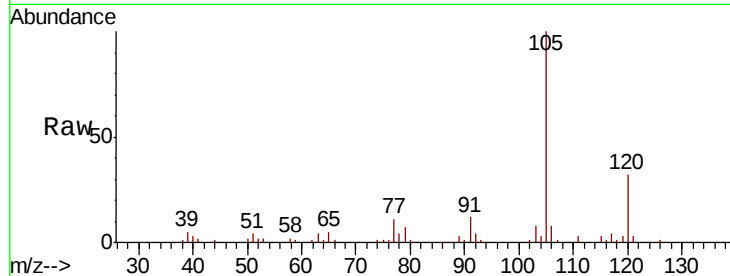




#82
4-Chlorotoluene
Concen: 0.891 ug/l
RT: 12.65 min Scan# 3384
Delta R.T. -0.12 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

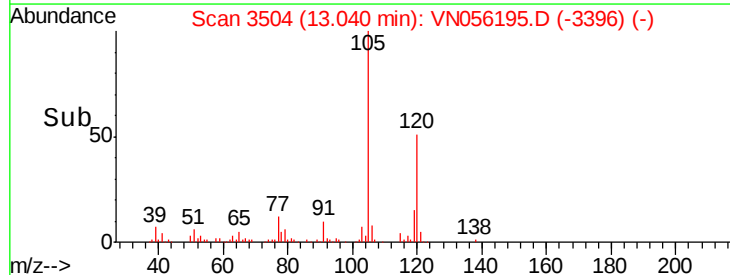
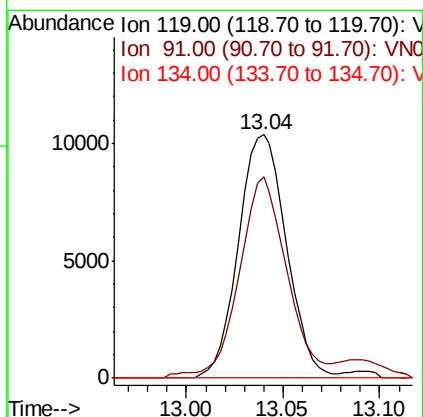
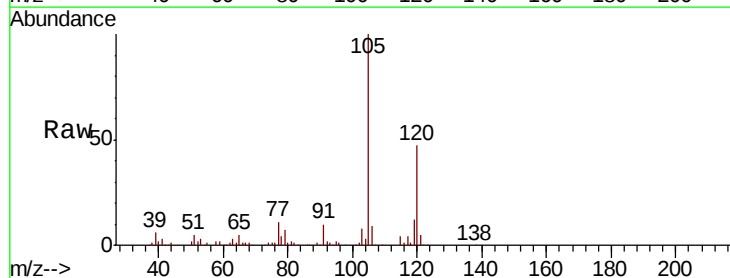
Instrument :
MSVOA_N
ClientSampled :

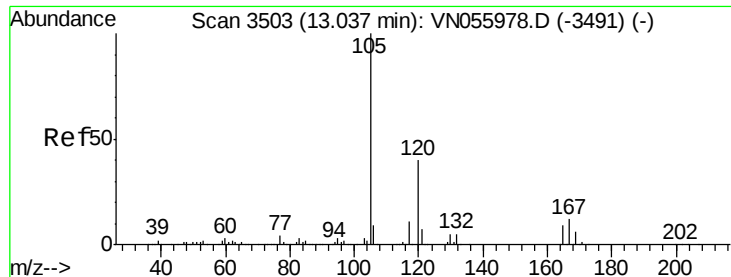
Tot Ion: 91 Resp: 9436
Ion Ratio Lower Upper
91 100
126 17.9 17.8 53.3



#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

Tgt Ion: 119 Resp: 17932
Ion Ratio Lower Upper
119 100
91 82.0 30.9 92.8
134 0.0 13.3 39.8#

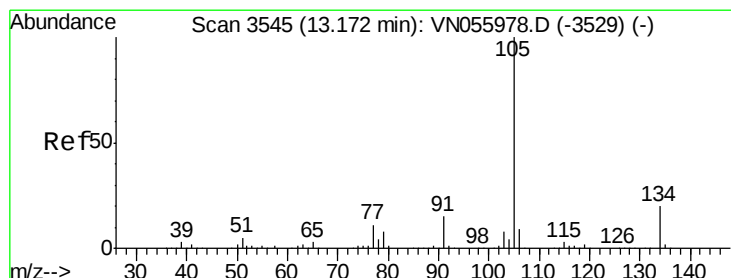
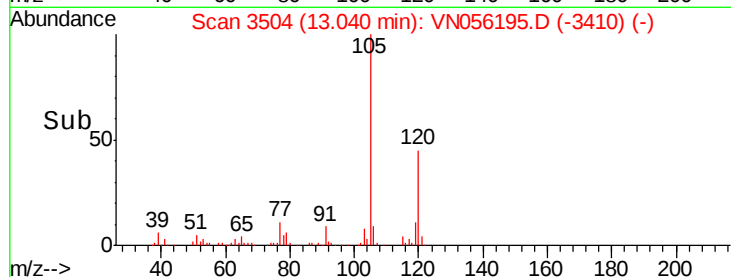
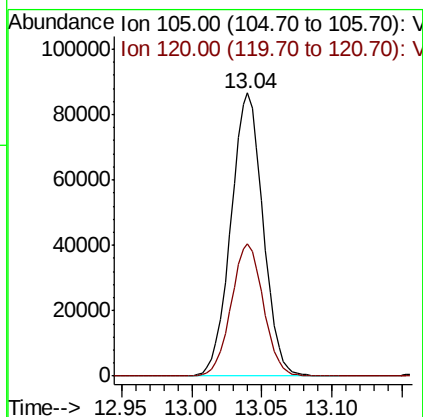
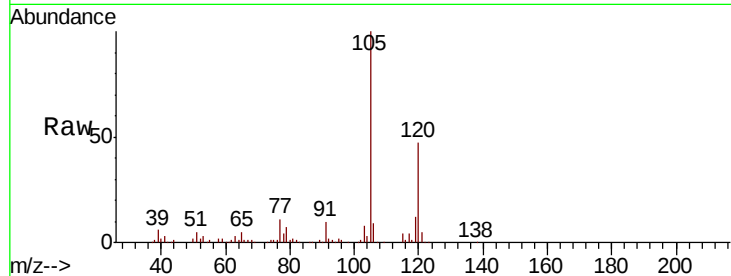




#84
 1,2,4-Trimethylbenzene
 Concen: 10.100 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

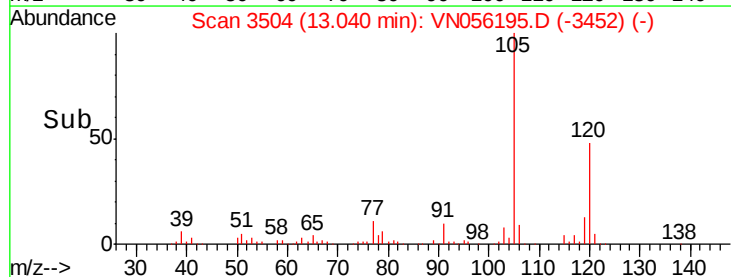
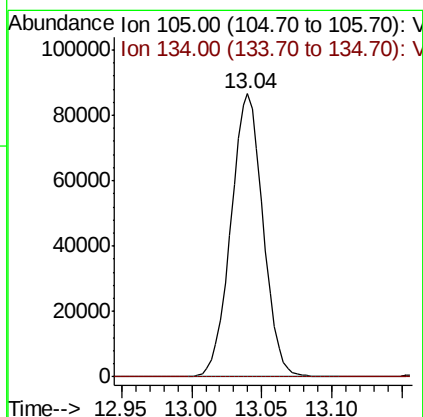
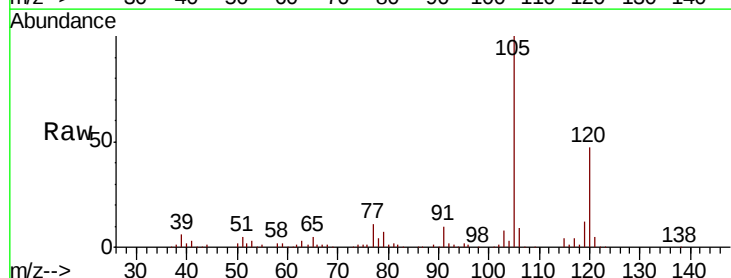
Instrument :
 MSVOA_N
 ClientSampled :

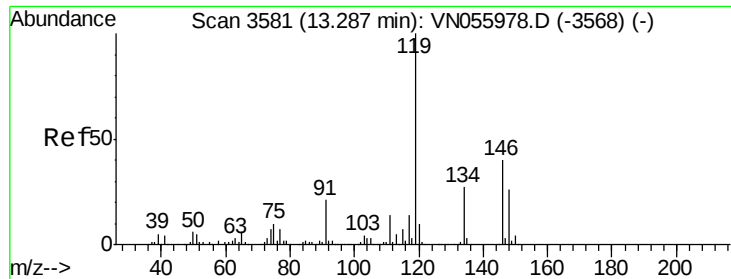
Tot Ion:105 Resp: 137800
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 8.595 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

Tgt Ion:105 Resp: 137800
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#

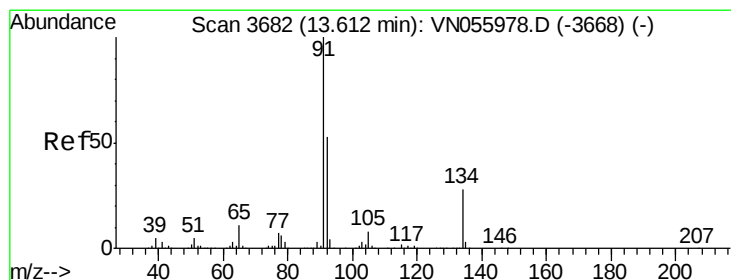
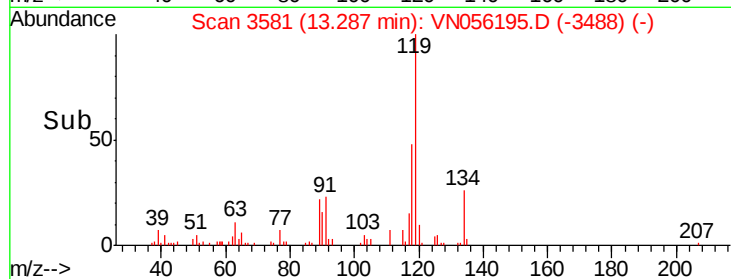
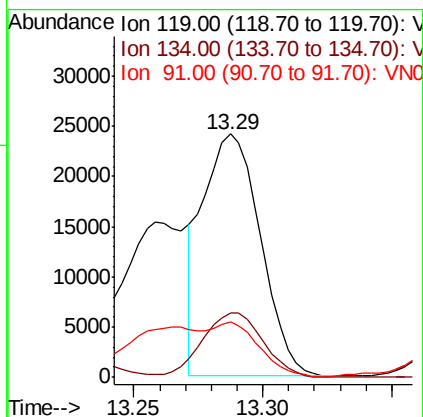
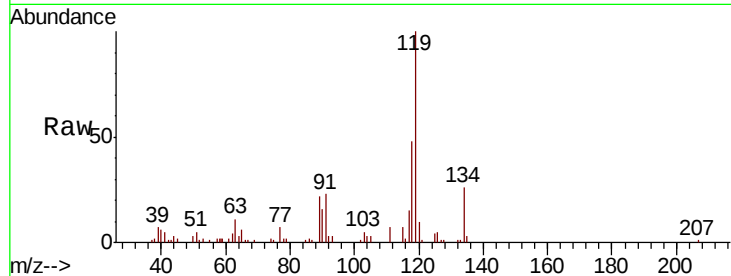




#86
p-Isopropyltoluene
Concen: 2.587 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

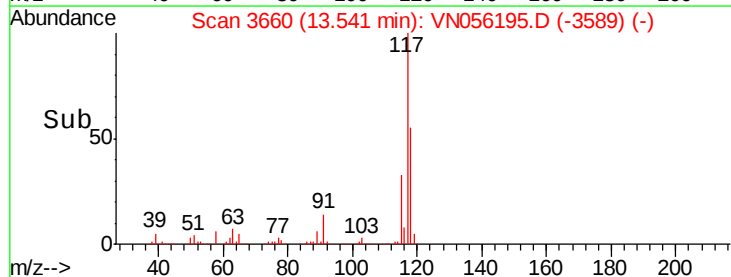
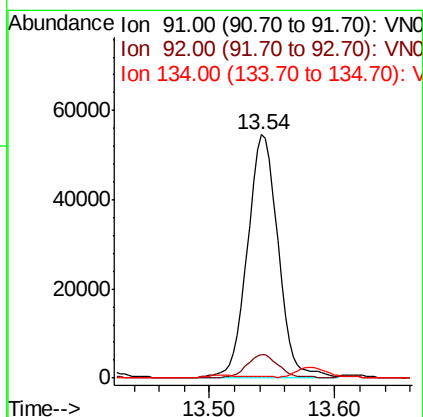
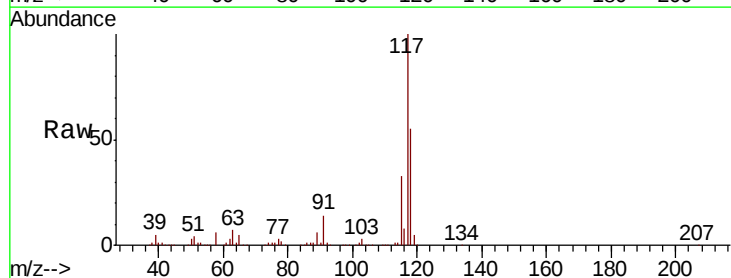
Instrument :
MSVOA_N
ClientSampled :

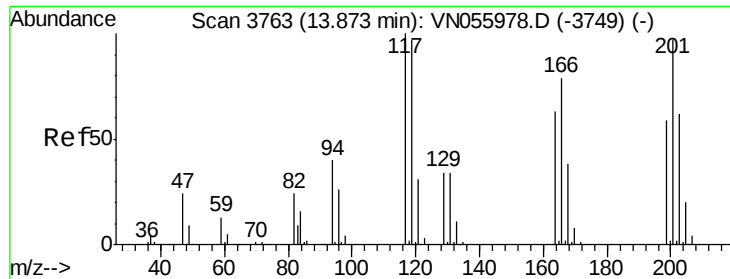
Tot Ion:119 Resp: 37118
Ion Ratio Lower Upper
119 100
134 28.2 13.4 40.1
91 0.0 10.9 32.9#



#89
n-Butylbenzene
Concen: 8.826 ug/l
RT: 13.54 min Scan# 3660
Delta R.T. -0.07 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

Tgt Ion: 91 Resp: 93815
Ion Ratio Lower Upper
91 100
92 10.1 26.4 79.0#
134 0.0 13.9 41.7#





#90

Hexachloroethane

Concen: 2.255 ug/l

RT: 13.95 min Scan# 3786

Delta R.T. 0.07 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

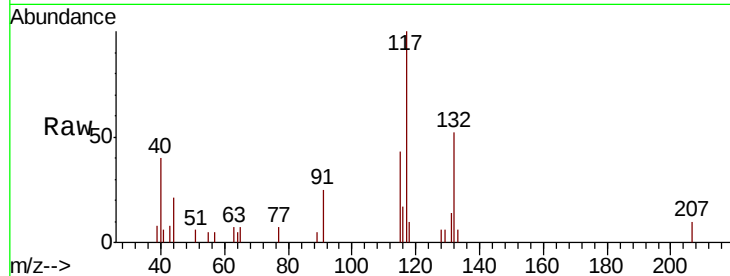
ClientSampleId :

Tot Ion:117 Resp: 4879

Ion Ratio Lower Upper

117 100

201 0.0 50.0 150.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

25000

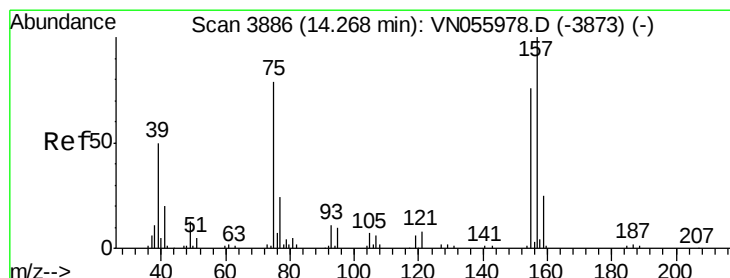
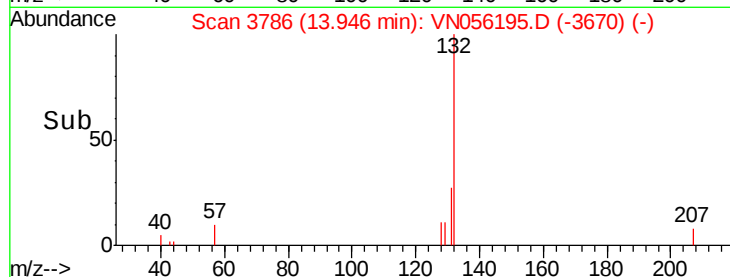
20000

15000

10000

5000

Time--> 13.90 13.95



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.247 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.01 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

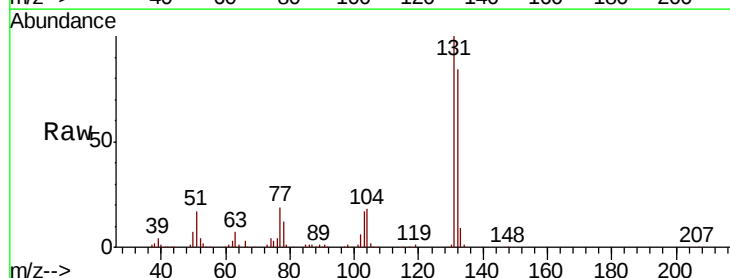
Tgt Ion: 75 Resp: 7991

Ion Ratio Lower Upper

75 100

155 0.0 50.0 150.1#

157 0.0 64.8 194.3#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

5000

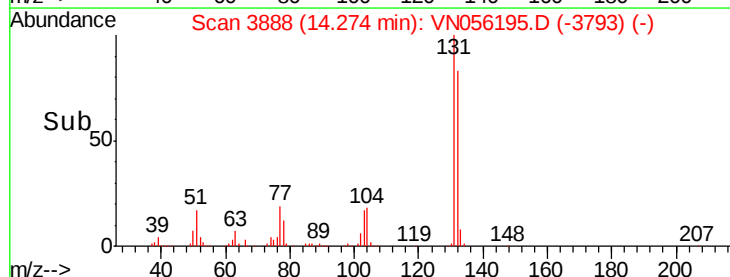
4000

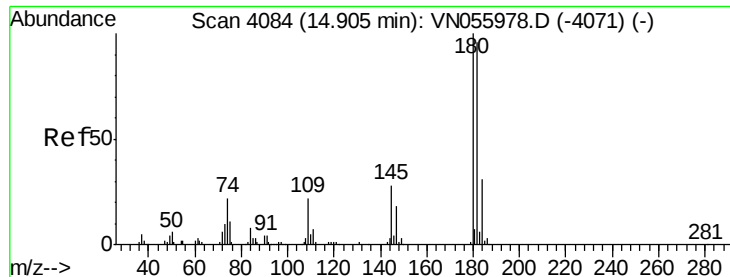
3000

2000

1000

Time--> 14.20 14.25 14.30 14.35

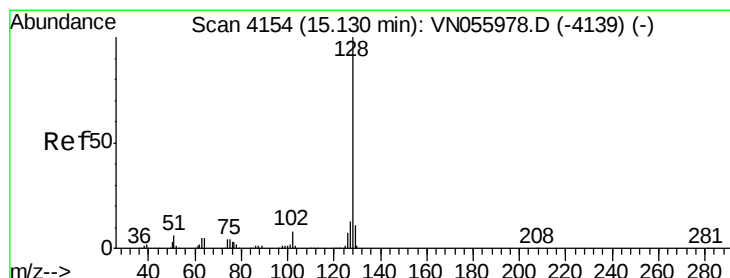
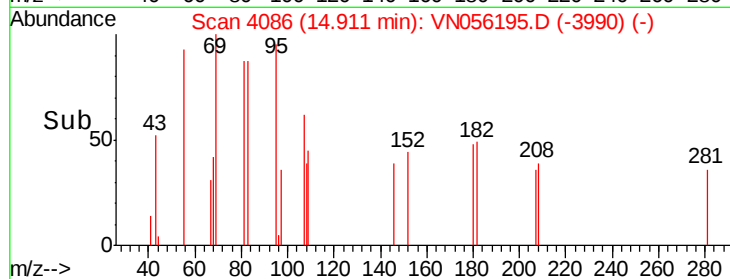
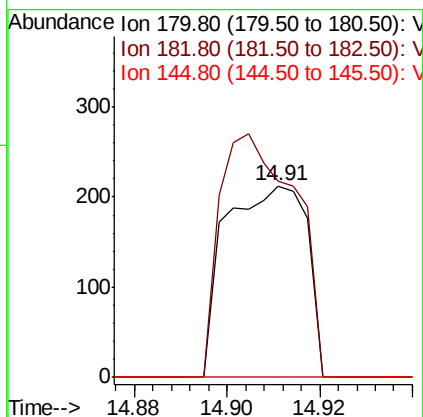
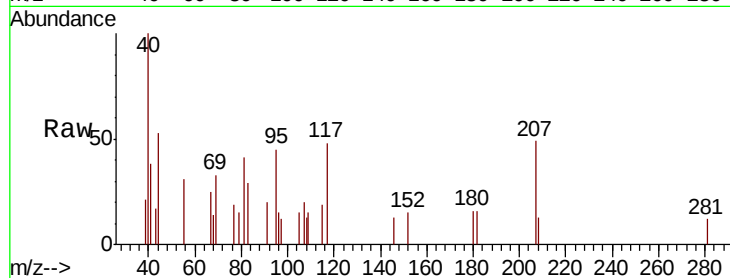




#93
 1,2,4-Trichlorobenzene
 Concen: 4.330 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.01 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

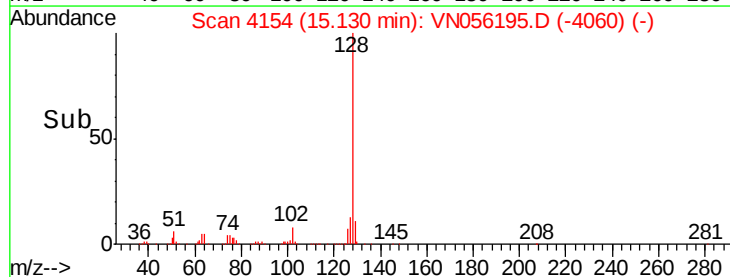
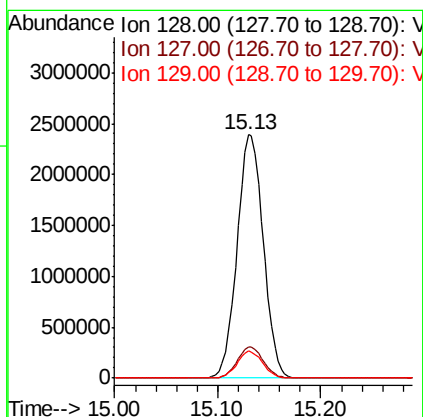
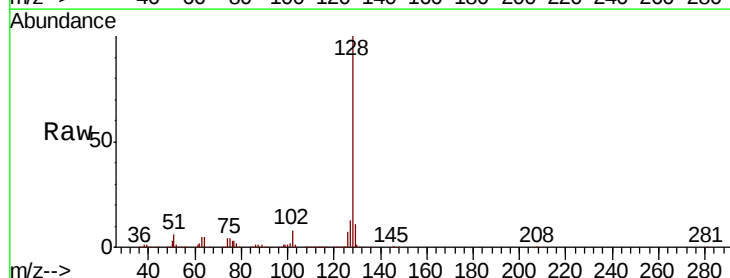
Instrument :
 MSVOA_N
 ClientSampleId :

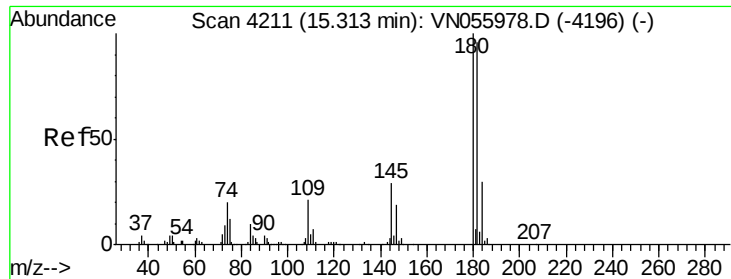
Tot Ion:180 Resp: 258
 Ion Ratio Lower Upper
 180 100
 182 118.6 48.3 144.9
 145 0.0 14.0 41.9#



#95
 Naphthalene
 Concen: 384.639 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

Tgt Ion:128 Resp: 4222646
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.3 15.5
 129 10.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.070 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. -0.01 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 165
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.7#
 145 1125.5 14.9 44.7#

