

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056293.D
 Acq On : 13 Jun 2019 19:53
 Operator : JC/SP
 Sample : K3345-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 01:14:59 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	7.67	168	341705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	563096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	207164	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	191197	56.35	ug/l	0.00
Spiked Amount			Recovery	=	112.70%	
35) Dibromofluoromethane	7.59	113	175268	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
50) Toluene-d8	10.09	98	697956	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.40	95	249396	55.16	ug/l	0.00
Spiked Amount			Recovery	=	110.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.53	56	184	1.081	ug/l #	1
14) Allyl chloride	4.52	41	15825	3.494	ug/l #	53
15) Acrylonitrile	5.04	53	2640	1.837	ug/l #	27
16) Acetone	3.79	43	4915	3.029	ug/l #	57
18) Methyl Acetate	4.33	43	3595	0.556	ug/l #	69
26) 2,2-Dichloropropane	6.62	77	1087	0.258	ug/l #	51
30) Chloroform	7.32	83	9272	1.706	ug/l #	18
31) Cyclohexane	7.65	56	29818	5.539	ug/l #	78
36) 1,1-Dichloropropene	7.66	75	21763	4.495	ug/l #	48
38) Carbon Tetrachloride	7.67	117	29403	6.587	ug/l #	15
39) Methylcyclohexane	9.08	83	26569	4.405	ug/l	96
40) Benzene	8.04	78	3754	0.255	ug/l	96
41) Methacrylonitrile	7.17	41	461	0.233	ug/l #	37
43) Isopropyl Acetate	8.15	43	5542	0.794	ug/l #	53
47) Bromodichloromethane	9.38	83	2925	0.655	ug/l #	25
48) Methyl methacrylate	9.23	41	1483	0.434	ug/l #	32
52) Toluene	10.16	92	3699	0.404	ug/l	86
55) 1,1,2-Trichloroethane	10.53	97	10862	2.997	ug/l #	20
56) Ethyl methacrylate	10.43	69	1705	0.322	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.61	63	532	15.113	ug/l #	46
59) 2-Hexanone	10.61	43	2816	0.890	ug/l	77
67) Ethyl Benzene	11.51	91	22738	1.178	ug/l	100
71) Bromoform	12.40	173	1848	3.285	ug/l #	1
73) Isopropylbenzene	12.25	105	1182618	81.617	ug/l	99
76) 1,2,3-Trichloropropane	12.40	75	114009	29.909	ug/l #	100
78) n-propylbenzene	12.59	91	485852	27.722	ug/l	99
79) 2-Chlorotoluene	12.59	91	485852	49.978	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.89	105	25280	1.815	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.25	75	13036	11.389	ug/l #	63
82) 4-Chlorotoluene	12.59	91	485852	47.384	ug/l #	39
83) tert-Butylbenzene	12.99	119	14212	Below Cal		94
84) 1,2,4-Trimethylbenzene	12.89	105	25280	1.914	ug/l	77
85) sec-Butylbenzene	13.17	105	103404	6.662	ug/l	85
86) p-Isopropyltoluene	13.44	119	28069	2.021	ug/l	96

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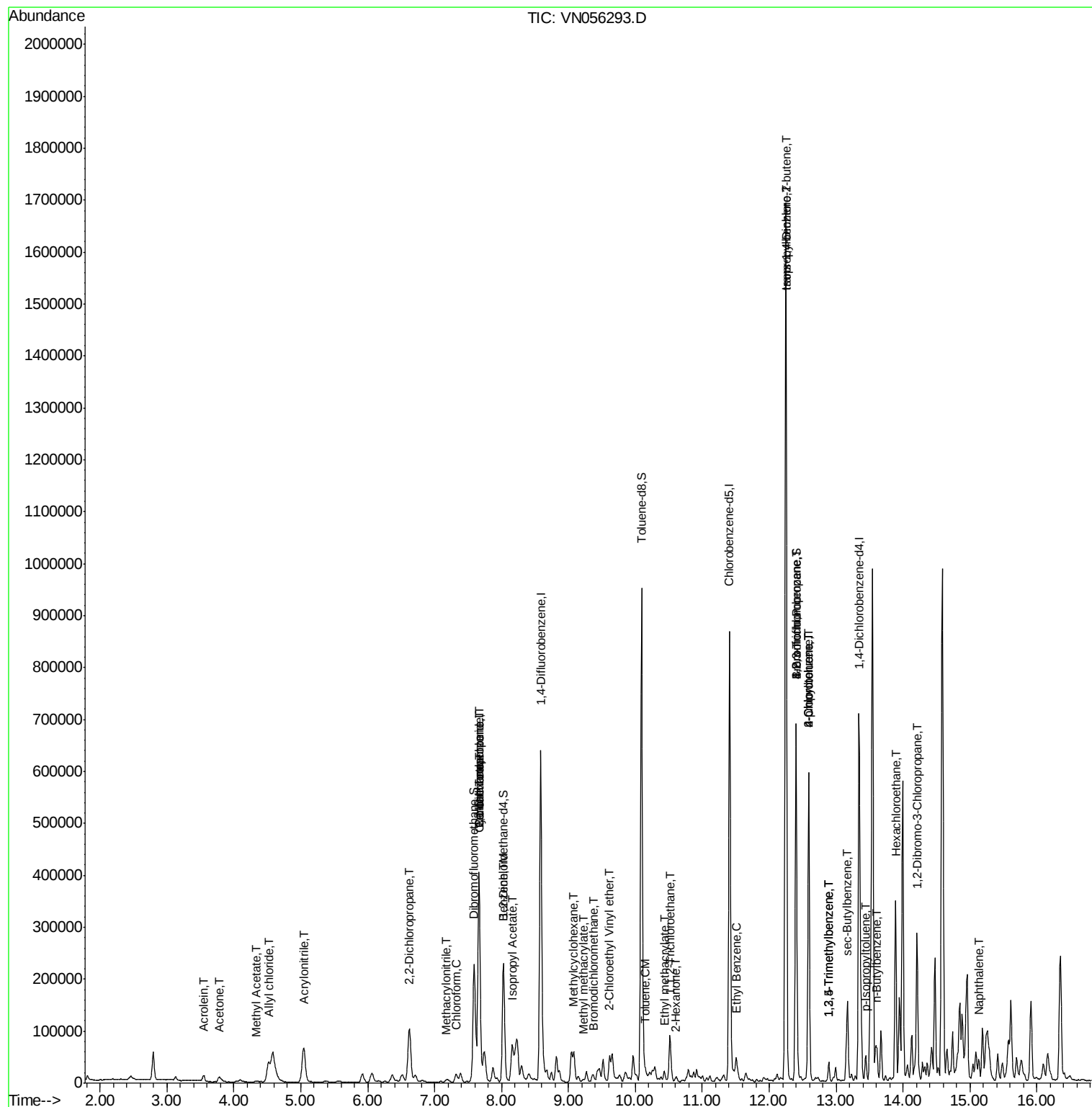
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.61	91	36310	3.529	ug/l #	76
90) Hexachloroethane	13.89	117	19643	9.377	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.21	75	1173	1.705	ug/l #	1
95) Naphthalene	15.13	128	34861	7.099	ug/l #	96

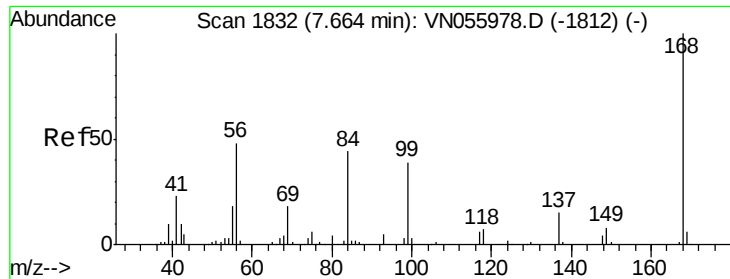
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

Instrument :

MSVOA_N

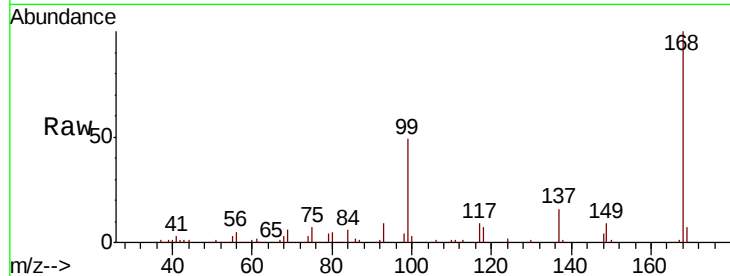
ClientSampleId :

Tot Ion:168 Resp: 341705

Ion Ratio Lower Upper

168 100

99 49.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

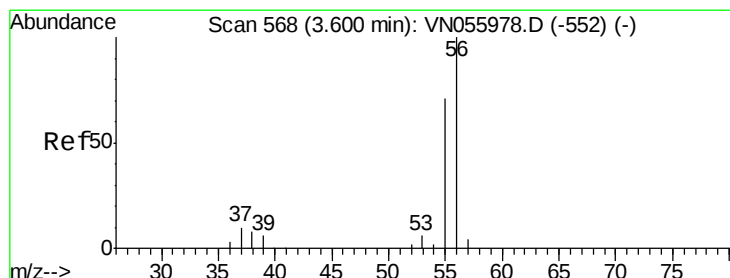
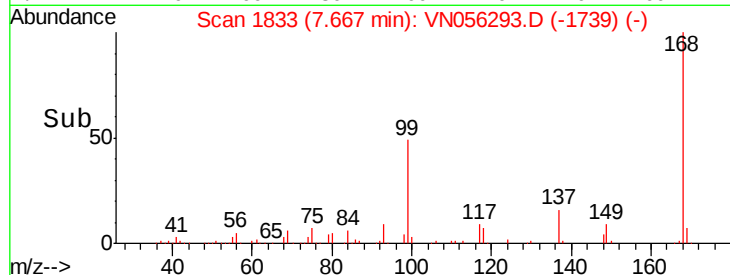
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 1.081 ug/l

RT: 3.53 min Scan# 547

Delta R.T. -0.07 min

Lab File: VN056293.D

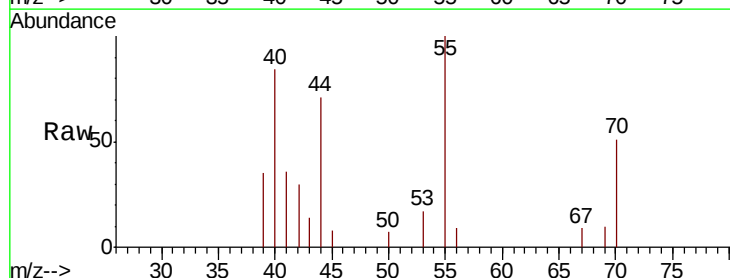
Acq: 13 Jun 2019 19:53

Tgt Ion: 56 Resp: 184

Ion Ratio Lower Upper

56 100

55 5225.0 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

4000

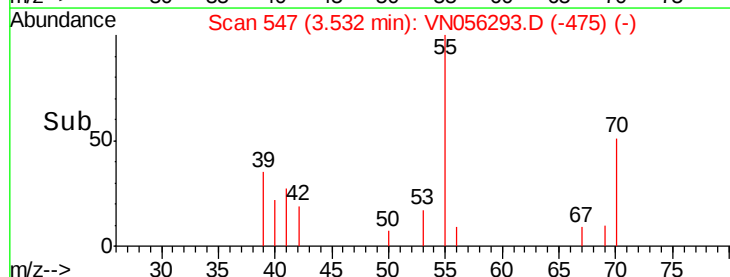
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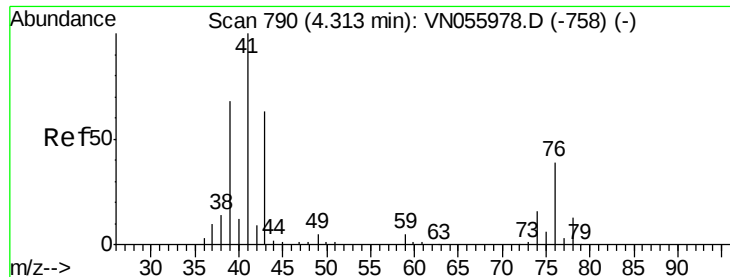
2000

1000

0

Time-->

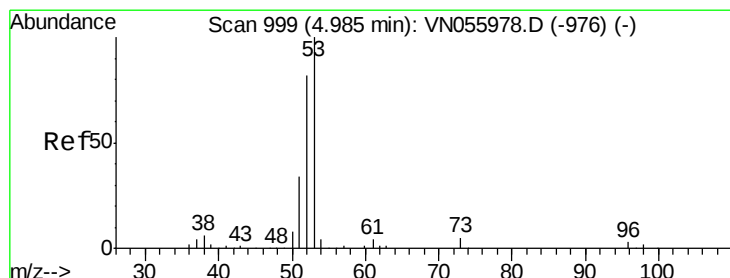
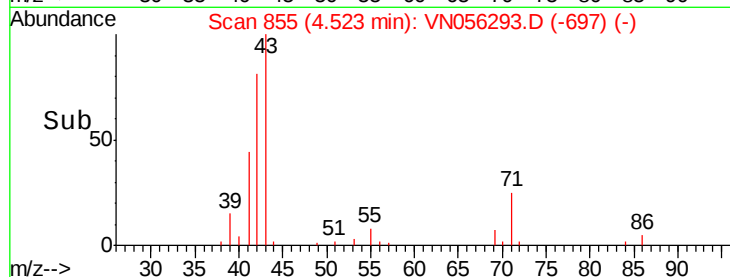
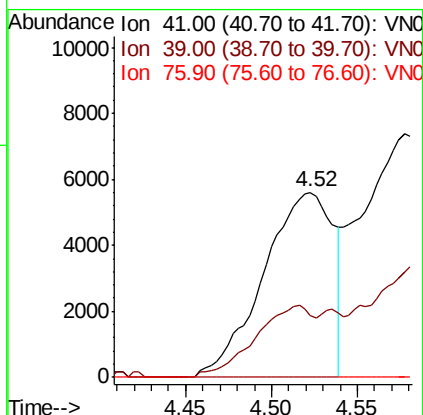
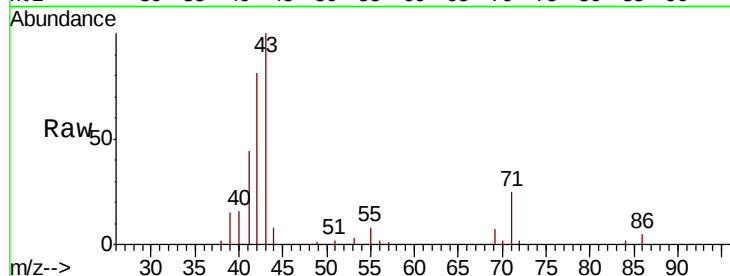




#14
Allvl chloride
Concen: 3.494 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.21 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

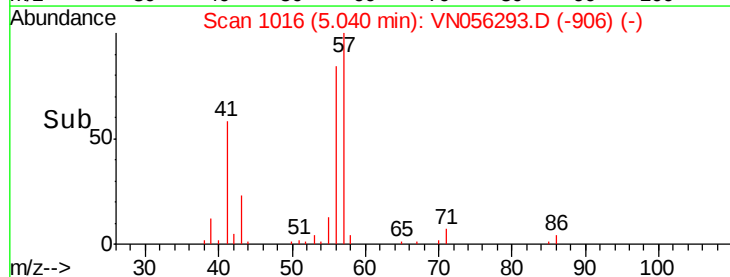
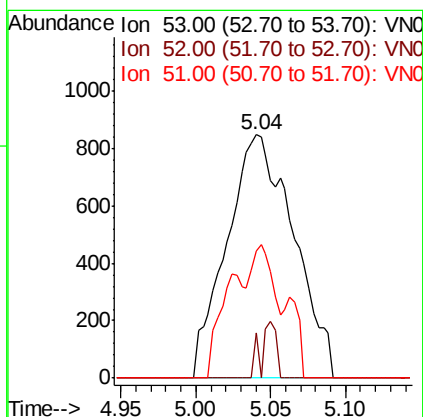
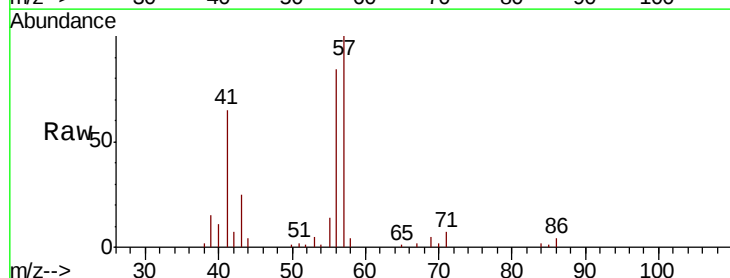
Instrument :
MSVOA_N
ClientSampled :

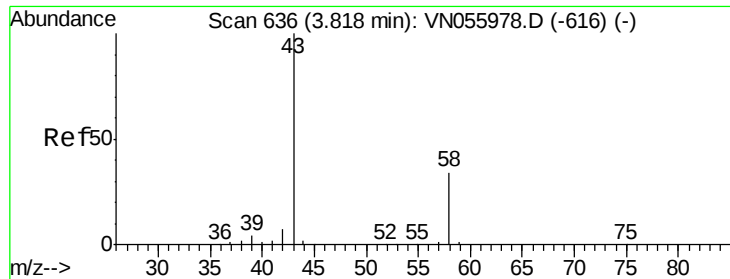
Tot Ion: 41 Resp: 15825
Ion Ratio Lower Upper
41 100
39 32.4 50.0 75.0#
76 0.0 28.2 42.2#



#15
Acrylonitrile
Concen: 1.837 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.05 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 53 Resp: 2640
Ion Ratio Lower Upper
53 100
52 5.1 65.8 98.8#
51 10.2 28.2 42.4#





#16

Acetone

Concen: 3.029 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.03 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

Instrument :

MSVOA_N

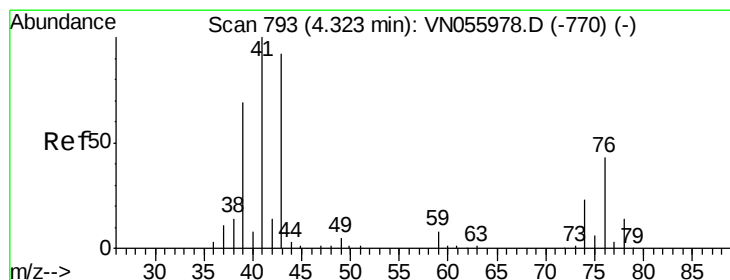
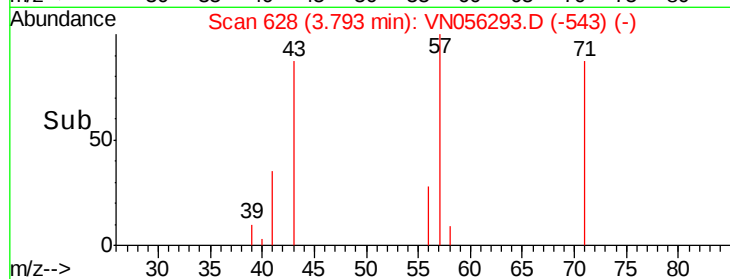
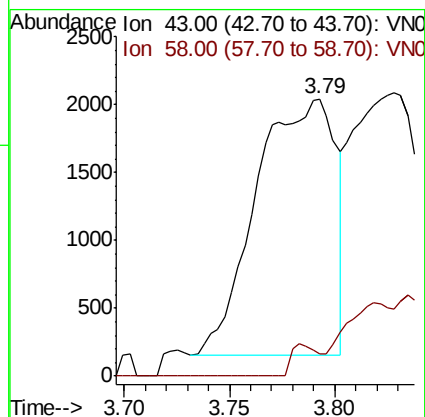
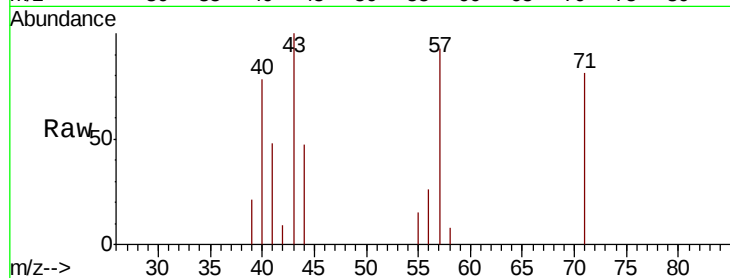
ClientSampled :

Tot Ion: 43 Resp: 4915

Ion Ratio Lower Upper

43 100

58 8.6 26.6 39.8#



#18

Methyl Acetate

Concen: 0.556 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN056293.D

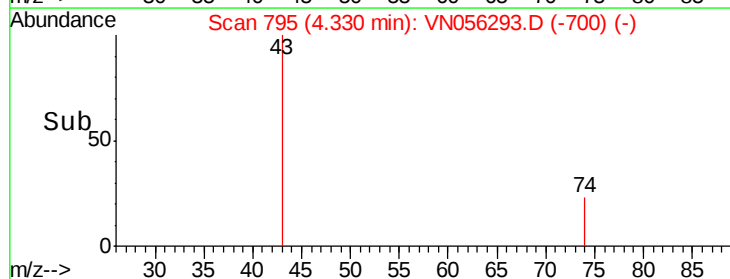
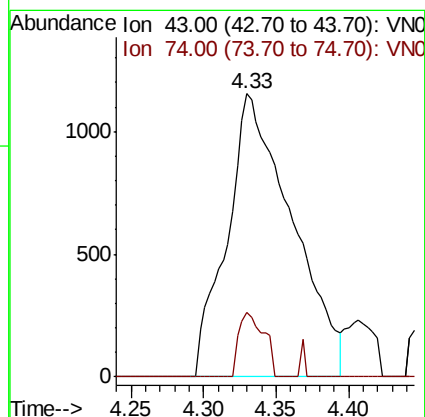
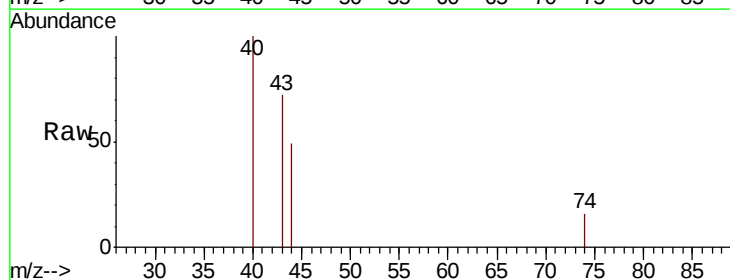
Acq: 13 Jun 2019 19:53

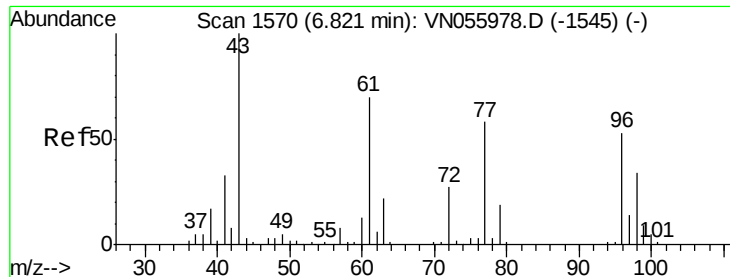
Tgt Ion: 43 Resp: 3595

Ion Ratio Lower Upper

43 100

74 8.7 19.3 28.9#

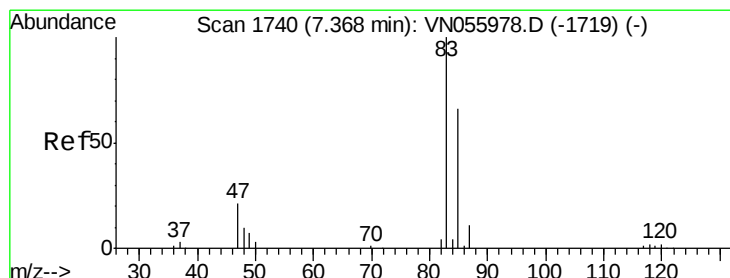
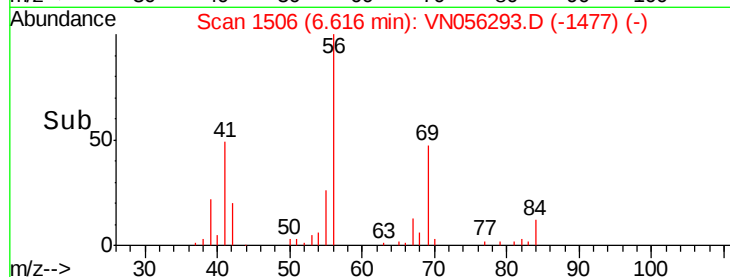
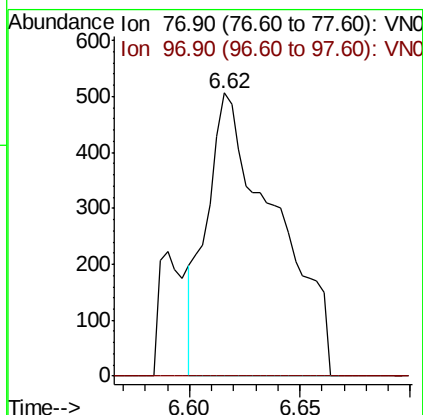
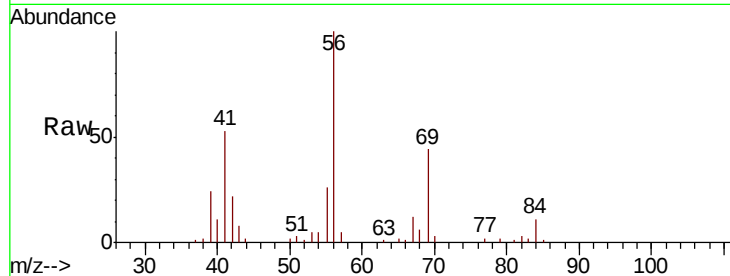




#26
 2,2-Dichloropropane
 Concen: 0.258 ug/l
 RT: 6.62 min Scan# 1506
 Delta R.T. -0.21 min
 Lab File: VN056293.D
 Acq: 13 Jun 2019 19:53

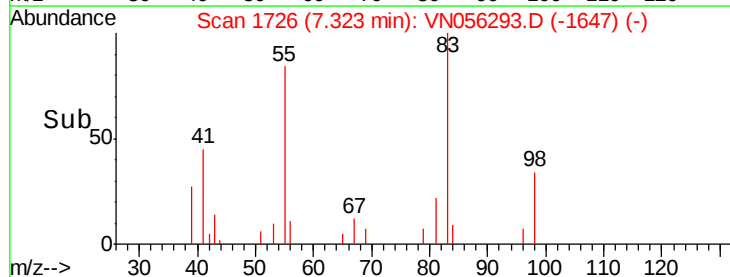
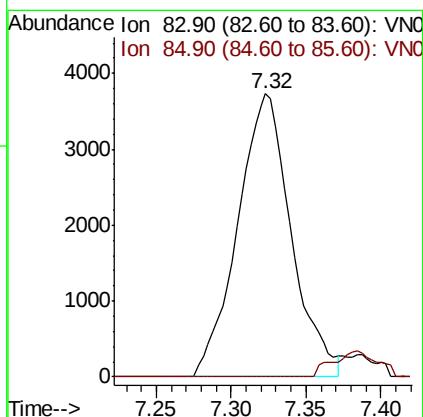
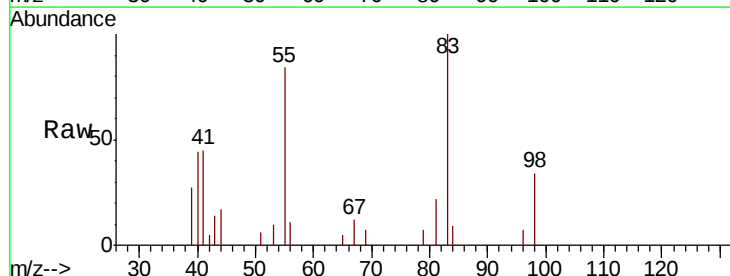
Instrument :
 MSVOA_N
 ClientSampled :

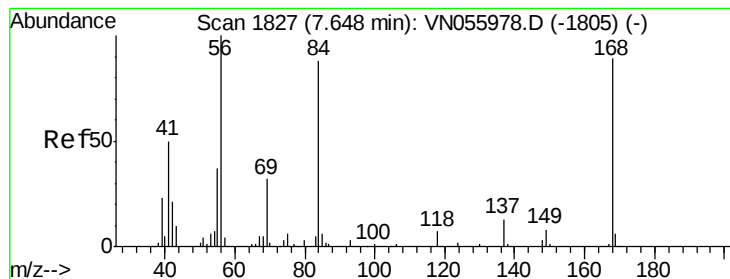
Tot Ion: 77 Resp: 1087
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.2 36.6#



#30
 Chloroform
 Concen: 1.706 ug/l
 RT: 7.32 min Scan# 1726
 Delta R.T. -0.04 min
 Lab File: VN056293.D
 Acq: 13 Jun 2019 19:53

Tgt Ion: 83 Resp: 9272
 Ion Ratio Lower Upper
 83 100
 85 0.0 51.8 77.8#





#31

Cyclohexane

Concen: 5.539 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

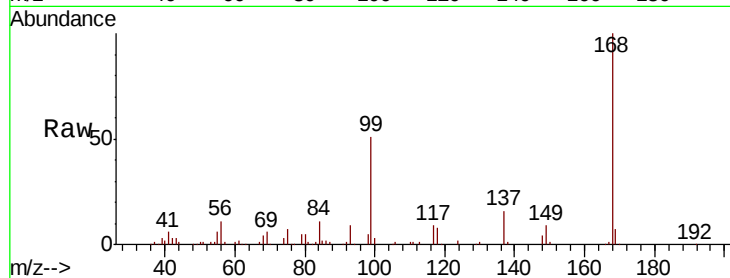
Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

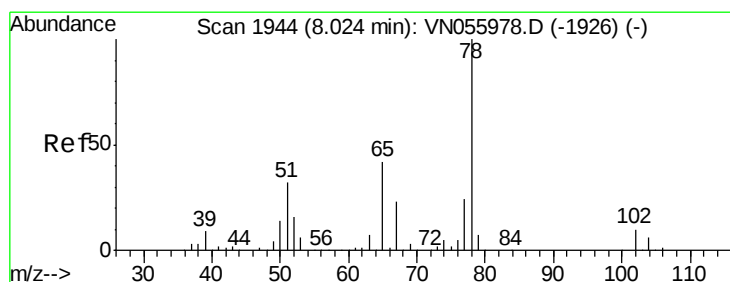
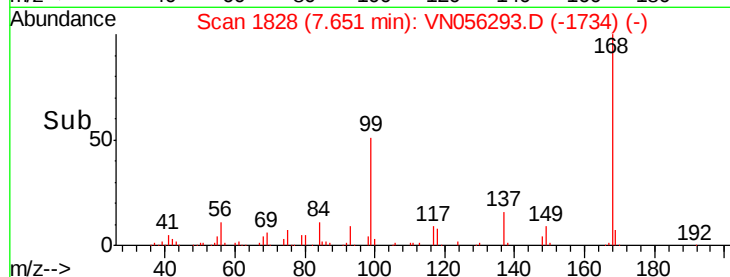
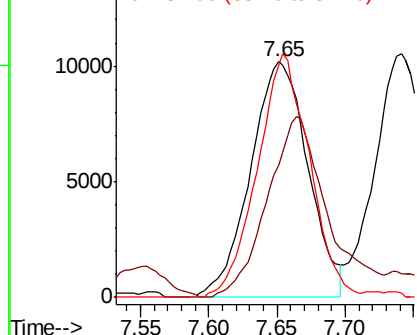
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 29818

Ion	Ratio	Lower	Upper
56	100		
69	54.1	25.6	38.4#
84	98.4	67.4	101.0



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



#33

1,2-Dichloroethane-d4

Concen: 56.353 ug/l

RT: 8.03 min Scan# 1945

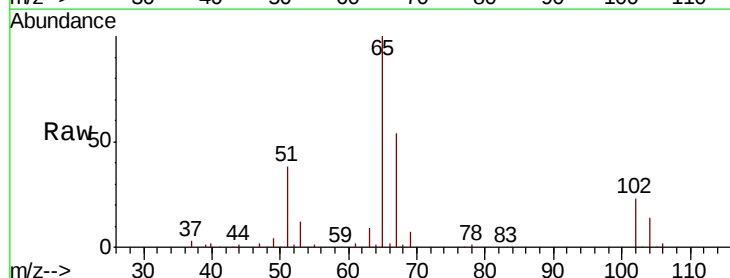
Delta R.T. 0.00 min

Lab File: VN056293.D

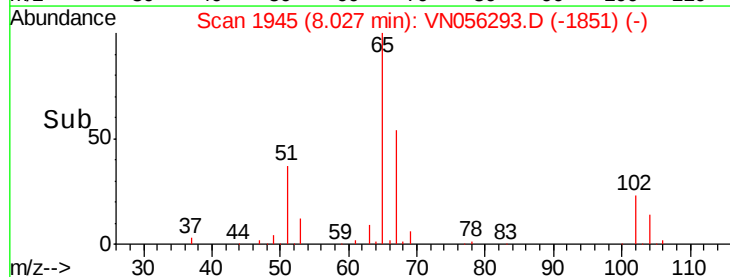
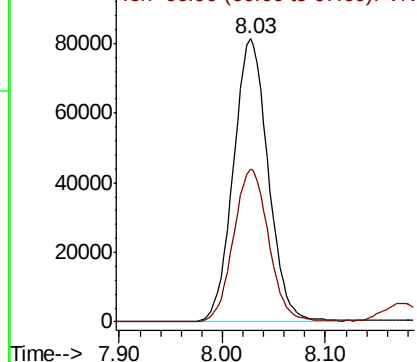
Acq: 13 Jun 2019 19:53

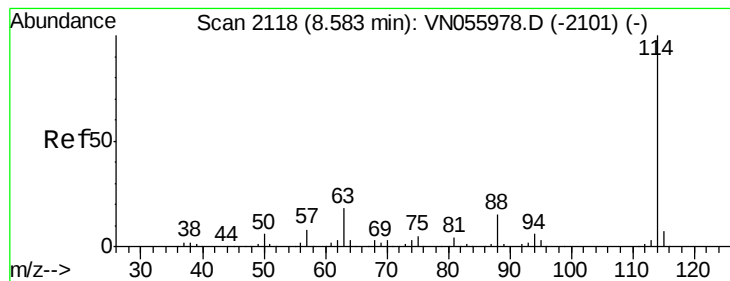
Tgt Ion: 65 Resp: 191197

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	109.2



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

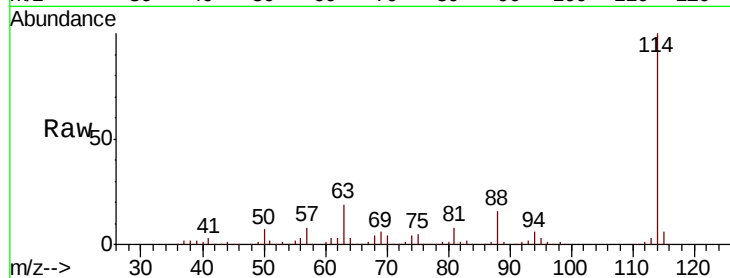
Tot Ion:114 Resp: 563096

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

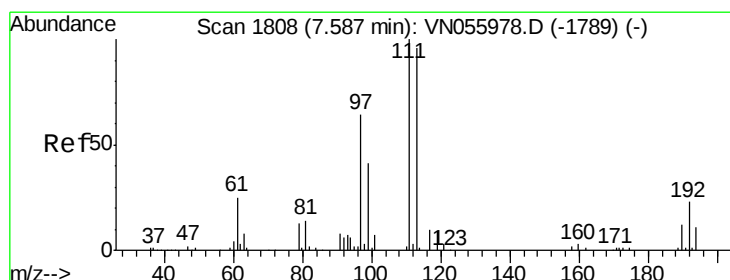
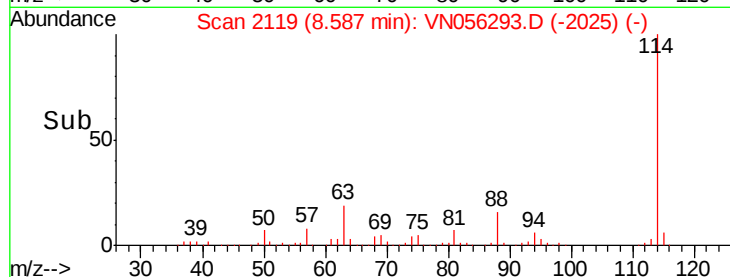
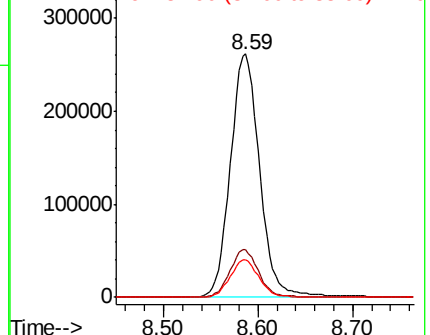
88 15.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.732 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

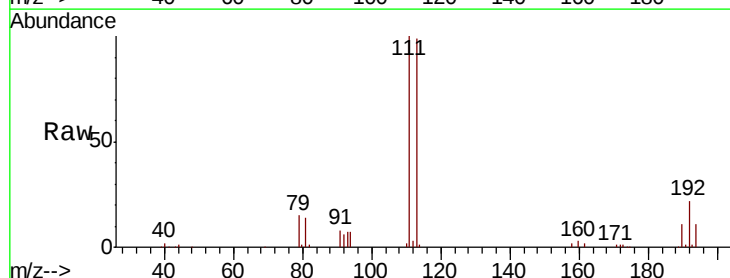
Tgt Ion:113 Resp: 175268

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

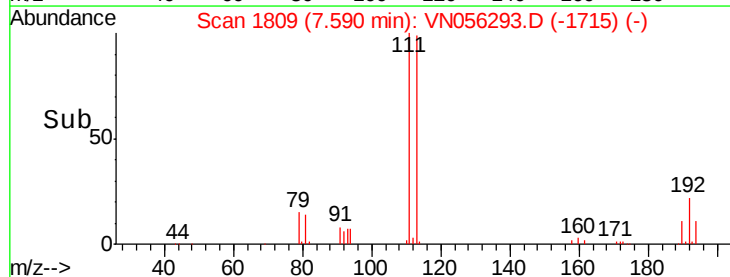
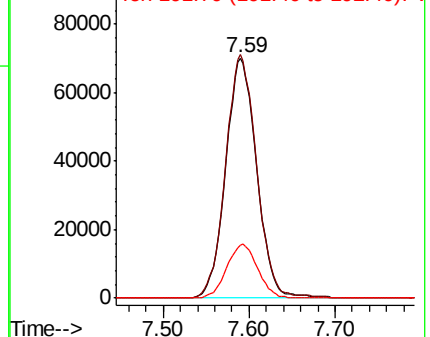
192 22.3 19.5 29.3

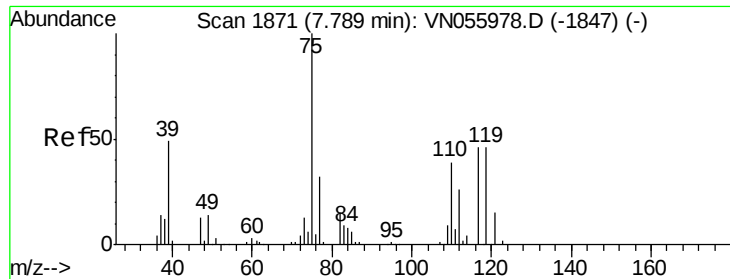


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

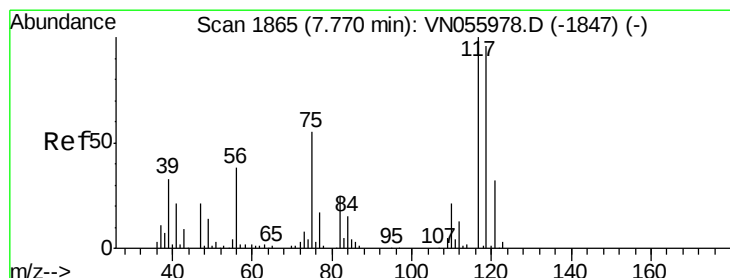
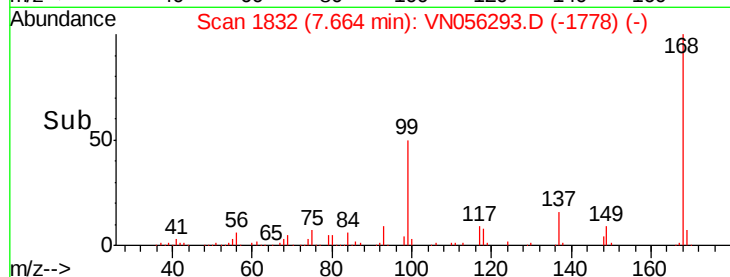
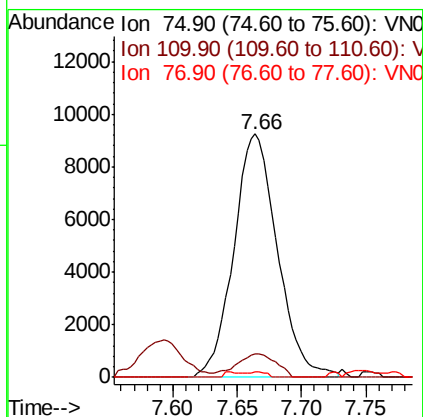
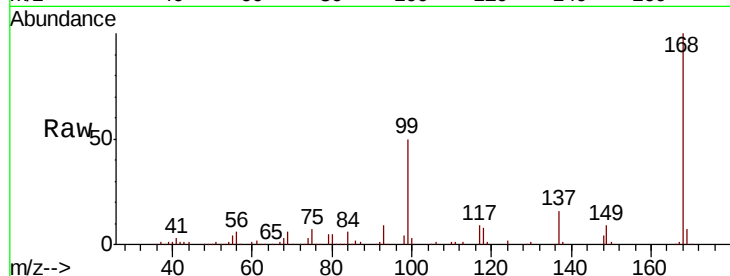




#36
 1,1-Dichloropropene
 Concen: 4.495 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056293.D
 Acq: 13 Jun 2019 19:53

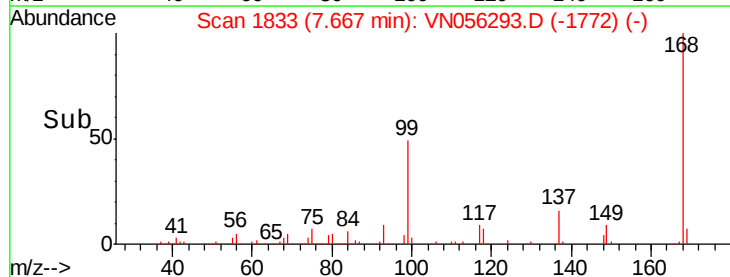
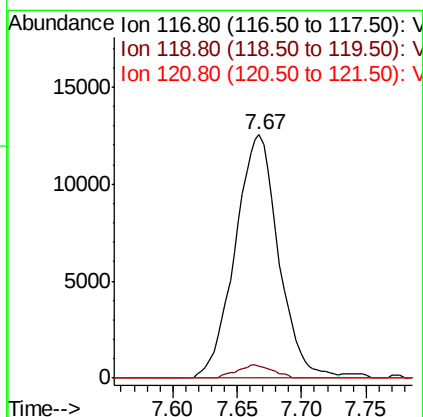
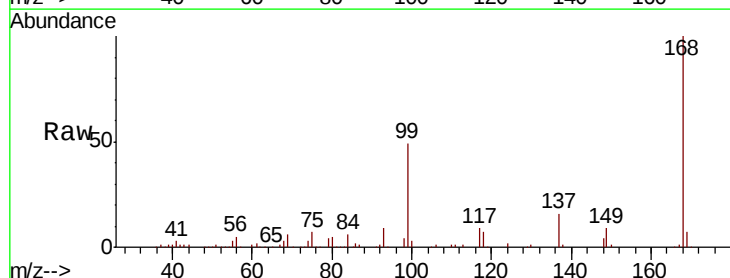
Instrument :
 MSVOA_N
 ClientSampleId :

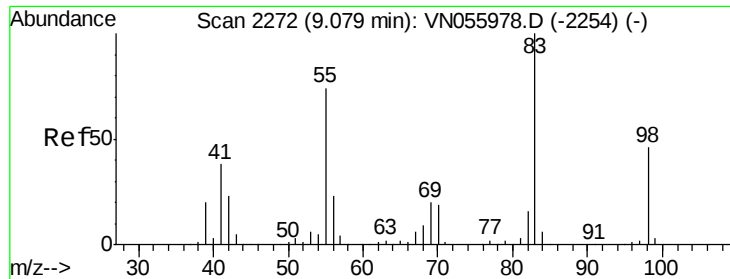
Tot Ion: 75 Resp: 21763
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.0 57.0#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.587 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.10 min
 Lab File: VN056293.D
 Acq: 13 Jun 2019 19:53

Tgt Ion: 117 Resp: 29403
 Ion Ratio Lower Upper
 117 100
 119 5.1 79.0 118.6#
 121 0.0 24.7 37.1#

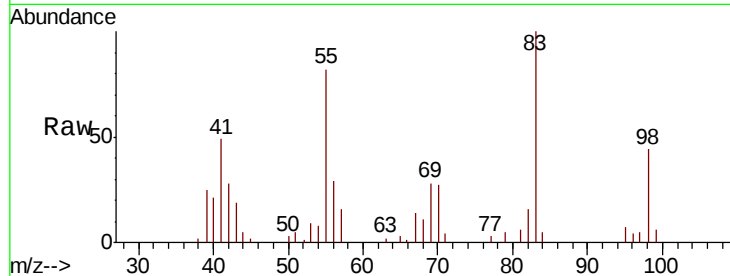




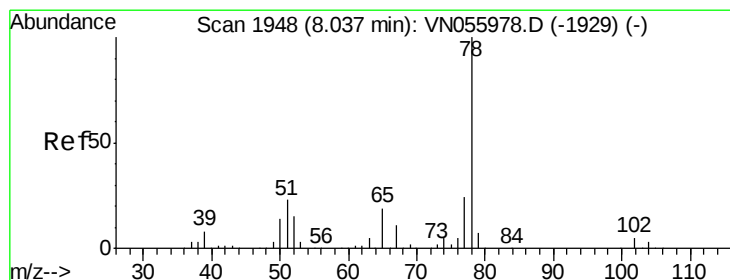
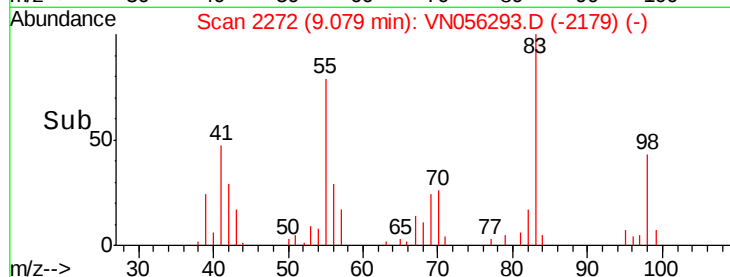
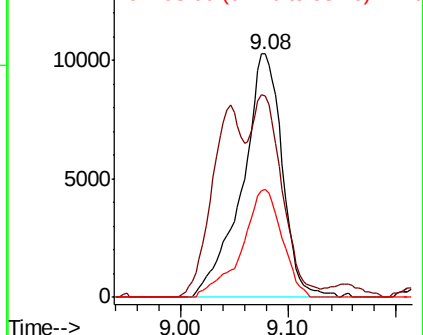
#39
Methvlcvclohexane
Concen: 4.405 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 26569
Ion Ratio Lower Upper
83 100
55 78.3 59.3 88.9
98 44.2 36.6 54.8

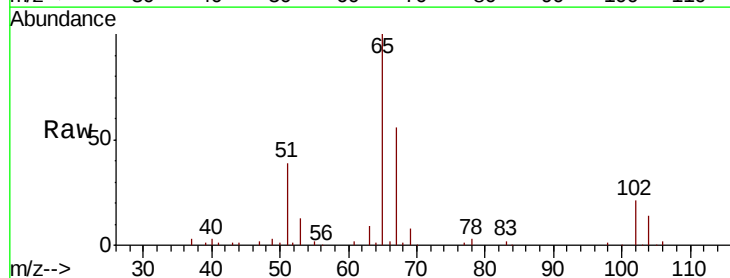


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

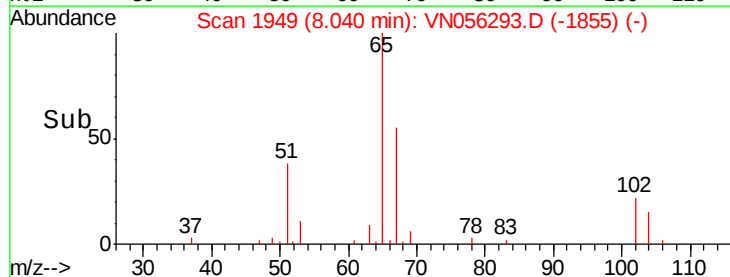
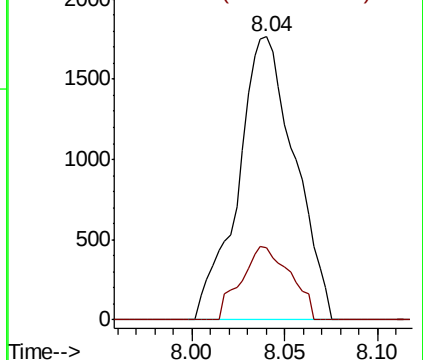


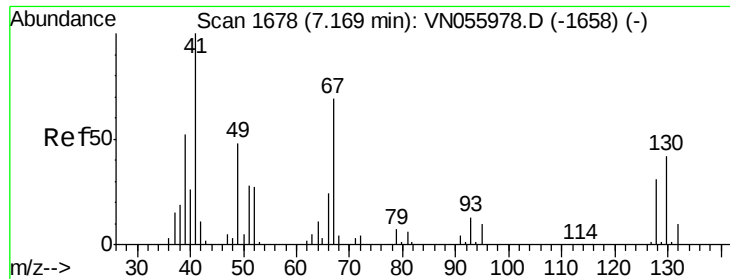
#40
Benzene
Concen: 0.255 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 78 Resp: 3754
Ion Ratio Lower Upper
78 100
77 25.5 18.8 28.2



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

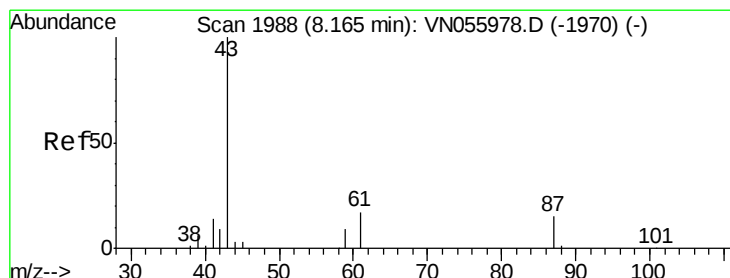
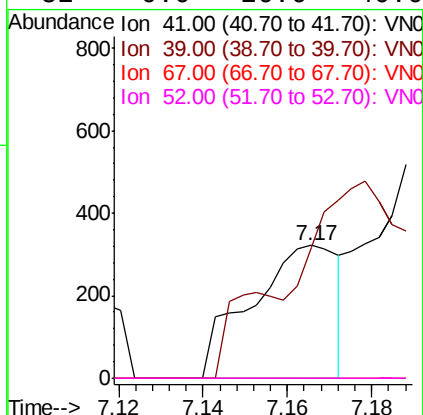
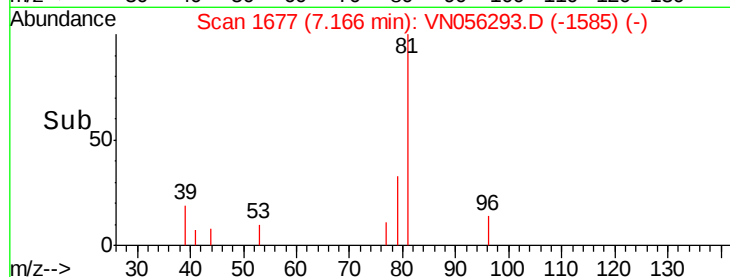
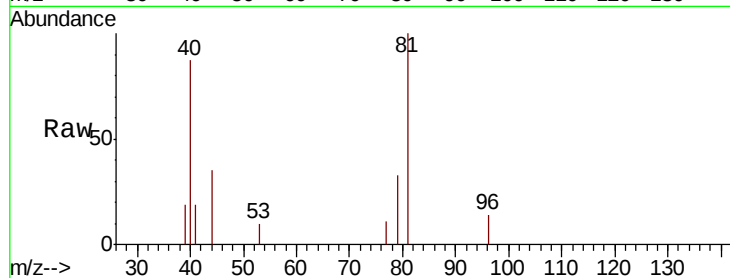




#41
Methacrylonitrile
Concen: 0.233 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

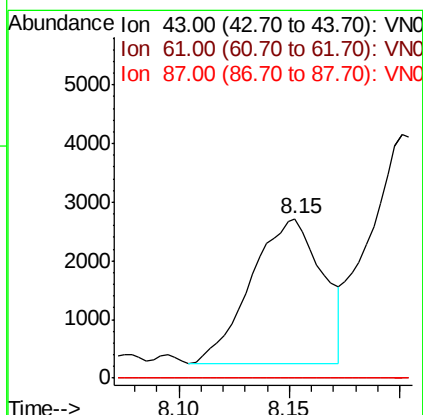
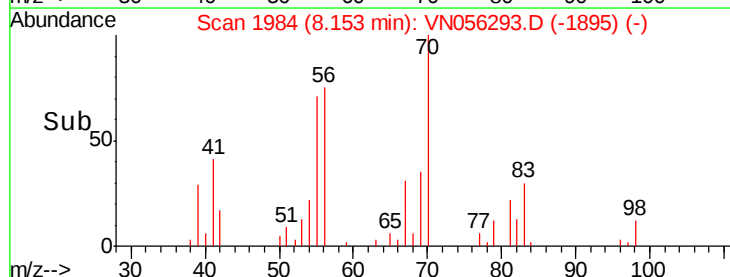
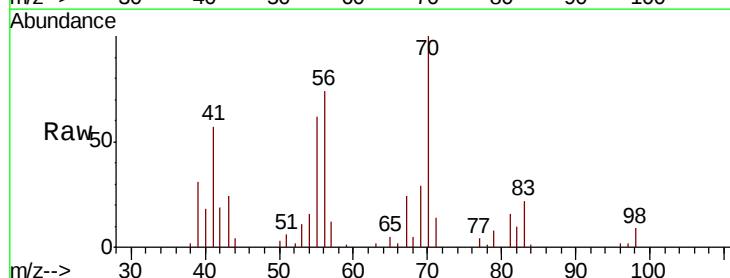
Instrument :
MSVOA_N
ClientSampled :

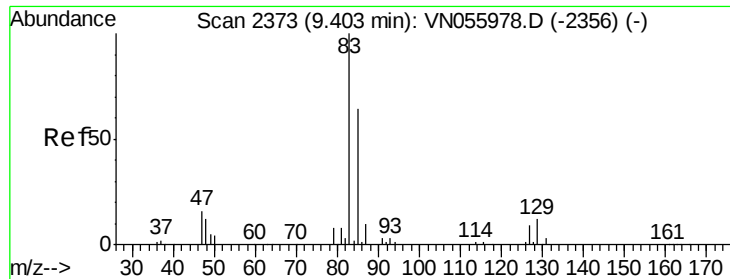
Tot Ion: 41 Resp: 461
Ion Ratio Lower Upper
41 100
39 41.2 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#43
Isopropyl Acetate
Concen: 0.794 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. -0.01 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 43 Resp: 5542
Ion Ratio Lower Upper
43 100
61 0.0 22.2 33.4#
87 0.0 11.4 17.2#





#47

Bromodichloromethane

Concen: 0.655 ug/l

RT: 9.38 min Scan# 2366

Delta R.T. -0.02 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

Instrument :

MSVOA_N

ClientSampled :

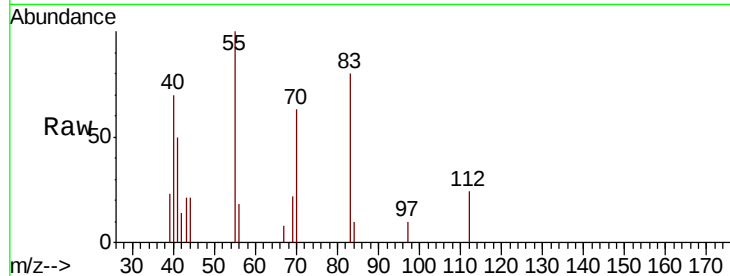
Tot Ion: 83 Resp: 2925

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.2#

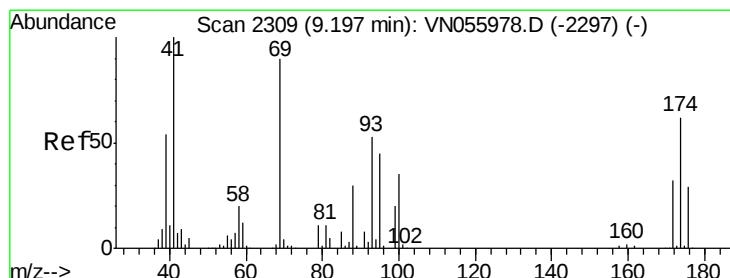
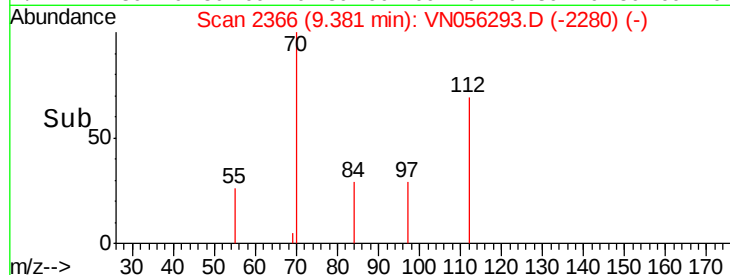
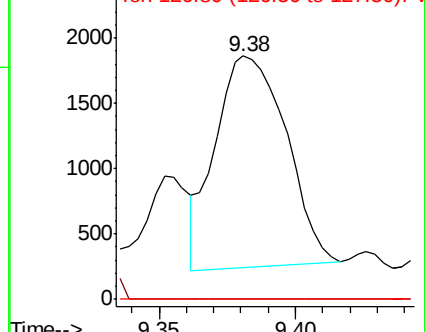
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 0.434 ug/l

RT: 9.23 min Scan# 2318

Delta R.T. 0.03 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

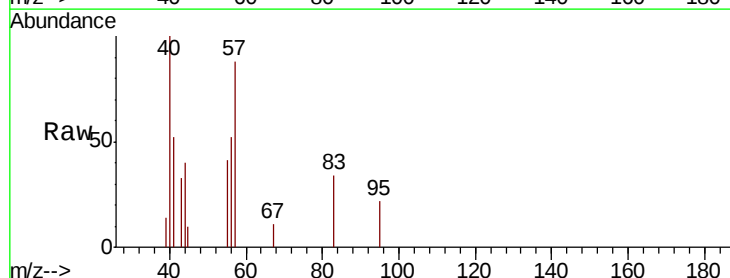
Tgt Ion: 41 Resp: 1483

Ion Ratio Lower Upper

41 100

69 0.0 71.0 106.6#

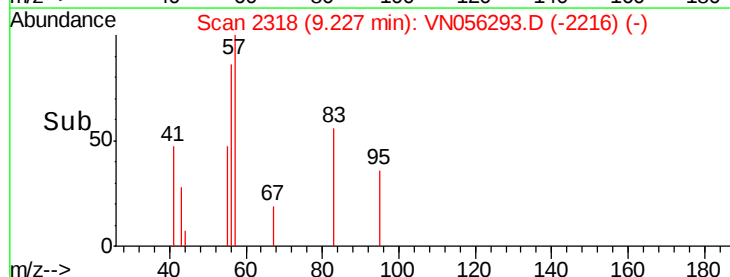
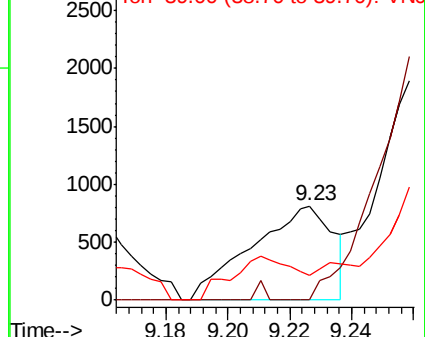
39 37.5 44.2 66.2#

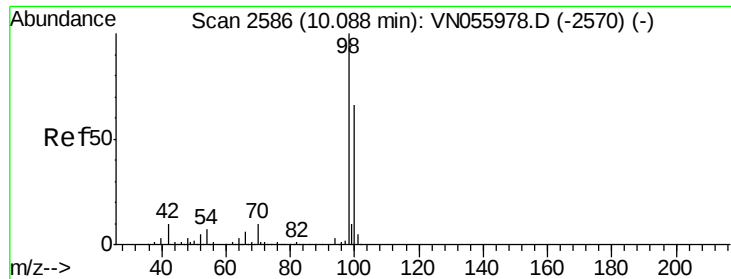


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 52.502 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

Instrument :

MSVOA_N

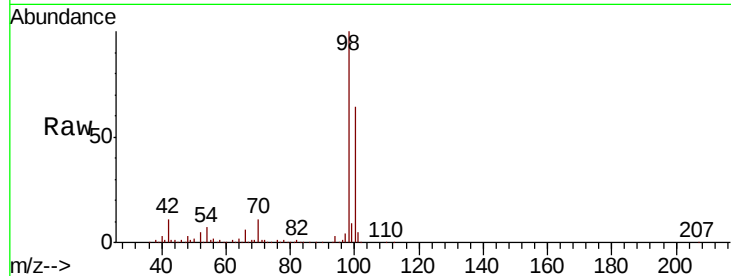
ClientSampleId :

Tot Ion: 98 Resp: 697956

Ion Ratio Lower Upper

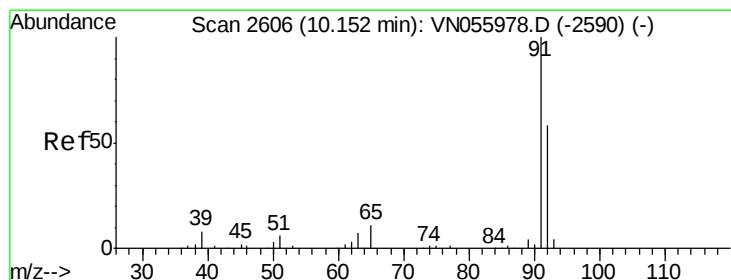
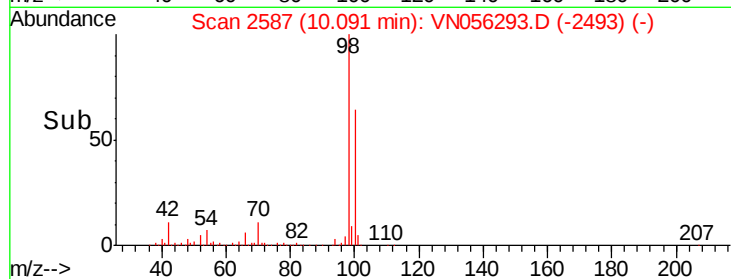
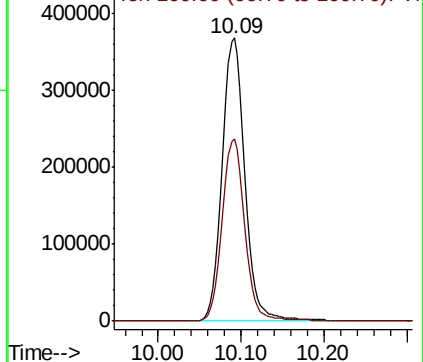
98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 0.404 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056293.D

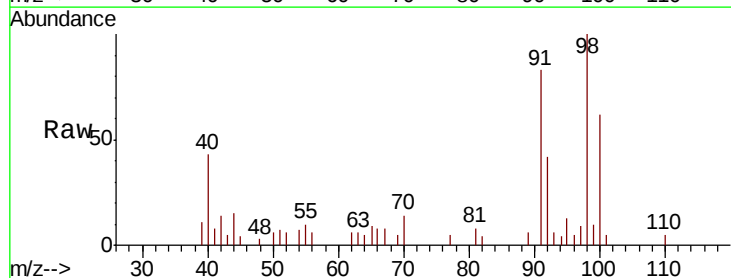
Acq: 13 Jun 2019 19:53

Tgt Ion: 92 Resp: 3699

Ion Ratio Lower Upper

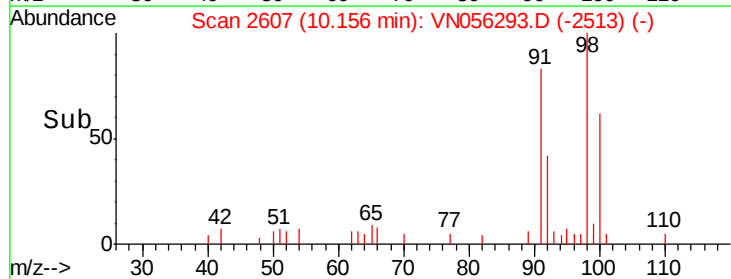
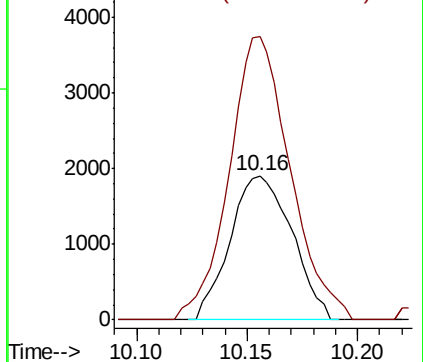
92 100

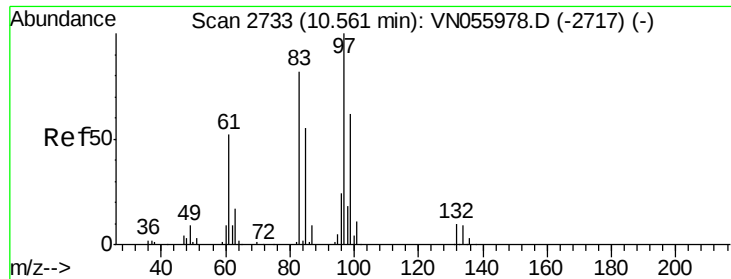
91 194.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#55

1,1,2-Trichloroethane

Concen: 2.997 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 10862

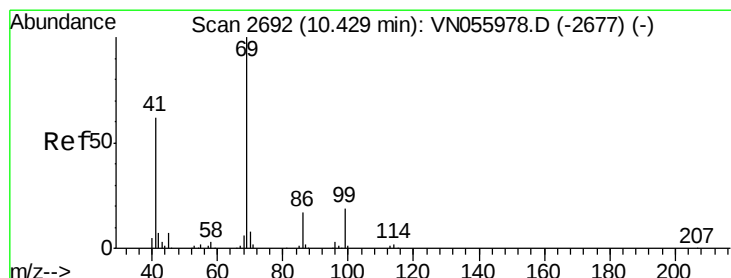
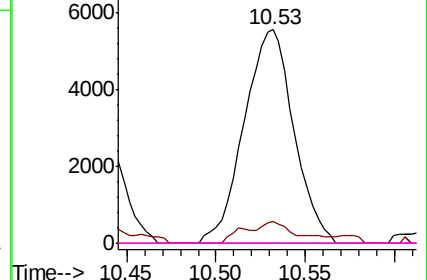
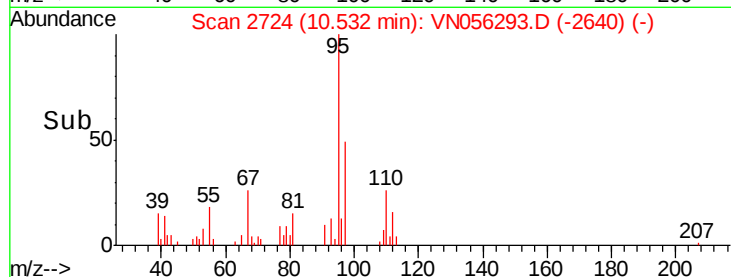
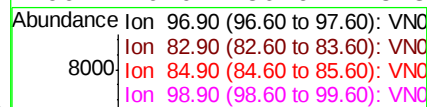
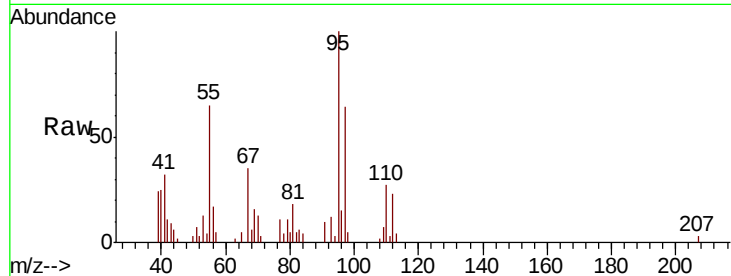
Ion Ratio Lower Upper

97 100

83 10.0 67.0 100.6#

85 0.0 44.0 66.0#

99 0.0 50.6 75.8#



#56

Ethyl methacrylate

Concen: 0.322 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

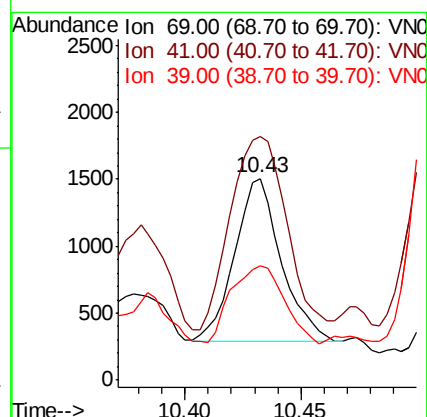
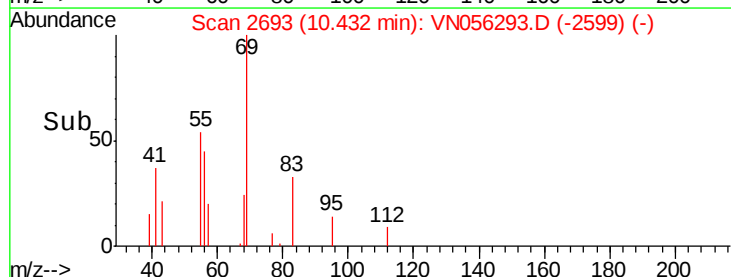
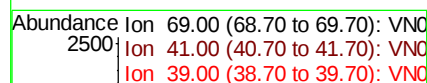
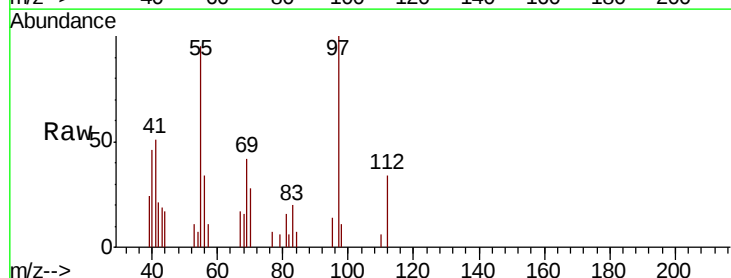
Tgt Ion: 69 Resp: 1705

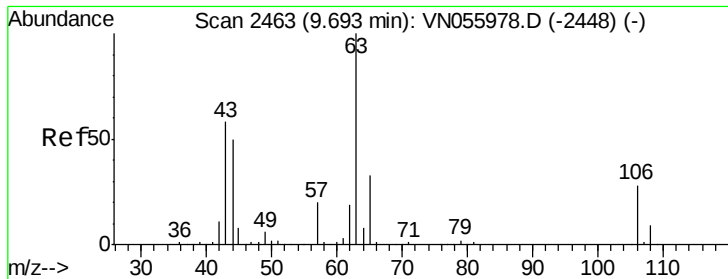
Ion Ratio Lower Upper

69 100

41 142.9 49.7 74.5#

39 54.3 24.7 37.1#





#58

2-Chloroethyl Vinyl ether

Concen: 15.113 ug/l

RT: 9.61 min Scan# 2437

Delta R.T. -0.08 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

Instrument :

MSVOA_N

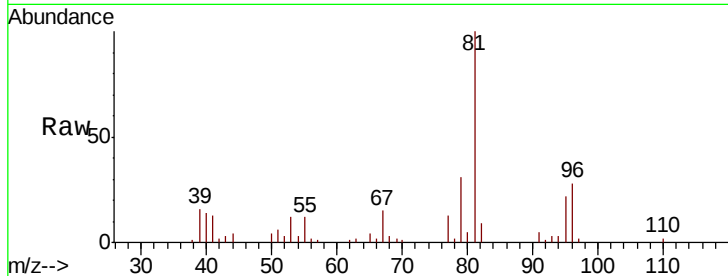
ClientSampleId :

Tot Ion: 63 Resp: 532

Ion Ratio Lower Upper

63 100

106 0.0 22.7 34.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.61

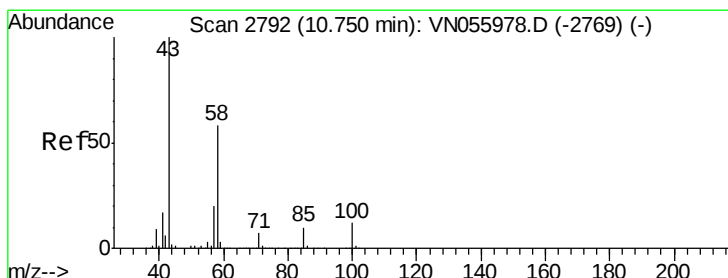
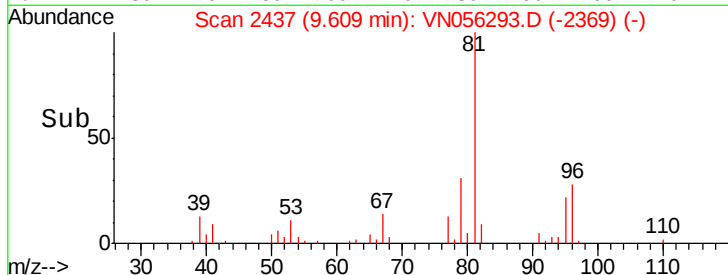
300

200

100

0

Time-->



#59

2-Hexanone

Concen: 0.890 ug/l

RT: 10.61 min Scan# 2748

Delta R.T. -0.14 min

Lab File: VN056293.D

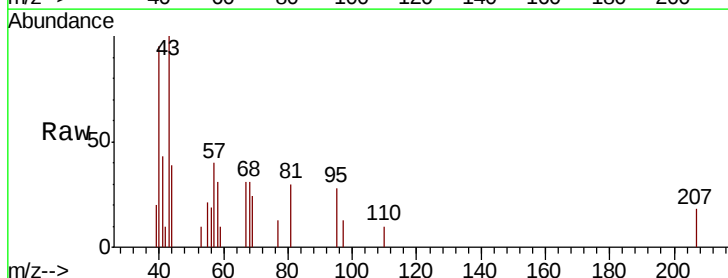
Acq: 13 Jun 2019 19:53

Tgt Ion: 43 Resp: 2816

Ion Ratio Lower Upper

43 100

58 39.6 28.2 84.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.61

2000

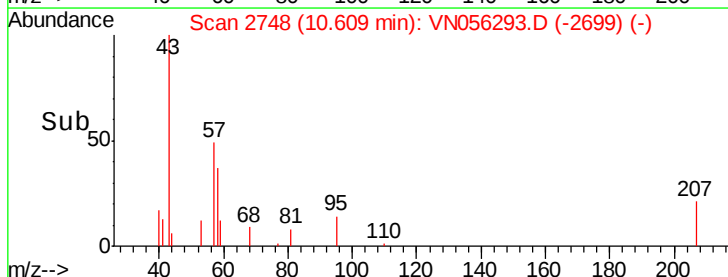
1500

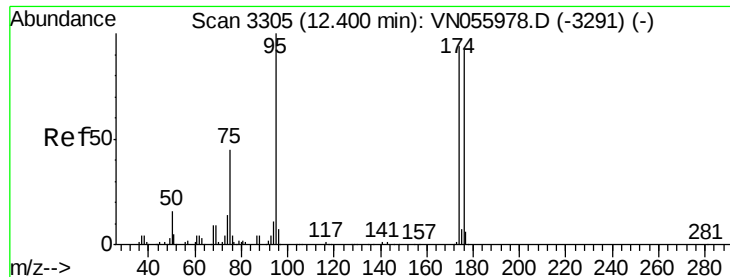
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 55.164 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

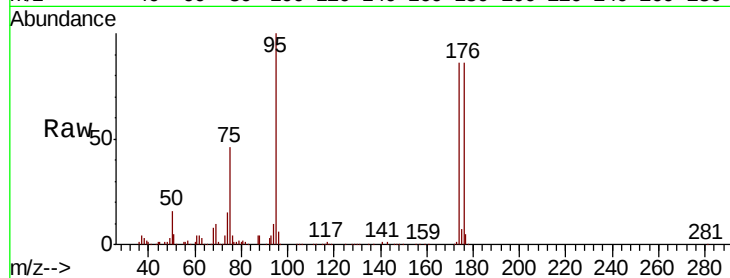
Tot Ion: 95 Resp: 249396

Ion Ratio Lower Upper

95 100

174 89.5 0.0 191.0

176 87.6 0.0 185.2



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

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

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

12.40

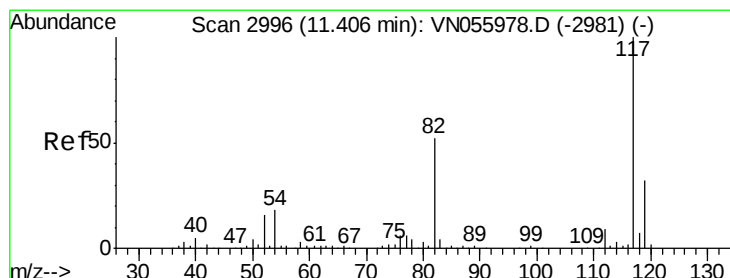
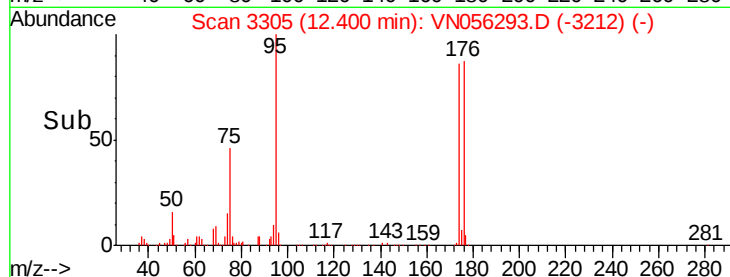
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

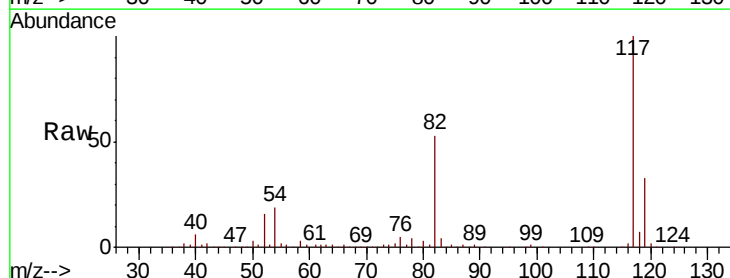
Tgt Ion: 117 Resp: 557910

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

119 32.5 25.4 38.0



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

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

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

11.41

400000

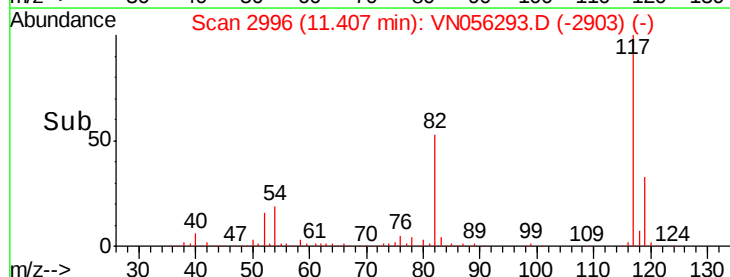
300000

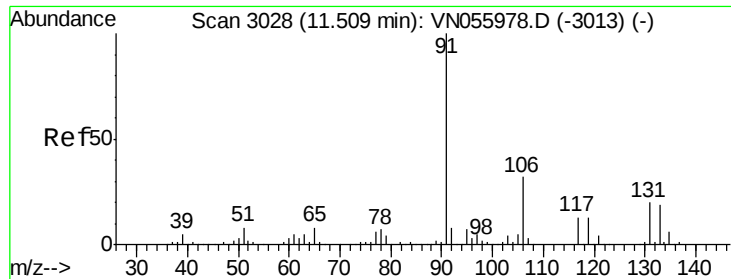
200000

100000

0

Time-->

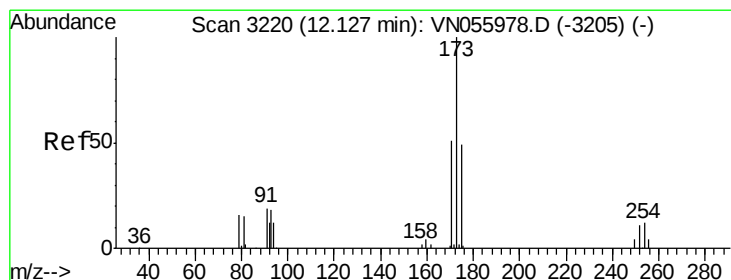
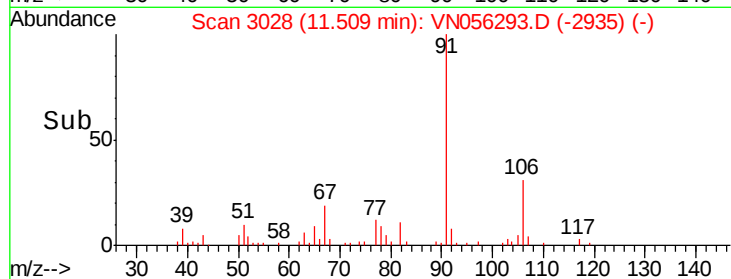
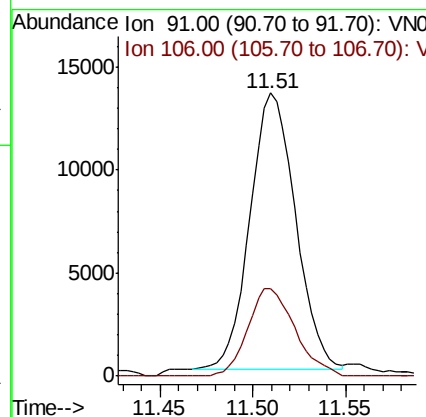
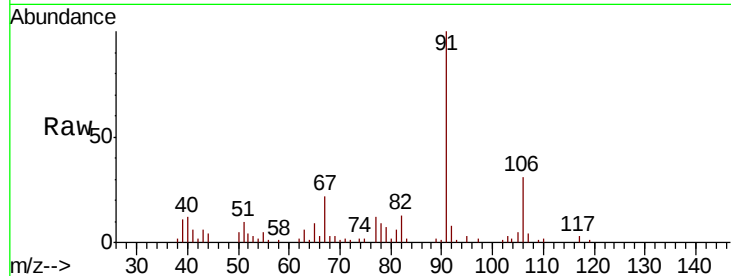




#67
Ethyl Benzene
Concen: 1.178 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

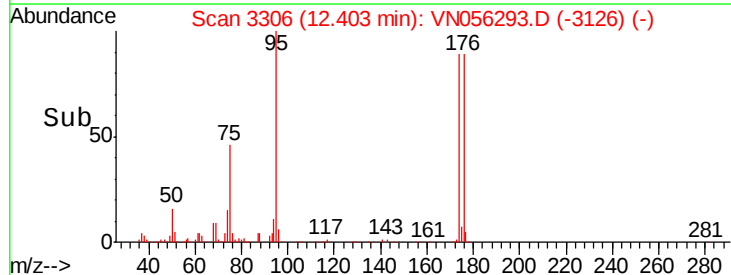
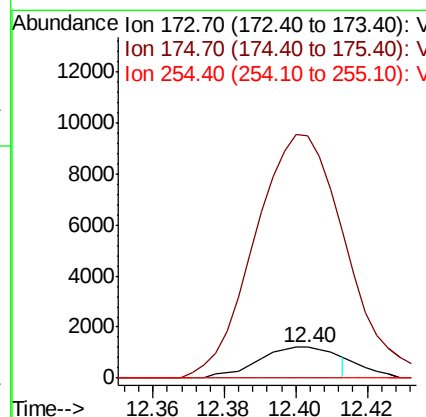
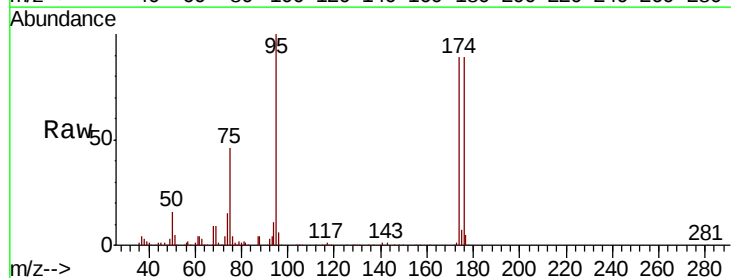
Instrument :
MSVOA_N
ClientSampled :

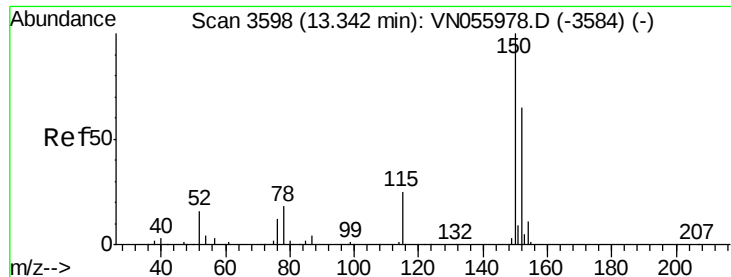
Tot Ion: 91 Resp: 22738
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#71
Bromoform
Concen: 3.285 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 173 Resp: 1848
Ion Ratio Lower Upper
173 100
175 791.6 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: VN056293.D

Acq: 13 Jun 2019 19:53

Instrument :

MSVOA_N

ClientSampled :

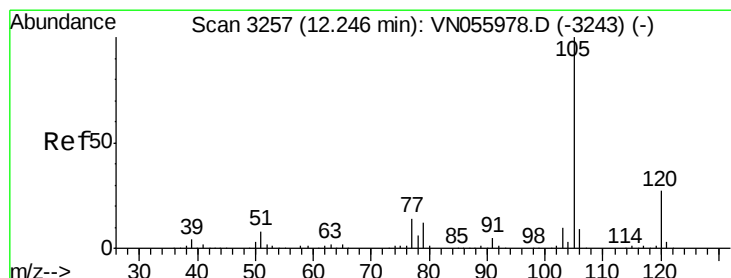
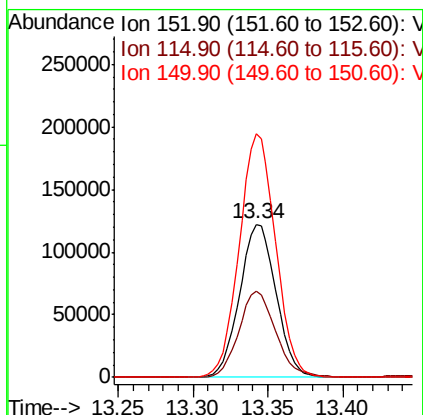
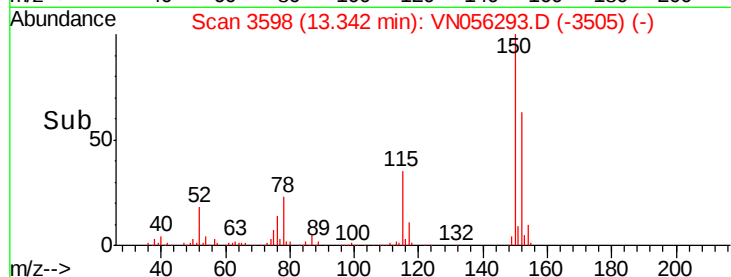
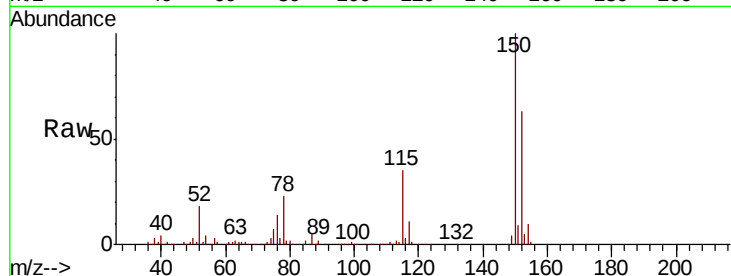
Tot Ion:152 Resp: 207164

Ion Ratio Lower Upper

152 100

115 56.7 27.0 81.0

150 158.1 0.0 343.2



#73

Isopropylbenzene

Concen: 81.617 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056293.D

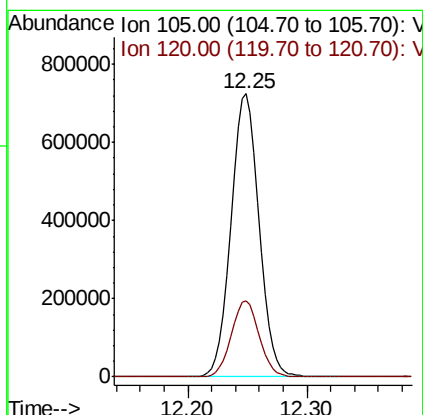
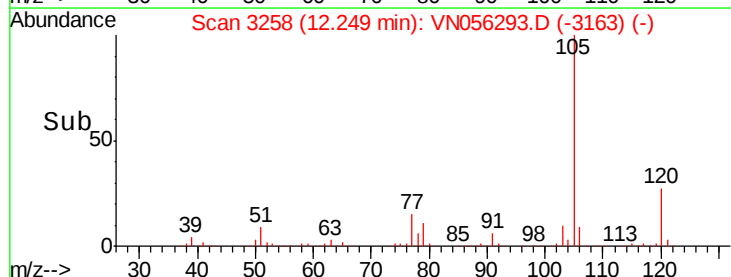
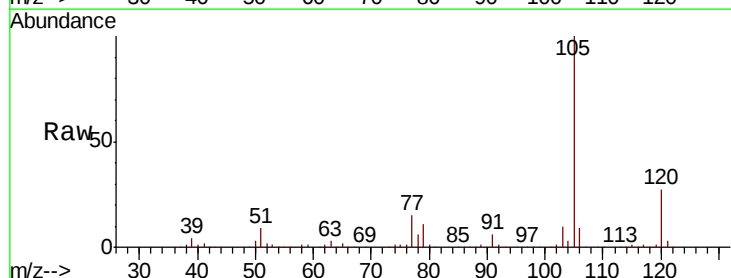
Acq: 13 Jun 2019 19:53

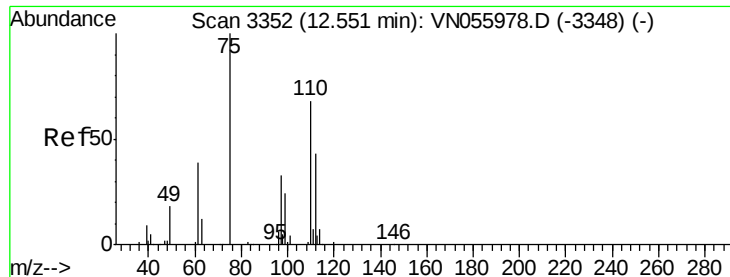
Tgt Ion:105 Resp: 1182618

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7

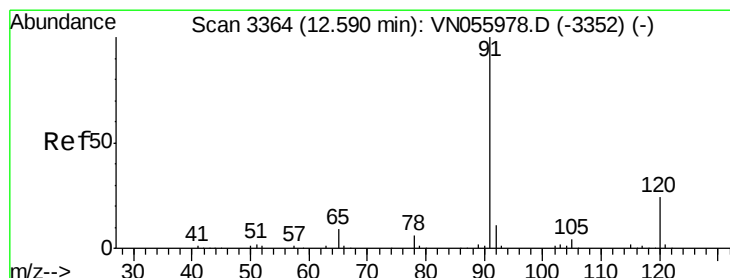
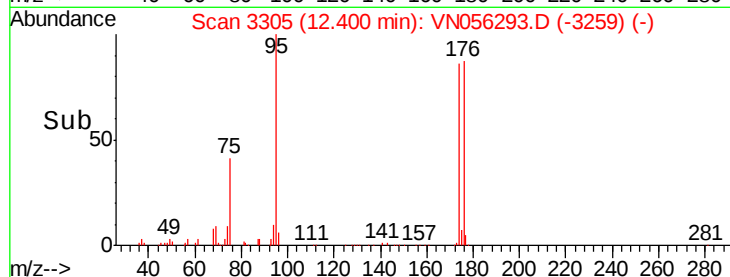
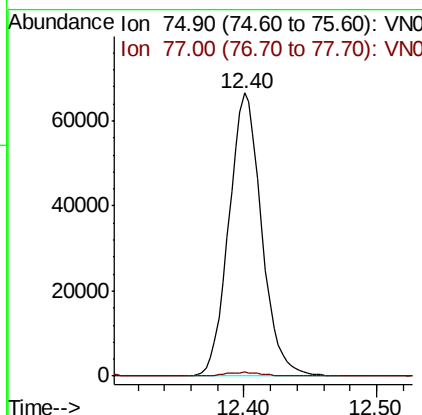
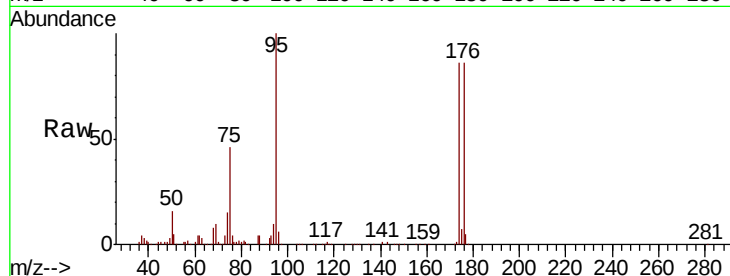




#76
1,2,3-Trichloropropane
Concen: 29.909 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

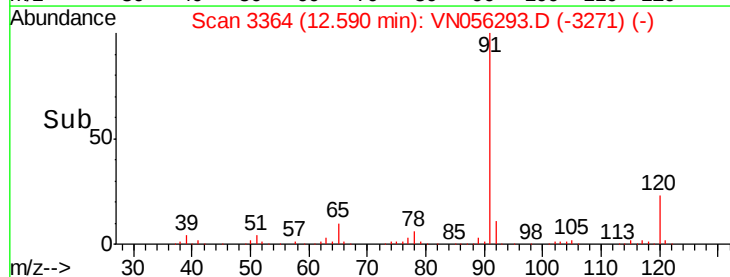
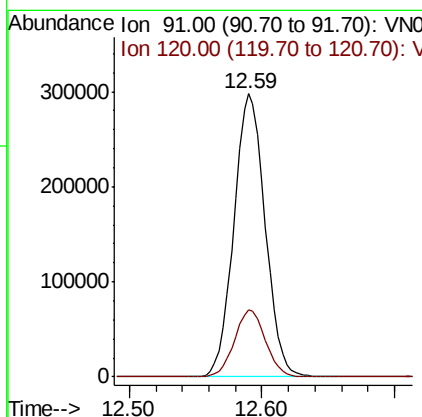
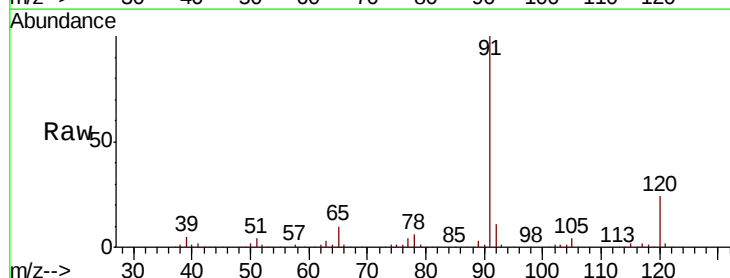
Instrument :
MSVOA_N
ClientSampleId :

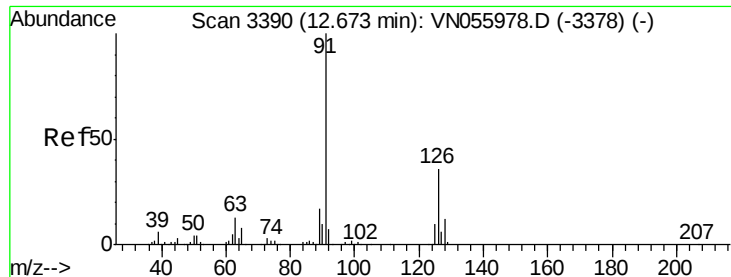
Tot Ion: 75 Resp: 114009
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 27.722 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 91 Resp: 485852
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.0





#79

2-Chlorotoluene

Concen: 49.978 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

Instrument :

MSVOA_N

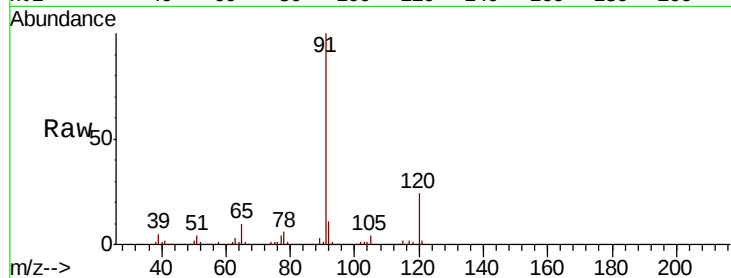
ClientSampleId :

Tot Ion: 91 Resp: 485852

Ion Ratio Lower Upper

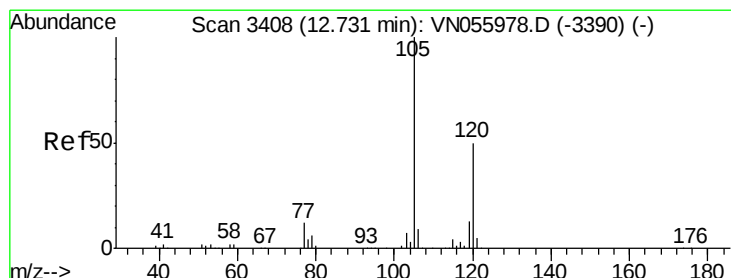
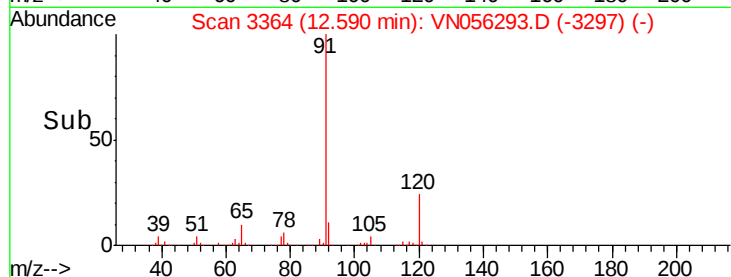
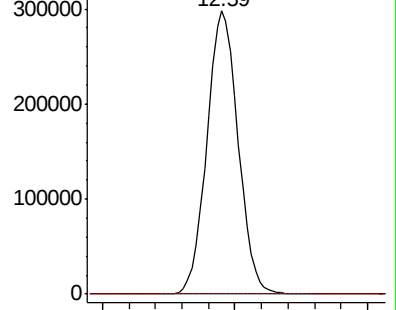
91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.815 ug/l

RT: 12.89 min Scan# 3458

Delta R.T. 0.16 min

Lab File: VN056293.D

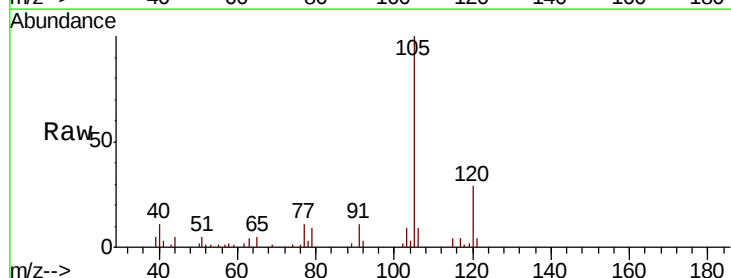
Acq: 13 Jun 2019 19:53

Tgt Ion:105 Resp: 25280

Ion Ratio Lower Upper

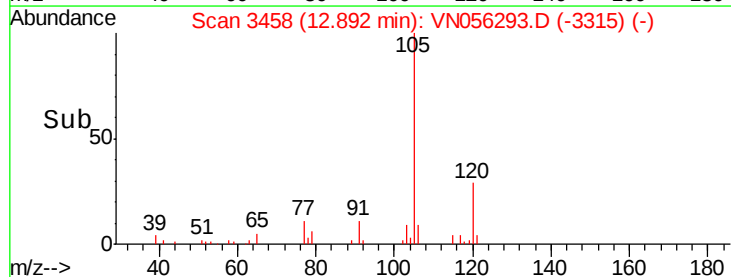
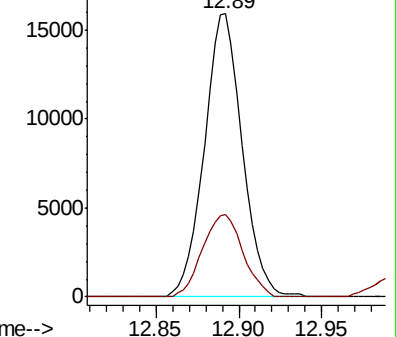
105 100

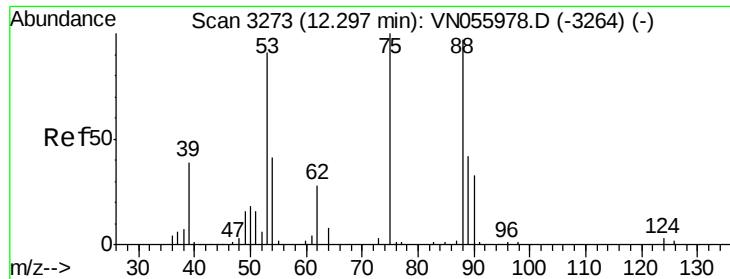
120 30.8 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055978.D (-3390) (-)

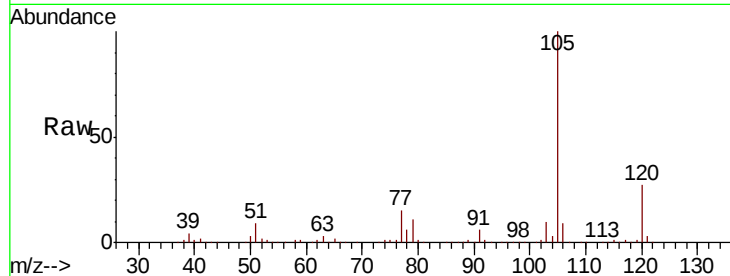




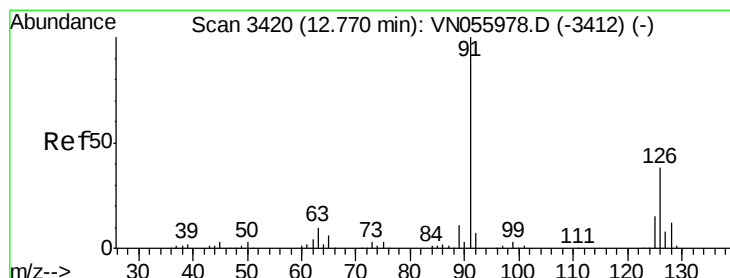
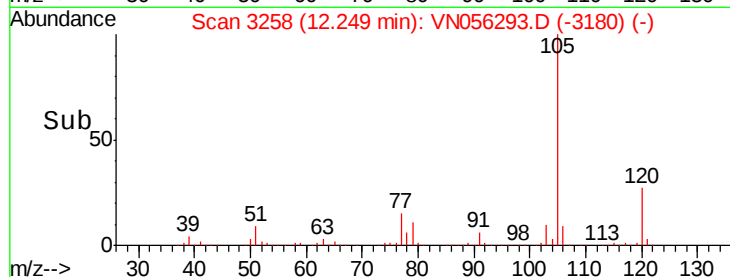
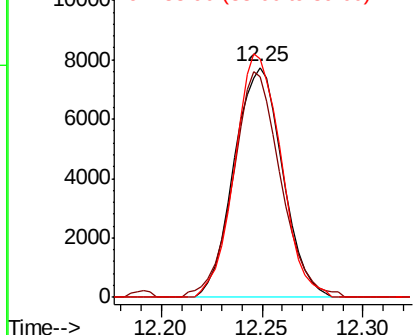
#81
trans-1,4-Dichloro-2-butene
Concen: 11.389 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.05 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 75 Resp: 13036
Ion Ratio Lower Upper
75 100
53 96.2 68.1 102.1
89 101.1 36.9 55.3#

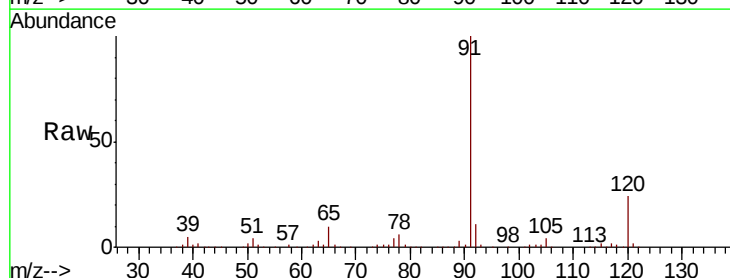


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

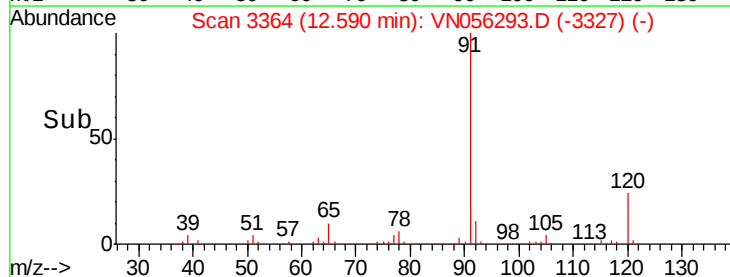
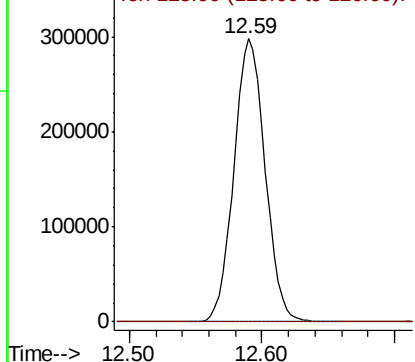


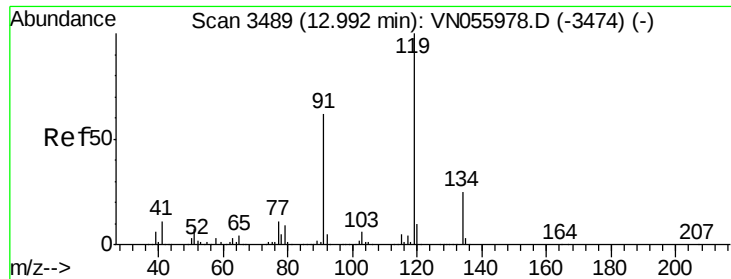
#82
4-Chlorotoluene
Concen: 47.384 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.18 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 91 Resp: 485852
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

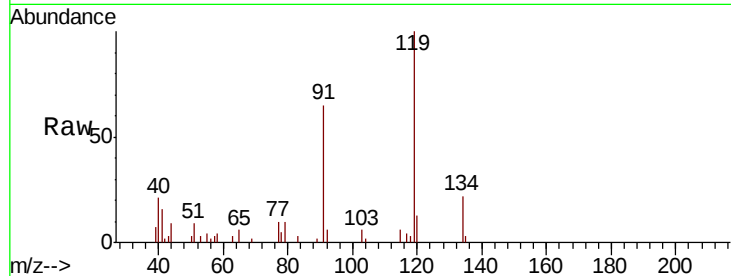




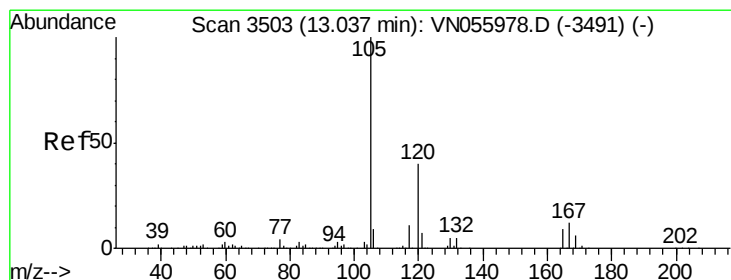
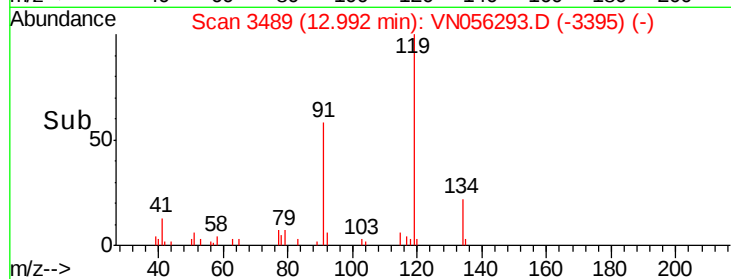
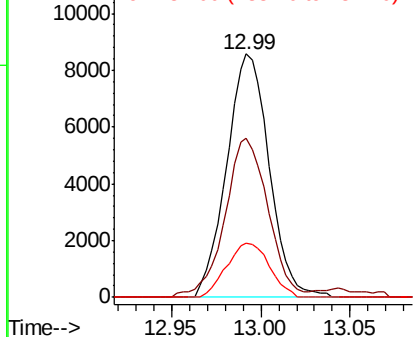
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 14212
Ion Ratio Lower Upper
119 100
91 66.1 30.9 92.8
134 22.3 13.3 39.8

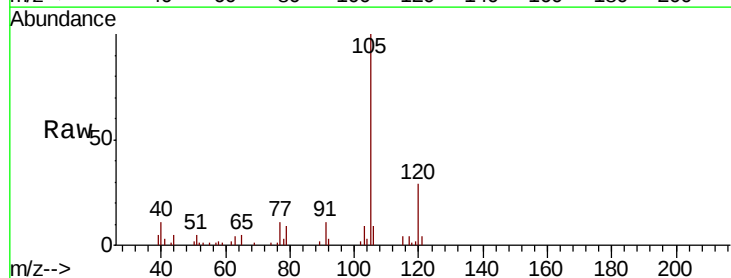


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

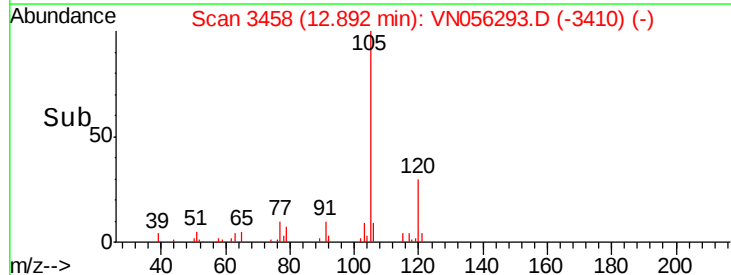
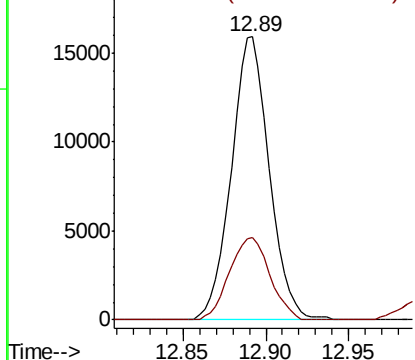


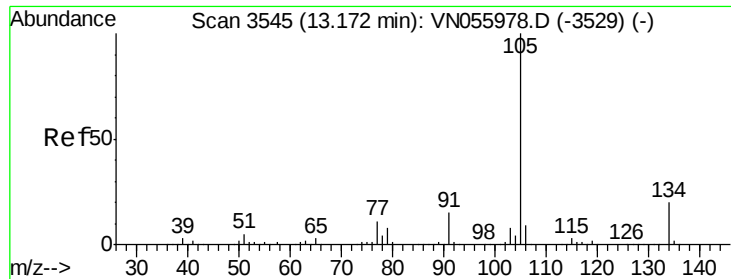
#84
1,2,4-Trimethylbenzene
Concen: 1.914 ug/l
RT: 12.89 min Scan# 3458
Delta R.T. -0.14 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion:105 Resp: 25280
Ion Ratio Lower Upper
105 100
120 30.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

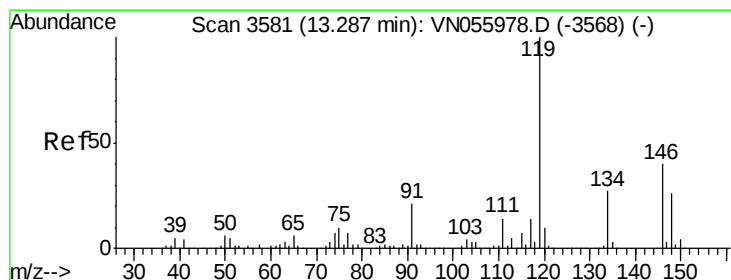
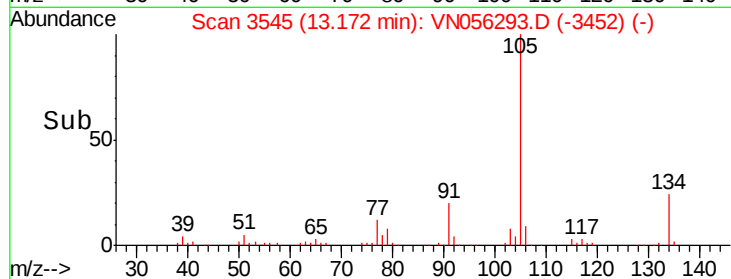
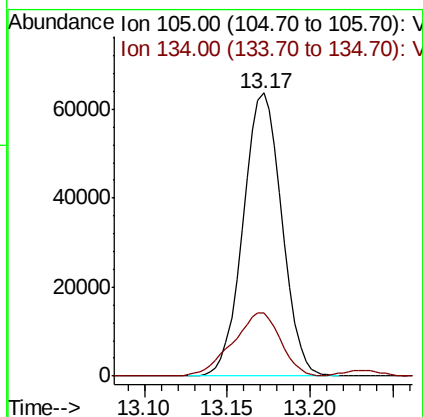
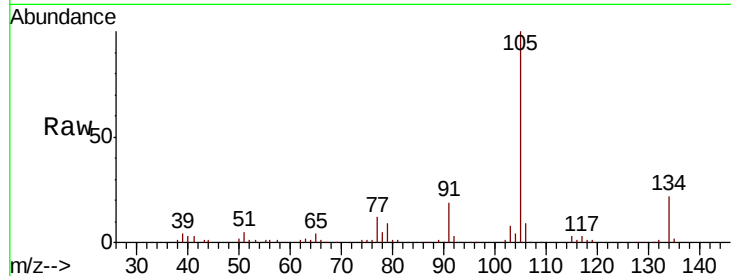




#85
 sec-Butylbenzene
 Concen: 6.662 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056293.D
 Acq: 13 Jun 2019 19:53

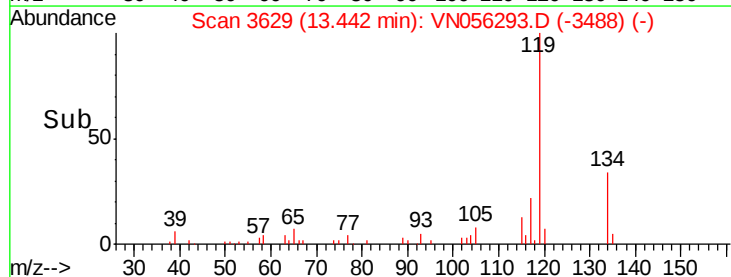
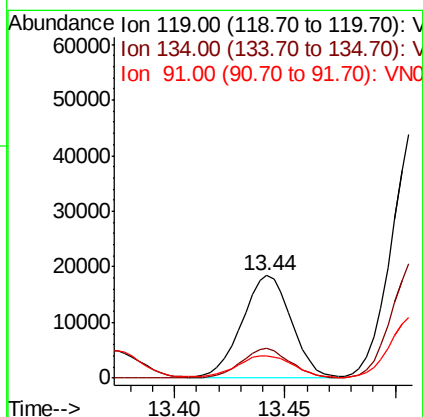
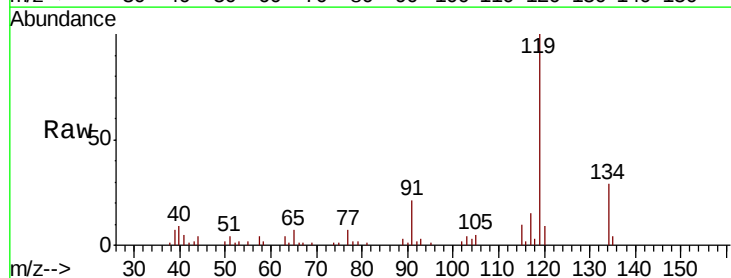
Instrument :
 MSVOA_N
 ClientSampled :

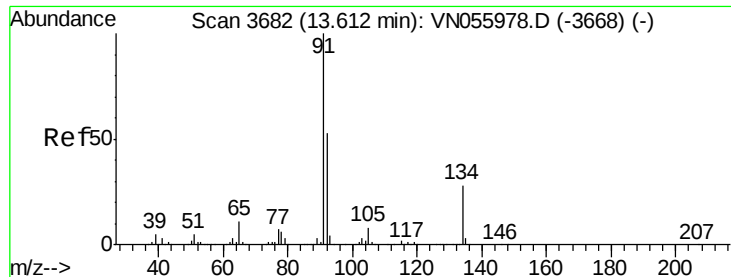
Tot Ion:105 Resp: 103404
 Ion Ratio Lower Upper
 105 100
 134 27.9 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 2.021 ug/l
 RT: 13.44 min Scan# 3629
 Delta R.T. 0.15 min
 Lab File: VN056293.D
 Acq: 13 Jun 2019 19:53

Tgt Ion:119 Resp: 28069
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.4 40.1
 91 23.6 10.9 32.9





#89

n-Butylbenzene

Concen: 3.529 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

Instrument :

MSVOA_N

ClientSampleId :

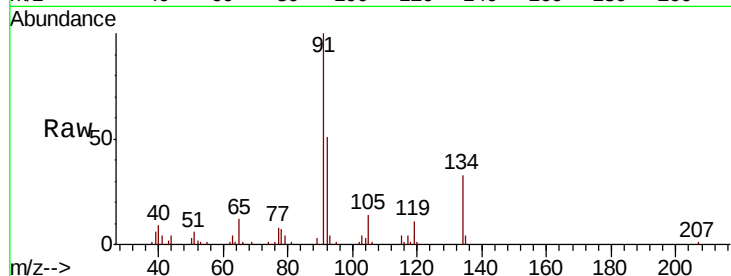
Tot Ion: 91 Resp: 36310

Ion Ratio Lower Upper

91 100

92 43.9 26.4 79.0

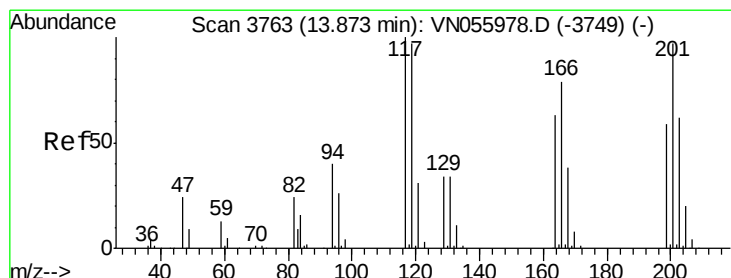
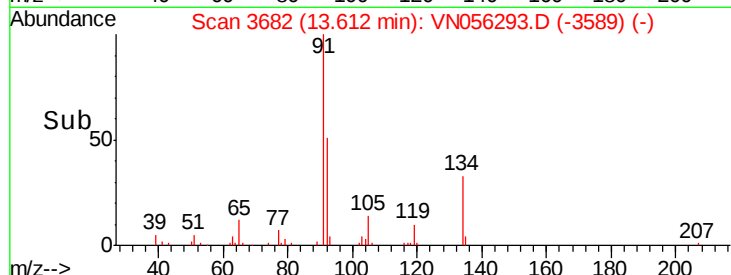
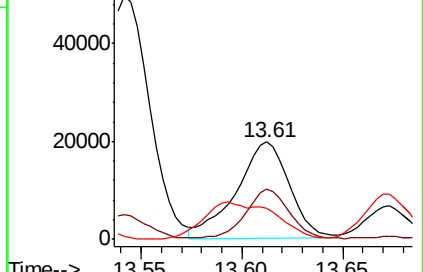
134 52.4 13.9 41.7#



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)



#90

Hexachloroethane

Concen: 9.377 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN056293.D

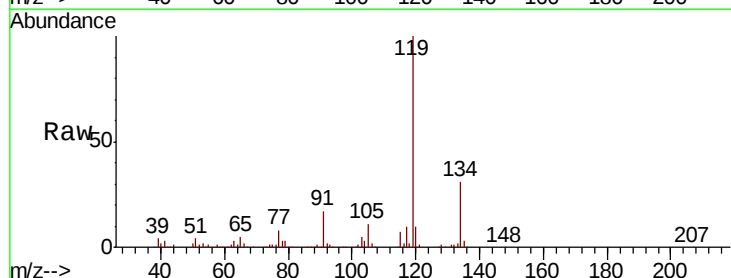
Acq: 13 Jun 2019 19:53

Tgt Ion: 117 Resp: 19643

Ion Ratio Lower Upper

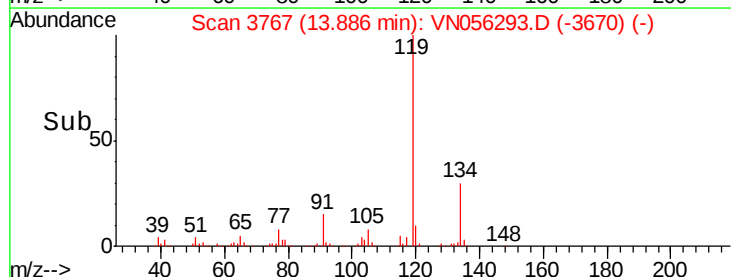
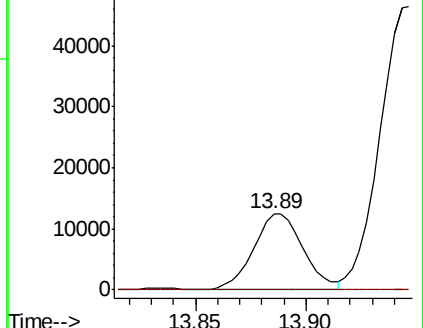
117 100

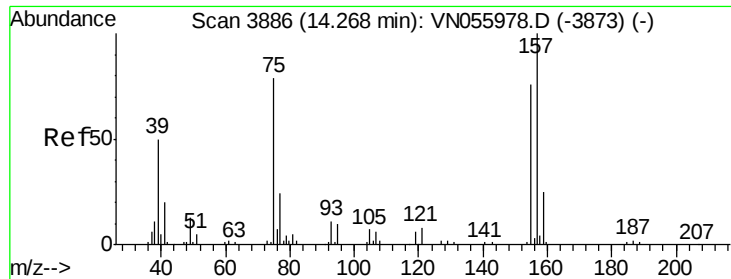
201 0.0 50.0 150.0#



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.705 ug/l

RT: 14.21 min Scan# 3867

Delta R.T. -0.06 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

Instrument :

MSVOA_N

ClientSampled :

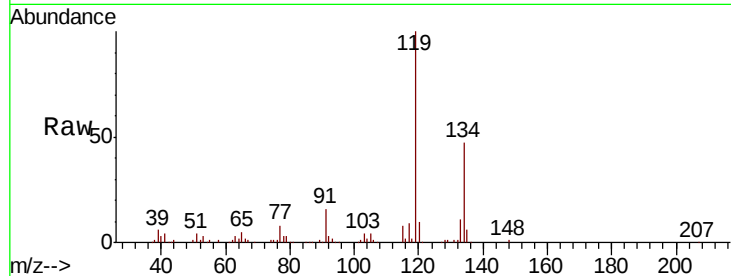
Tot Ion: 75 Resp: 1173

Ion Ratio Lower Upper

75 100

155 0.0 50.0 150.1#

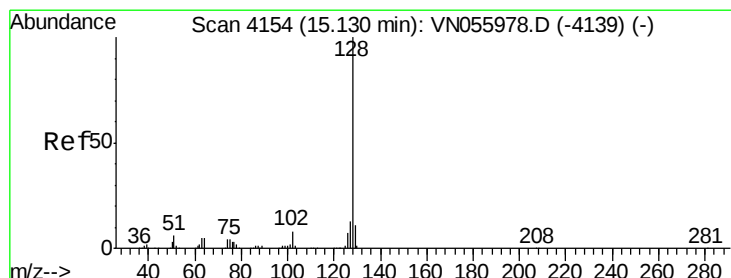
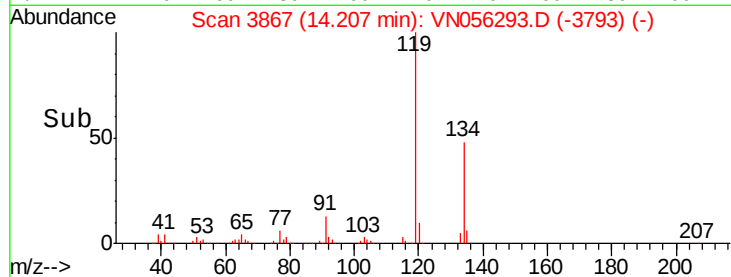
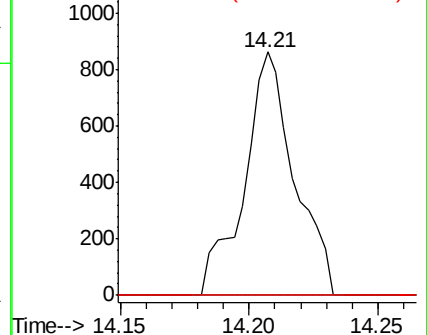
157 0.0 64.8 194.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN055978.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN055978.D (-3873) (-)



#95

Naphthalene

Concen: 7.099 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056293.D

Acq: 13 Jun 2019 19:53

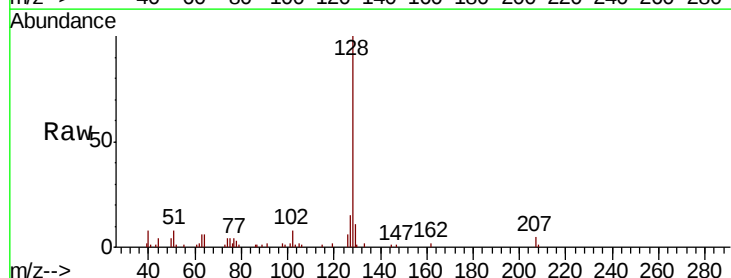
Tgt Ion: 128 Resp: 34861

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 8.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VN055978.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN055978.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN055978.D (-4139) (-)

