

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055982.D
 Acq On : 4 Jun 2019 11:29
 Operator : JC/SP
 Sample : VN0604WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBL01

Quant Time: Jun 05 01:12:38 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	330556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	499141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	443857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140572	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	160641	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
35) Dibromofluoromethane	7.59	113	145912	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
50) Toluene-d8	10.09	98	588018	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	178088	44.44	ug/l	0.00
Spiked Amount			Recovery	=	88.88%	

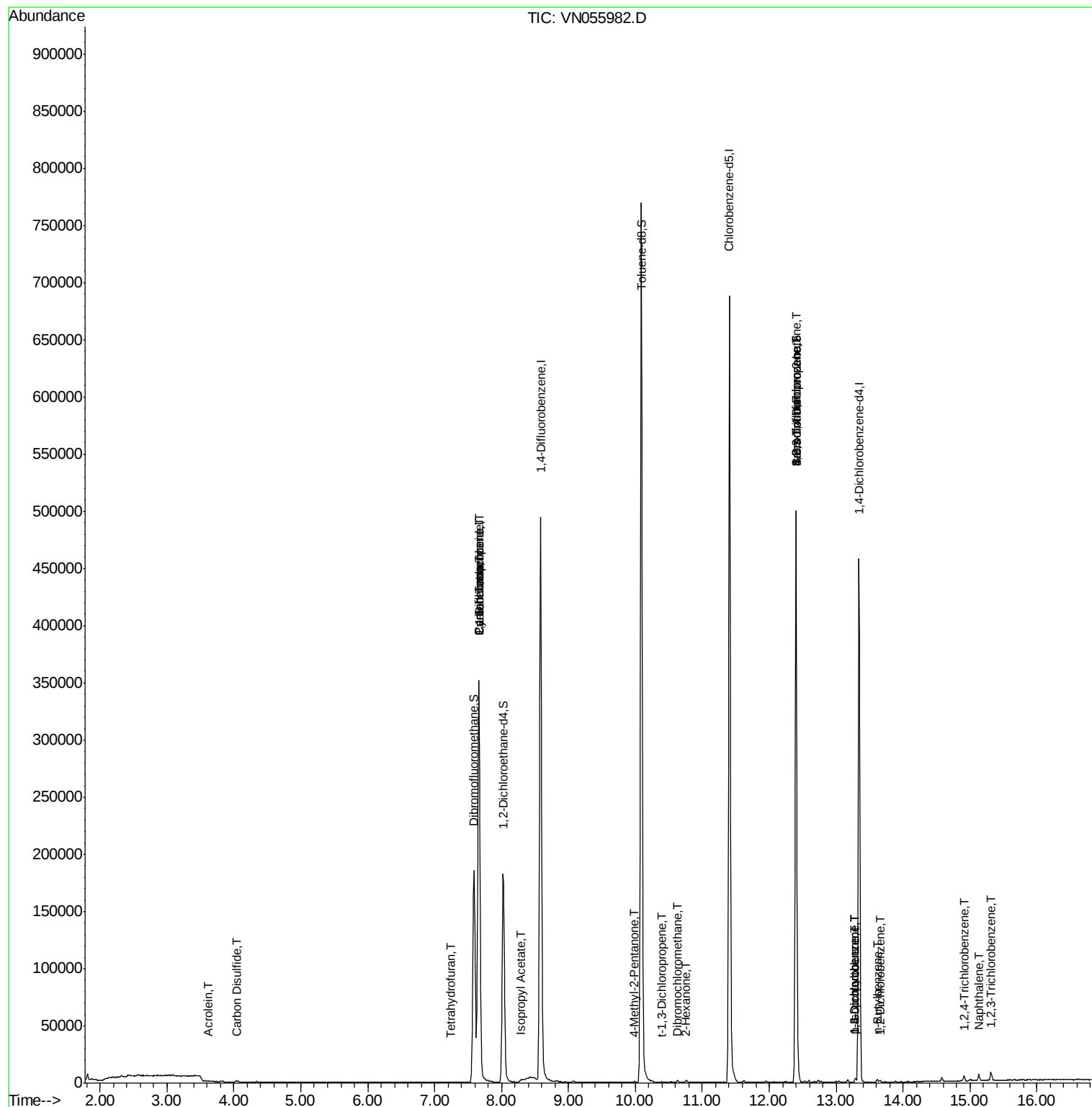
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	94	0.571	ug/l #	57
17) Carbon Disulfide	4.04	76	2209	0.332	ug/l #	74
18) Methyl Acetate	4.34	43	624	Below Cal	#	51
29) Tetrahydrofuran	7.22	42	295	0.241	ug/l #	32
31) Cyclohexane	7.66	56	5069	0.973	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	19016	4.431	ug/l #	48
38) Carbon Tetrachloride	7.66	117	27054	6.837	ug/l #	15
43) Isopropyl Acetate	8.29	43	1493	0.241	ug/l #	53
51) 4-Methyl-2-Pentanone	9.98	43	1176	0.304	ug/l #	68
53) t-1,3-Dichloropropene	10.38	75	220	2.443	ug/l #	43
59) 2-Hexanone	10.76	43	1685	0.601	ug/l	76
60) Dibromochloromethane	10.63	129	253	2.520	ug/l #	11
71) Bromoform	12.40	173	1201	3.185	ug/l #	1
73) Isopropylbenzene	12.25	105	1088	Below Cal		79
76) 1,2,3-Trichloropropane	12.40	75	82280	31.810	ug/l #	100
79) 2-Chlorotoluene	12.77	91	1235	Below Cal		89
81) trans-1,4-Dichloro-2-buten	12.40	75	82280	105.934	ug/l #	15
83) tert-Butylbenzene	12.99	119	923	Below Cal	#	86
86) p-Isopropyltoluene	13.29	119	1940	0.206	ug/l	89
87) 1,3-Dichlorobenzene	13.28	146	1145	0.246	ug/l	86
88) 1,4-Dichlorobenzene	13.28	146	1145	0.256	ug/l	87
89) n-Butylbenzene	13.62	91	1959	0.281	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	1133	0.241	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	2475	5.143	ug/l	95
94) Hexachlorobutadiene	15.00	225	544	Below Cal		90
95) Naphthalene	15.13	128	5962	4.670	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.32	180	3476	4.268	ug/l	98

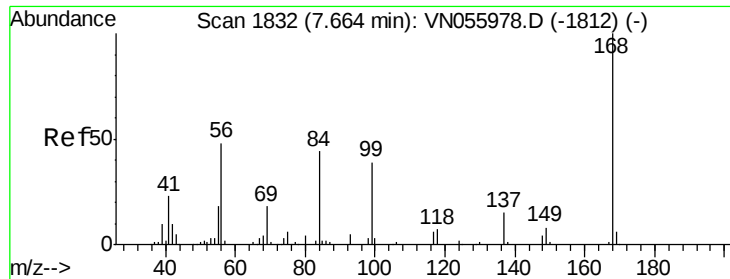
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060419\
Data File : VN055982.D
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Quant Time: Jun 05 01:12:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

Instrument :

MSVOA_N

ClientSampled :

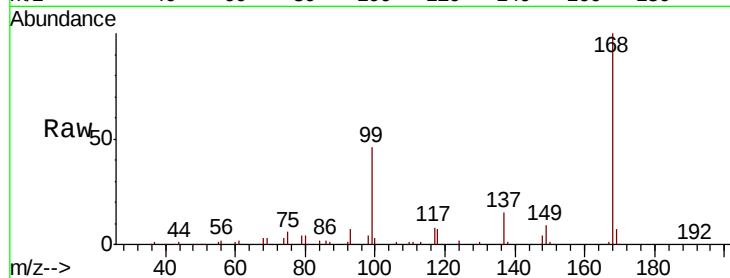
VN0604WBL01

Tot Ion:168 Resp: 330556

Ion Ratio Lower Upper

168 100

99 46.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

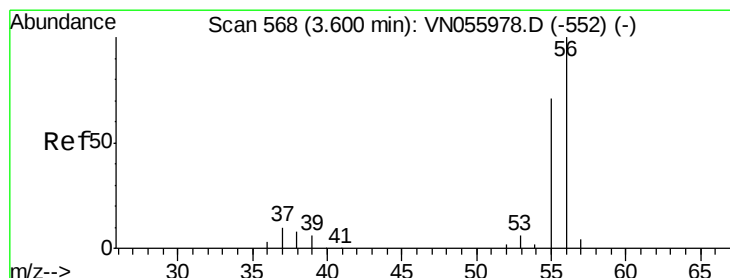
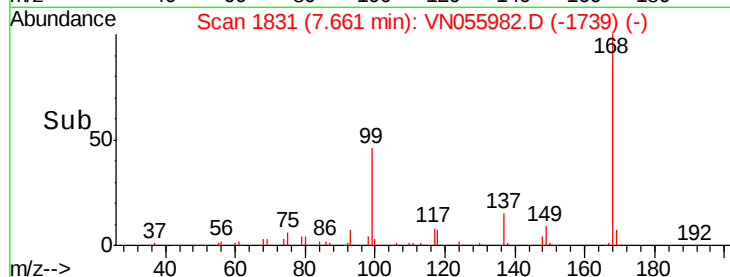
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#13

Acrolein

Concen: 0.571 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN055982.D

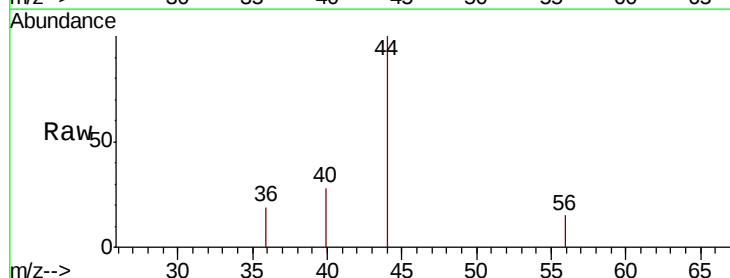
Acq: 4 Jun 2019 11:29

Tgt Ion: 56 Resp: 94

Ion Ratio Lower Upper

56 100

55 104.3 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VN055978.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN055978.D (-552) (-)

3.61

200

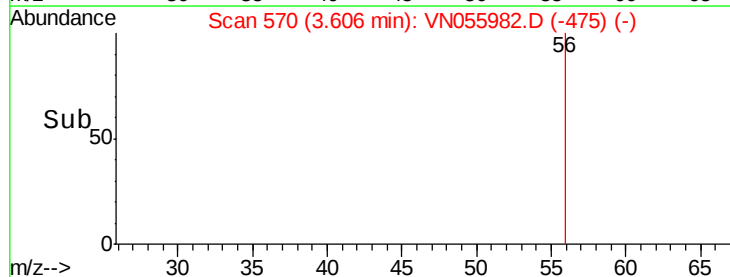
150

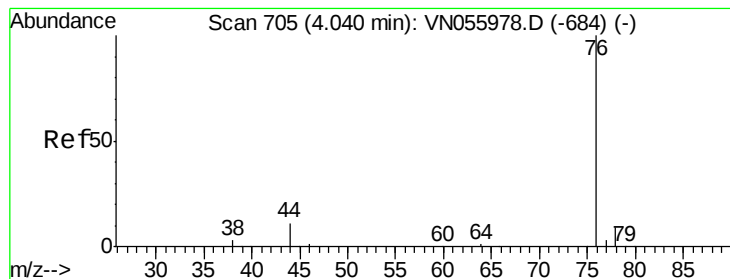
100

50

0

Time--> 3.59 3.60 3.61 3.62





#17

Carbon Disulfide

Concen: 0.332 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

Instrument :

MSVOA_N

ClientSampled :

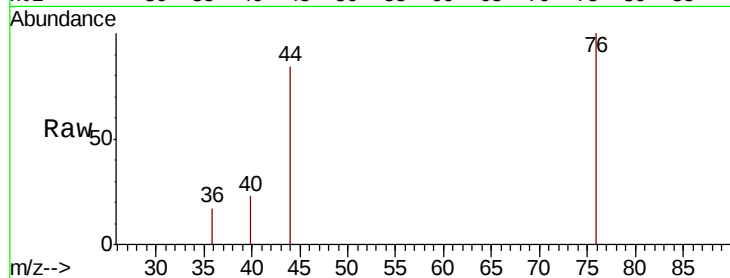
VN0604WBL01

Tot Ion: 76 Resp: 2209

Ion Ratio Lower Upper

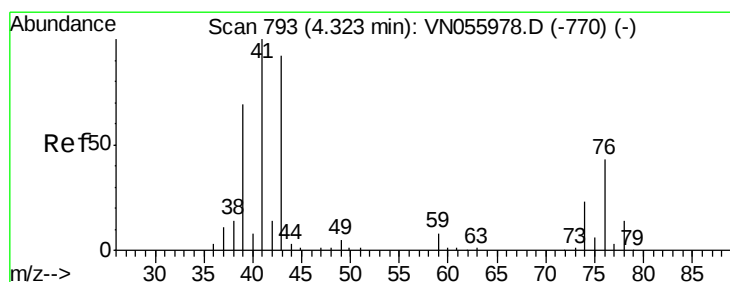
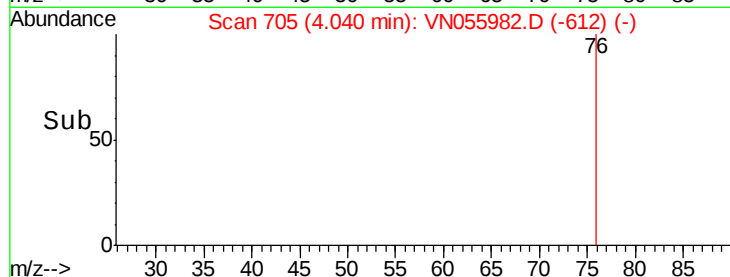
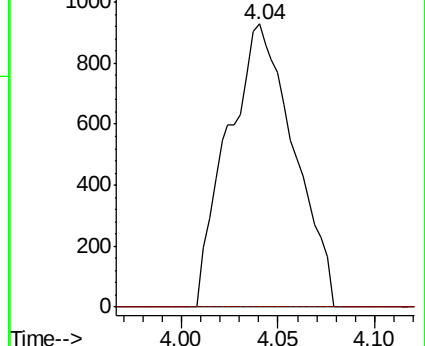
76 100

78 0.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055982.D

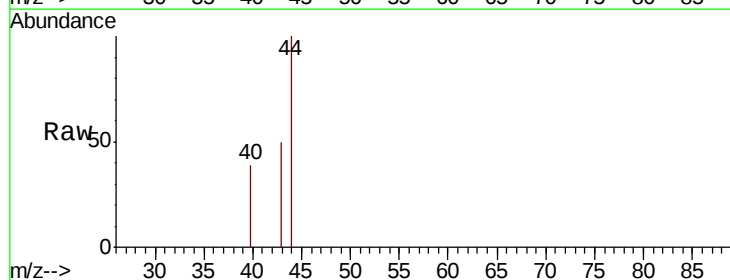
Acq: 4 Jun 2019 11:29

Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

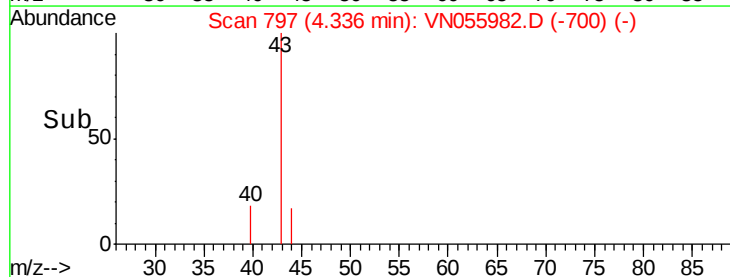
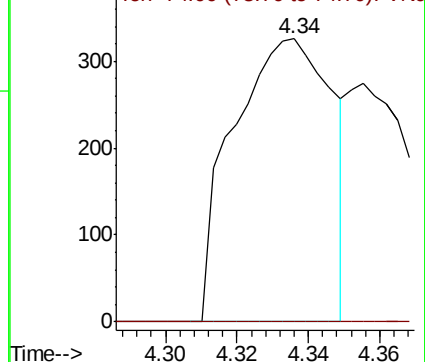
43 100

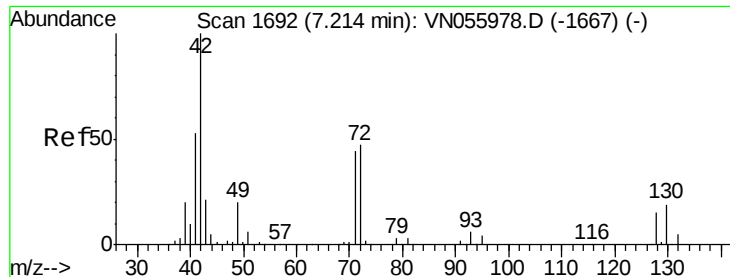
74 0.0 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#29

Tetrahydrofuran

Concen: 0.241 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBL01

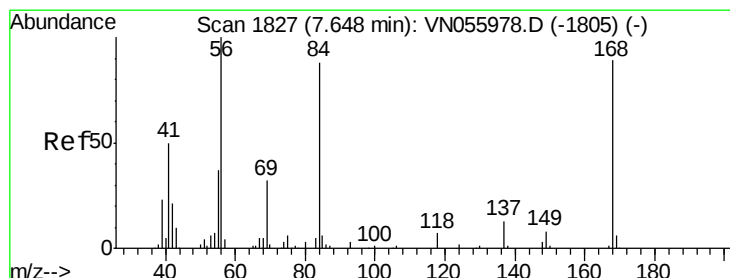
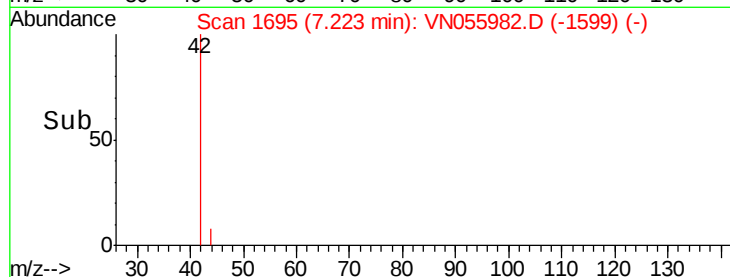
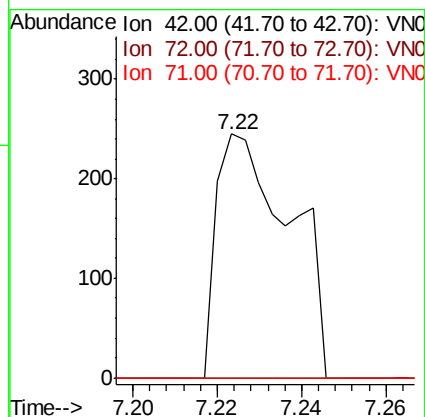
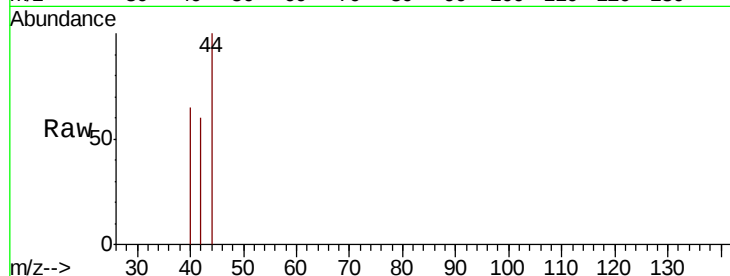
Tot Ion: 42 Resp: 295

Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

71 0.0 34.0 51.0#



#31

Cyclohexane

Concen: 0.973 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

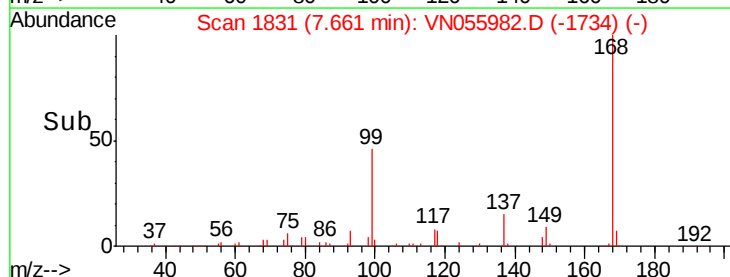
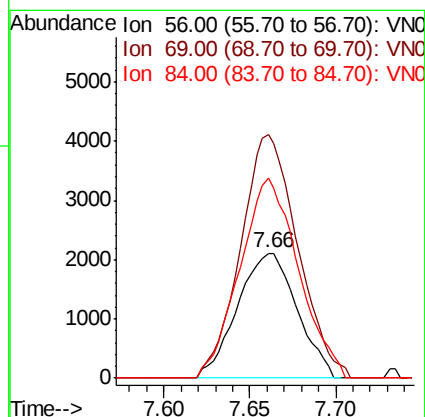
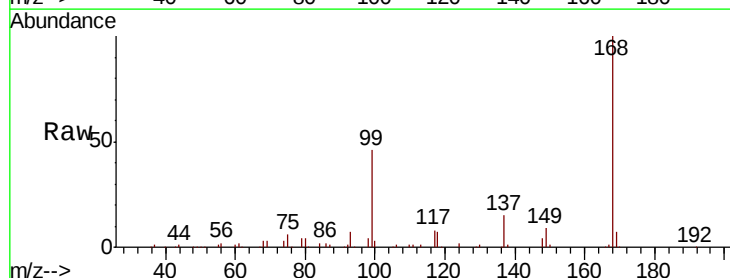
Tgt Ion: 56 Resp: 5069

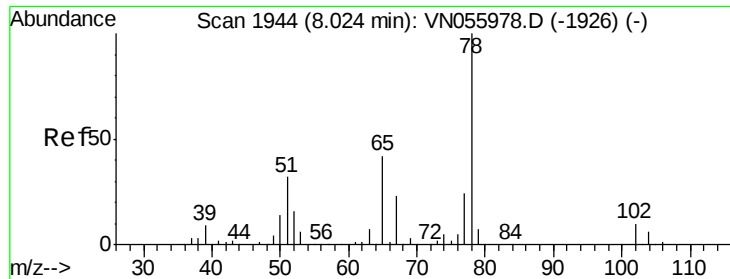
Ion Ratio Lower Upper

56 100

69 194.9 25.6 38.4#

84 159.7 67.4 101.0#

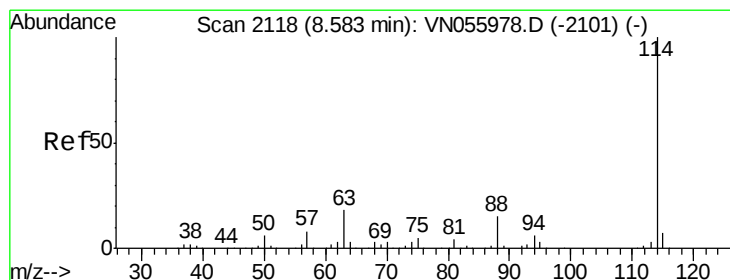
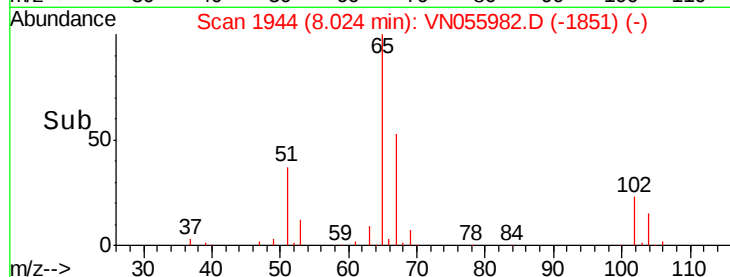
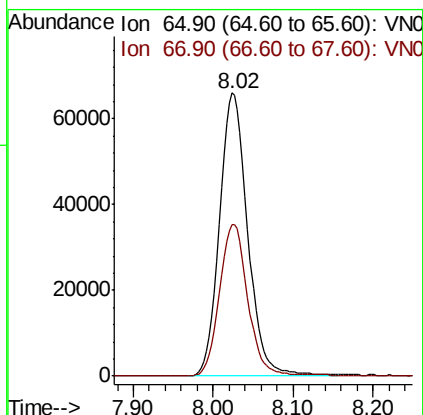
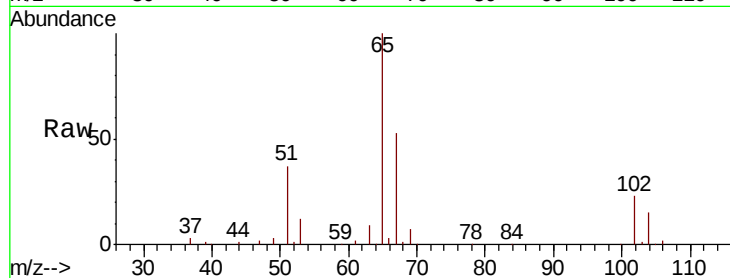




#33
 1,2-Dichloroethane-d4
 Concen: 48.944 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055982.D
 Acq: 4 Jun 2019 11:29

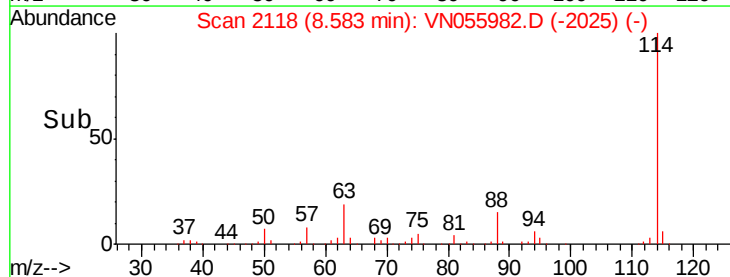
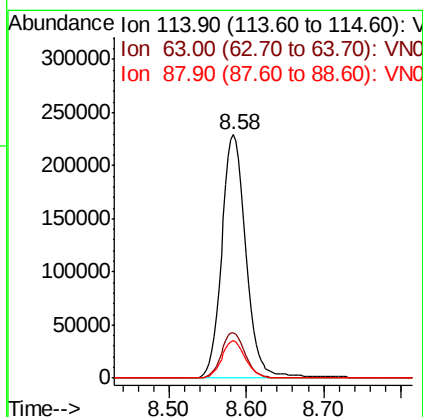
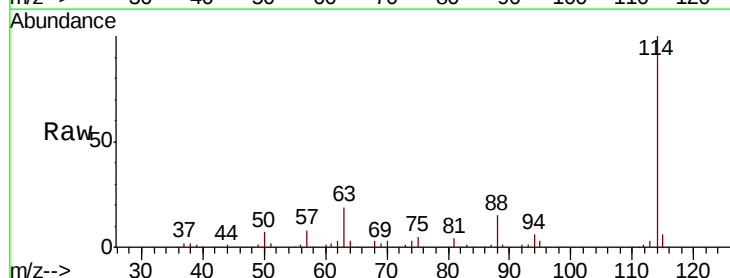
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBL01

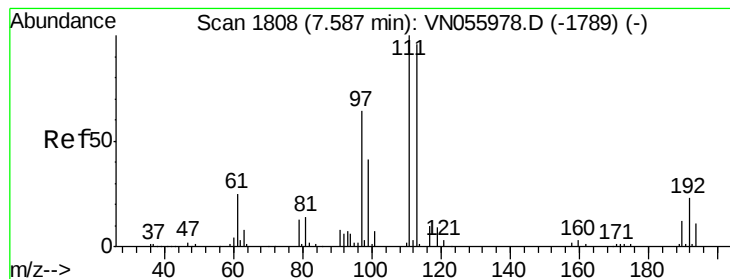
Tot Ion: 65 Resp: 160641
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055982.D
 Acq: 4 Jun 2019 11:29

Tgt Ion: 114 Resp: 499141
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.646 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBL01

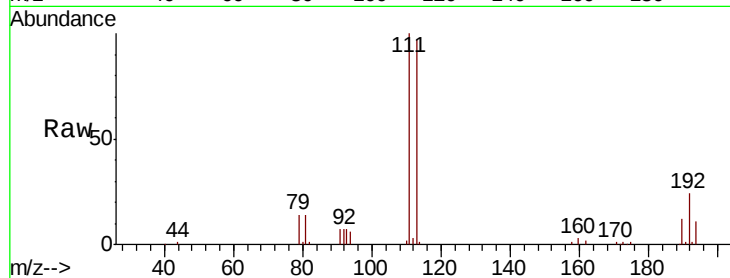
Tot Ion:113 Resp: 145912

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

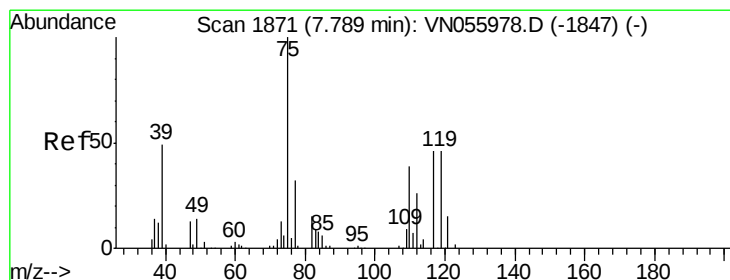
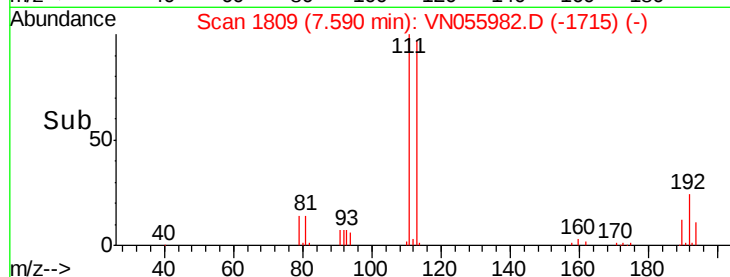
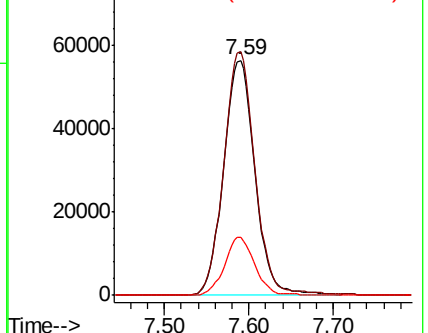
192 23.6 19.5 29.3



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: 4.431 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

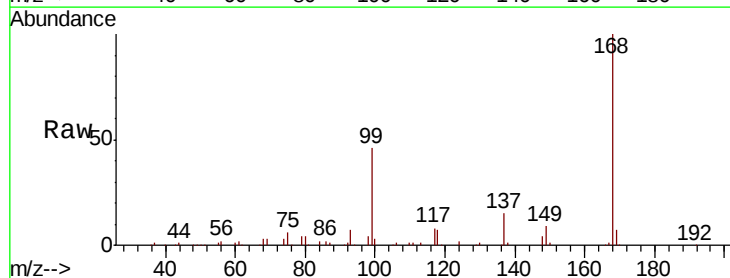
Tgt Ion: 75 Resp: 19016

Ion Ratio Lower Upper

75 100

110 8.8 19.0 57.0#

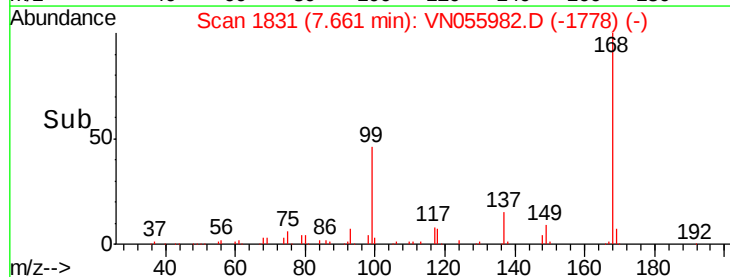
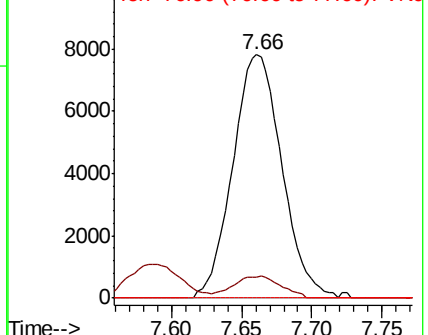
77 0.0 25.1 37.7#

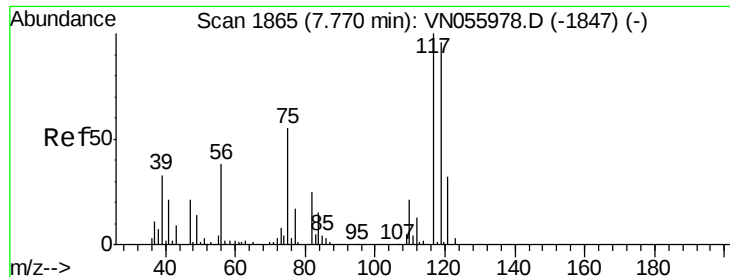


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.837 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

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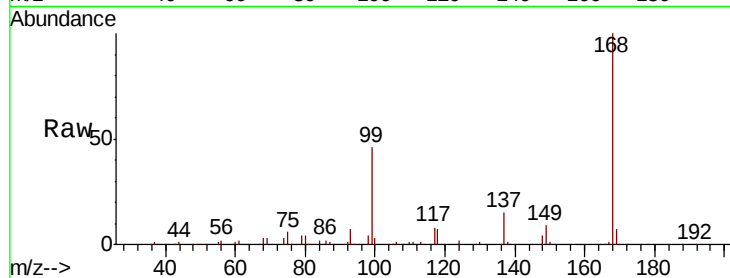
Tot Ion:117 Resp: 27054

Ion Ratio Lower Upper

117 100

119 5.2 79.0 118.6#

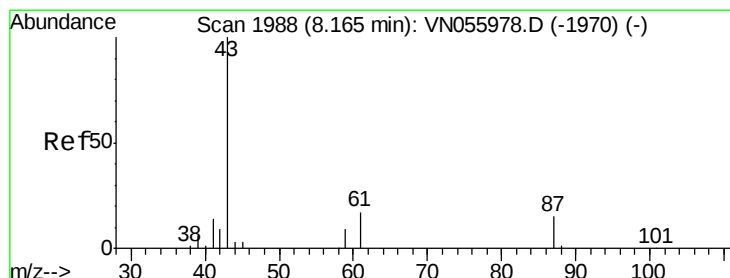
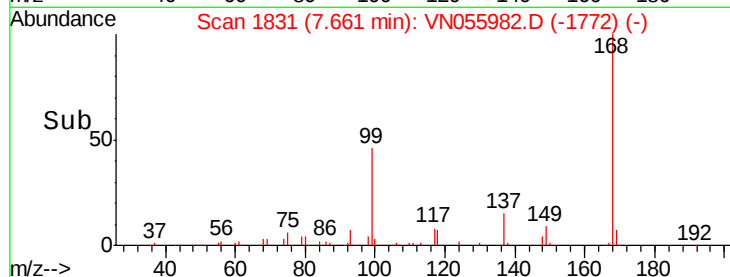
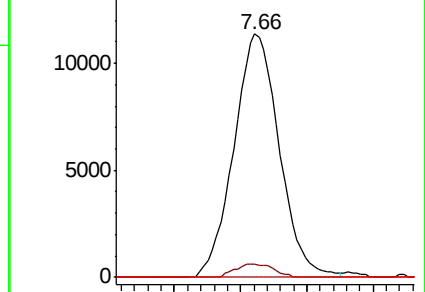
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 0.241 ug/l

RT: 8.29 min Scan# 2028

Delta R.T. 0.13 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

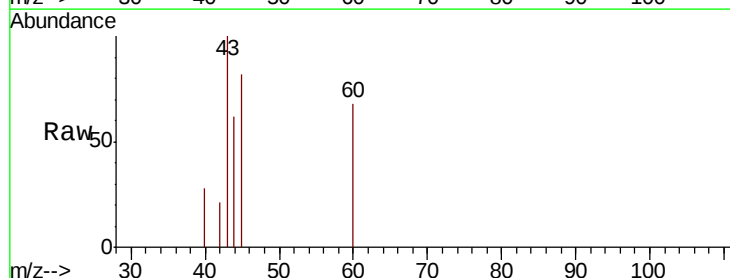
Tgt Ion: 43 Resp: 1493

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

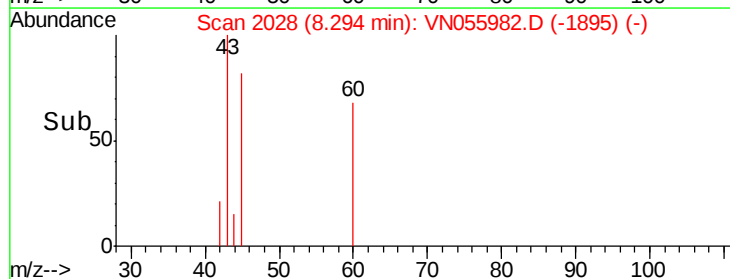
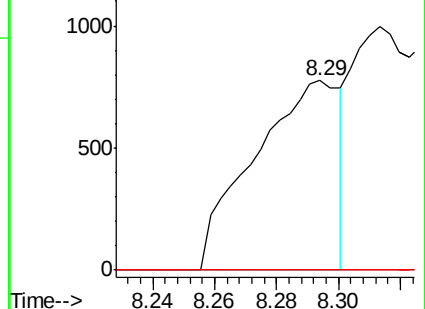
87 0.0 11.4 17.2#

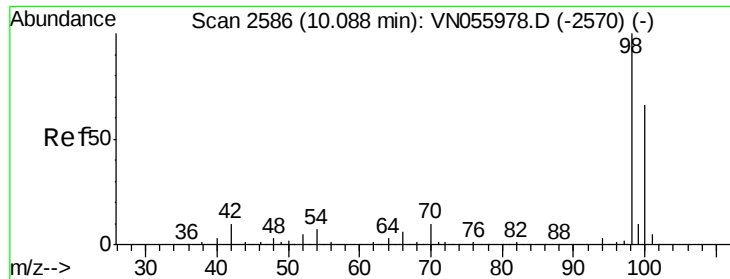


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 49.899 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

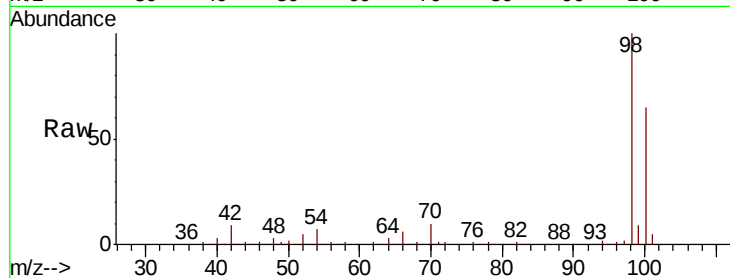
VN0604WBL01

Tot Ion: 98 Resp: 588018

Ion Ratio Lower Upper

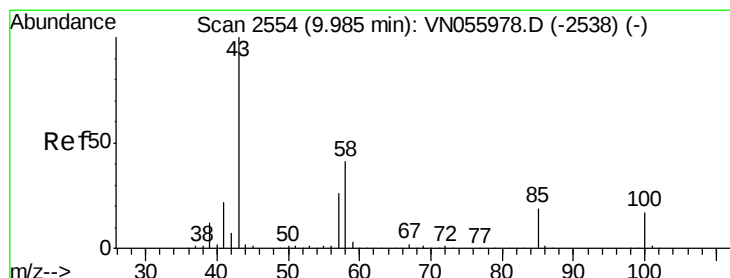
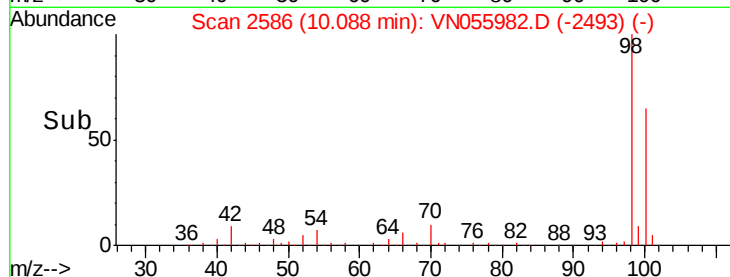
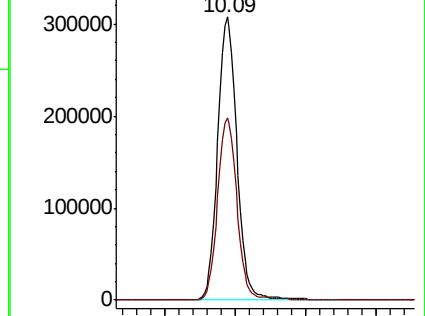
98 100

100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.304 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055982.D

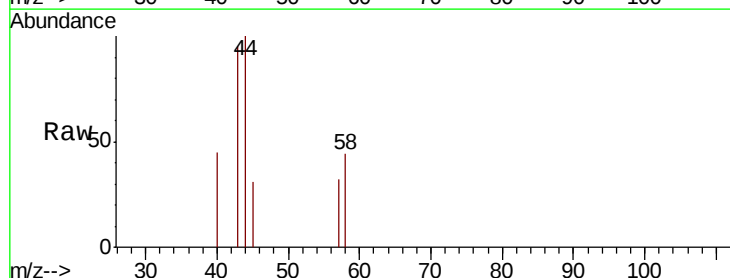
Acq: 4 Jun 2019 11:29

Tgt Ion: 43 Resp: 1176

Ion Ratio Lower Upper

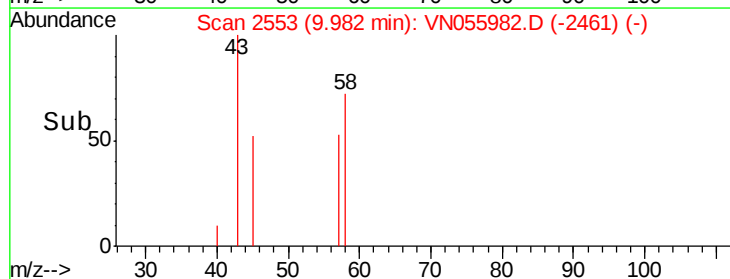
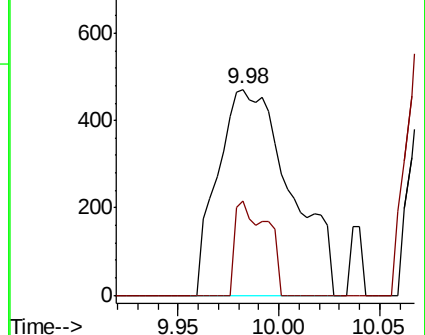
43 100

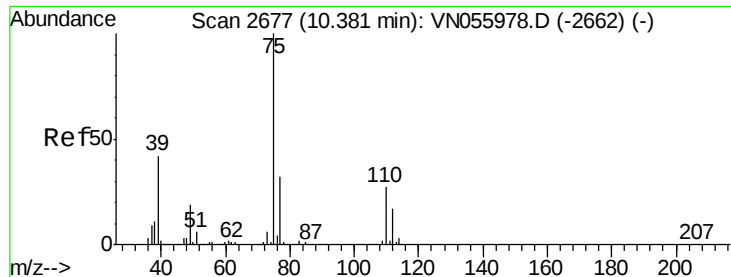
58 20.4 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

t-1,3-Dichloropropene

Concen: 2.443 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

Instrument :

MSVOA_N

ClientSampled :

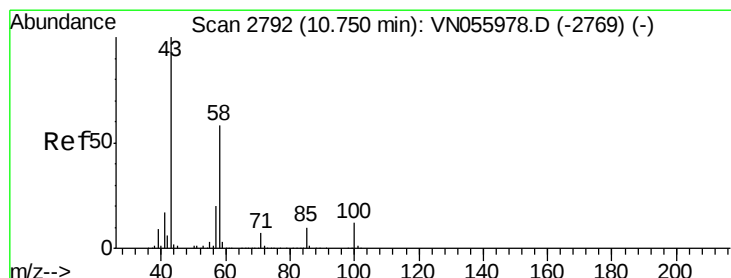
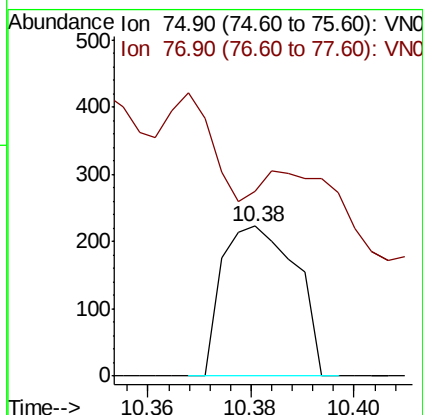
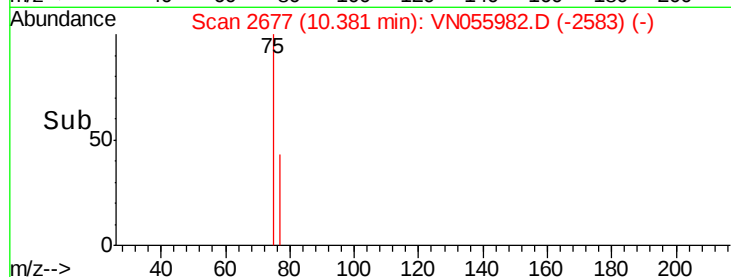
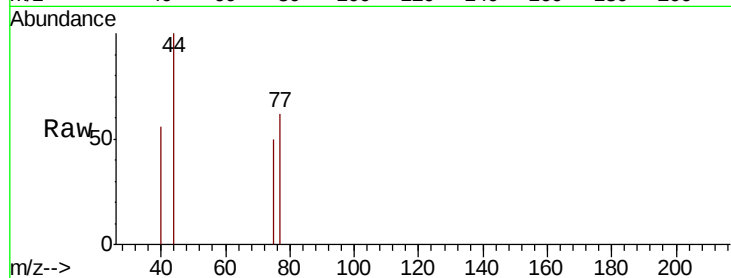
VN0604WBL01

Tot Ion: 75 Resp: 220

Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.6#



#59

2-Hexanone

Concen: 0.601 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.01 min

Lab File: VN055982.D

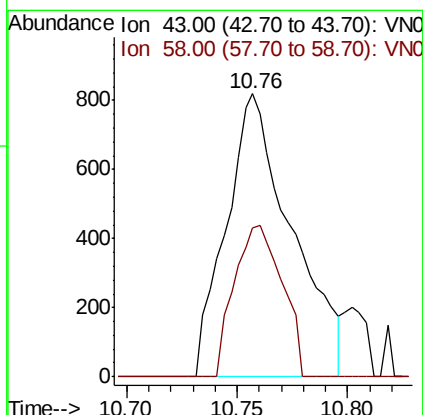
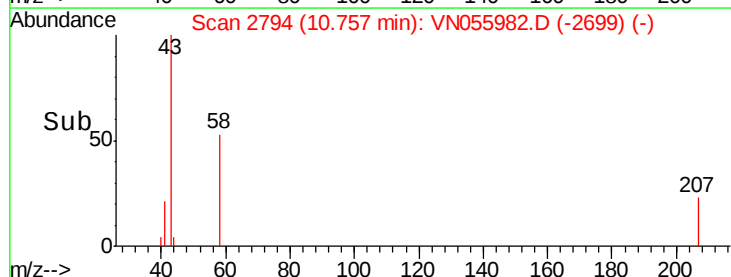
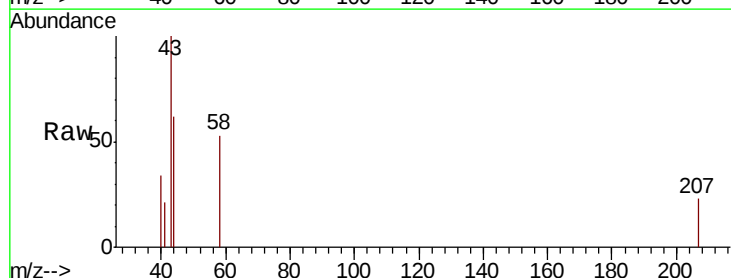
Acq: 4 Jun 2019 11:29

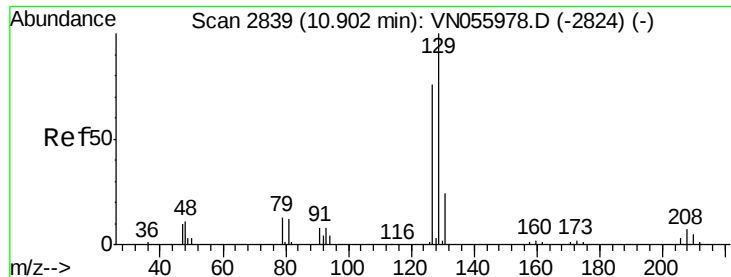
Tgt Ion: 43 Resp: 1685

Ion Ratio Lower Upper

43 100

58 39.1 28.2 84.7

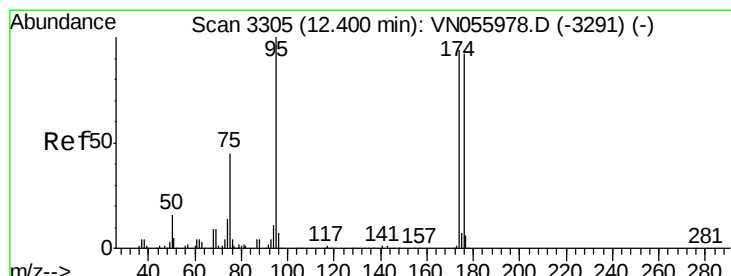
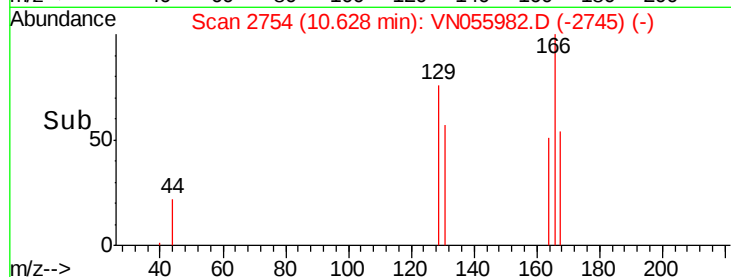
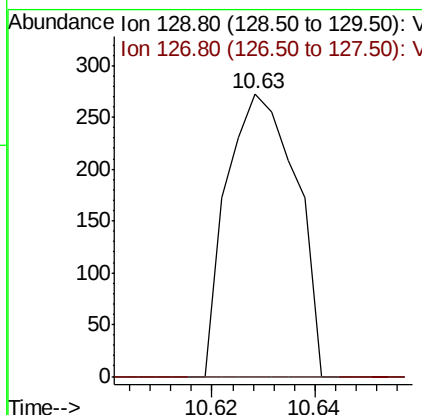
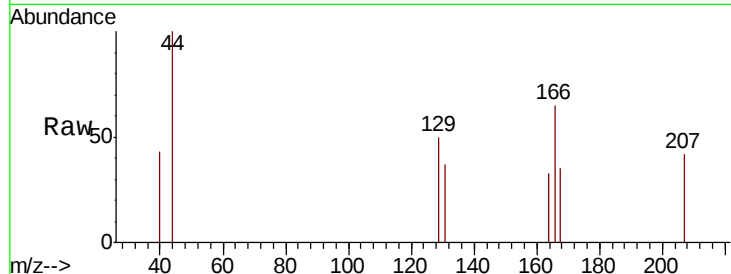




#60
Dibromochloromethane
Concen: 2.520 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN055982.D
Acq: 4 Jun 2019 11:29

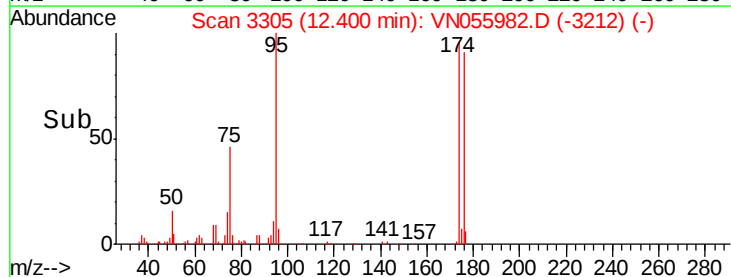
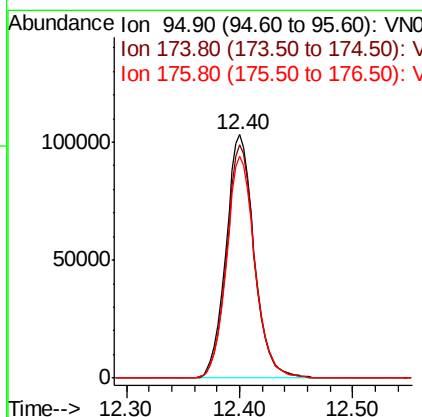
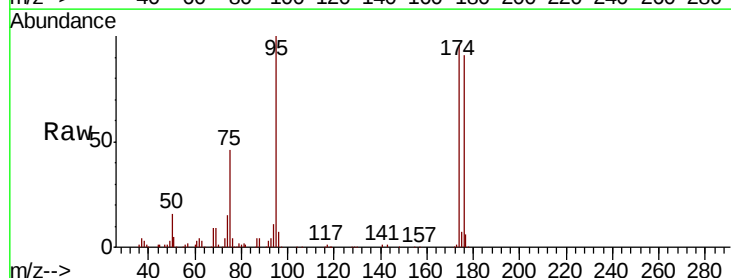
Instrument :
MSVOA_N
ClientSampleId :
VN0604WBL01

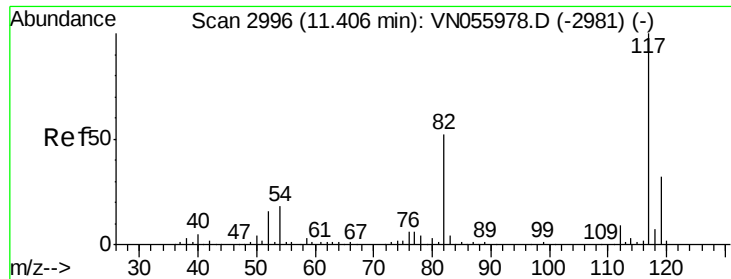
Tot Ion:129 Resp: 253
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.3#



#62
4-Bromofluorobenzene
Concen: 44.439 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055982.D
Acq: 4 Jun 2019 11:29

Tgt Ion: 95 Resp: 178088
Ion Ratio Lower Upper
95 100
174 95.6 0.0 191.0
176 91.6 0.0 185.2

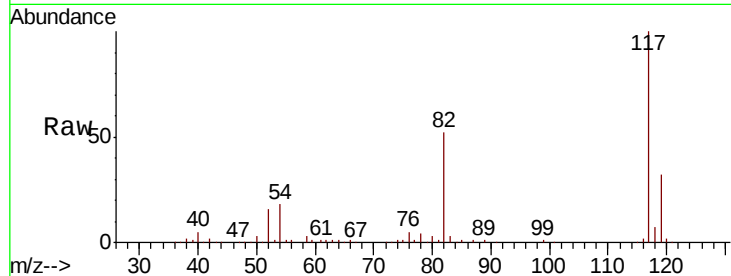




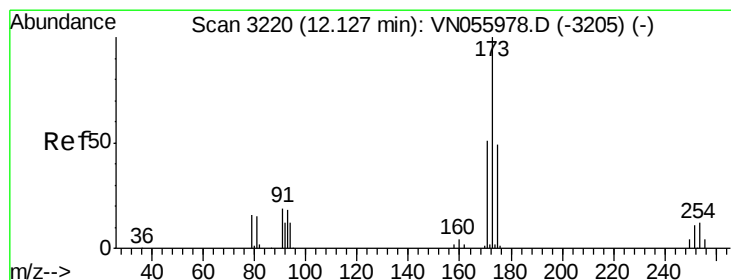
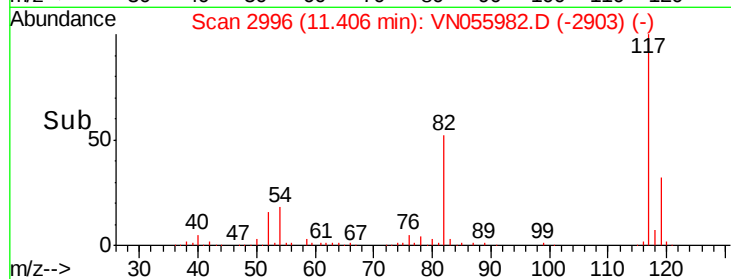
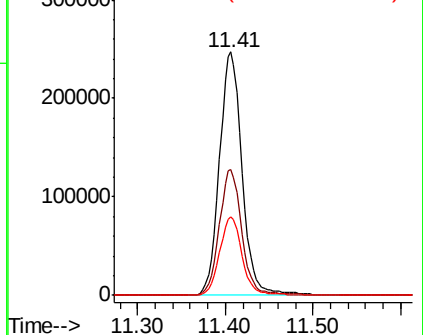
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055982.D
Acq: 4 Jun 2019 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN0604WBL01

Tot Ion:117 Resp: 443857
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.8
119 32.5 25.4 38.0

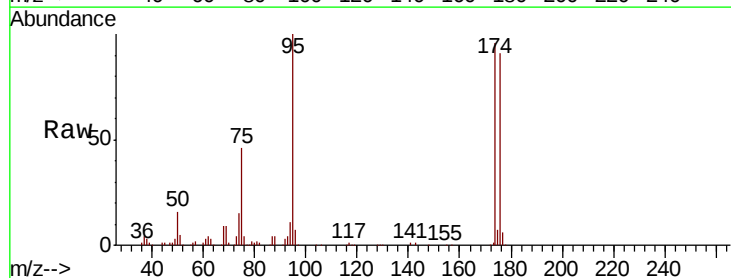


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

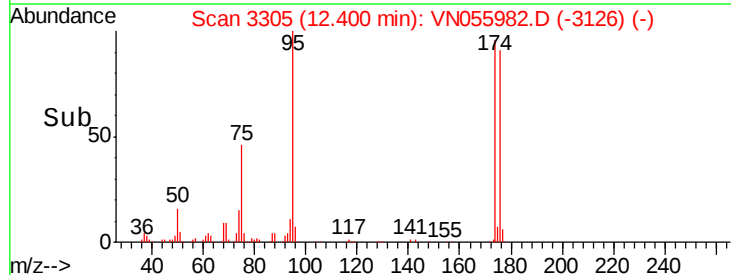
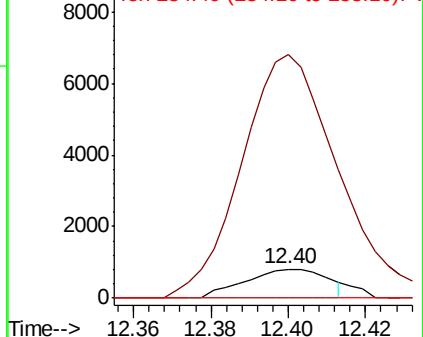


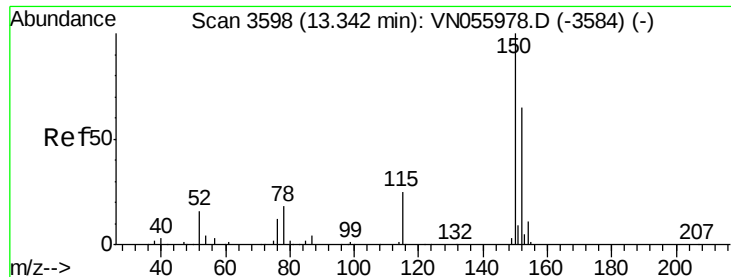
#71
Bromoform
Concen: 3.185 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055982.D
Acq: 4 Jun 2019 11:29

Tgt Ion:173 Resp: 1201
Ion Ratio Lower Upper
173 100
175 846.5 24.3 72.8#
254 0.0 0.0 0.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBL01

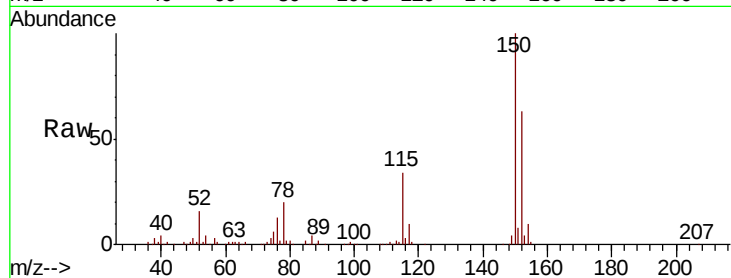
Tot Ion:152 Resp: 140572

Ion Ratio Lower Upper

152 100

115 53.9 27.0 81.0

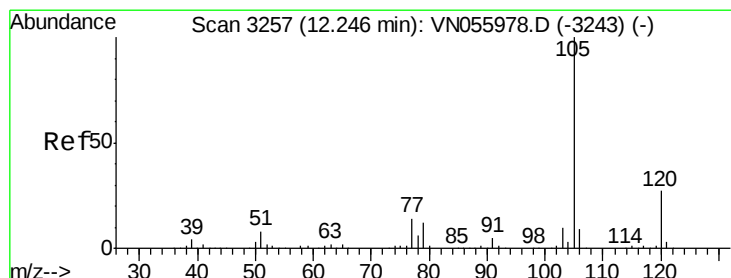
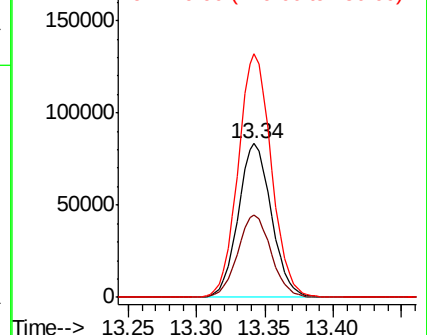
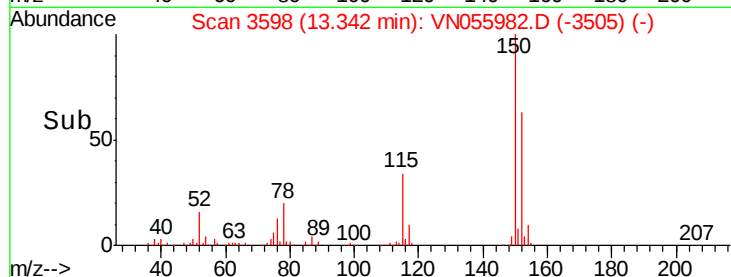
150 158.3 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN055982.D

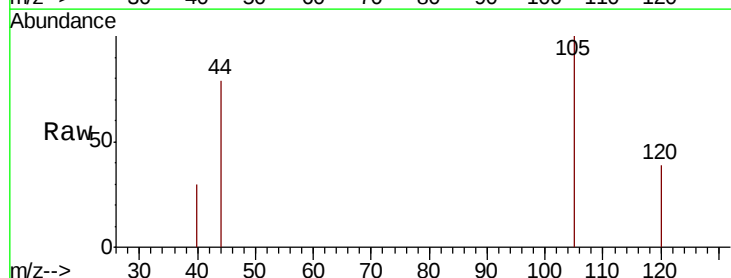
Acq: 4 Jun 2019 11:29

Tgt Ion:105 Resp: 1088

Ion Ratio Lower Upper

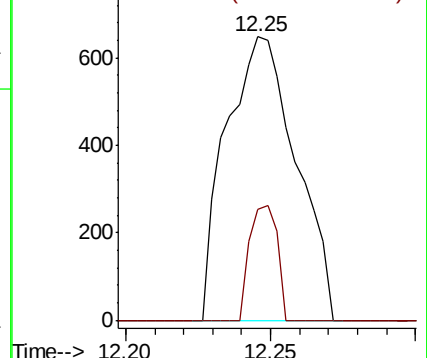
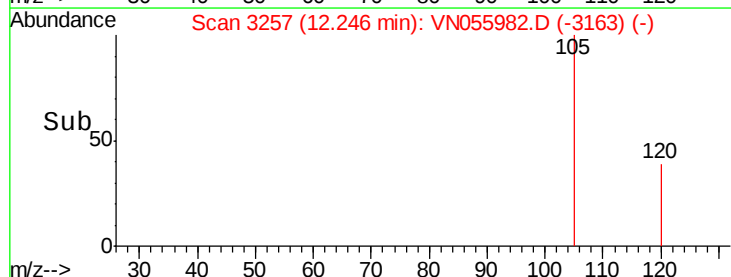
105 100

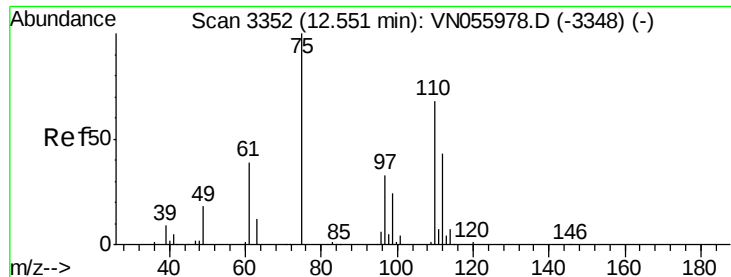
120 16.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 31.810 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

Instrument :

MSVOA_N

ClientSampled :

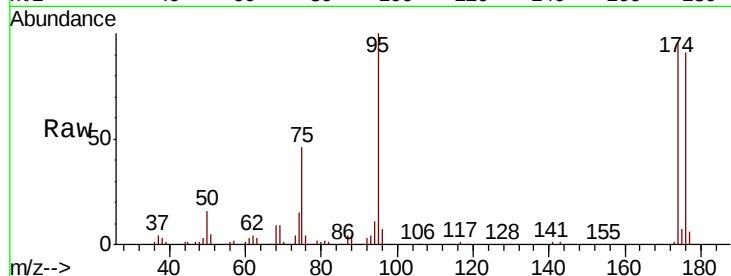
VN0604WBL01

Tot Ion: 75 Resp: 82280

Ion Ratio Lower Upper

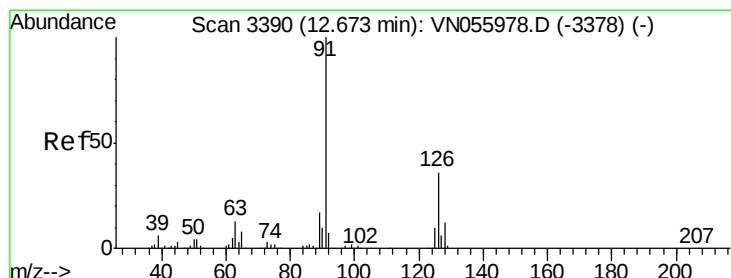
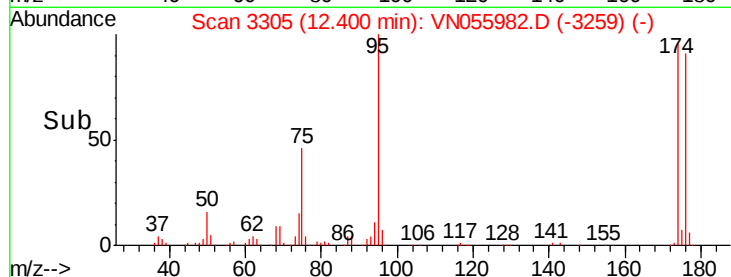
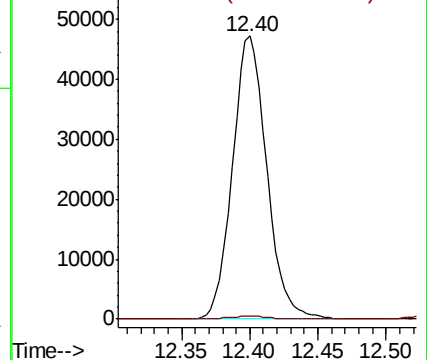
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN055982.D

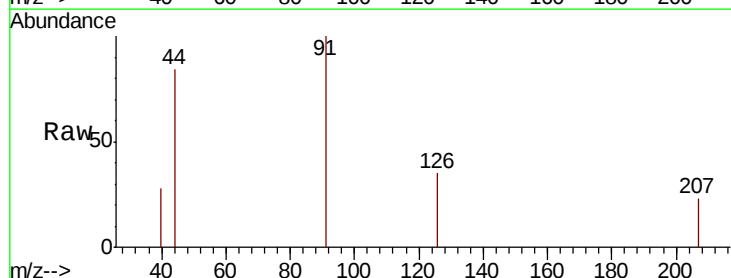
Acq: 4 Jun 2019 11:29

Tgt Ion: 91 Resp: 1235

Ion Ratio Lower Upper

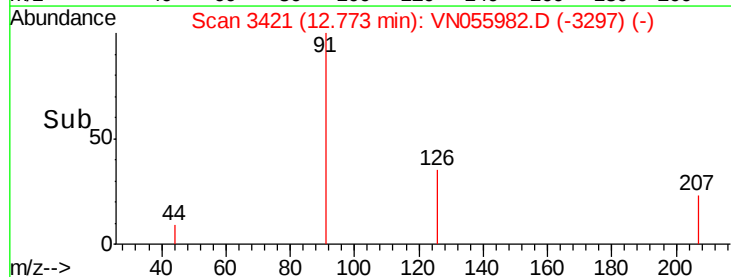
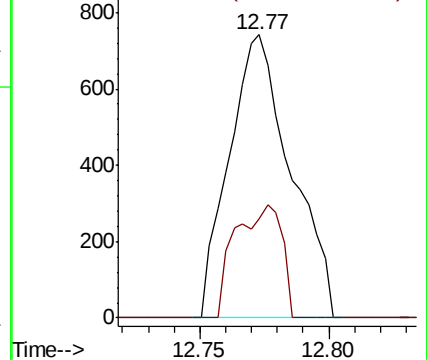
91 100

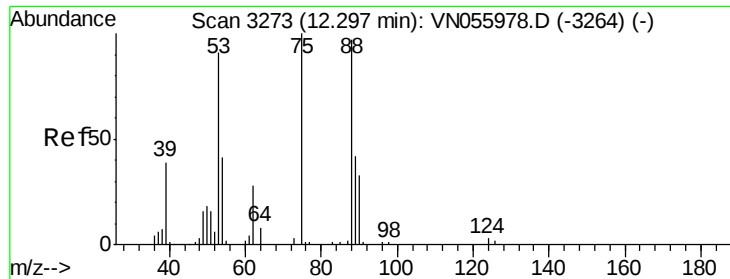
126 30.0 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 105.934 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

Instrument :

MSVOA_N

ClientSampled :

VN0604WBL01

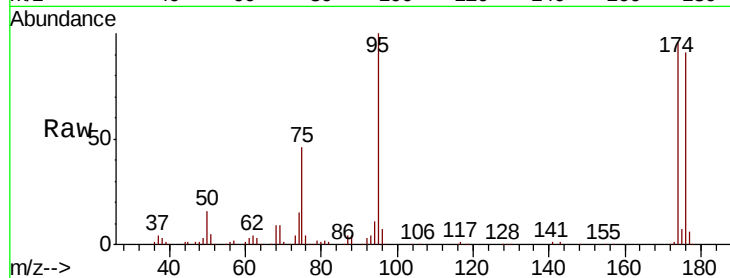
Tot Ion: 75 Resp: 82280

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

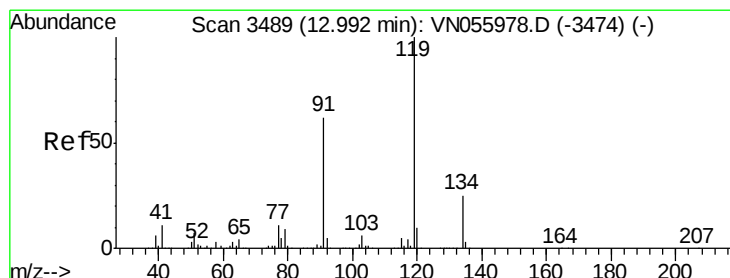
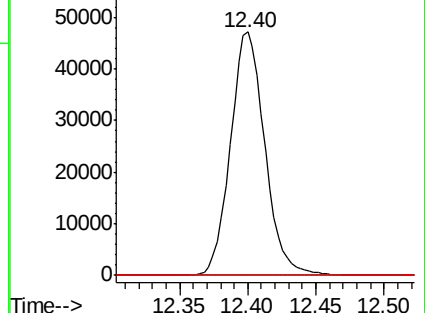
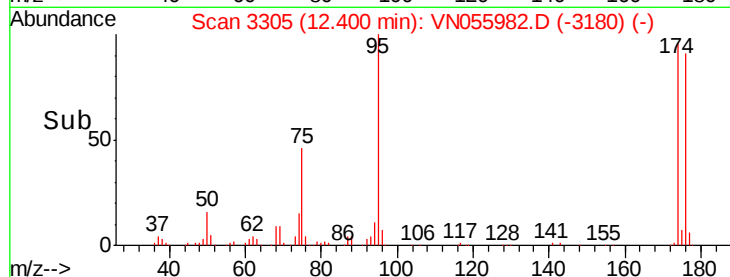
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055982.D (-3180) (-)

Ion 53.00 (52.70 to 53.70): VN055982.D (-3180) (-)

Ion 88.90 (88.60 to 89.60): VN055982.D (-3180) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

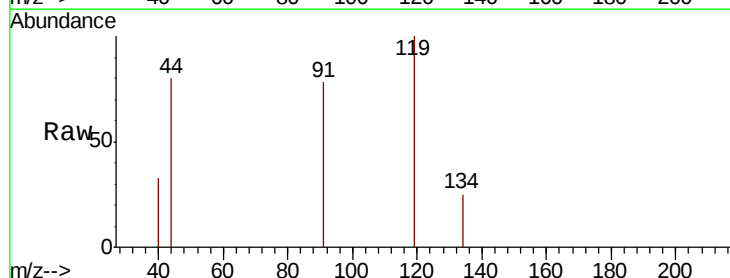
Tgt Ion: 119 Resp: 923

Ion Ratio Lower Upper

119 100

91 64.2 30.9 92.8

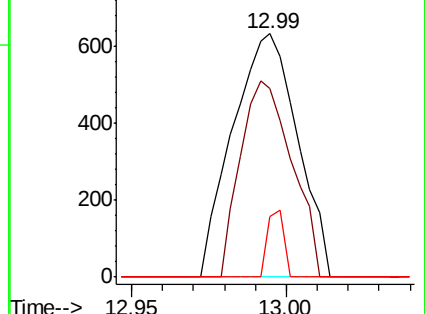
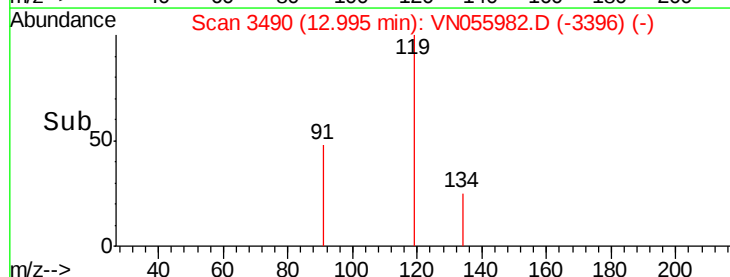
134 6.9 13.3 39.8#

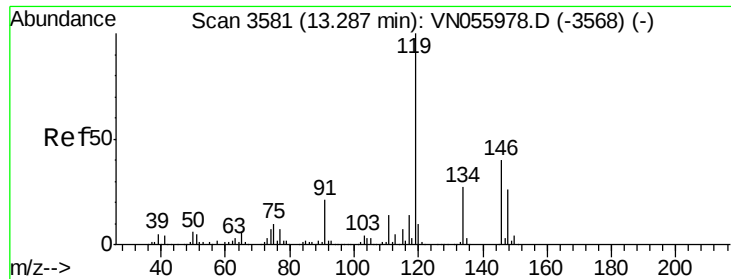


Abundance Ion 119.00 (118.70 to 119.70): VN055982.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN055982.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN055982.D (-3396) (-)

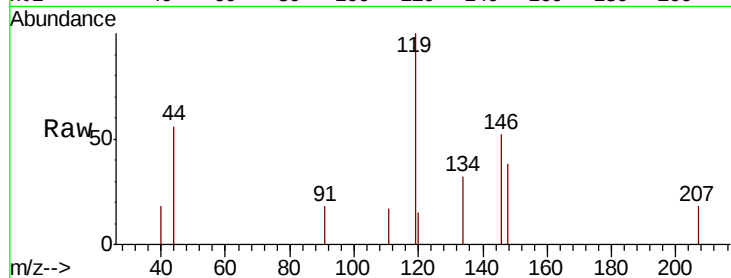




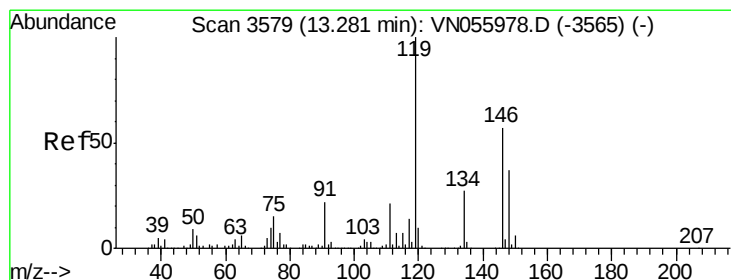
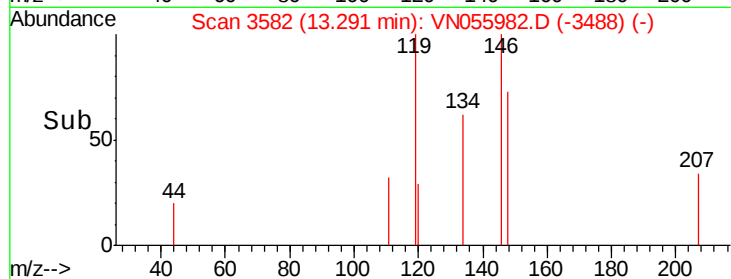
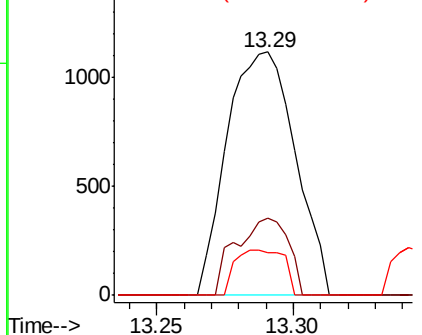
#86
p-Isopropyltoluene
Concen: 0.206 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN055982.D
Acq: 4 Jun 2019 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN0604WBL01

Tot Ion:119 Resp: 1940
Ion Ratio Lower Upper
119 100
134 24.4 13.4 40.1
91 13.2 10.9 32.9

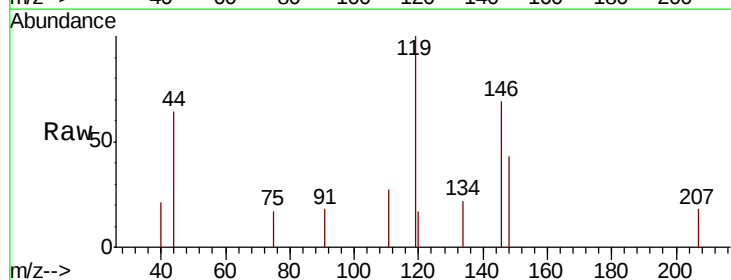


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

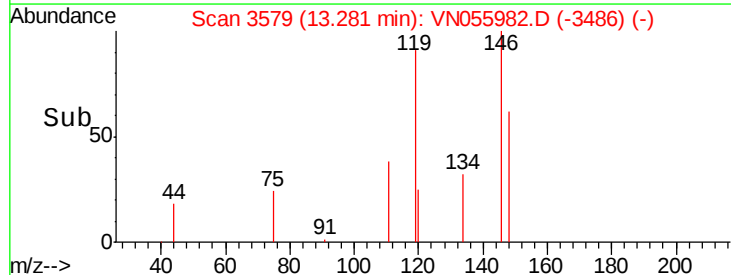
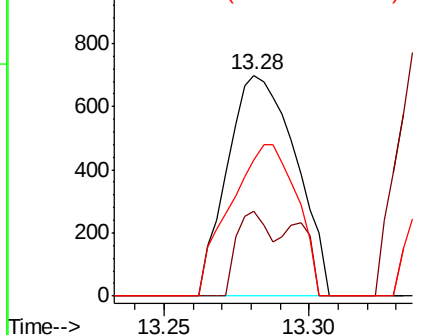


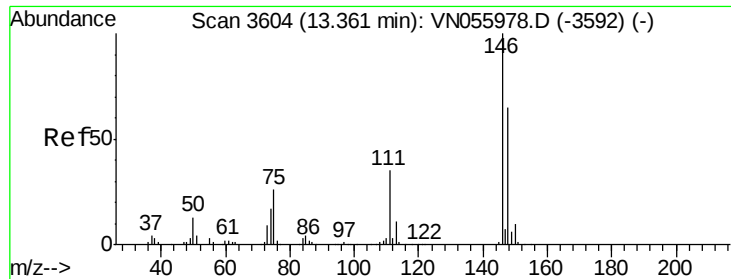
#87
1,3-Dichlorobenzene
Concen: 0.246 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. 0.00 min
Lab File: VN055982.D
Acq: 4 Jun 2019 11:29

Tgt Ion:146 Resp: 1145
Ion Ratio Lower Upper
146 100
111 18.6 18.5 55.5
148 66.8 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

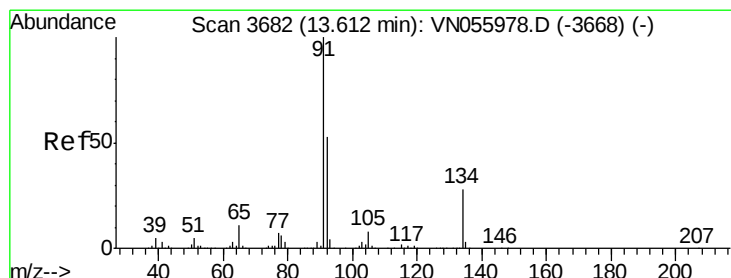
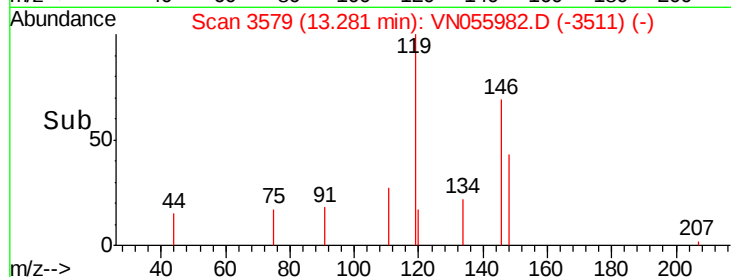
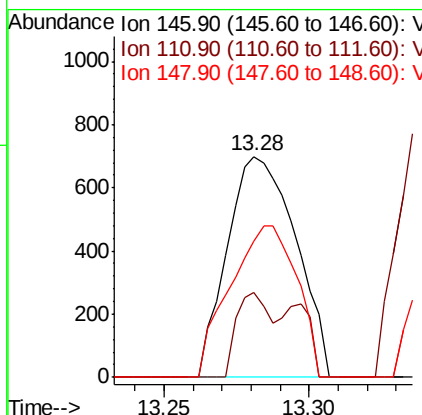
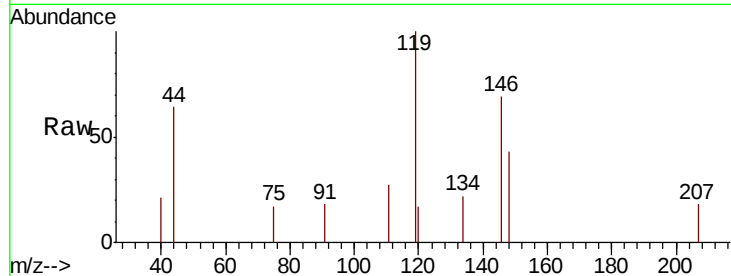




#88
 1,4-Dichlorobenzene
 Concen: 0.256 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN055982.D
 Acq: 4 Jun 2019 11:29

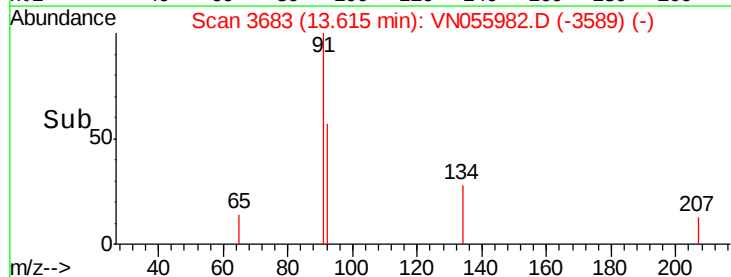
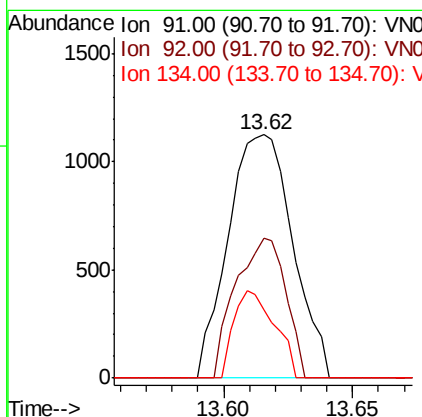
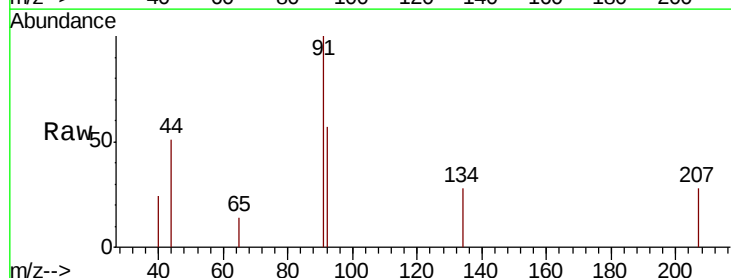
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBL01

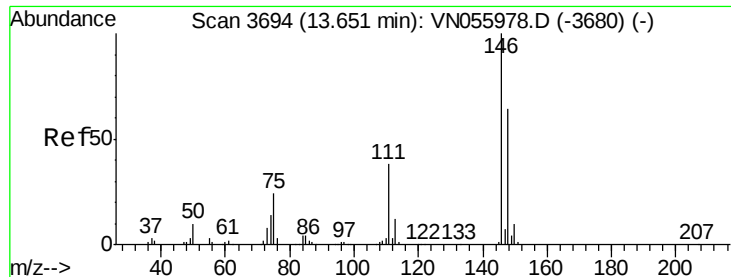
Tot Ion:146 Resp: 1145
 Ion Ratio Lower Upper
 146 100
 111 18.6 18.1 54.4
 148 66.8 32.1 96.5



#89
 n-Butylbenzene
 Concen: 0.281 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN055982.D
 Acq: 4 Jun 2019 11:29

Tgt Ion: 91 Resp: 1959
 Ion Ratio Lower Upper
 91 100
 92 44.8 26.4 79.0
 134 22.8 13.9 41.7





#91

1,2-Dichlorobenzene

Concen: 0.241 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBL01

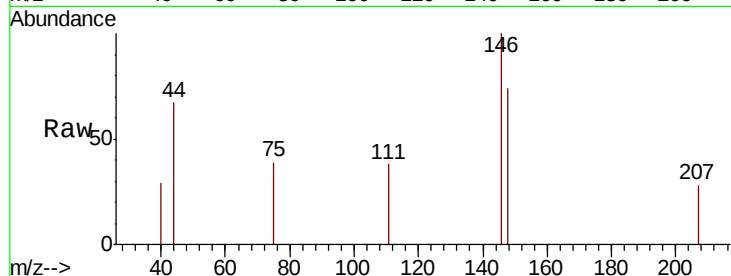
Tot Ion:146 Resp: 1133

Ion Ratio Lower Upper

146 100

111 30.8 19.1 57.5

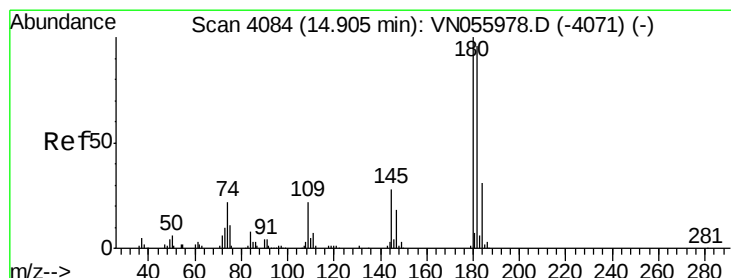
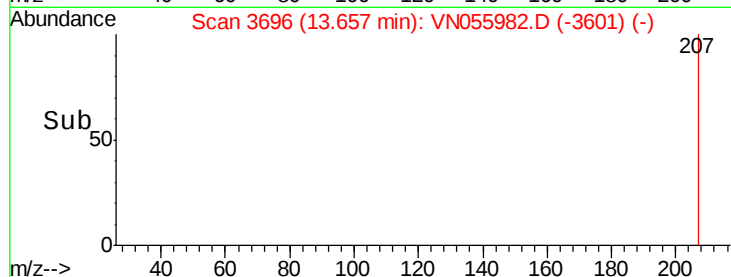
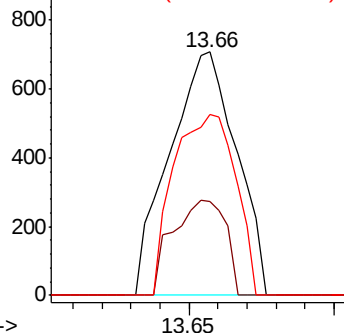
148 68.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 5.143 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.01 min

Lab File: VN055982.D

Acq: 4 Jun 2019 11:29

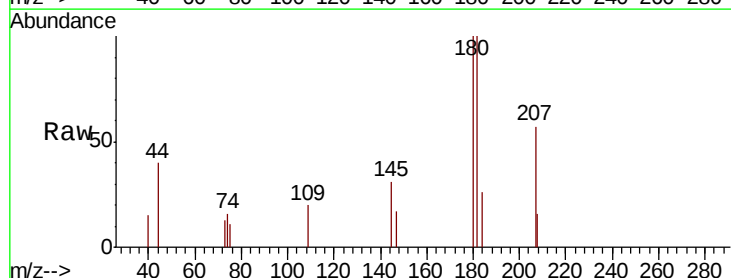
Tgt Ion:180 Resp: 2475

Ion Ratio Lower Upper

180 100

182 93.2 48.3 144.9

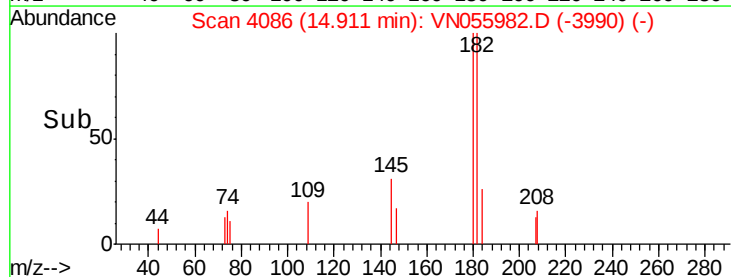
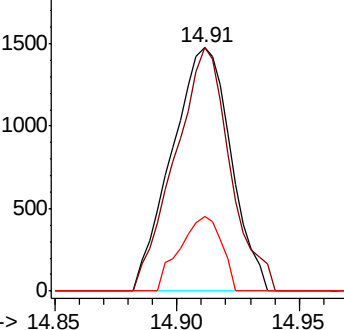
145 21.7 14.0 41.9

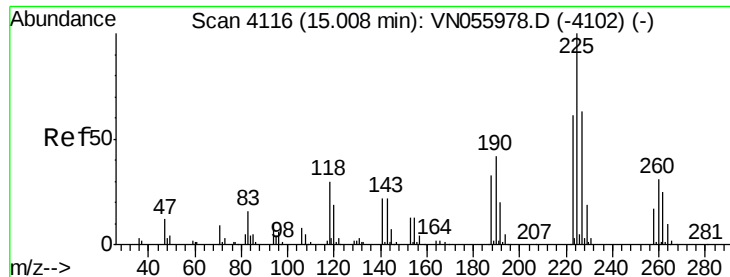


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

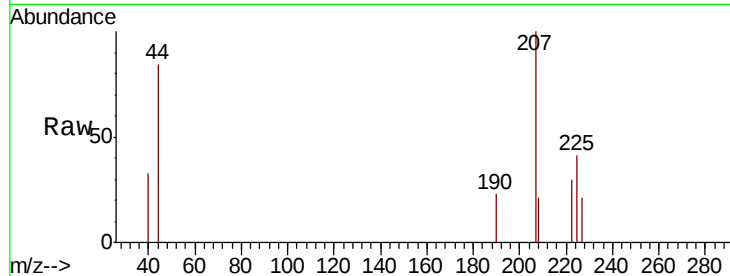




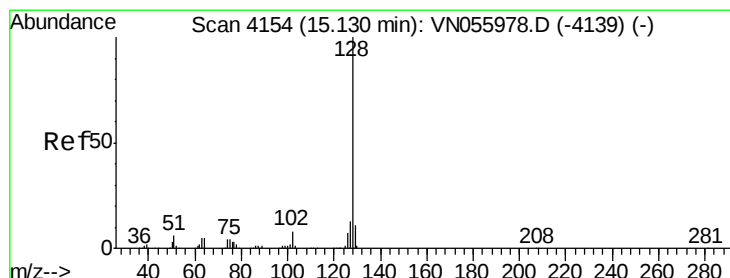
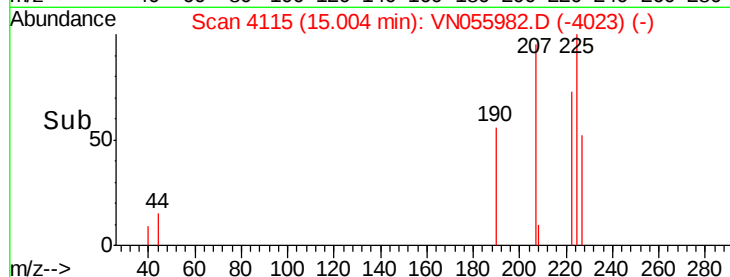
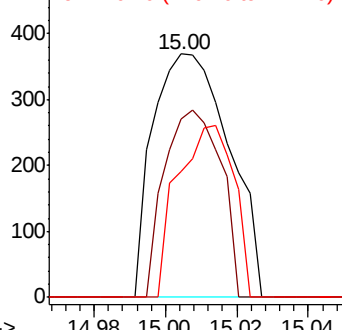
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.00 min Scan# 4115
Delta R.T. -0.00 min
Lab File: VN055982.D
Acq: 4 Jun 2019 11:29

Instrument :
MSVOA_N
ClientSampled :
VN0604WBL01

Tot Ion:225 Resp: 544
Ion Ratio Lower Upper
225 100
223 57.0 30.9 92.7
227 52.2 31.6 94.7

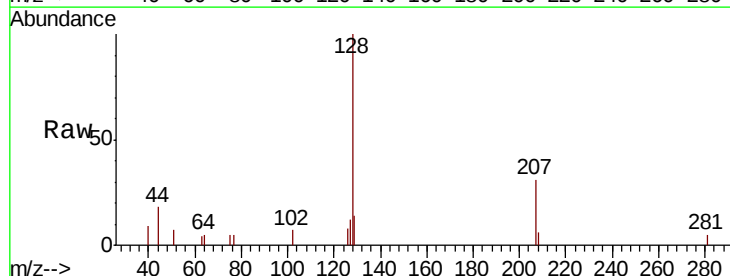


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

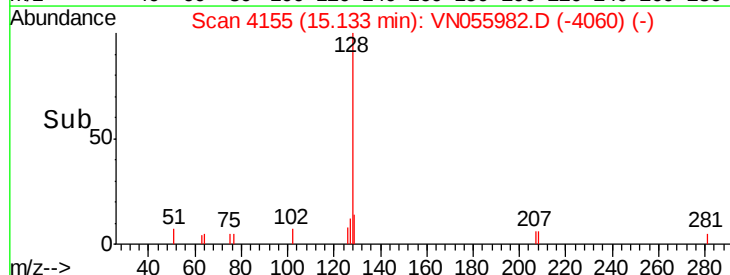
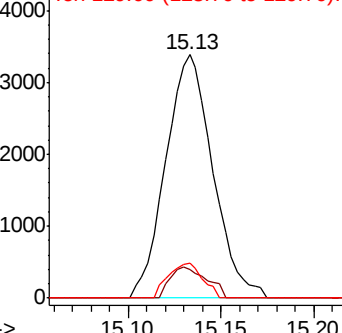


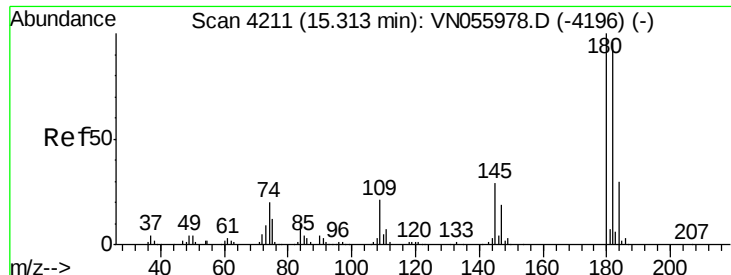
#95
Naphthalene
Concen: 4.670 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055982.D
Acq: 4 Jun 2019 11:29

Tgt Ion:128 Resp: 5962
Ion Ratio Lower Upper
128 100
127 9.8 10.3 15.5#
129 10.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.268 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055982.D
 Acq: 4 Jun 2019 11:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBL01

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	95.8	47.9	143.7	
145	24.6	14.9	44.7	

