

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059981.D
 Acq On : 3 Feb 2020 17:42
 Operator : JC/MD
 Sample : L1346-06 20X
 Misc : 8.14g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 04 04:00:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	323070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141416	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	117511	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
35) Dibromofluoromethane	7.57	113	97410	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
50) Toluene-d8	10.08	98	385567	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	139326	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	3397	Below Cal	#	88
18) Methyl Acetate	4.50	43	768	0.285	ug/l #	54
20) Methylene Chloride	4.52	84	1855	Below Cal		88
25) 2-Butanone	6.82	43	908	0.695	ug/l #	50
30) Chloroform	7.30	83	1091	0.297	ug/l #	17
31) Cyclohexane	7.63	56	12127	3.554	ug/l #	65
36) 1,1-Dichloropropene	7.64	75	14471	5.144	ug/l #	51
37) Ethyl Acetate	6.82	43	908	0.344	ug/l #	69
38) Carbon Tetrachloride	7.64	117	19694	6.435	ug/l #	16
39) Methylcyclohexane	9.07	83	20199	5.823	ug/l	94
43) Isopropyl Acetate	8.13	43	2103	0.463	ug/l #	56
47) Bromodichloromethane	9.37	83	1714	0.581	ug/l #	25
48) Methyl methacrylate	9.13	41	2123	1.046	ug/l #	34
51) 4-Methyl-2-Pentanone	9.97	43	1035	0.394	ug/l #	38
55) 1,1,2-Trichloroethane	10.52	97	4557	2.171	ug/l #	18
59) 2-Hexanone	10.71	43	4023	2.081	ug/l #	28
67) Ethyl Benzene	11.51	91	64958	6.194	ug/l	97
68) m/p-Xylenes	11.62	106	74992	18.931	ug/l	97
69) o-Xylene	11.94	106	2414	0.622	ug/l	98
73) Isopropylbenzene	12.25	105	10141	0.978	ug/l	97
74) N-amyl acetate	12.04	43	2638	0.655	ug/l #	55
76) 1,2,3-Trichloropropane	12.40	75	71973	30.242	ug/l #	100
78) n-propylbenzene	12.59	91	48259	4.146	ug/l	97
79) 2-Chlorotoluene	12.65	91	10176	1.469	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	58828	6.745	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	71973	64.945	ug/l #	11
82) 4-Chlorotoluene	12.73	91	5706	0.821	ug/l #	42
83) tert-Butylbenzene	13.04	119	21966	2.912	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.04	105	179482	20.800	ug/l	98
85) sec-Butylbenzene	13.04	105	179482	18.109	ug/l #	57
86) p-Isopropyltoluene	13.29	119	2226	0.243	ug/l	92
89) n-Butylbenzene	13.58	91	5992	0.766	ug/l #	1
90) Hexachloroethane	13.89	117	4945	2.882	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.25	75	548	Below Cal	#	6

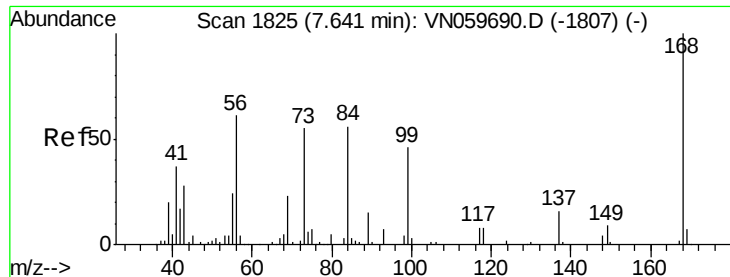
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
Data File : VN059981.D
Acq On : 3 Feb 2020 17:42
Operator : JC/MD
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	43416	5.632	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

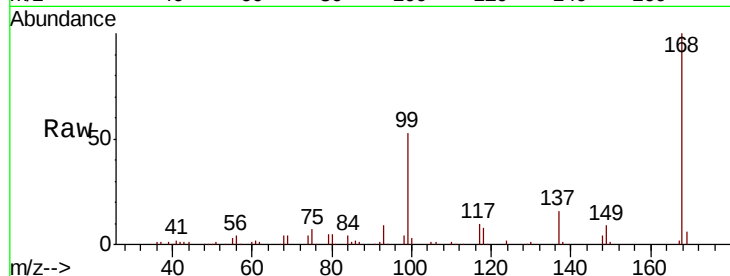
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 207644

Ion Ratio Lower Upper

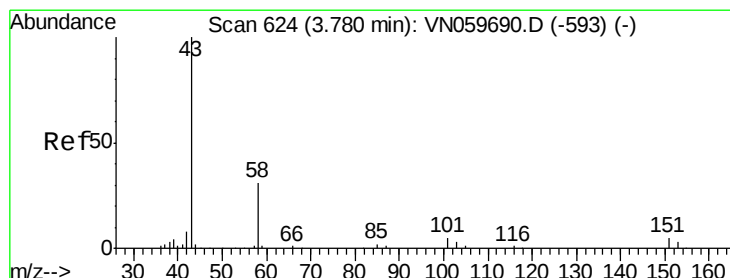
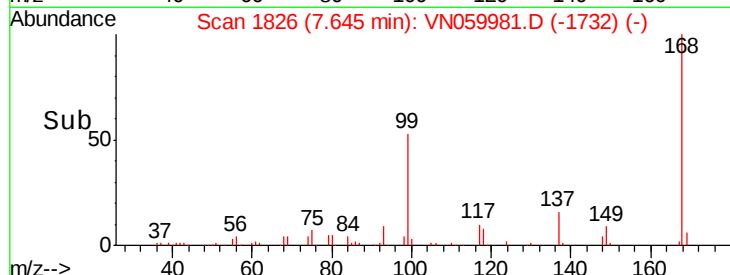
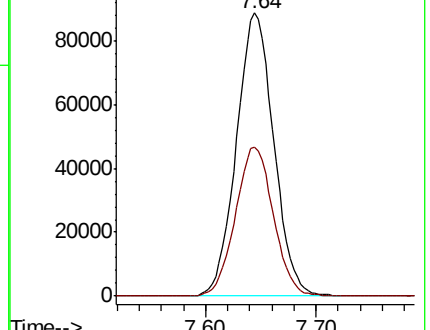
168 100

99 52.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059690.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059690.D (-1807) (-)



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN059981.D

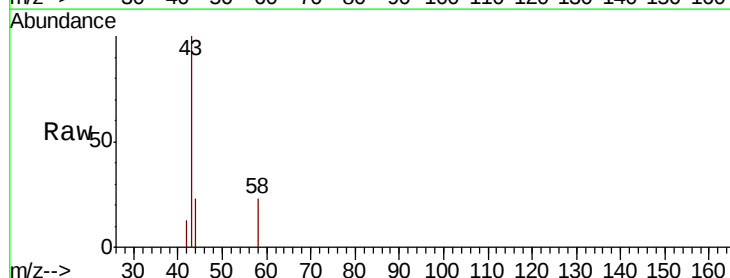
Acq: 3 Feb 2020 17:42

Tgt Ion: 43 Resp: 3397

Ion Ratio Lower Upper

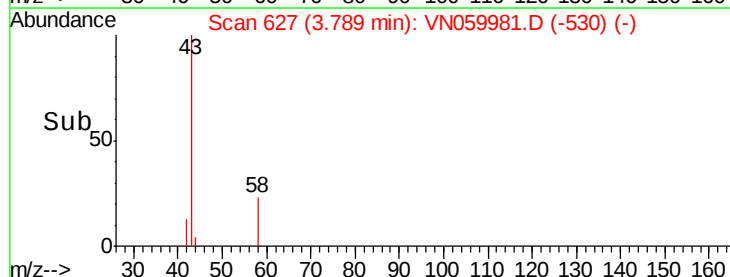
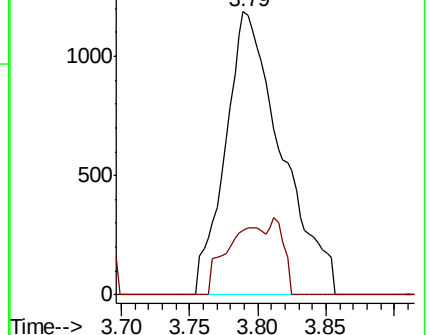
43 100

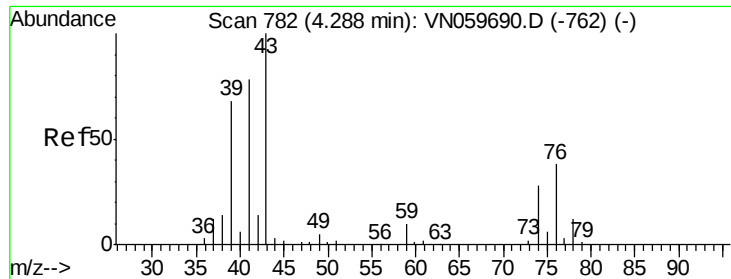
58 22.8 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-593) (-)

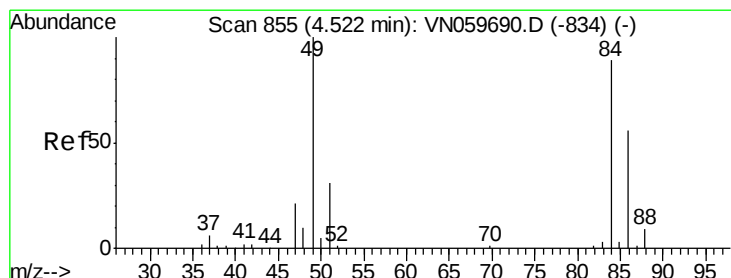
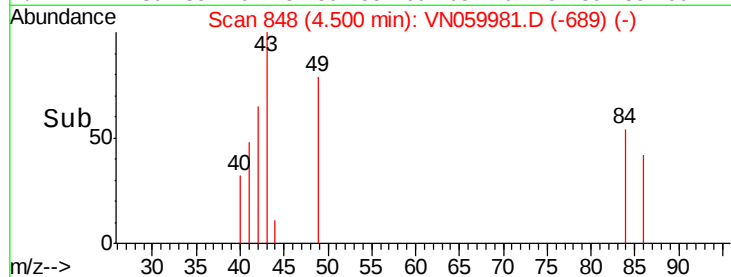
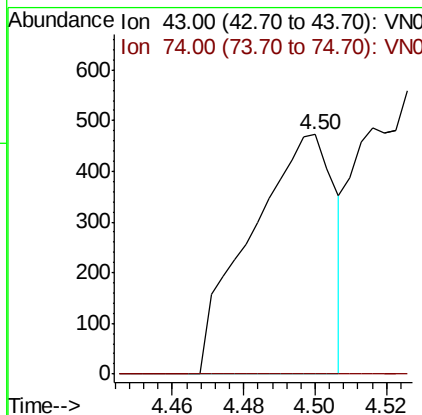
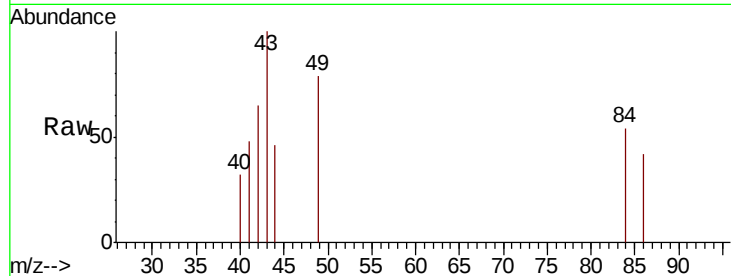




#18
Methyl Acetate
Concen: 0.285 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.21 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

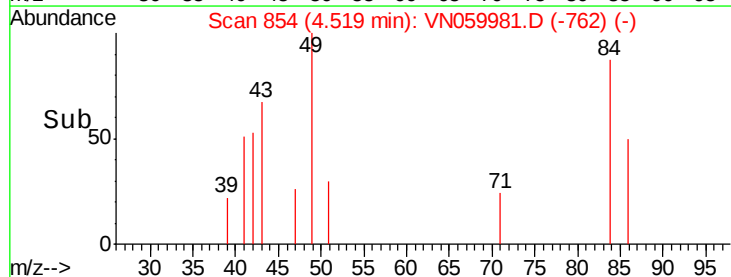
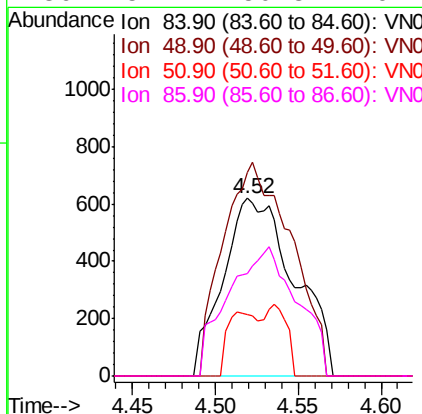
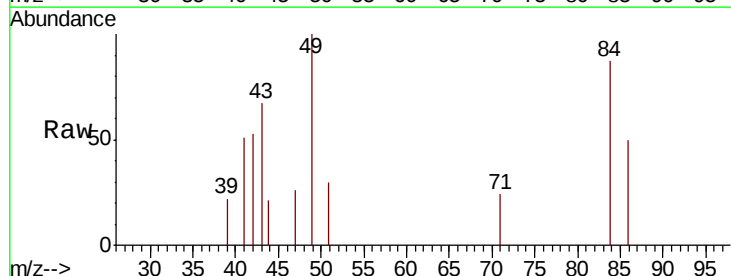
Instrument :
MSVOA_N
ClientSampled :

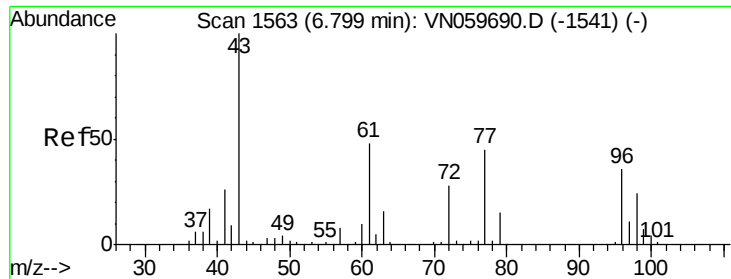
Tot Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

Tgt Ion: 84 Resp: 1855
Ion Ratio Lower Upper
84 100
49 114.4 106.6 160.0
51 34.7 31.9 47.9
86 57.7 50.8 76.2





#25

2-Butanone

Concen: 0.695 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.02 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

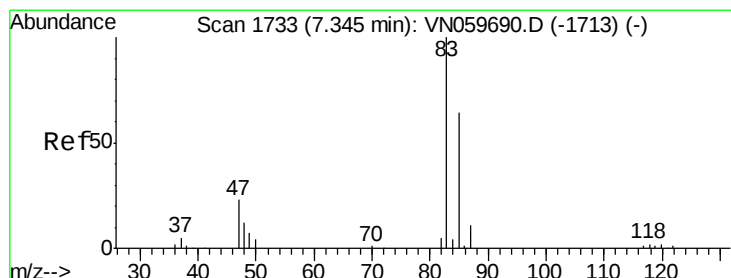
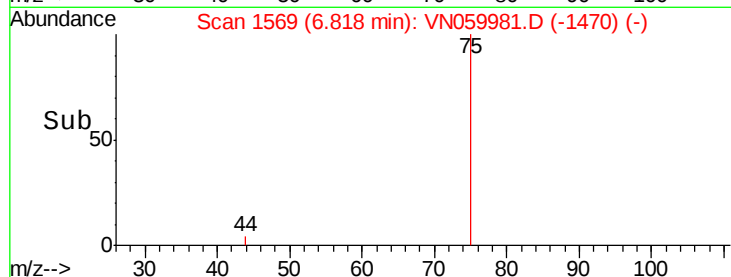
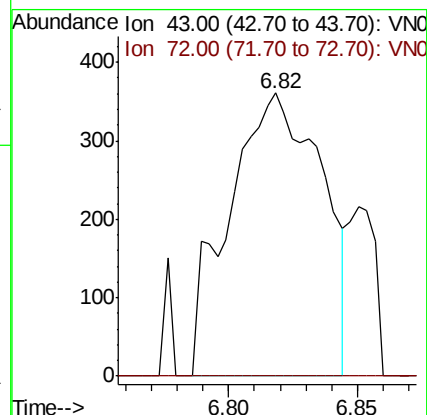
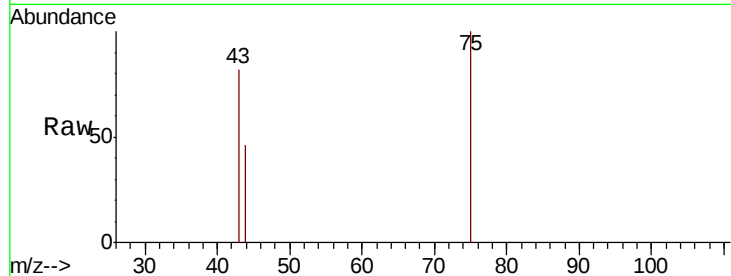
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 908

Ion Ratio Lower Upper

43 100

72 0.0 19.9 29.9#



#30

Chloroform

Concen: 0.297 ug/l

RT: 7.30 min Scan# 1719

Delta R.T. -0.04 min

Lab File: VN059981.D

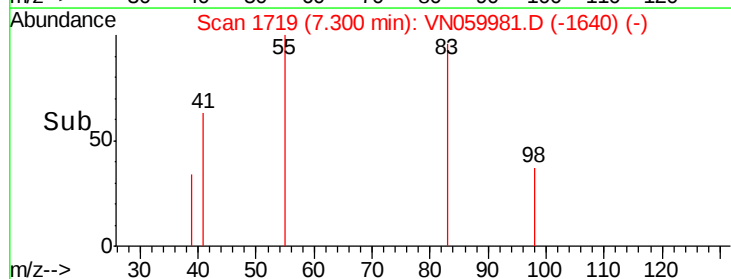
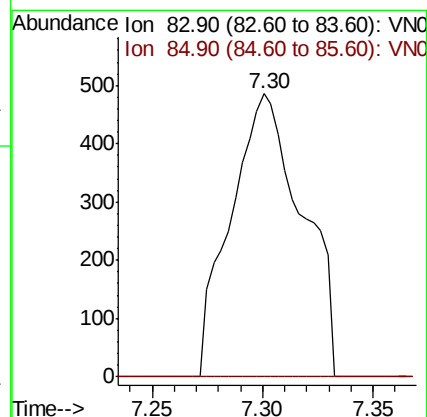
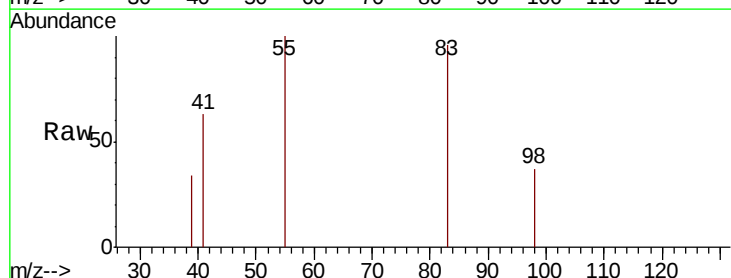
Acq: 3 Feb 2020 17:42

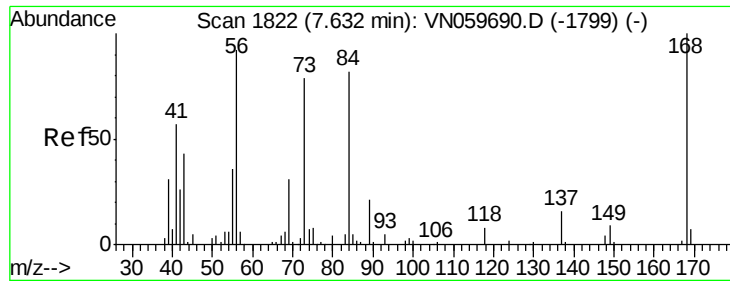
Tgt Ion: 83 Resp: 1091

Ion Ratio Lower Upper

83 100

85 0.0 52.4 78.6#

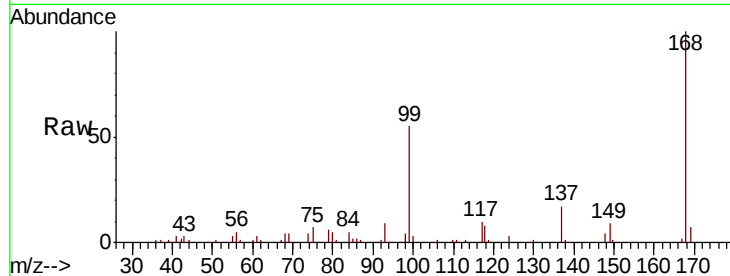




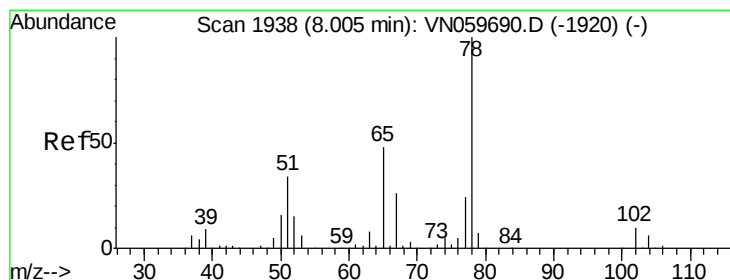
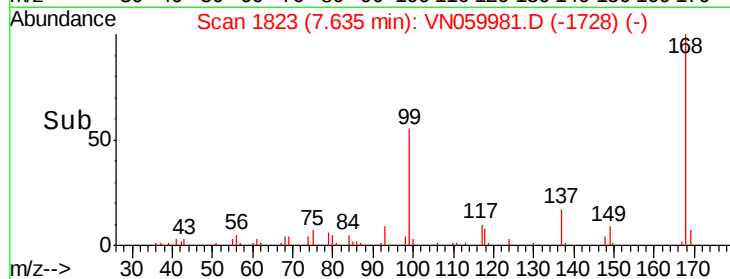
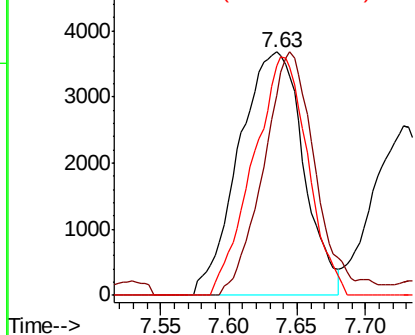
#31
Cyclohexane
Concen: 3.554 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 12127
Ion Ratio Lower Upper
56 100
69 82.2 26.5 39.7#
84 94.5 65.3 97.9

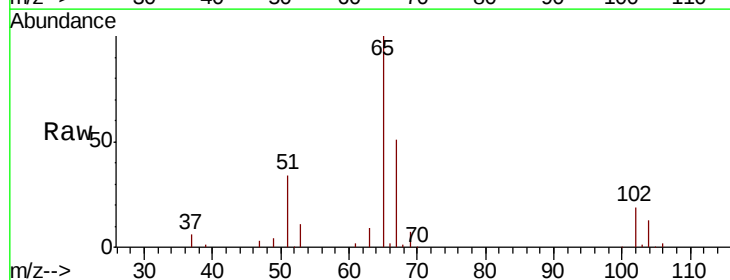


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

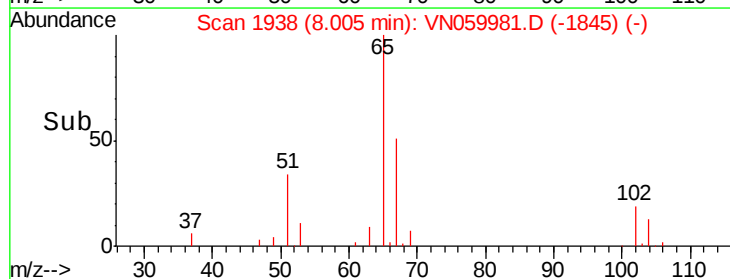
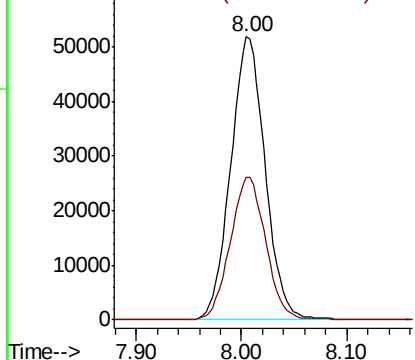


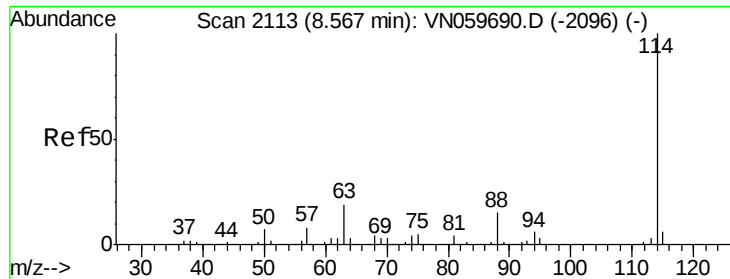
#33
1,2-Dichloroethane-d4
Concen: 50.960 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

Tgt Ion: 65 Resp: 117511
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0



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: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

Instrument :

MSVOA_N

ClientSampleId :

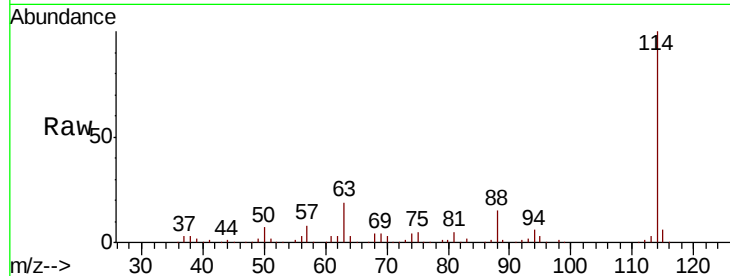
Tot Ion:114 Resp: 323070

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.6

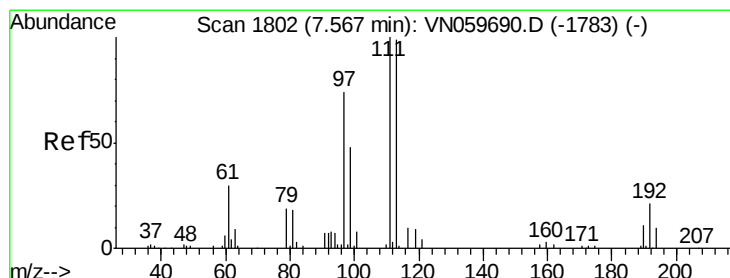
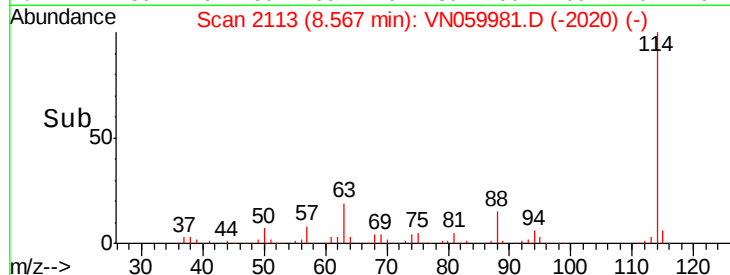
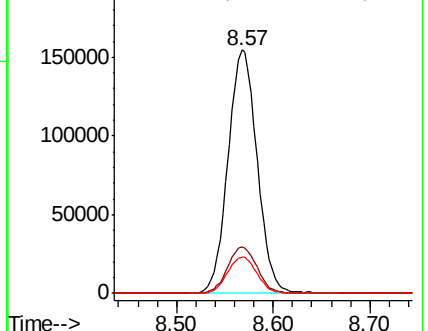
88 15.1 0.0 31.4



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: 50.560 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

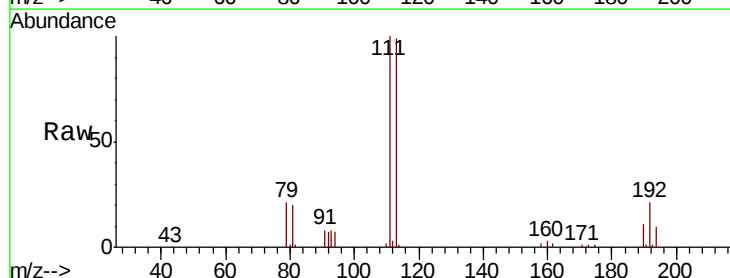
Tgt Ion:113 Resp: 97410

Ion Ratio Lower Upper

113 100

111 102.1 83.5 125.3

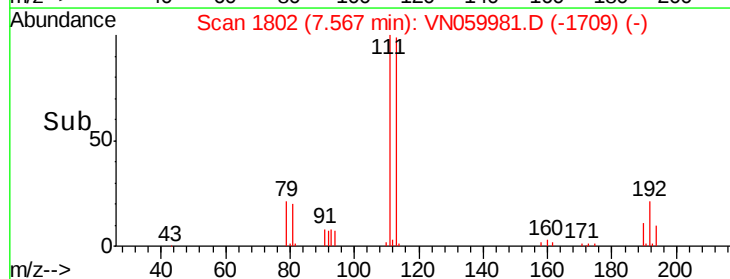
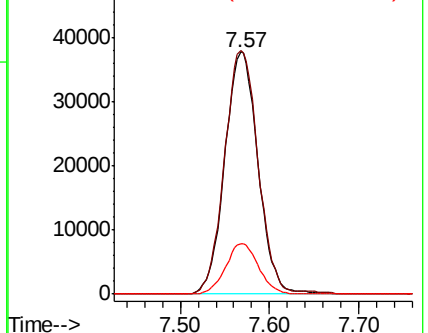
192 20.6 15.4 23.2

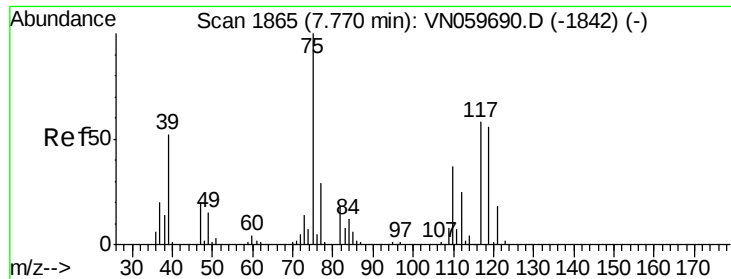


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

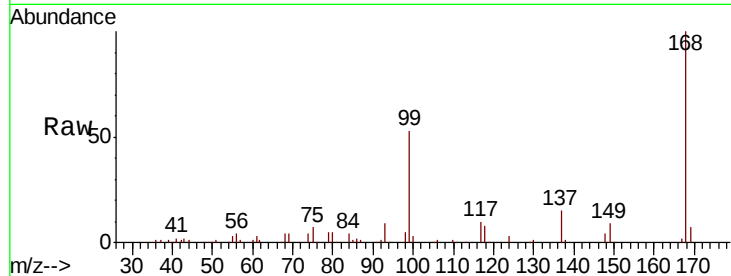




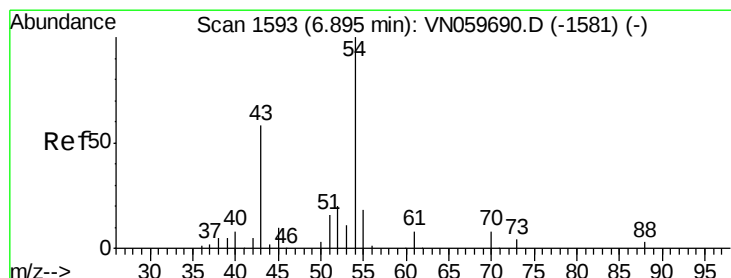
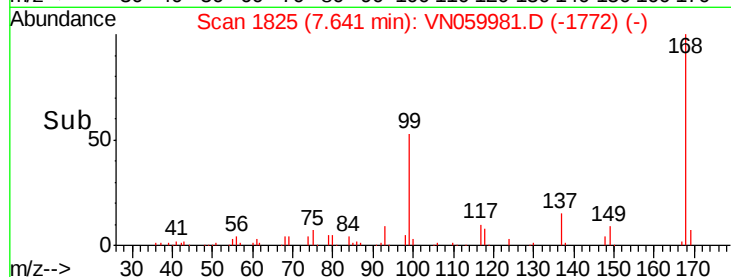
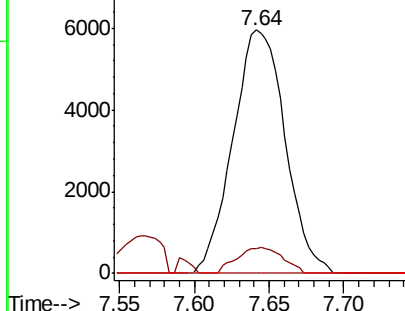
#36
 1,1-Dichloropropene
 Concen: 5.144 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059981.D
 Acq: 3 Feb 2020 17:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 14471
 Ion Ratio Lower Upper
 75 100
 110 9.3 16.6 49.7#
 77 0.0 25.1 37.7#

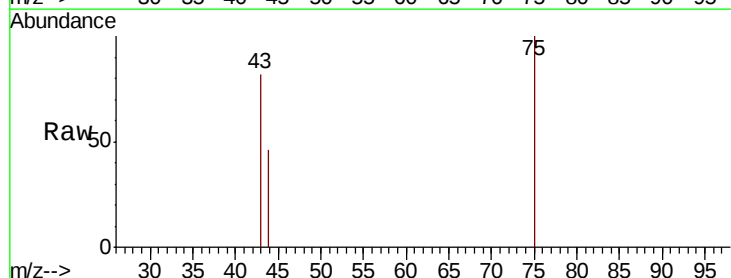


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN
 Ion 76.90 (76.60 to 77.60): VN

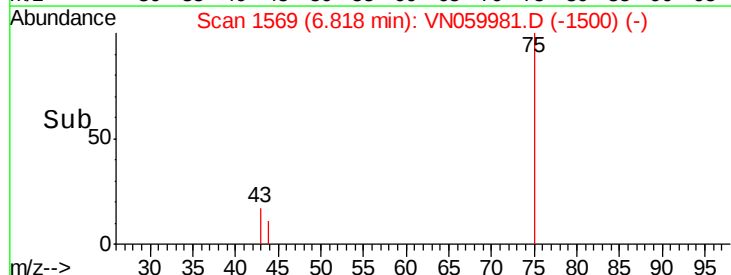
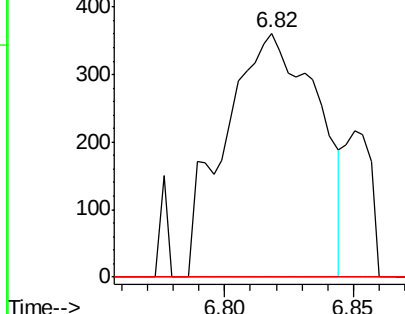


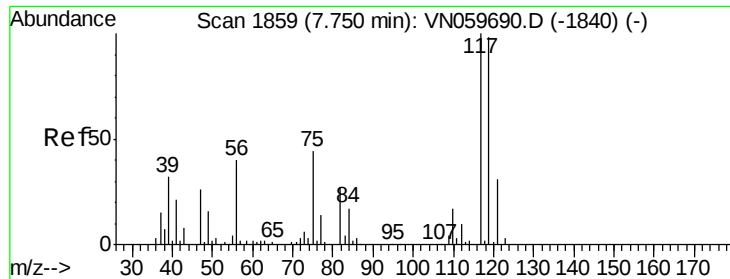
#37
 Ethyl Acetate
 Concen: 0.344 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.08 min
 Lab File: VN059981.D
 Acq: 3 Feb 2020 17:42

Tgt Ion: 43 Resp: 908
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.9 16.3#
 70 0.0 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.435 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

Instrument :

MSVOA_N

ClientSampleId :

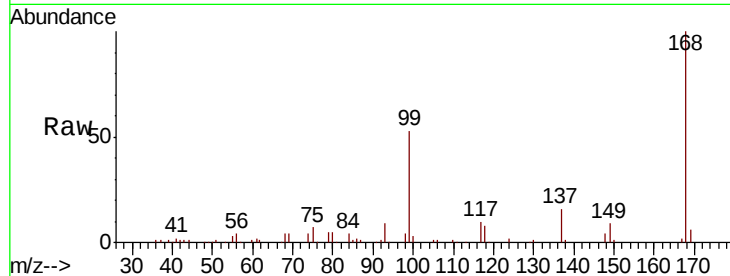
Tot Ion:117 Resp: 19694

Ion Ratio Lower Upper

117 100

119 4.6 76.5 114.7#

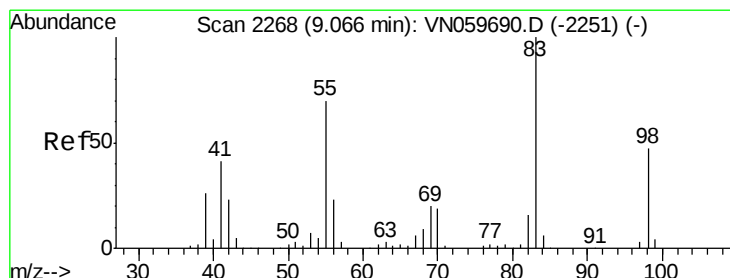
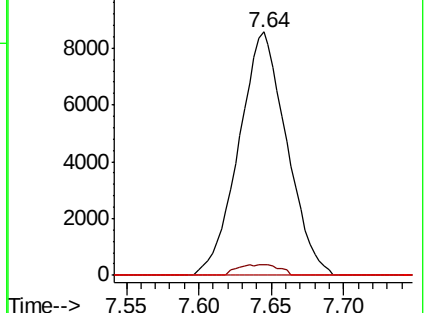
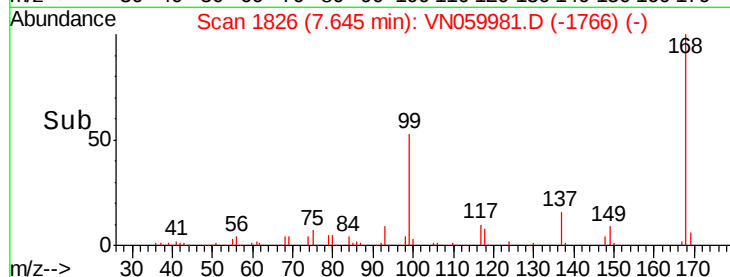
121 0.0 25.1 37.7#



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



#39

Methylcyclohexane

Concen: 5.823 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

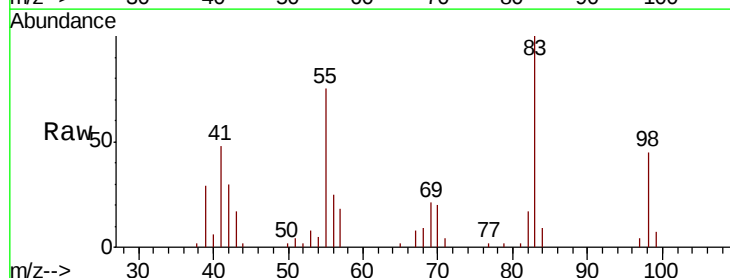
Tgt Ion: 83 Resp: 20199

Ion Ratio Lower Upper

83 100

55 72.7 64.2 96.2

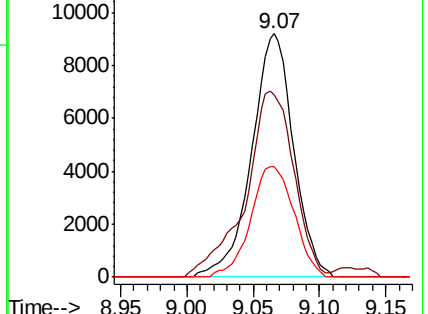
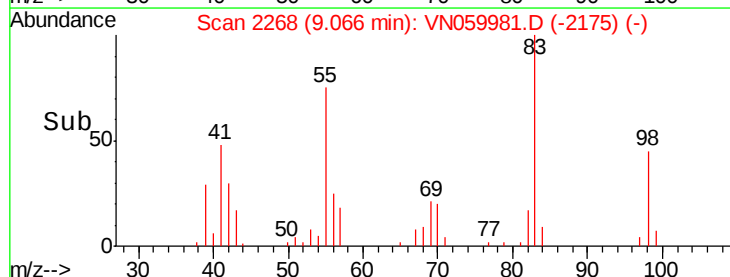
98 45.1 35.9 53.9

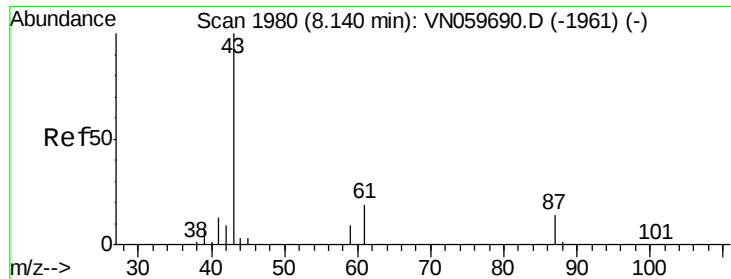


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#43

Isopropyl Acetate

Concen: 0.463 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. -0.01 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

Instrument :

MSVOA_N

ClientSampled :

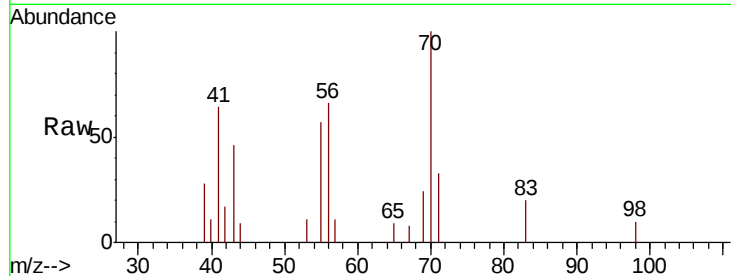
Tot Ion: 43 Resp: 2103

Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

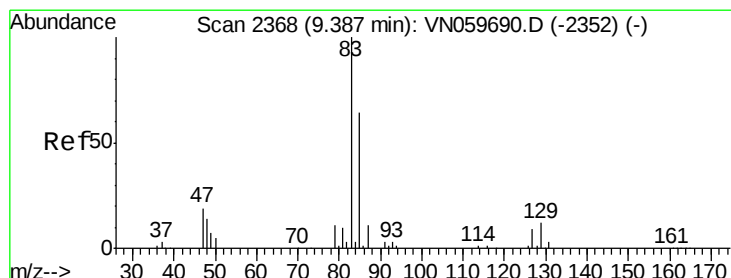
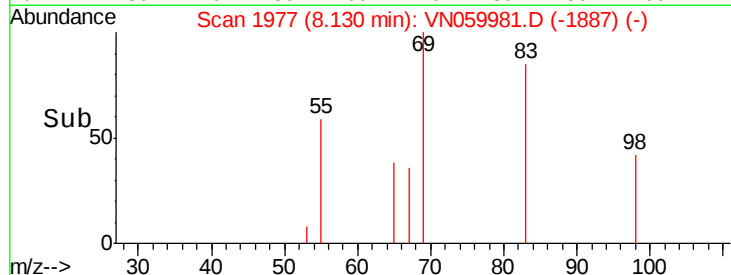
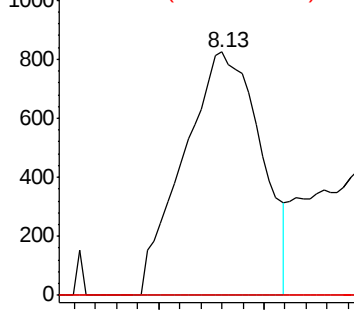
87 0.0 9.5 14.3#



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



#47

Bromodichloromethane

Concen: 0.581 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.02 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

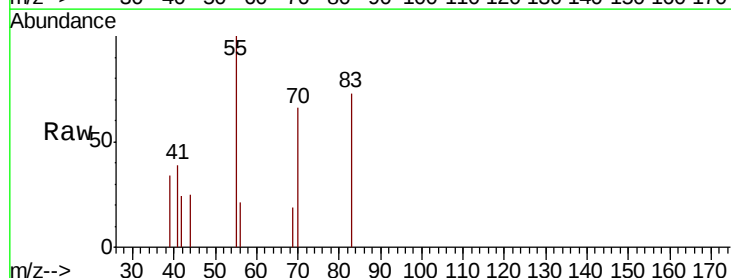
Tgt Ion: 83 Resp: 1714

Ion Ratio Lower Upper

83 100

85 0.0 51.1 76.7#

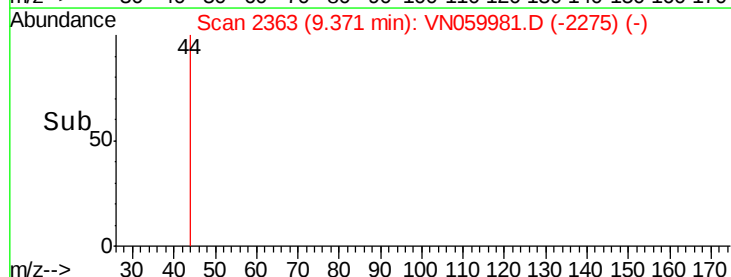
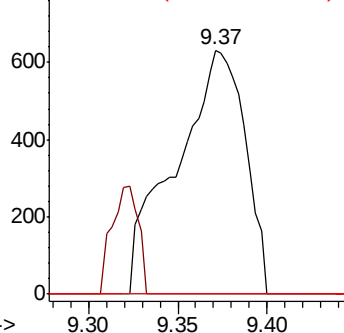
127 0.0 6.6 9.8#

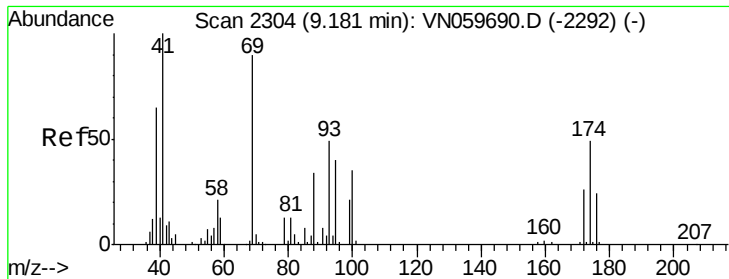


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

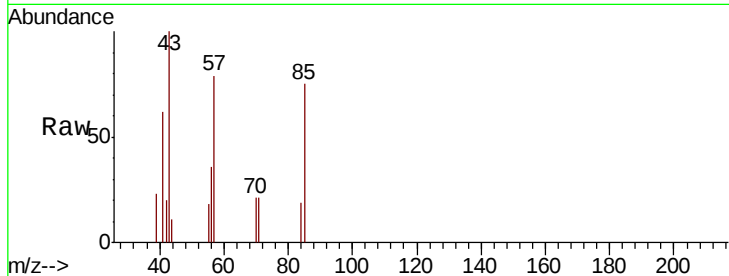




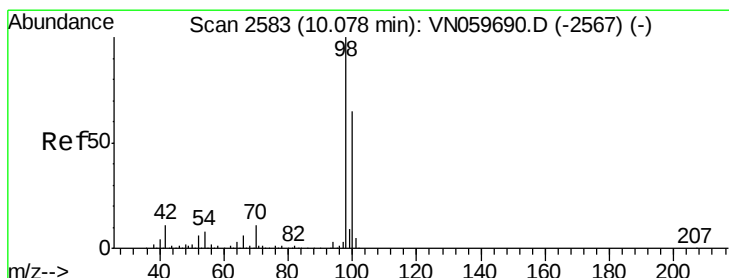
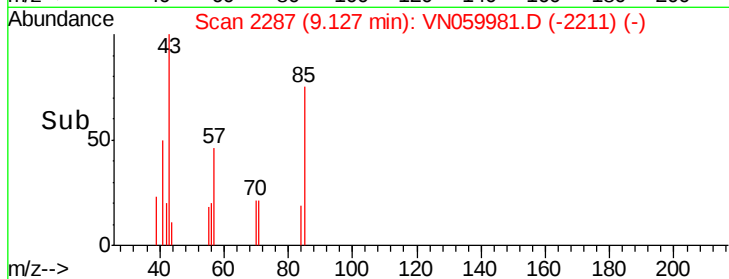
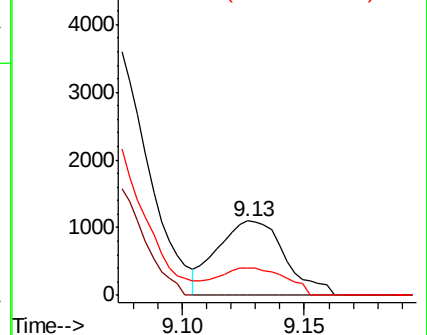
#48
Methvl methacrylate
Concen: 1.046 ug/l
RT: 9.13 min Scan# 2287
Delta R.T. -0.05 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 2123
Ion Ratio Lower Upper
41 100
69 0.0 64.4 96.6#
39 36.4 51.3 76.9#

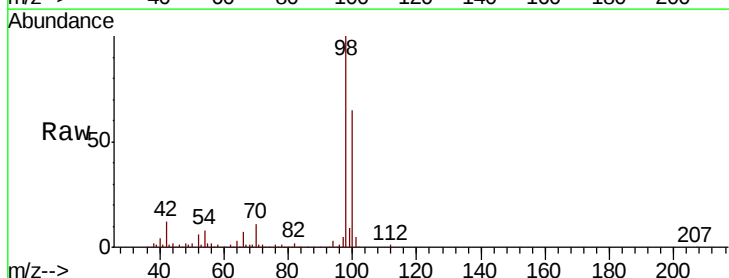


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

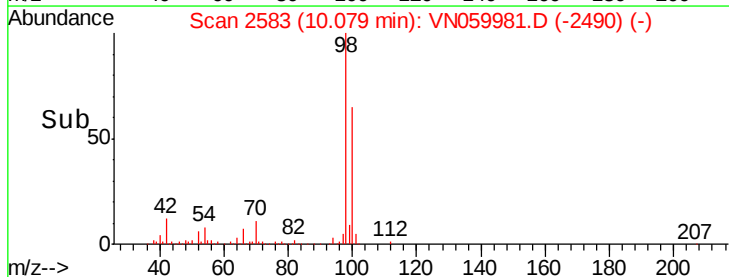
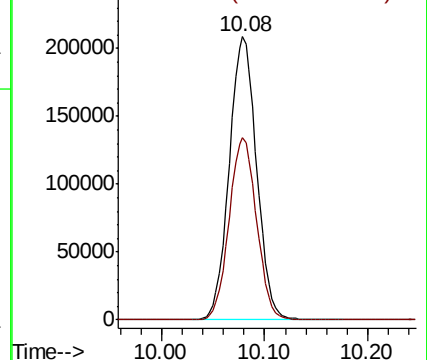


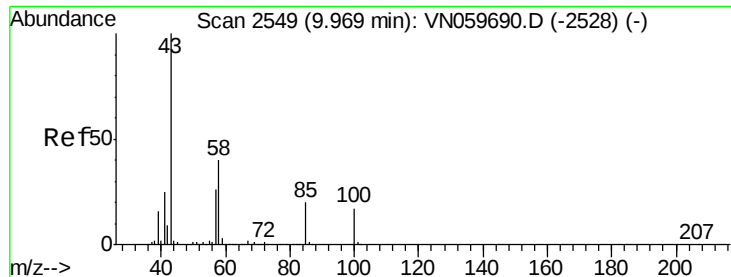
#50
Toluene-d8
Concen: 51.652 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

Tgt Ion: 98 Resp: 385567
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.394 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

Instrument :

MSVOA_N

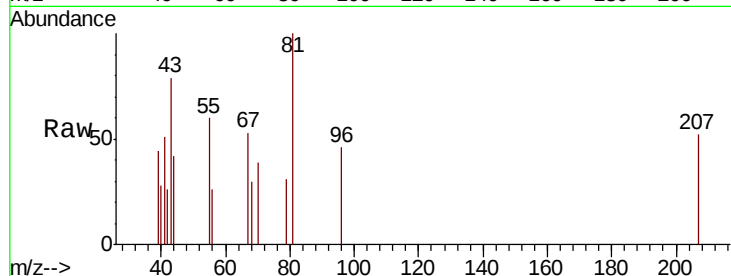
ClientSampled :

Tot Ion: 43 Resp: 1035

Ion Ratio Lower Upper

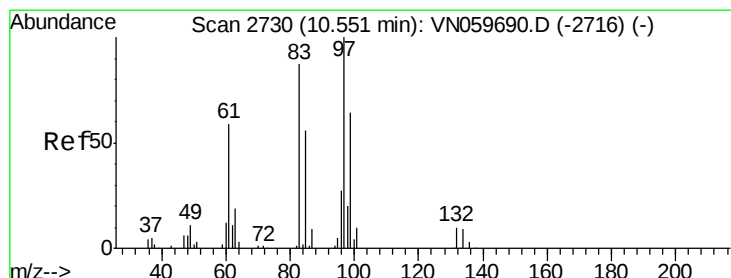
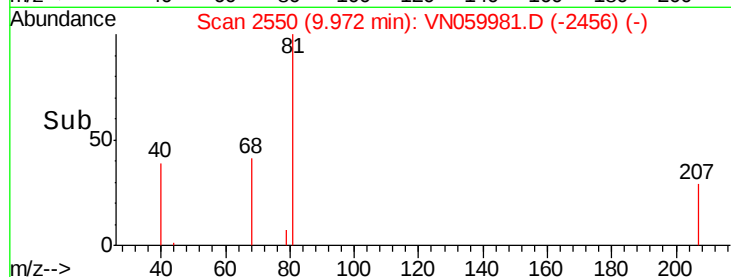
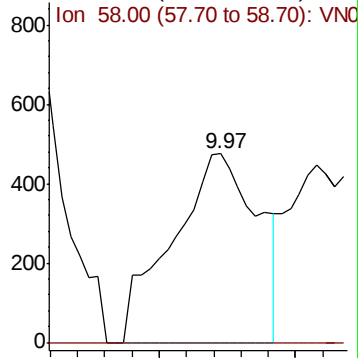
43 100

58 0.0 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#55

1,1,2-Trichloroethane

Concen: 2.171 ug/l

RT: 10.52 min Scan# 2720

Delta R.T. -0.03 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

Tgt Ion: 97 Resp: 4557

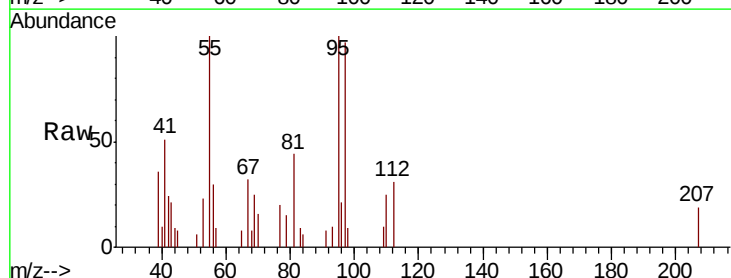
Ion Ratio Lower Upper

97 100

83 9.2 71.3 106.9#

85 0.0 45.8 68.8#

99 0.0 50.0 75.0#

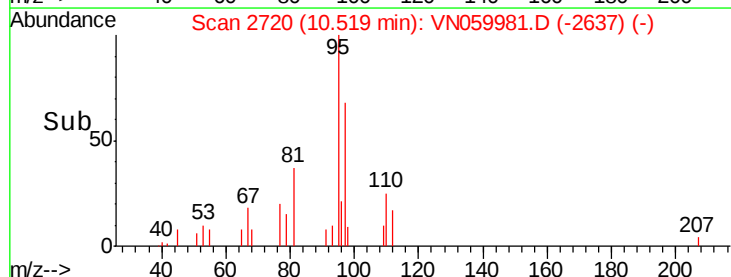
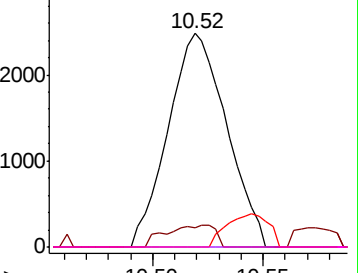


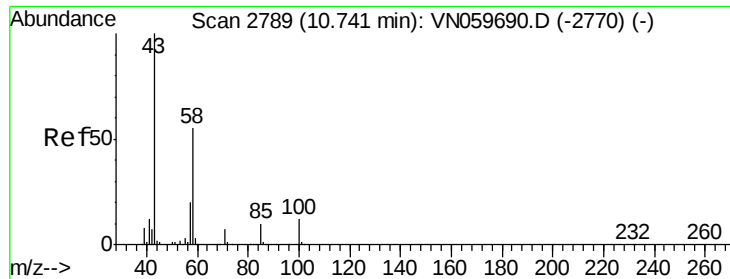
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

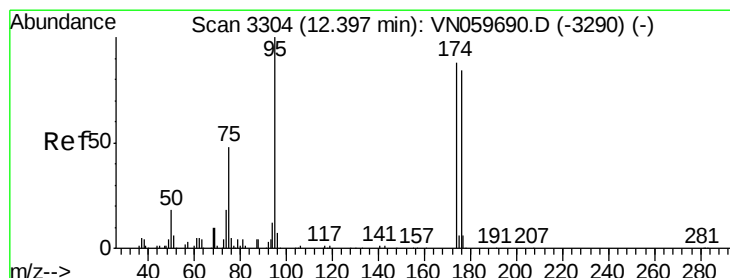
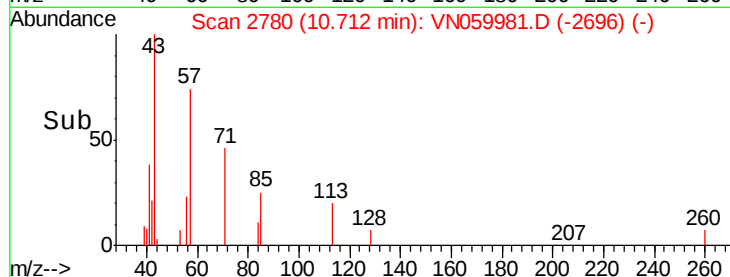
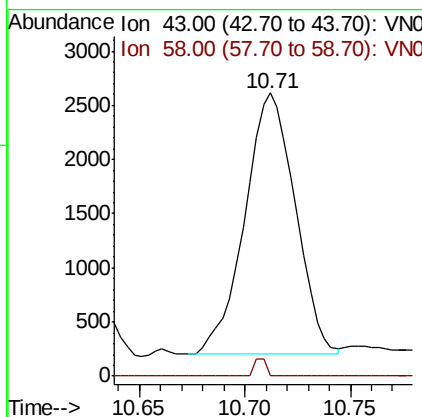
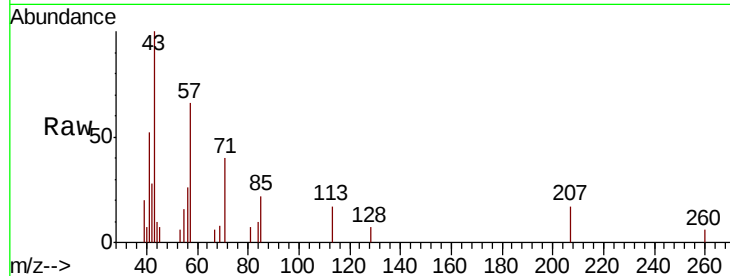




#59
2-Hexanone
Concen: 2.081 ug/l
RT: 10.71 min Scan# 2780
Delta R.T. -0.03 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

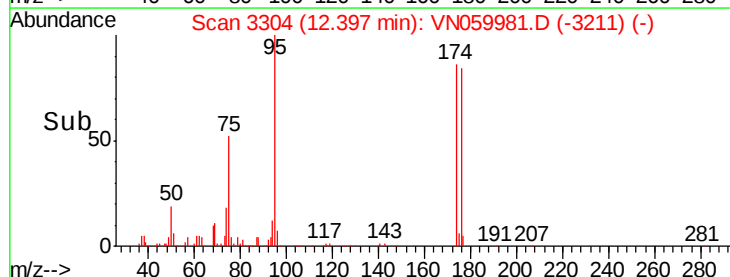
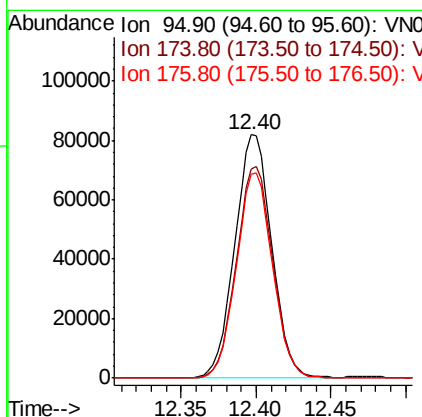
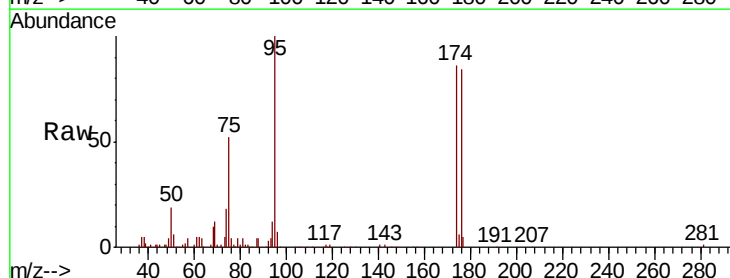
Instrument :
MSVOA_N
ClientSampled :

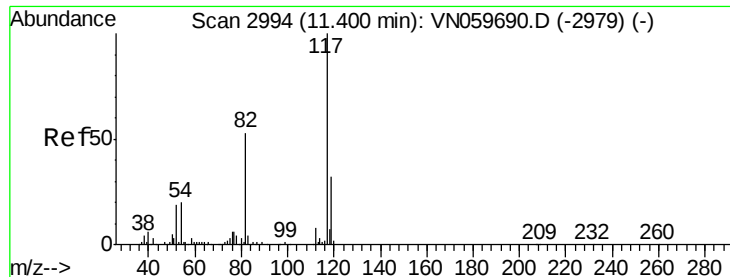
Tot Ion: 43 Resp: 4023
Ion Ratio Lower Upper
43 100
58 1.5 25.8 77.3#



#62
4-Bromofluorobenzene
Concen: 51.775 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

Tgt Ion: 95 Resp: 139326
Ion Ratio Lower Upper
95 100
174 86.7 0.0 151.4
176 83.6 0.0 146.0

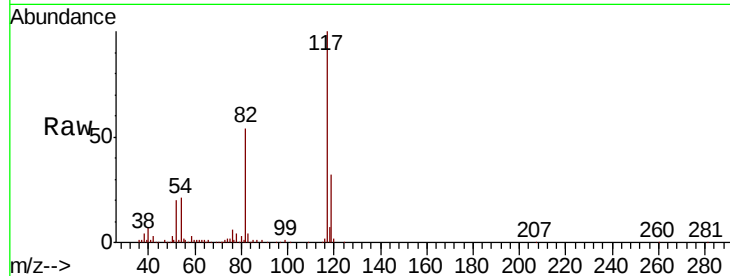




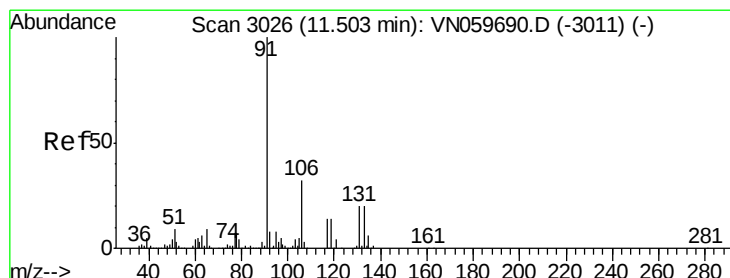
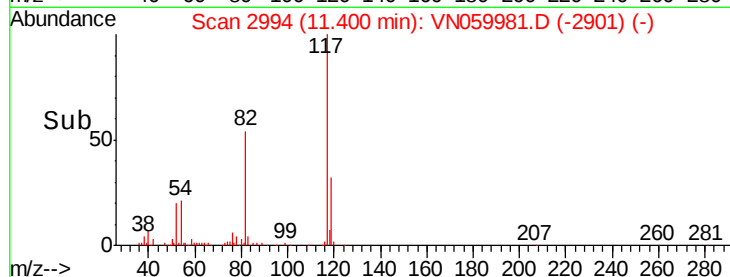
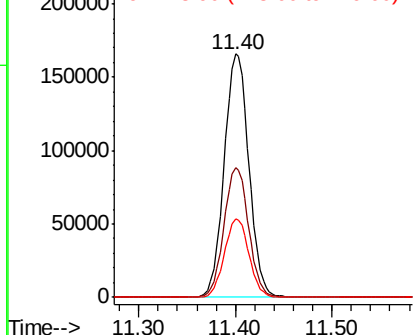
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 293912
Ion Ratio Lower Upper
117 100
82 53.4 45.9 68.9
119 32.2 25.5 38.3

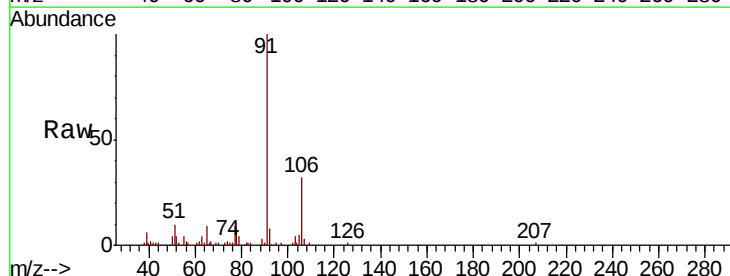


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

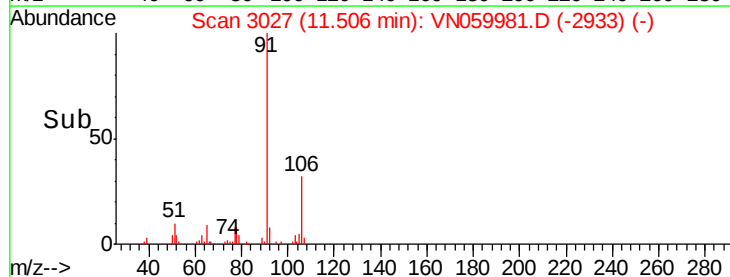
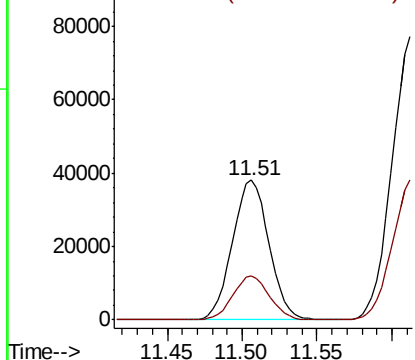


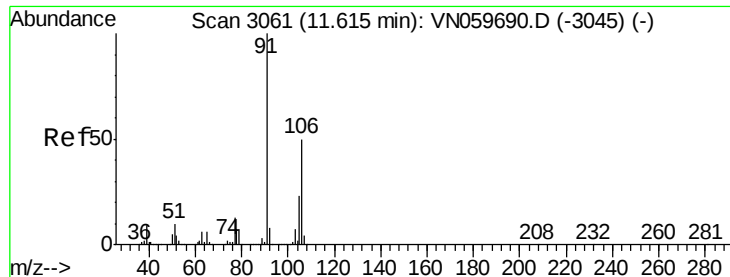
#67
Ethyl Benzene
Concen: 6.194 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

Tgt Ion: 91 Resp: 64958
Ion Ratio Lower Upper
91 100
106 31.9 24.1 36.1



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

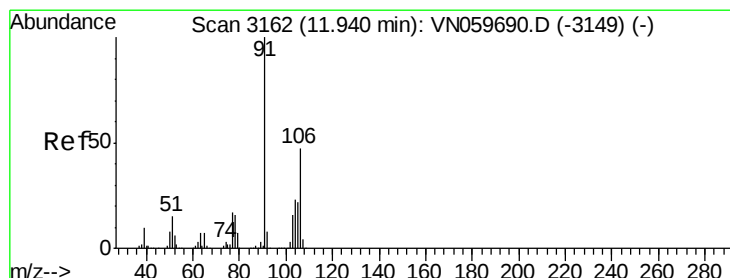
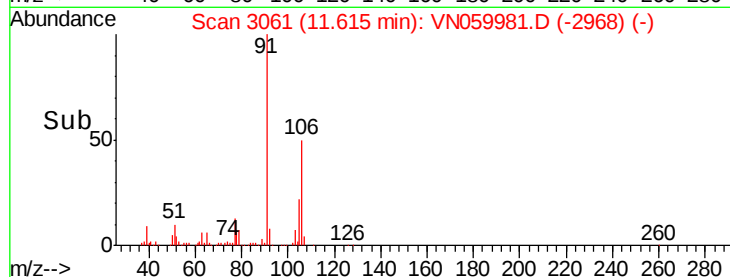
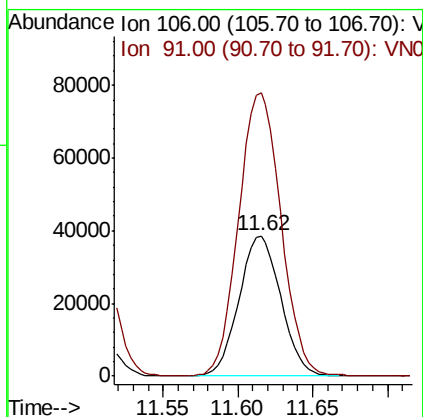
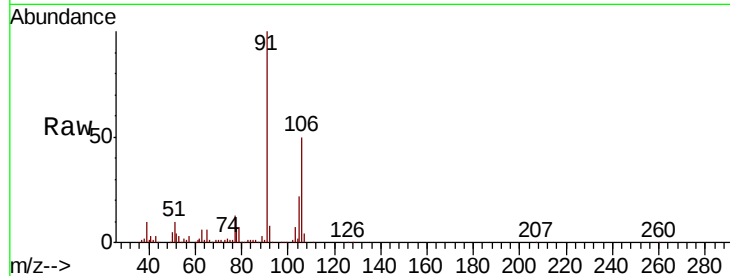




#68
m/p-Xvlenes
Concen: 18.931 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

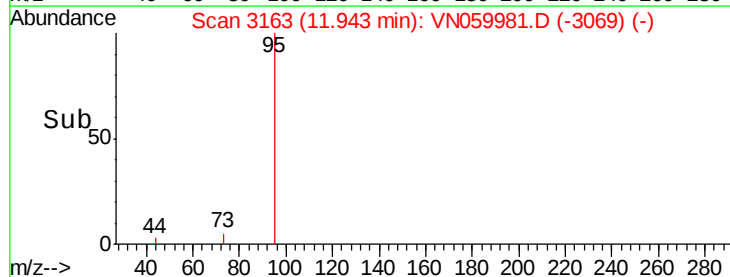
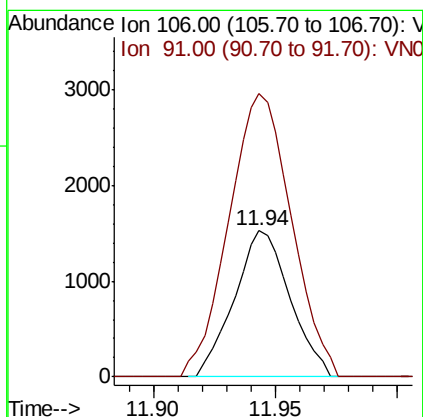
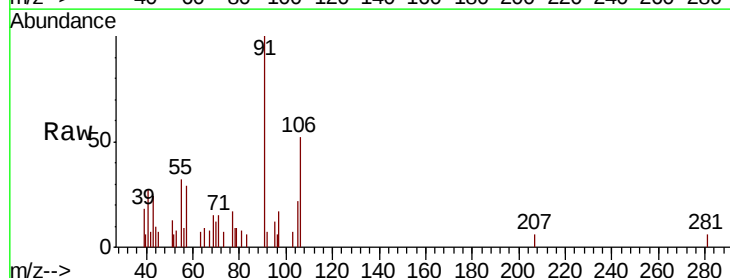
Instrument :
MSVOA_N
ClientSampled :

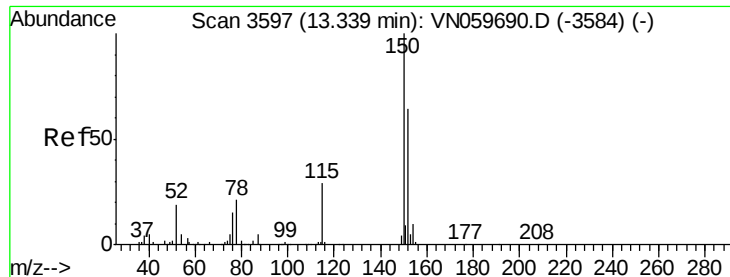
Tot Ion:106 Resp: 74992
Ion Ratio Lower Upper
106 100
91 205.1 167.9 251.9



#69
o-Xylene
Concen: 0.622 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

Tgt Ion:106 Resp: 2414
Ion Ratio Lower Upper
106 100
91 217.7 110.3 330.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

Instrument :

MSVOA_N

ClientSampleId :

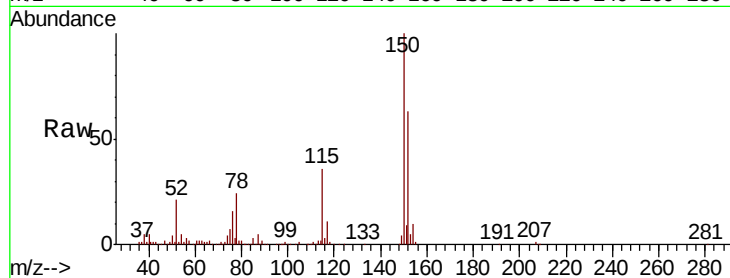
Tot Ion:152 Resp: 141416

Ion Ratio Lower Upper

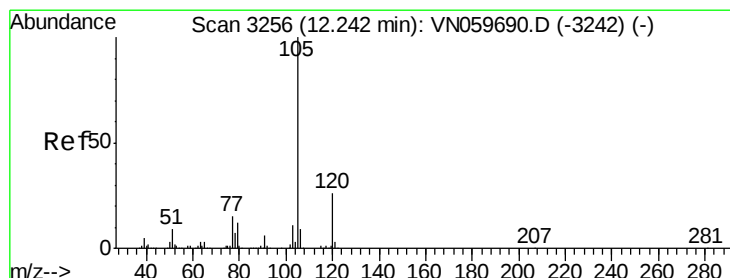
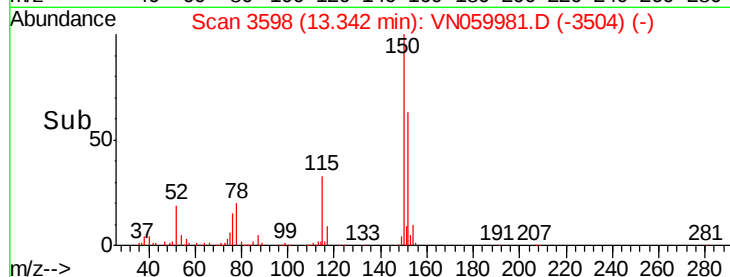
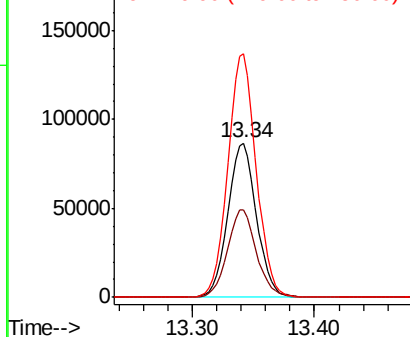
152 100

115 58.1 30.3 90.9

150 156.6 0.0 345.2



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: 0.978 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059981.D

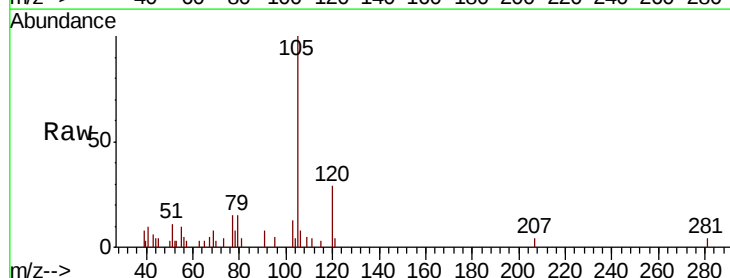
Acq: 3 Feb 2020 17:42

Tgt Ion:105 Resp: 10141

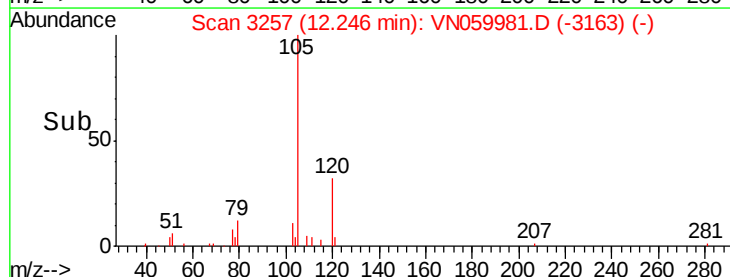
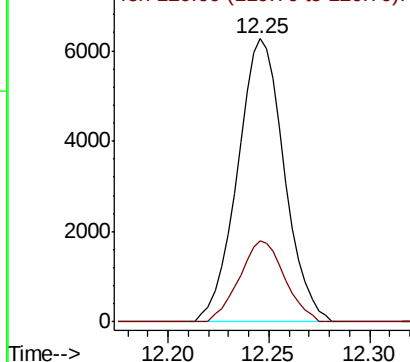
Ion Ratio Lower Upper

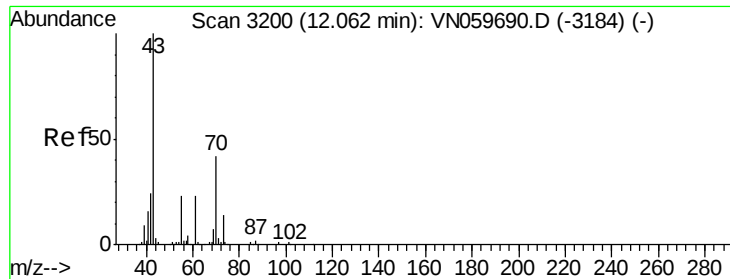
105 100

120 27.8 13.2 39.5



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





#74

N-amyl acetate

Concen: 0.655 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.02 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 2638

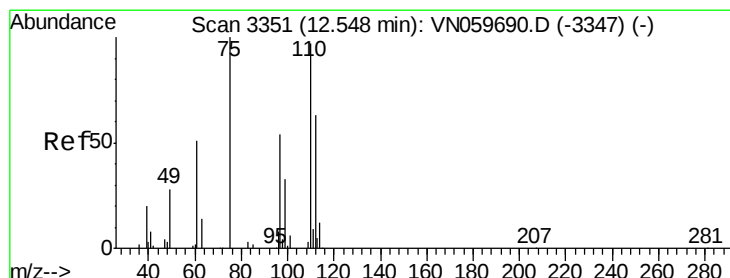
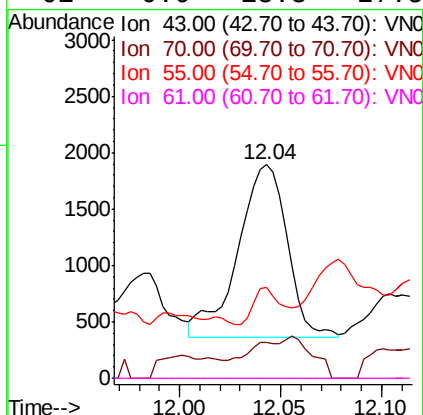
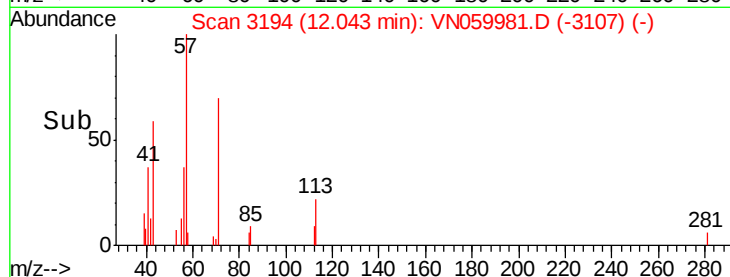
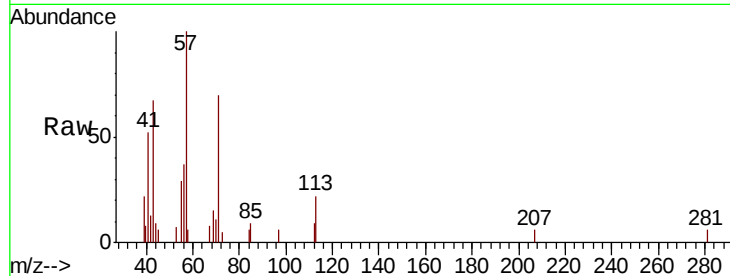
Ion Ratio Lower Upper

43 100

70 4.9 31.3 46.9#

55 12.2 19.8 29.6#

61 0.0 18.3 27.5#



#76

1,2,3-Trichloropropane

Concen: 30.242 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059981.D

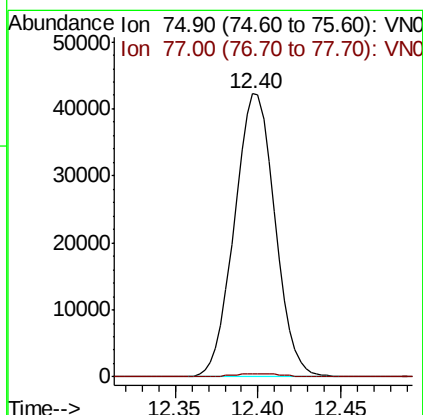
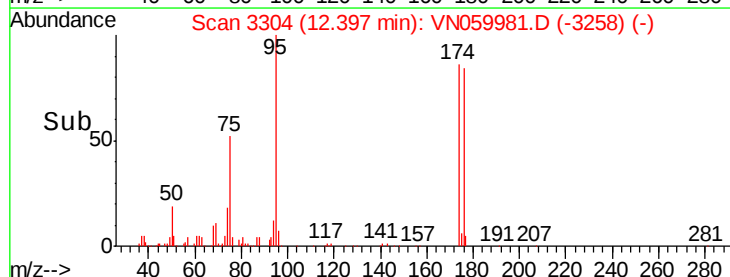
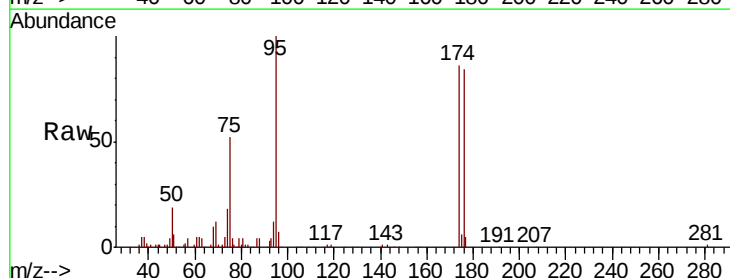
Acq: 3 Feb 2020 17:42

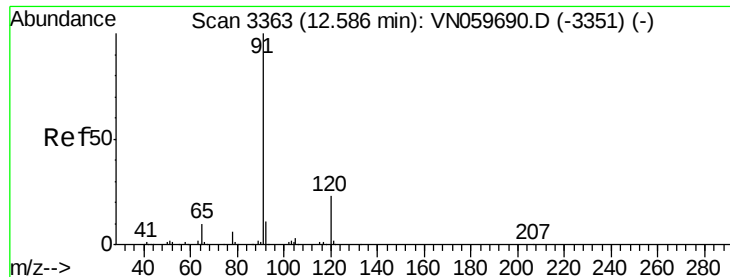
Tgt Ion: 75 Resp: 71973

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 4.146 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

Instrument :

MSVOA_N

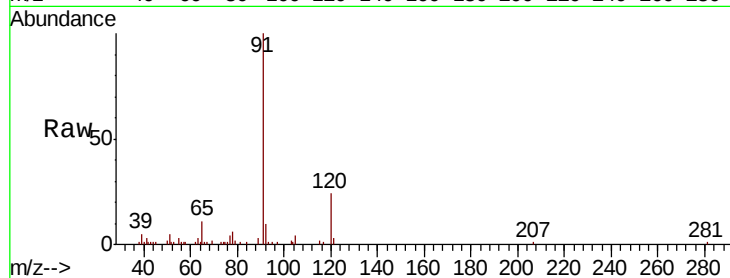
ClientSampleId :

Tot Ion: 91 Resp: 48259

Ion Ratio Lower Upper

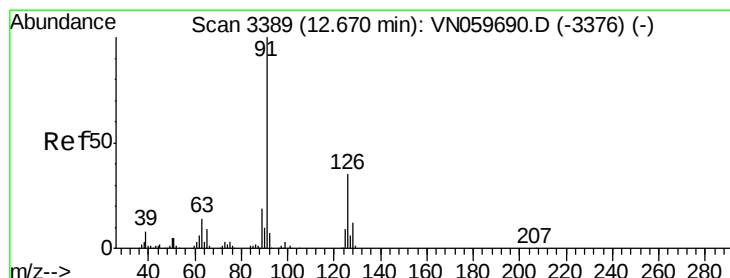
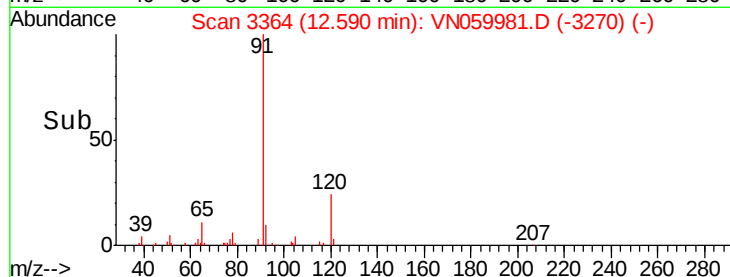
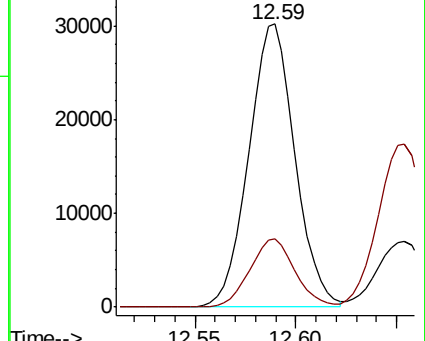
91 100

120 23.5 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.469 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN059981.D

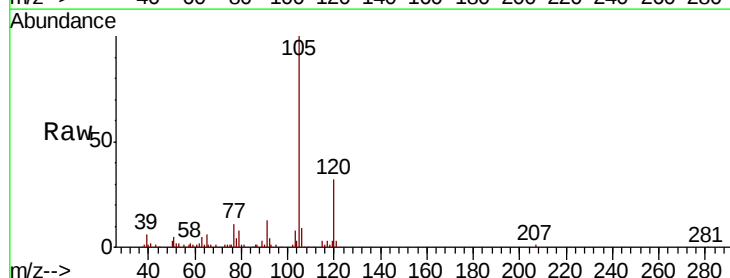
Acq: 3 Feb 2020 17:42

Tgt Ion: 91 Resp: 10176

Ion Ratio Lower Upper

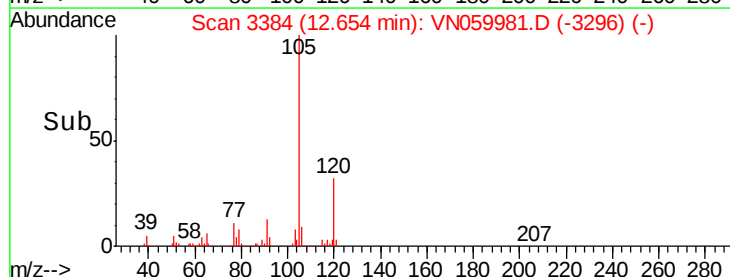
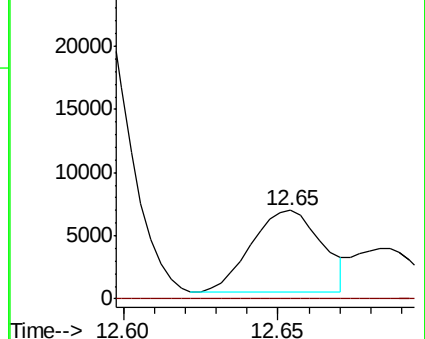
91 100

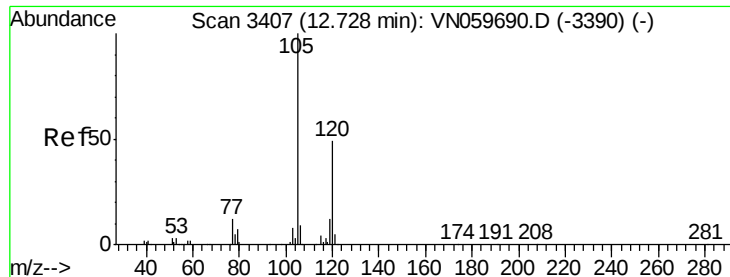
126 0.0 16.3 48.9#



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: 6.745 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

Instrument :

MSVOA_N

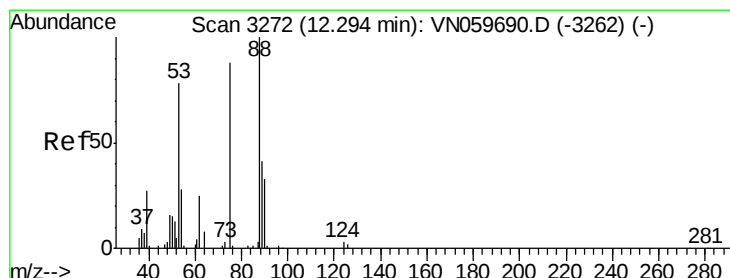
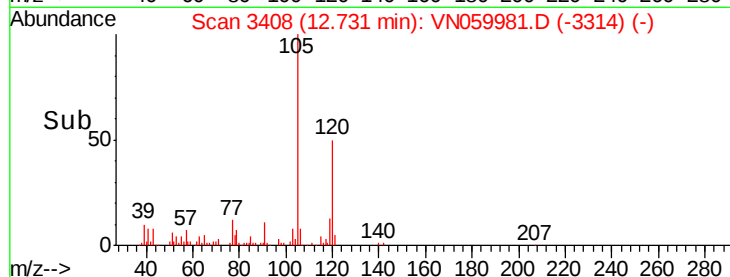
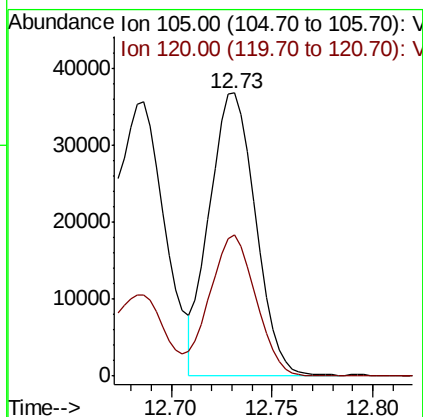
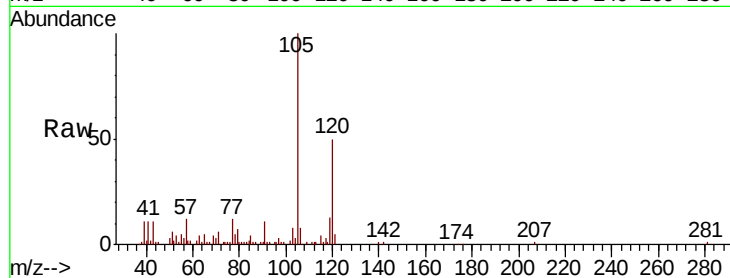
ClientSampleId :

Tot Ion:105 Resp: 58828

Ion Ratio Lower Upper

105 100

120 50.2 24.1 72.4



#81

trans-1,4-Dichloro-2-butene

Concen: 64.945 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

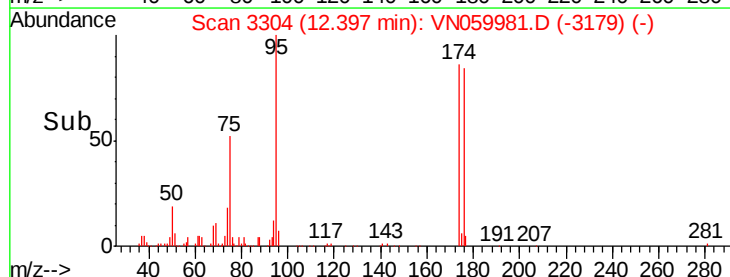
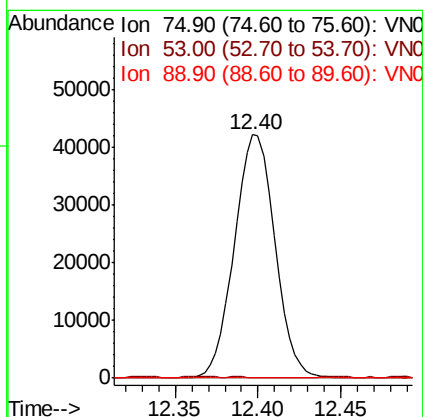
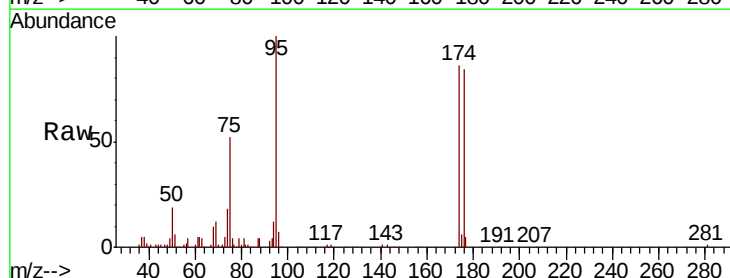
Tgt Ion: 75 Resp: 71973

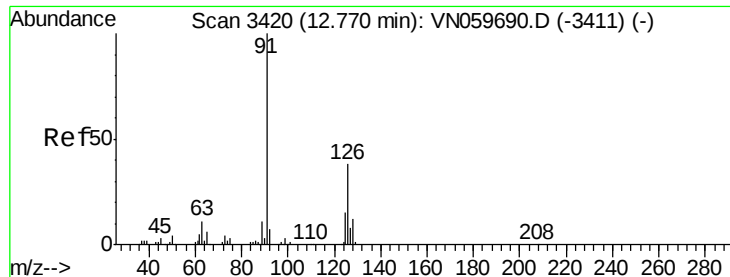
Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

89 0.0 35.4 53.2#





#82

4-Chlorotoluene

Concen: 0.821 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

Instrument :

MSVOA_N

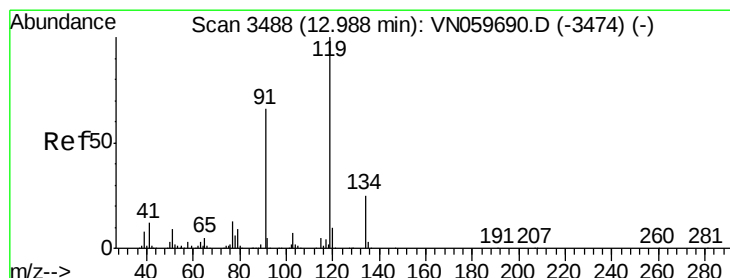
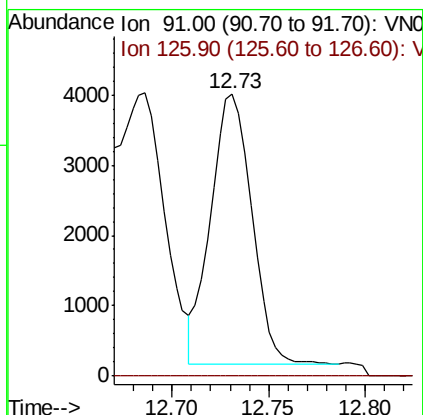
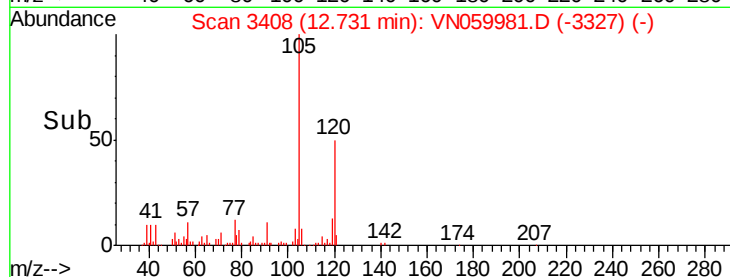
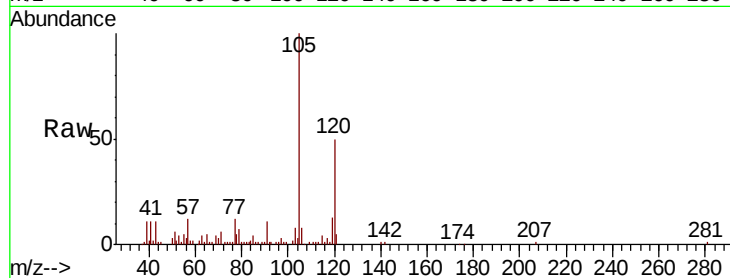
ClientSampleId :

Tot Ion: 91 Resp: 5706

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#83

tert-Butylbenzene

Concen: 2.912 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

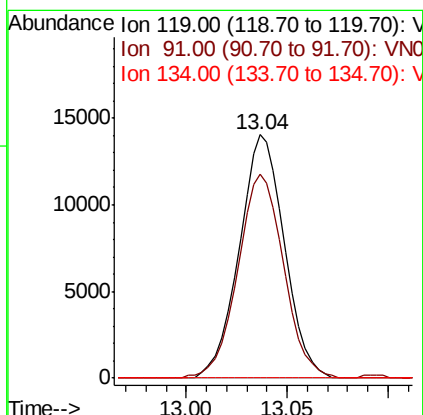
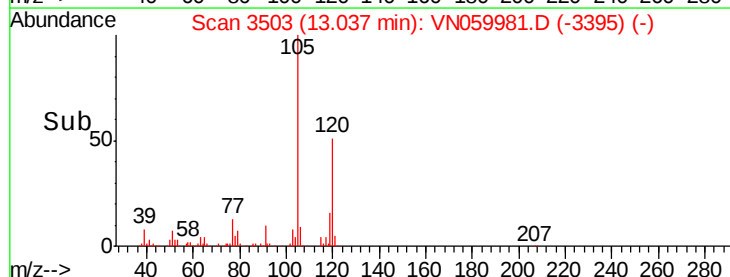
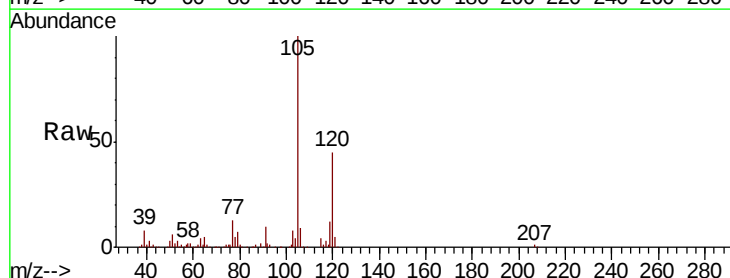
Tgt Ion: 119 Resp: 21966

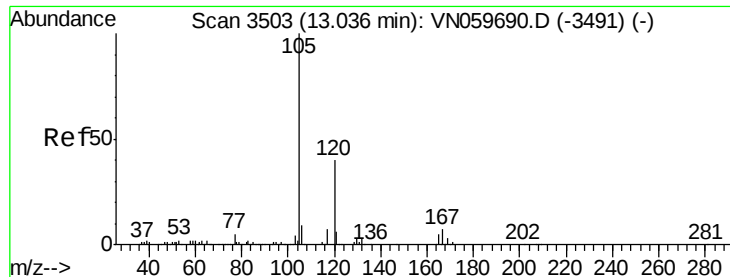
Ion Ratio Lower Upper

119 100

91 85.2 34.8 104.4

134 0.0 12.3 36.9#





#84

1,2,4-Trimethylbenzene

Concen: 20.800 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

Instrument :

MSVOA_N

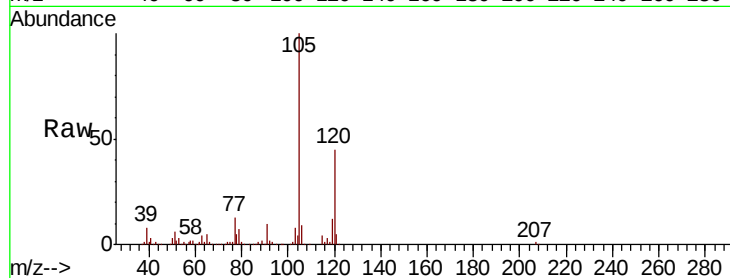
ClientSampleId :

Tot Ion:105 Resp: 179482

Ion Ratio Lower Upper

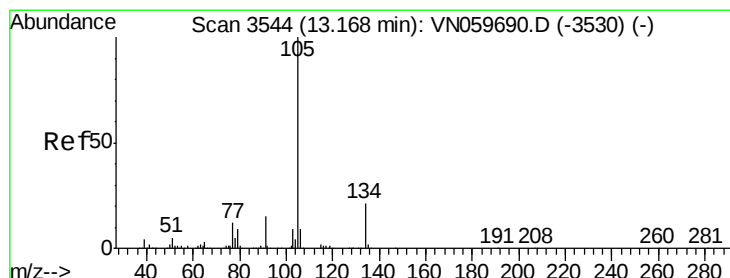
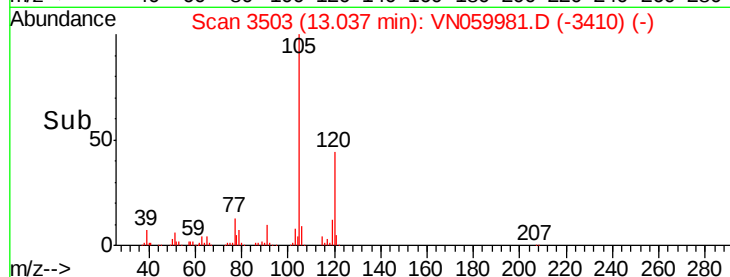
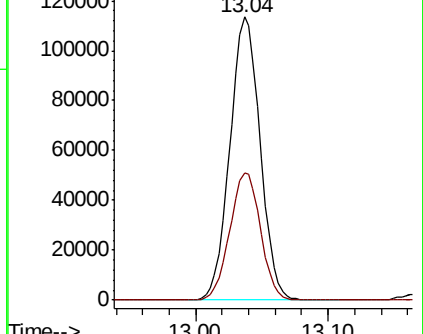
105 100

120 45.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 18.109 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.13 min

Lab File: VN059981.D

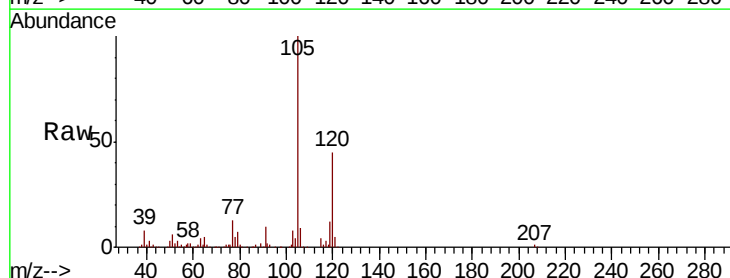
Acq: 3 Feb 2020 17:42

Tgt Ion:105 Resp: 179482

Ion Ratio Lower Upper

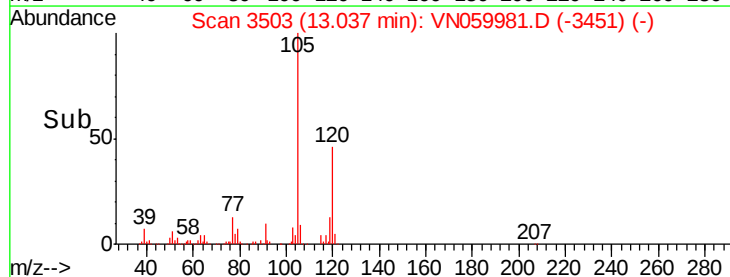
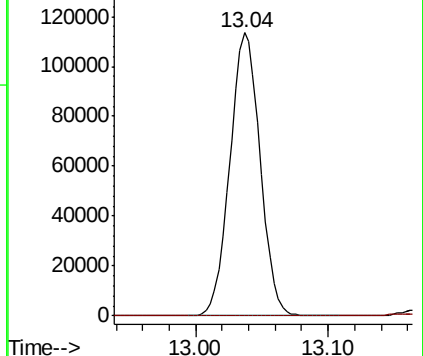
105 100

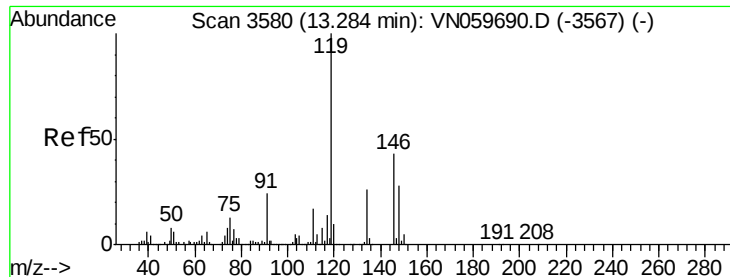
134 0.0 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

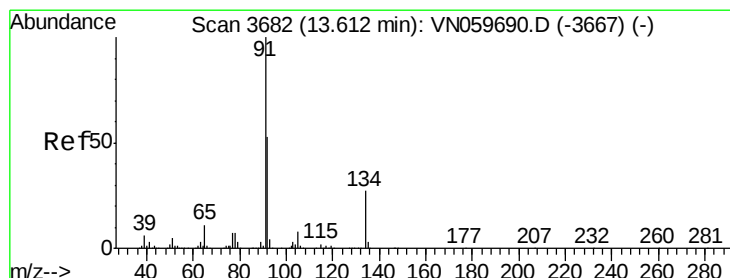
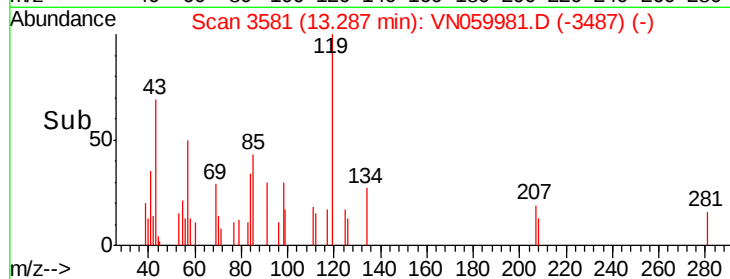
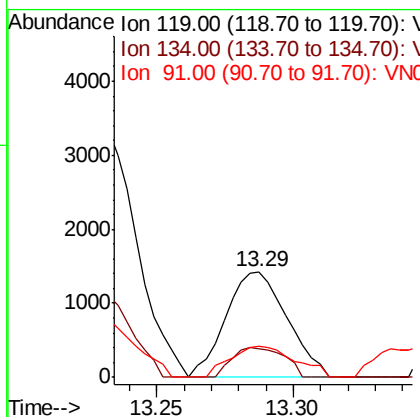
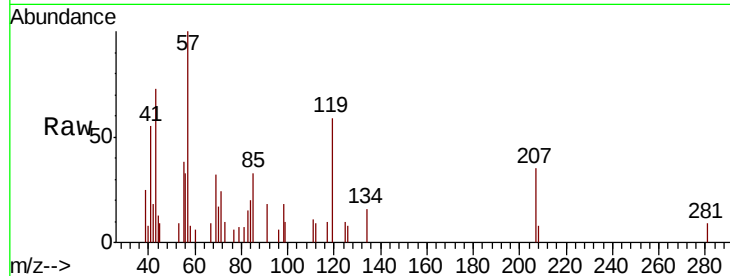




#86
 p-Isopropyltoluene
 Concen: 0.243 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059981.D
 Acq: 3 Feb 2020 17:42

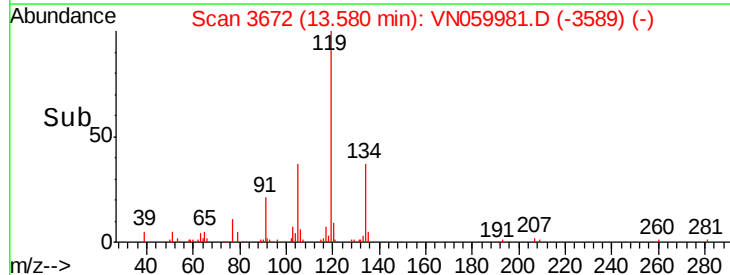
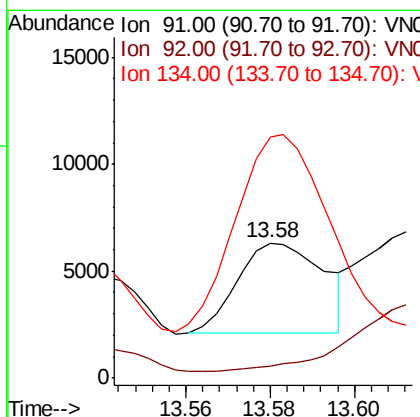
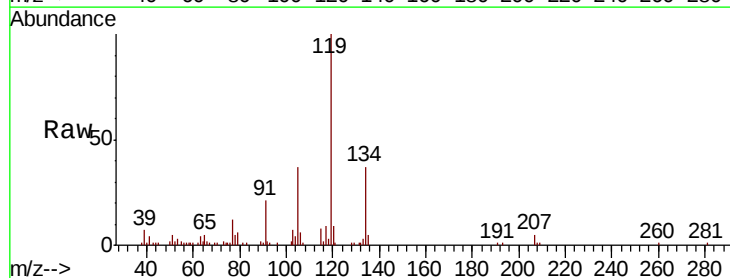
Instrument :
 MSVOA_N
 ClientSampled :

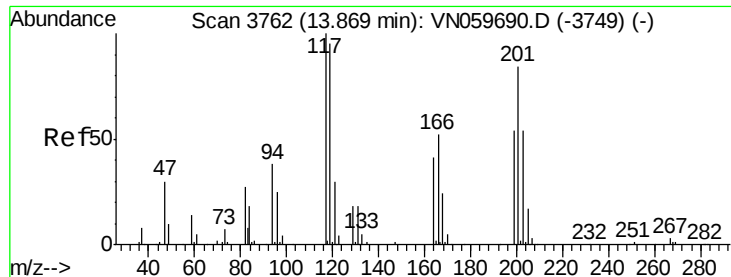
Tot Ion:119 Resp: 2226
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.9 38.7
 91 31.2 12.4 37.4



#89
 n-Butylbenzene
 Concen: 0.766 ug/l
 RT: 13.58 min Scan# 3672
 Delta R.T. -0.03 min
 Lab File: VN059981.D
 Acq: 3 Feb 2020 17:42

Tgt Ion: 91 Resp: 5992
 Ion Ratio Lower Upper
 91 100
 92 0.0 25.9 77.7#
 134 382.6 12.3 36.8#





#90

Hexachloroethane

Concen: 2.882 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.02 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

Instrument :

MSVOA_N

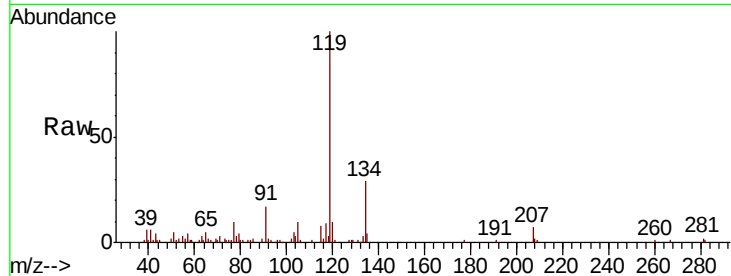
ClientSampled :

Tot Ion:117 Resp: 4945

Ion Ratio Lower Upper

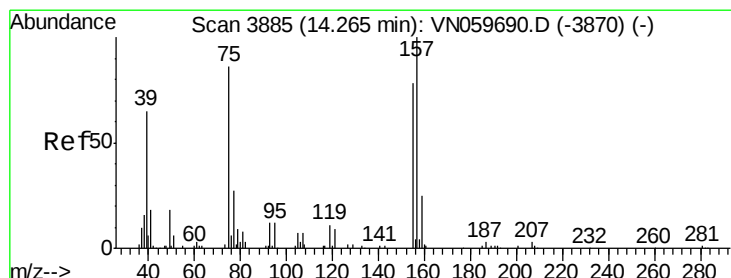
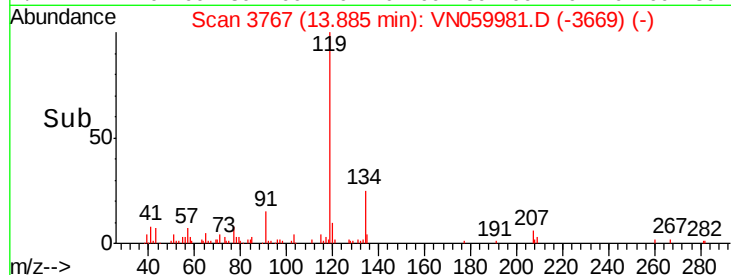
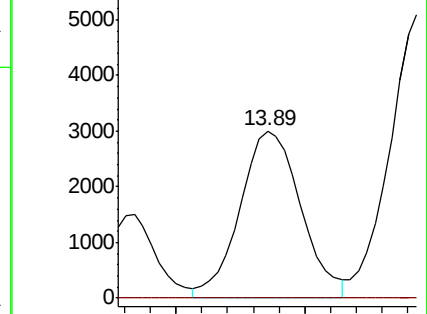
117 100

201 0.0 37.8 113.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.25 min Scan# 3881

Delta R.T. -0.01 min

Lab File: VN059981.D

Acq: 3 Feb 2020 17:42

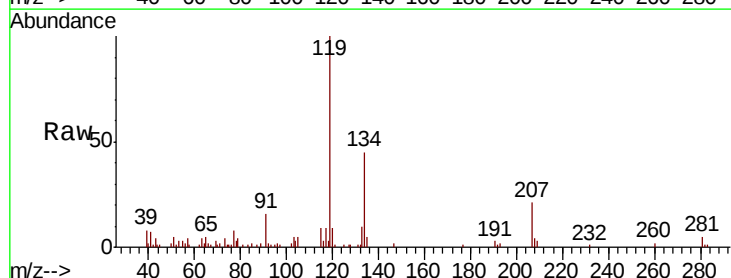
Tgt Ion: 75 Resp: 548

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

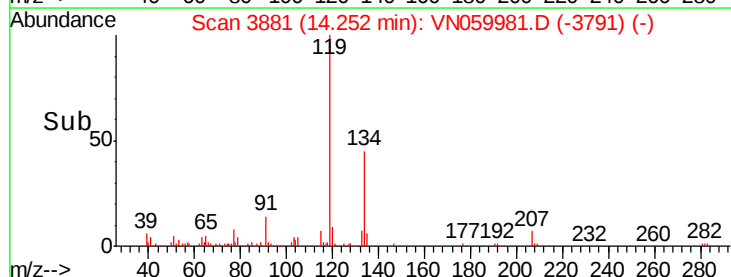
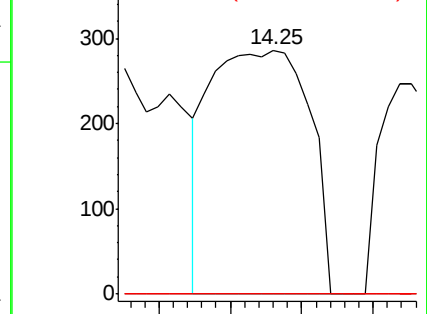
157 0.0 48.4 145.2#

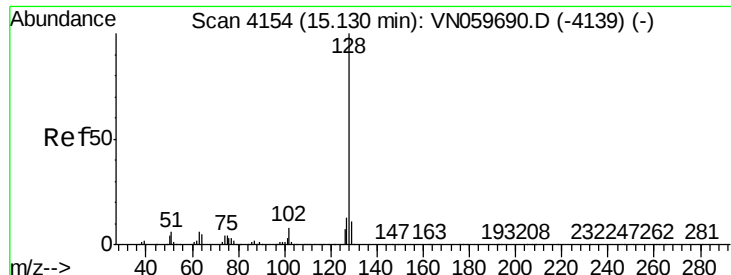


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

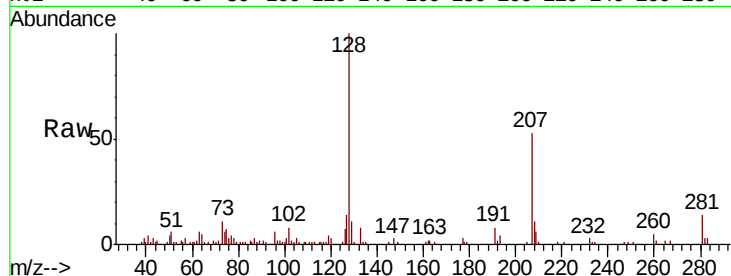




#95
Naphthalene
Concen: 5.632 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059981.D
Acq: 3 Feb 2020 17:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	12.2	8.6	12.8



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

