

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020320\
 Data File : VN059980.D
 Acq On : 3 Feb 2020 17:19
 Operator : JC/MD
 Sample : L1346-05 20X
 Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 04 04:00:39 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	214225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	331501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149487	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	121509	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
35) Dibromofluoromethane	7.57	113	100457	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
50) Toluene-d8	10.08	98	403140	52.63	ug/l	0.00
Spiked Amount			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.40	95	147544	53.43	ug/l	0.00
Spiked Amount			Recovery	=	106.86%	

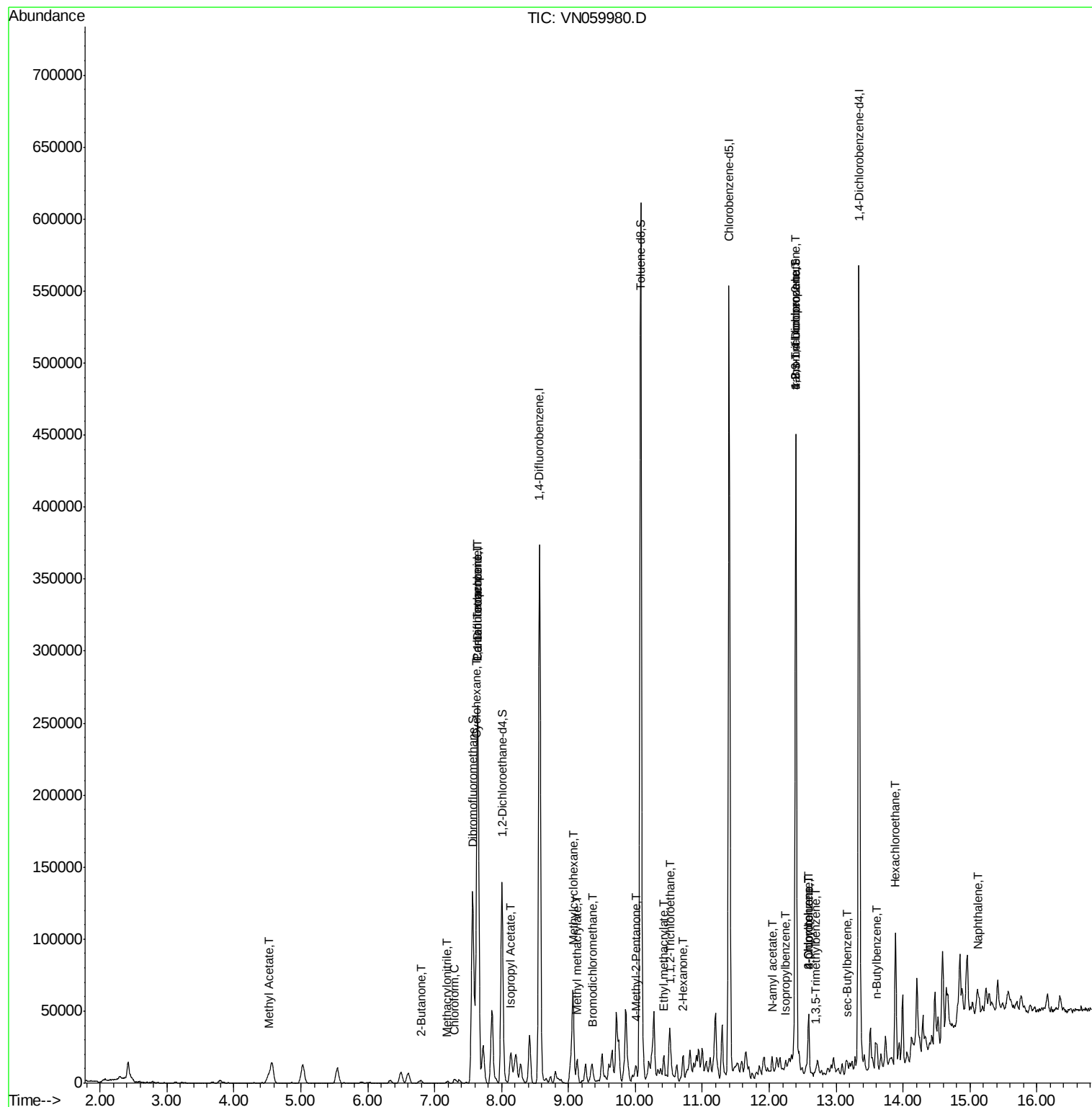
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	1417	Below Cal	#	88
18) Methyl Acetate	4.52	43	3396	1.222	ug/l #	54
20) Methylene Chloride	4.52	84	1686	Below Cal	#	72
25) 2-Butanone	6.80	43	412	0.306	ug/l #	50
30) Chloroform	7.29	83	1903	0.502	ug/l #	17
31) Cyclohexane	7.62	56	13728	3.900	ug/l #	75
36) 1,1-Dichloropropene	7.64	75	14930	5.172	ug/l #	51
38) Carbon Tetrachloride	7.64	117	19744	6.287	ug/l #	16
39) Methylcyclohexane	9.07	83	25398	7.135	ug/l	95
41) Methacrylonitrile	7.19	41	337	0.253	ug/l #	100
43) Isopropyl Acetate	8.13	43	4728	1.015	ug/l #	56
47) Bromodichloromethane	9.38	83	1749	0.578	ug/l #	25
48) Methyl methacrylate	9.13	41	3583	1.720	ug/l #	49
51) 4-Methyl-2-Pentanone	10.01	43	1176	0.437	ug/l #	38
55) 1,1,2-Trichloroethane	10.52	97	8088	3.755	ug/l #	18
56) Ethyl methacrylate	10.42	69	1260	0.383	ug/l #	25
59) 2-Hexanone	10.71	43	6948	3.503	ug/l #	28
73) Isopropylbenzene	12.25	105	5834	0.532	ug/l	96
74) N-amyl acetate	12.04	43	2868	0.674	ug/l #	68
76) 1,2,3-Trichloropropane	12.40	75	76001	30.210	ug/l #	100
78) n-propylbenzene	12.59	91	33428	2.717	ug/l	98
79) 2-Chlorotoluene	12.59	91	33428	4.566	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.69	105	2373	0.257	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.40	75	76001	64.877	ug/l #	11
82) 4-Chlorotoluene	12.59	91	33428	4.553	ug/l #	42
85) sec-Butylbenzene	13.17	105	4873	0.465	ug/l #	55
89) n-Butylbenzene	13.61	91	10585	1.281	ug/l #	78
90) Hexachloroethane	13.89	117	4730	2.608	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.27	75	98	Below Cal	#	6
95) Naphthalene	15.13	128	4947	0.607	ug/l #	91

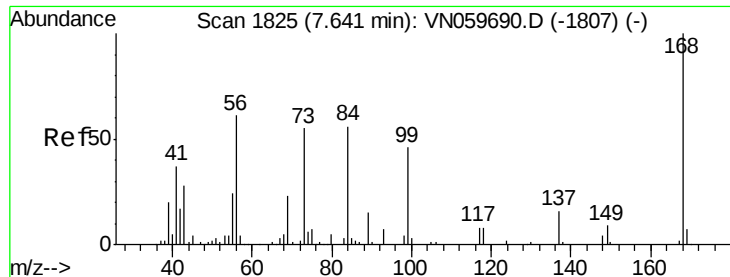
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020320\
Data File : VN059980.D
Acq On : 3 Feb 2020 17:19
Operator : JC/MD
Sample : L1346-05 20X
Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 04 04:00:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

Instrument :

MSVOA_N

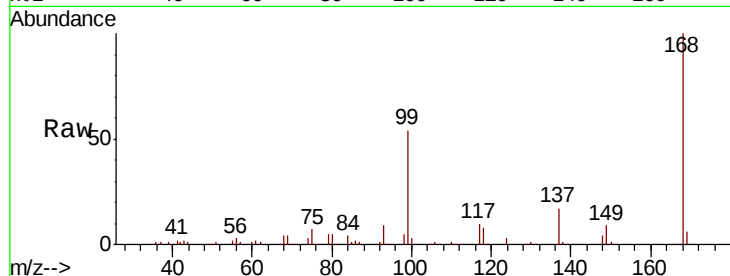
ClientSampled :

Tot Ion:168 Resp: 214225

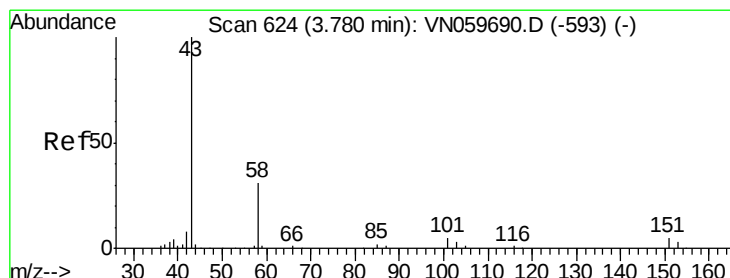
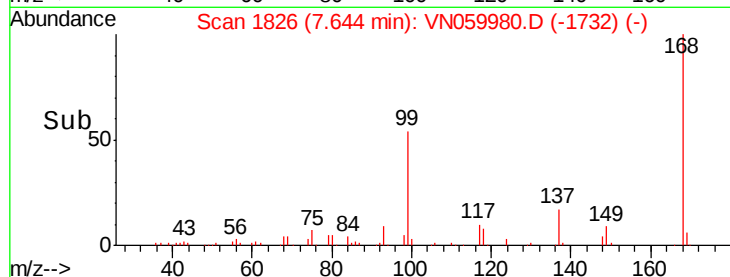
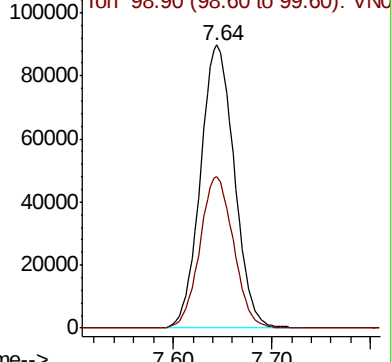
Ion Ratio Lower Upper

168 100

99 53.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059980.D (-1732) (-)



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN059980.D

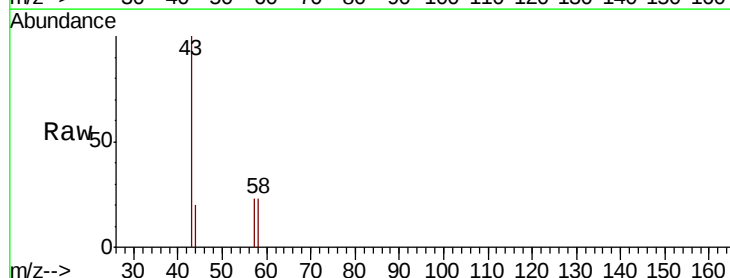
Acq: 3 Feb 2020 17:19

Tgt Ion: 43 Resp: 1417

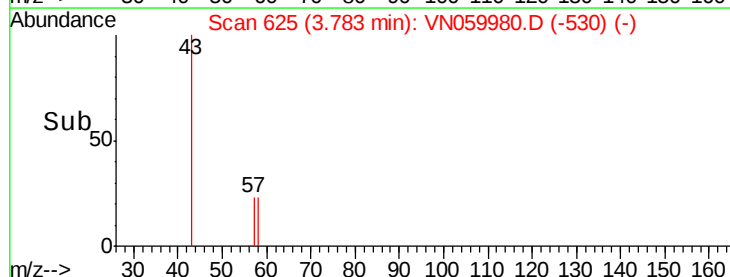
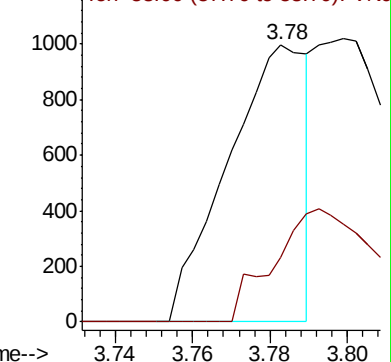
Ion Ratio Lower Upper

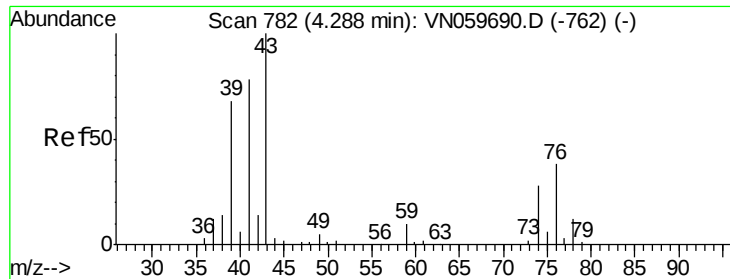
43 100

58 23.1 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059980.D (-530) (-)

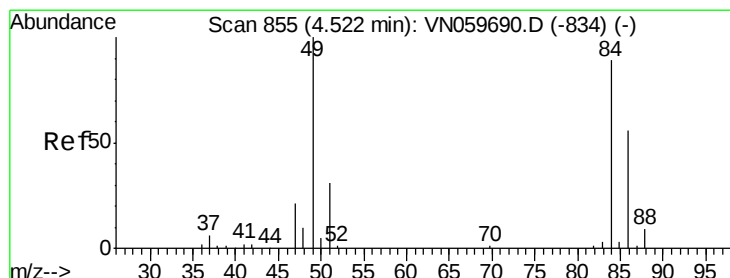
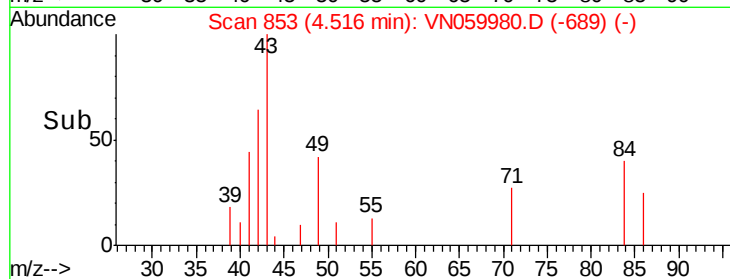
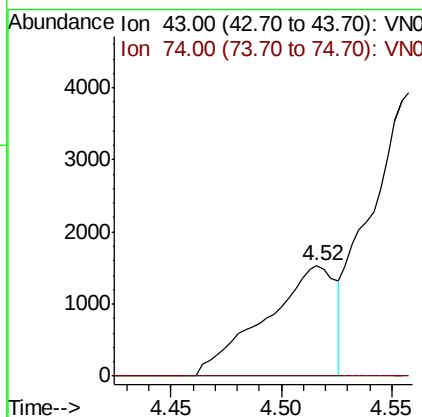
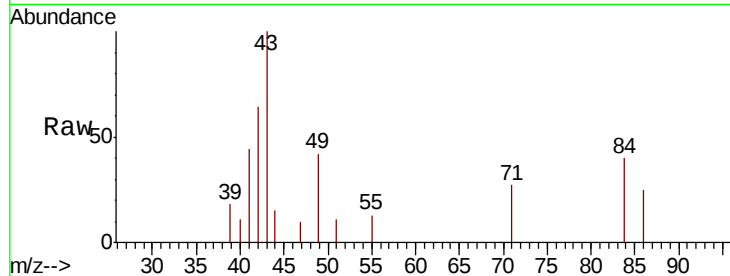




#18
Methyl Acetate
Concen: 1.222 ug/l
RT: 4.52 min Scan# 853
Delta R.T. 0.23 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

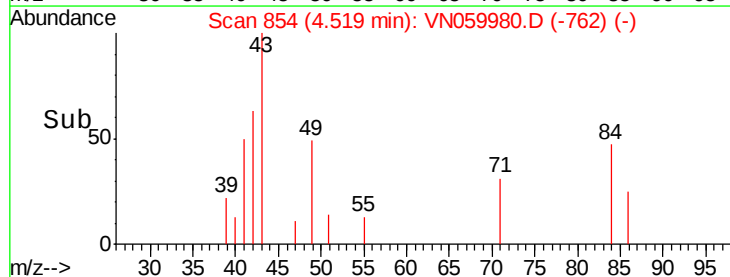
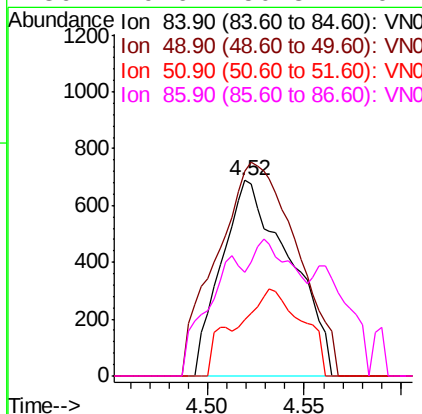
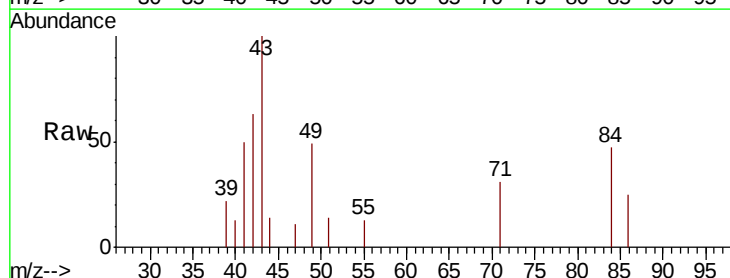
Instrument :
MSVOA_N
ClientSampled :

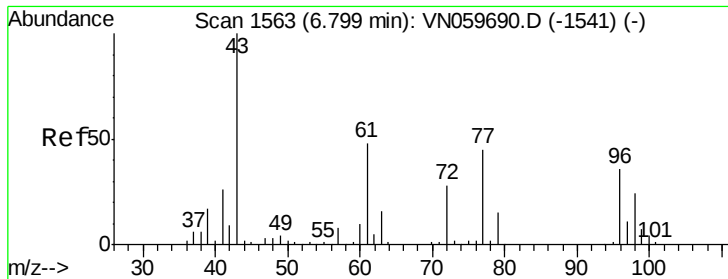
Tot Ion: 43 Resp: 3396
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Tgt Ion: 84 Resp: 1686
Ion Ratio Lower Upper
84 100
49 104.4 106.6 160.0#
51 28.9 31.9 47.9#
86 29.6 50.8 76.2#





#25

2-Butanone

Concen: 0.306 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

Instrument :

MSVOA_N

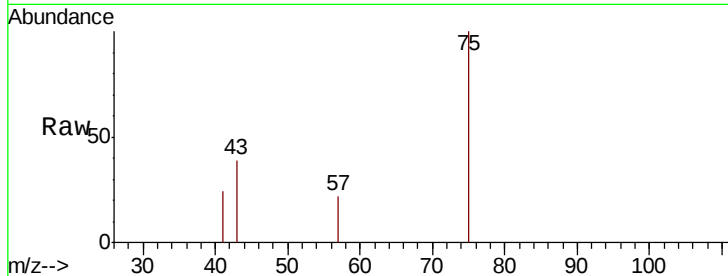
ClientSampled :

Tot Ion: 43 Resp: 412

Ion Ratio Lower Upper

43 100

72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

400

300

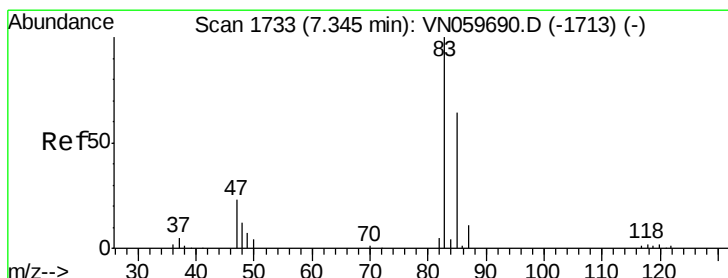
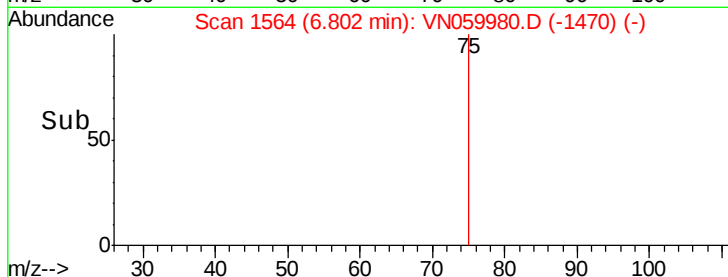
200

100

0

6.78 6.80 6.82

Time-->



#30

Chloroform

Concen: 0.502 ug/l

RT: 7.29 min Scan# 1716

Delta R.T. -0.05 min

Lab File: VN059980.D

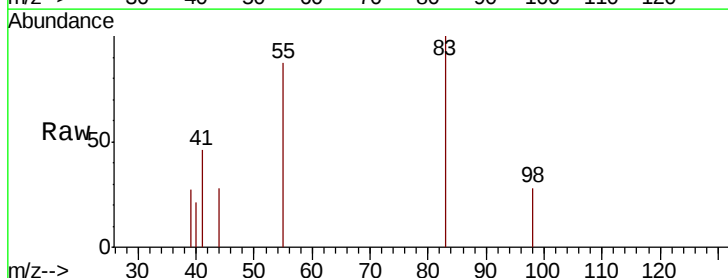
Acq: 3 Feb 2020 17:19

Tgt Ion: 83 Resp: 1903

Ion Ratio Lower Upper

83 100

85 0.0 52.4 78.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

800

600

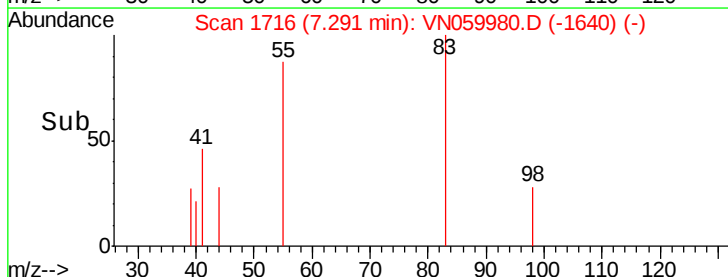
400

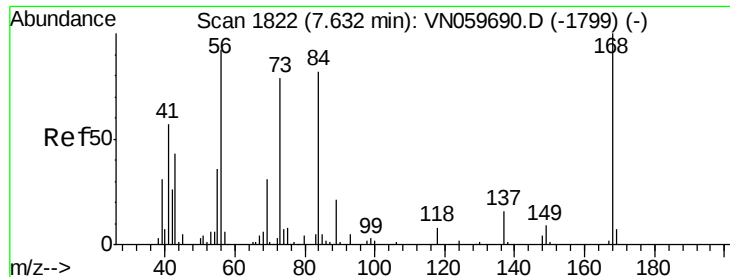
200

0

7.25 7.30 7.35

Time-->

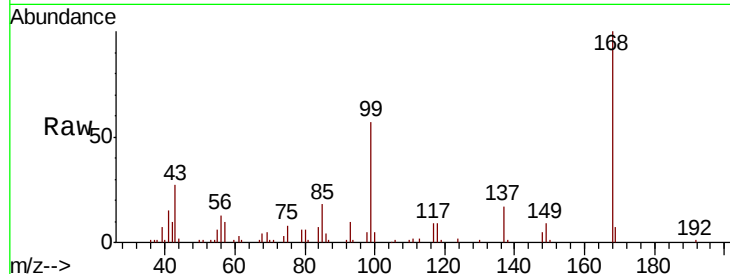




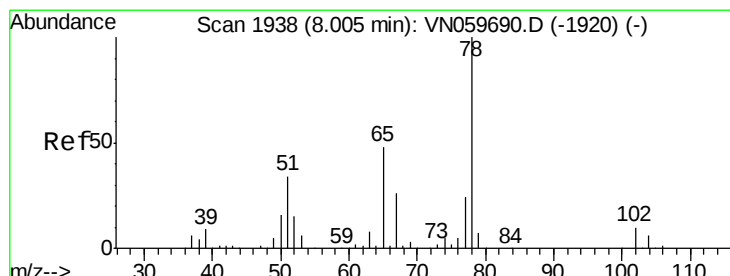
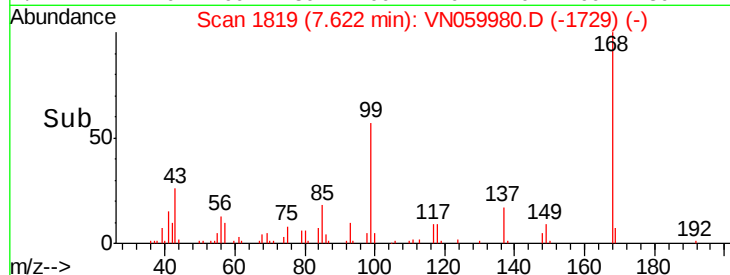
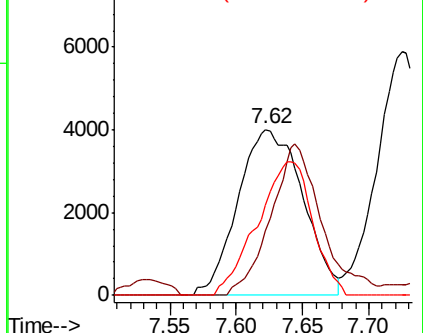
#31
Cyclohexane
Concen: 3.900 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.01 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 13728
Ion Ratio Lower Upper
56 100
69 38.6 26.5 39.7
84 54.3 65.3 97.9#

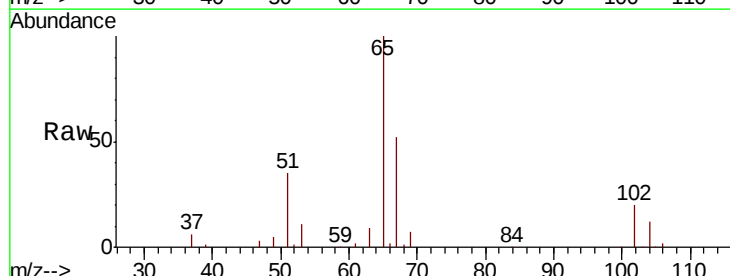


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

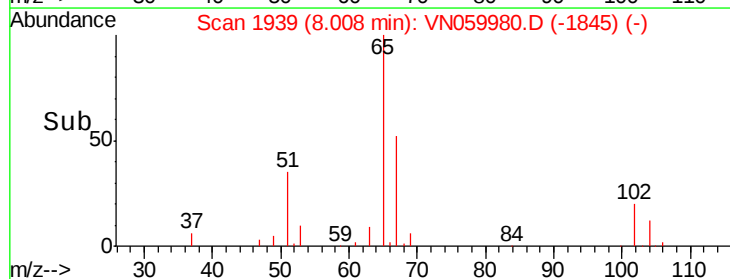
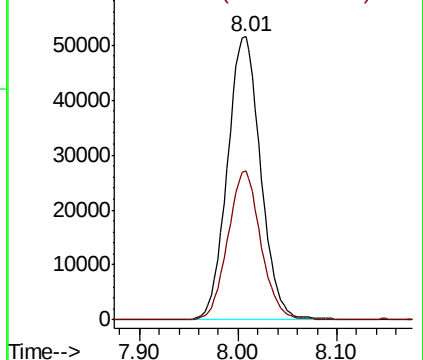


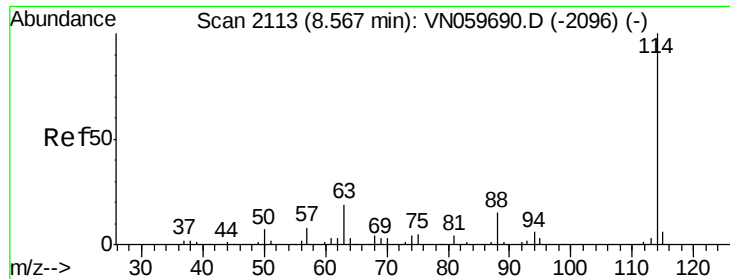
#33
1,2-Dichloroethane-d4
Concen: 51.075 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Tgt Ion: 65 Resp: 121509
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

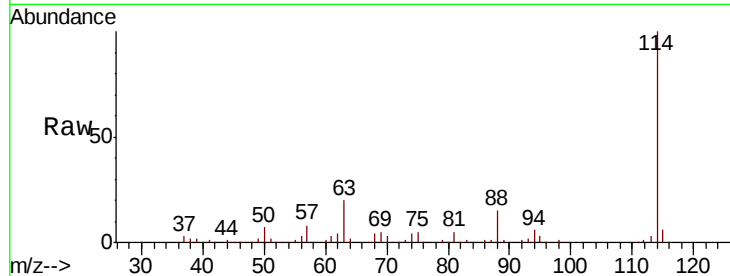




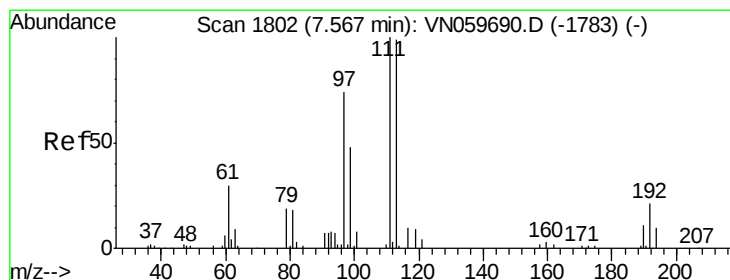
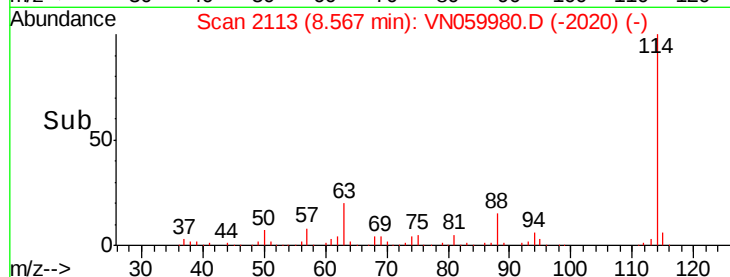
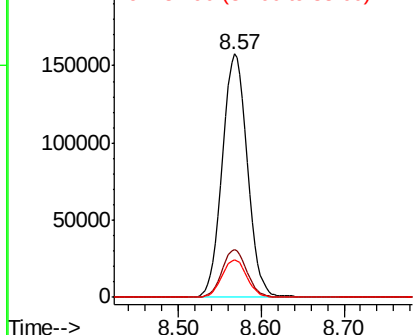
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 331501
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.6
88 15.3 0.0 31.4

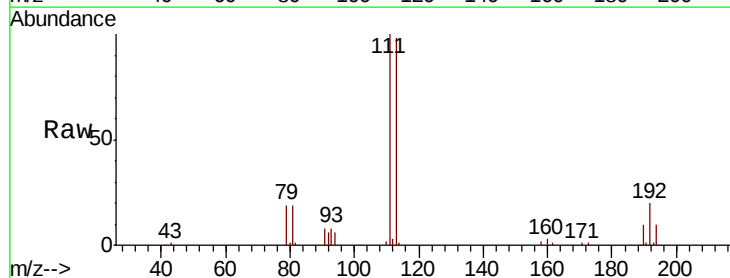


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

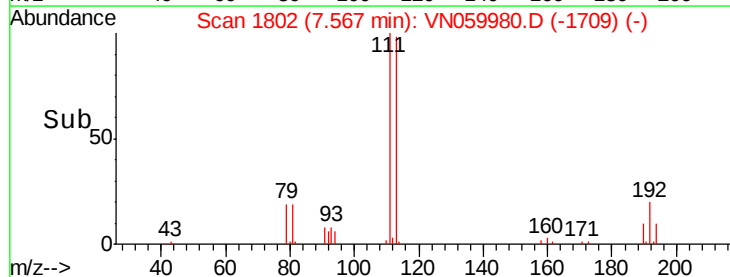
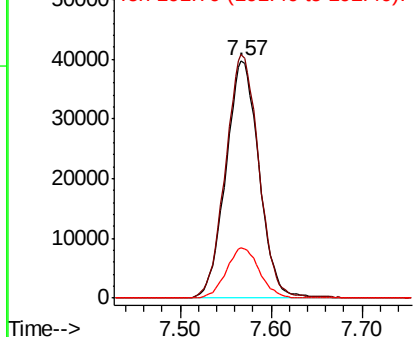


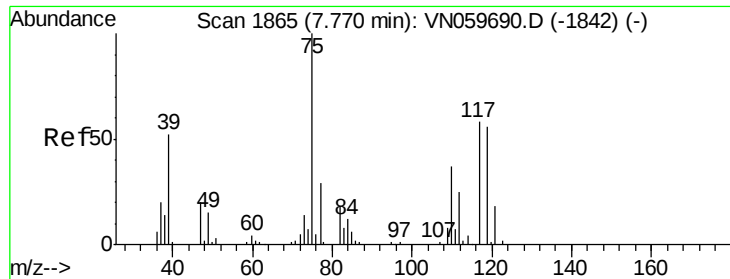
#35
Dibromofluoromethane
Concen: 50.816 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Tgt Ion:113 Resp: 100457
Ion Ratio Lower Upper
113 100
111 103.0 83.5 125.3
192 21.0 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

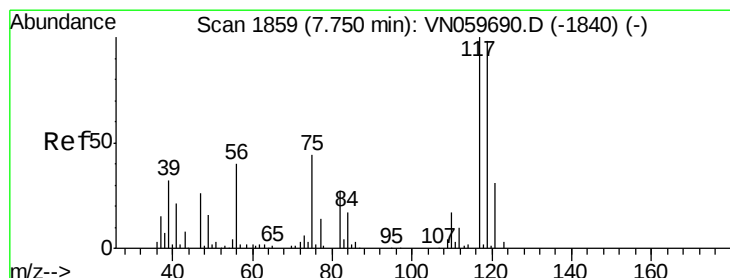
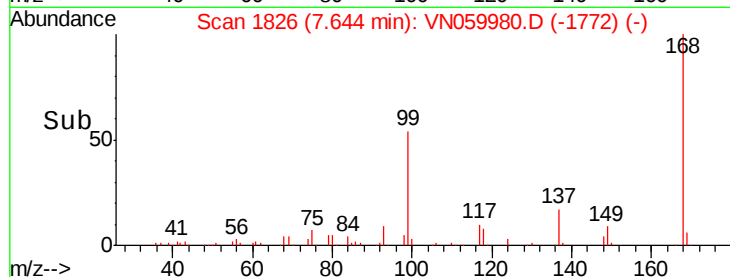
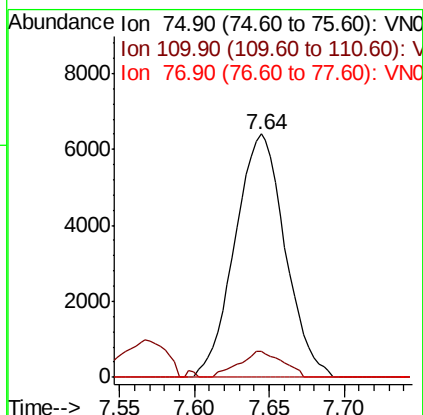
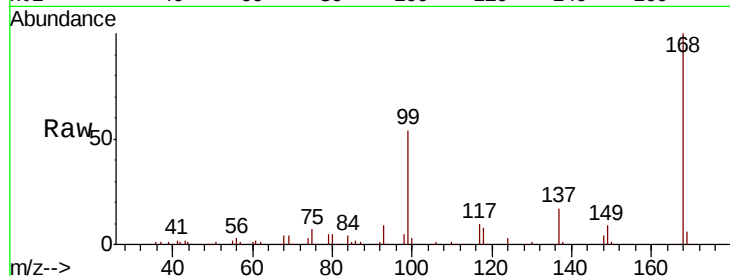




#36
 1,1-Dichloropropene
 Concen: 5.172 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059980.D
 Acq: 3 Feb 2020 17:19

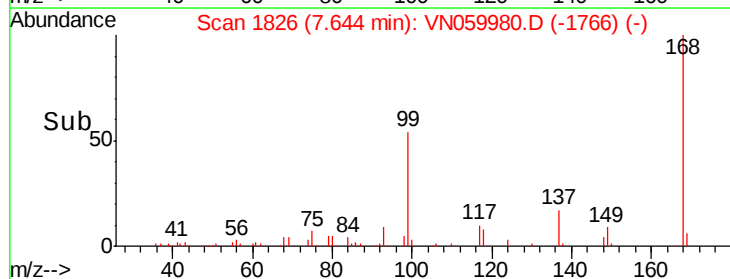
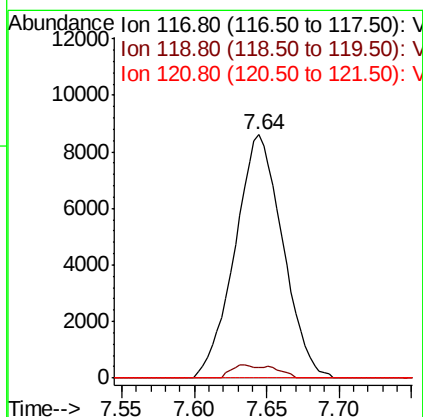
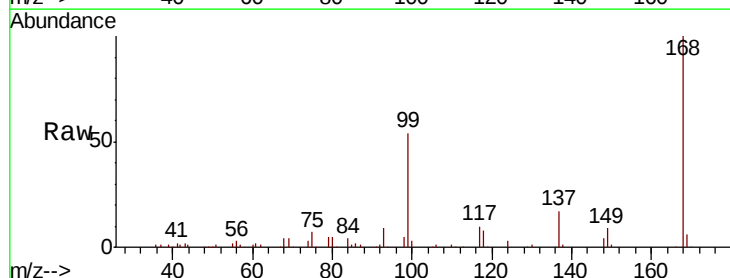
Instrument :
 MSVOA_N
 ClientSampleId :

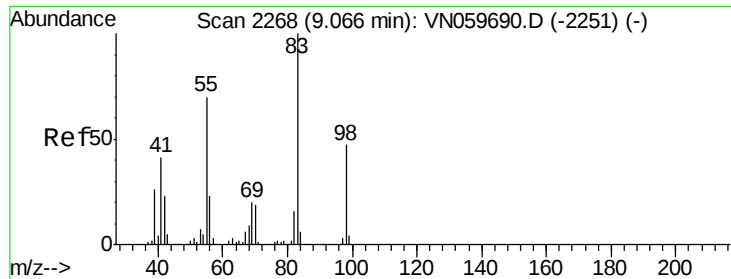
Tot Ion: 75 Resp: 14930
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.6 49.7#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.287 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059980.D
 Acq: 3 Feb 2020 17:19

Tgt Ion: 117 Resp: 19744
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.5 114.7#
 121 0.0 25.1 37.7#

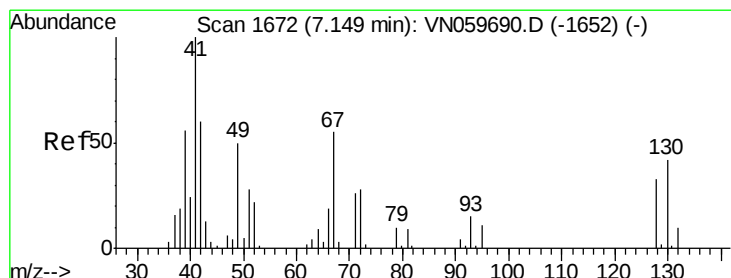
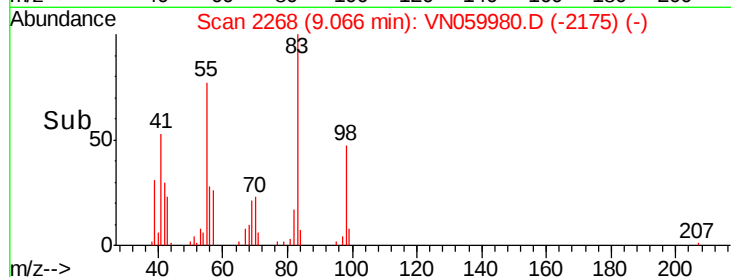
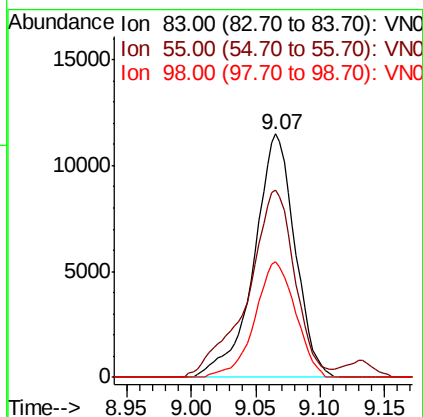
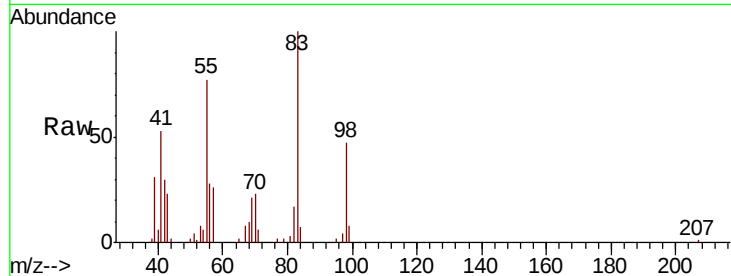




#39
Methvlcvclohexane
Concen: 7.135 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

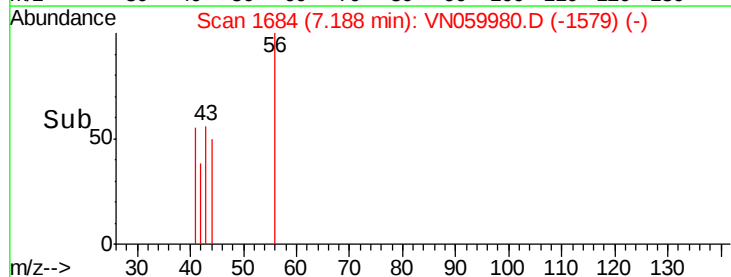
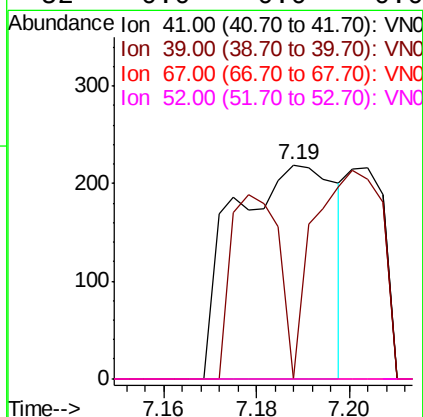
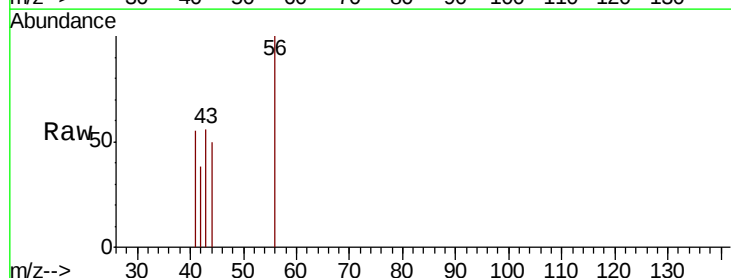
Instrument :
MSVOA_N
ClientSampled :

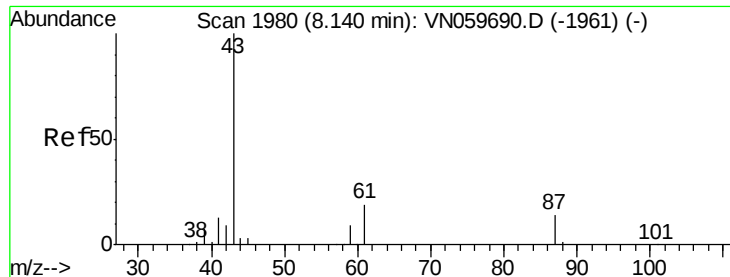
Tot Ion: 83 Resp: 25398
Ion Ratio Lower Upper
83 100
55 75.1 64.2 96.2
98 47.3 35.9 53.9



#41
Methacrylonitrile
Concen: 0.253 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.04 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Tgt Ion: 41 Resp: 337
Ion Ratio Lower Upper
41 100
39 39.8 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 1.015 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. -0.01 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

Instrument :

MSVOA_N

ClientSampled :

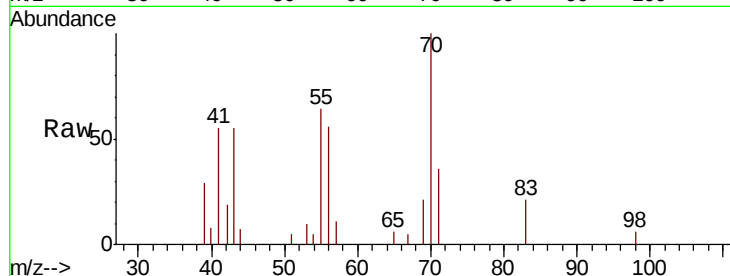
Tot Ion: 43 Resp: 4728

Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

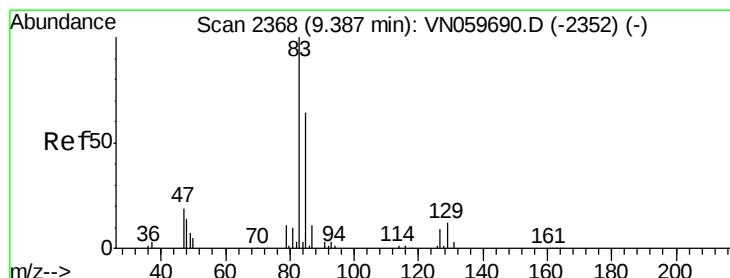
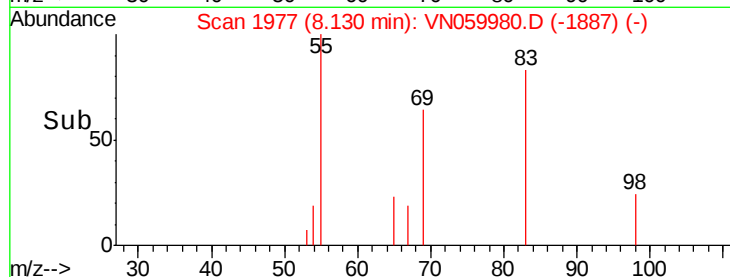
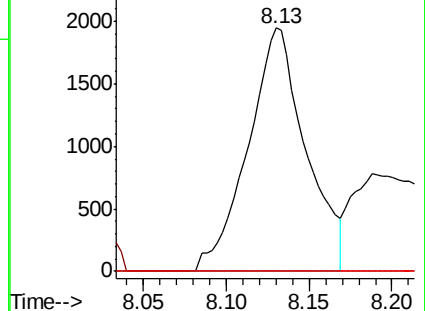
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059980.D (-1977) (-)

Ion 61.00 (60.70 to 61.70): VN059980.D (-1977) (-)

Ion 87.00 (86.70 to 87.70): VN059980.D (-1977) (-)



#47

Bromodichloromethane

Concen: 0.578 ug/l

RT: 9.38 min Scan# 2365

Delta R.T. -0.01 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

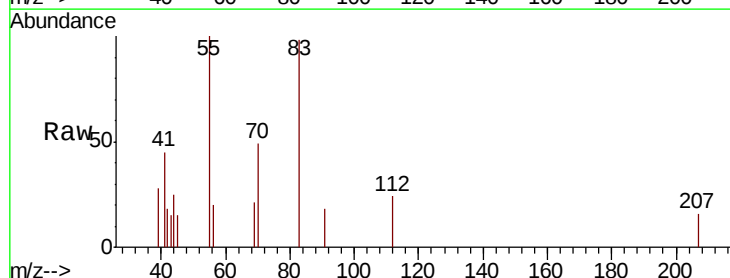
Tgt Ion: 83 Resp: 1749

Ion Ratio Lower Upper

83 100

85 0.0 51.1 76.7#

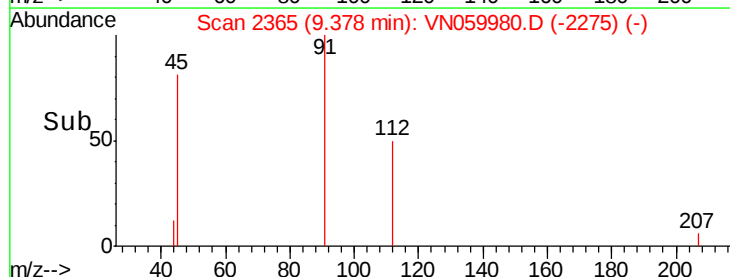
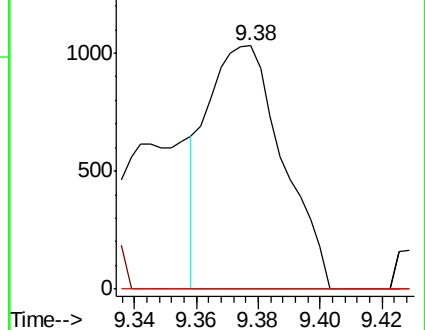
127 0.0 6.6 9.8#

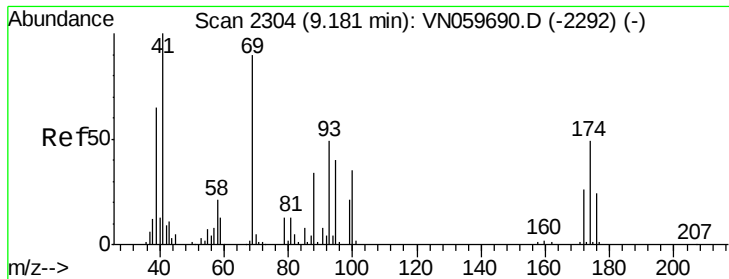


Abundance Ion 82.90 (82.60 to 83.60): VN059980.D (-2365) (-)

Ion 84.90 (84.60 to 85.60): VN059980.D (-2365) (-)

Ion 126.80 (126.50 to 127.50): VN059980.D (-2365) (-)

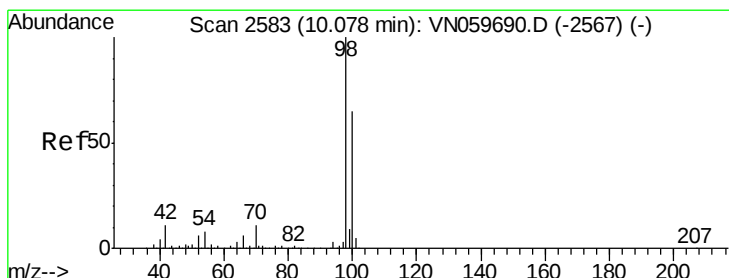
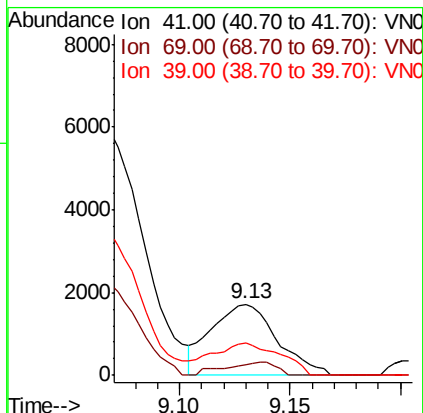
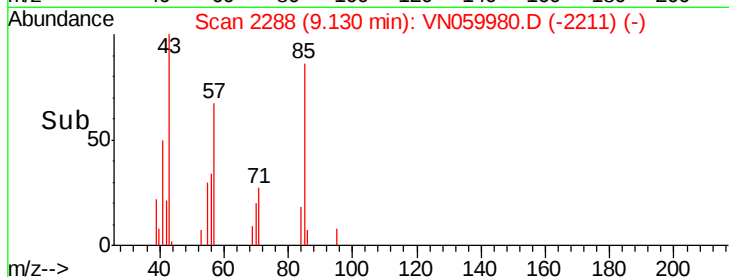
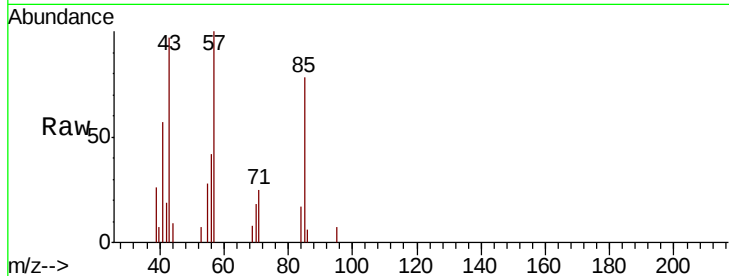




#48
Methvl methacrylate
Concen: 1.720 ug/l
RT: 9.13 min Scan# 2288
Delta R.T. -0.05 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

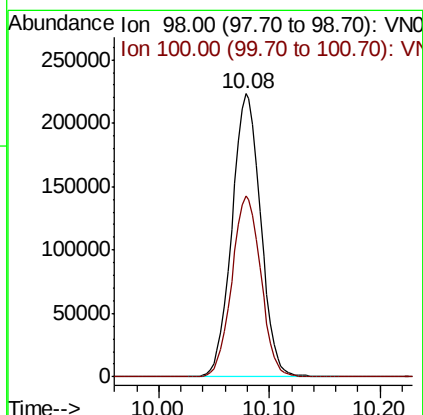
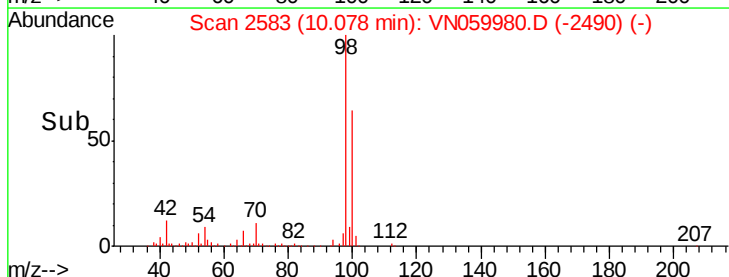
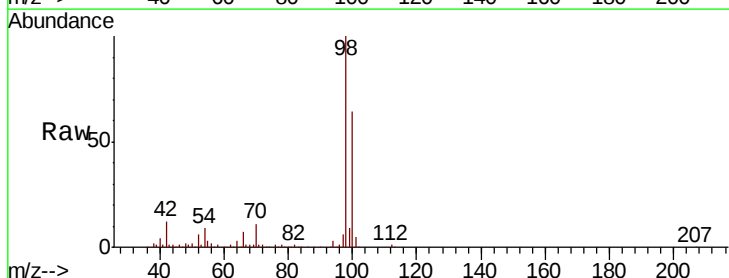
Instrument :
MSVOA_N
ClientSampled :

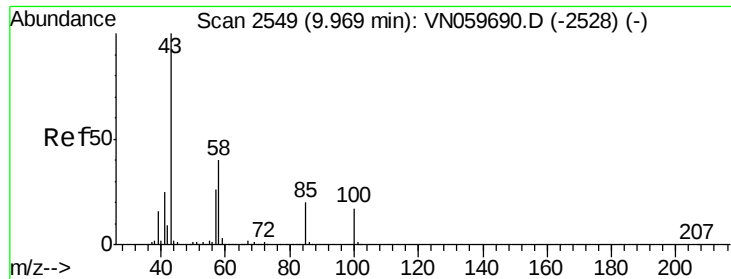
Tot Ion: 41 Resp: 3583
Ion Ratio Lower Upper
41 100
69 14.6 64.4 96.6#
39 47.0 51.3 76.9#



#50
Toluene-d8
Concen: 52.633 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Tgt Ion: 98 Resp: 403140
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8

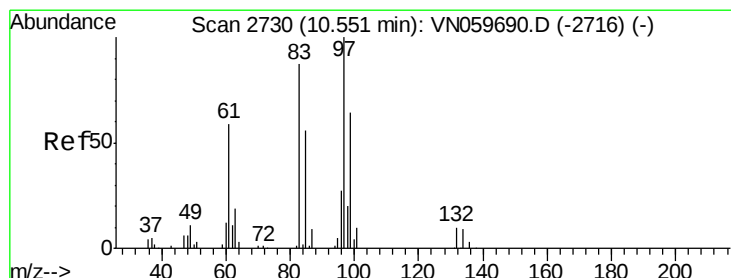
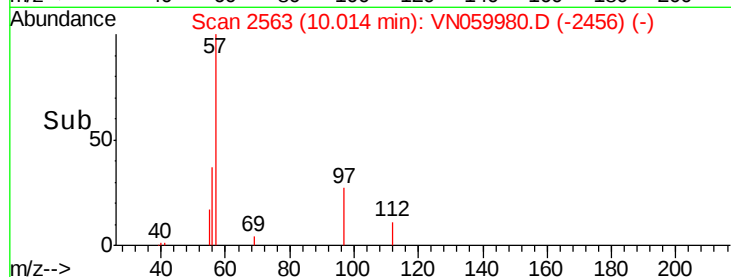
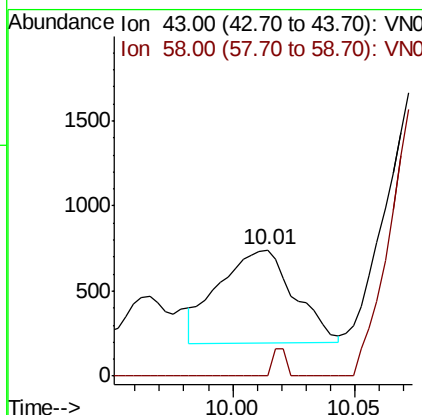
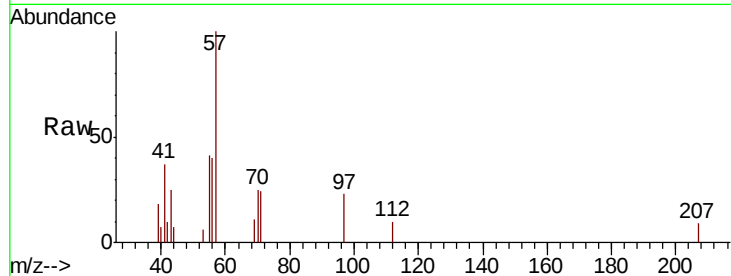




#51
 4-Methyl-2-Pentanone
 Concen: 0.437 ug/l
 RT: 10.01 min Scan# 2563
 Delta R.T. 0.05 min
 Lab File: VN059980.D
 Acq: 3 Feb 2020 17:19

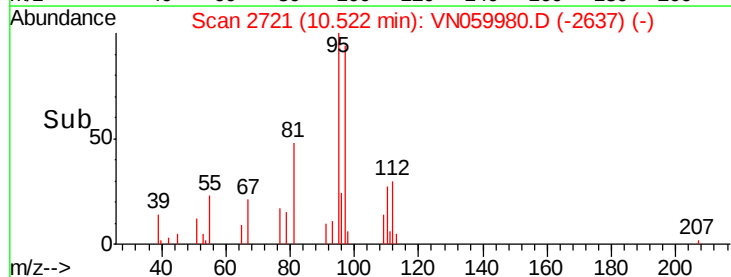
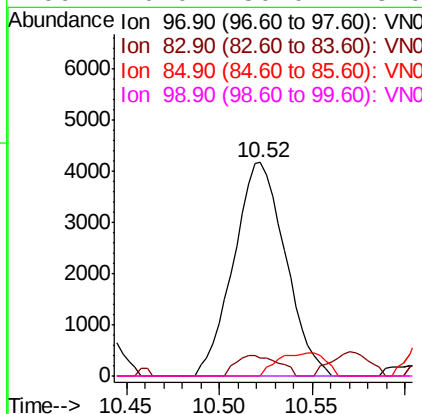
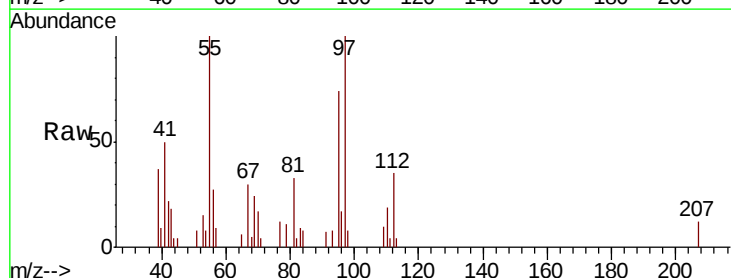
Instrument :
 MSVOA_N
 ClientSampled :

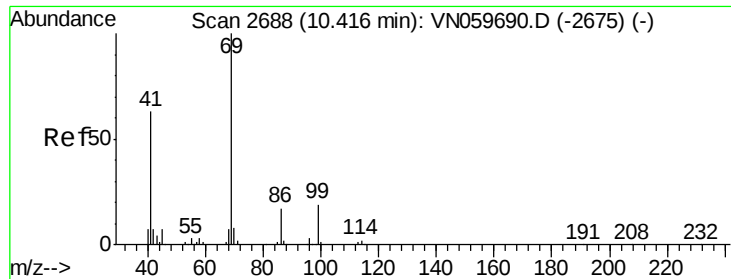
Tot Ion: 43 Resp: 1176
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.8 44.8#



#55
 1,1,2-Trichloroethane
 Concen: 3.755 ug/l
 RT: 10.52 min Scan# 2721
 Delta R.T. -0.03 min
 Lab File: VN059980.D
 Acq: 3 Feb 2020 17:19

Tgt Ion: 97 Resp: 8088
 Ion Ratio Lower Upper
 97 100
 83 8.7 71.3 106.9#
 85 0.0 45.8 68.8#
 99 0.0 50.0 75.0#





#56

Ethyl methacrylate

Concen: 0.383 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.01 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

Instrument :

MSVOA_N

ClientSampled :

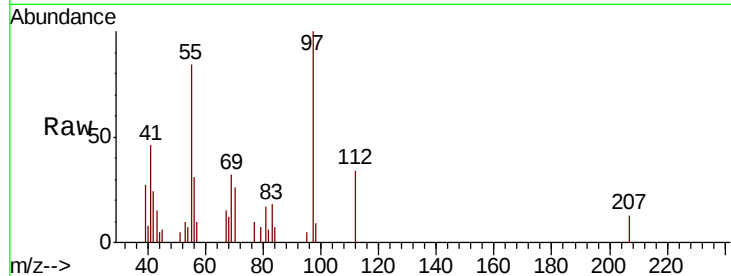
Tot Ion: 69 Resp: 1260

Ion Ratio Lower Upper

69 100

41 142.4 57.1 85.7#

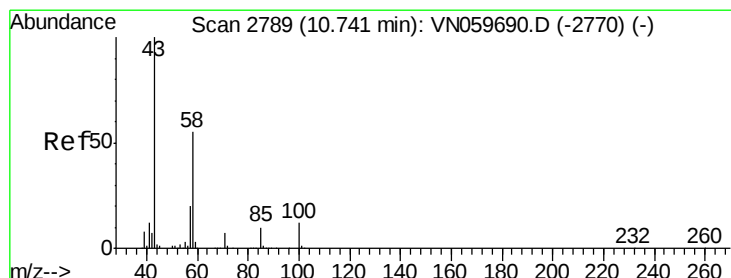
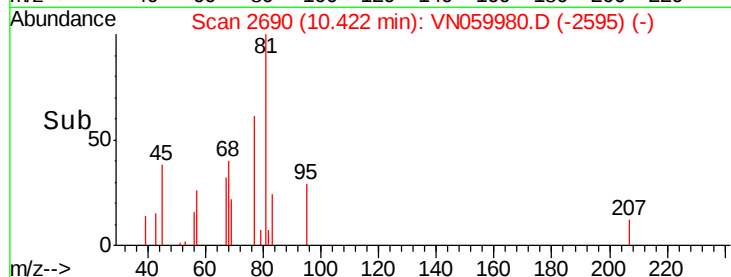
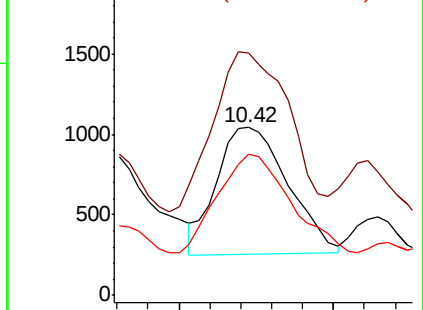
39 80.3 34.7 52.1#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 3.503 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.03 min

Lab File: VN059980.D

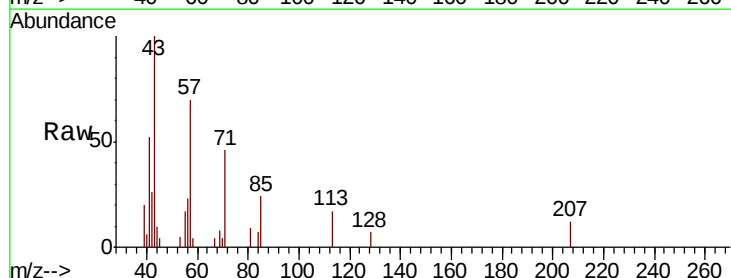
Acq: 3 Feb 2020 17:19

Tgt Ion: 43 Resp: 6948

Ion Ratio Lower Upper

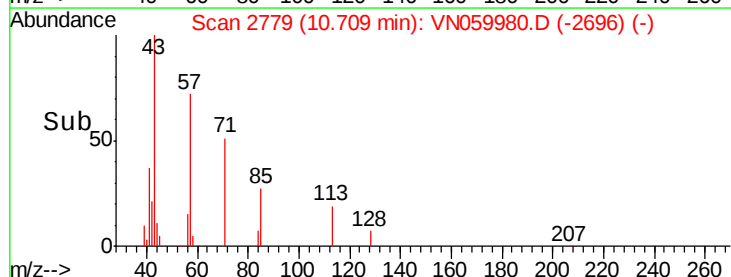
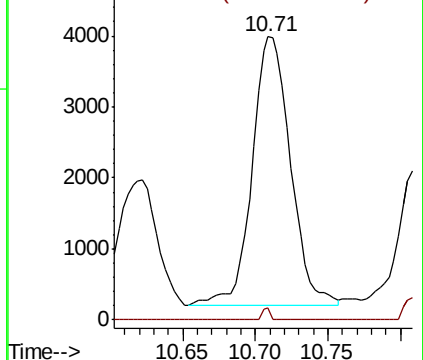
43 100

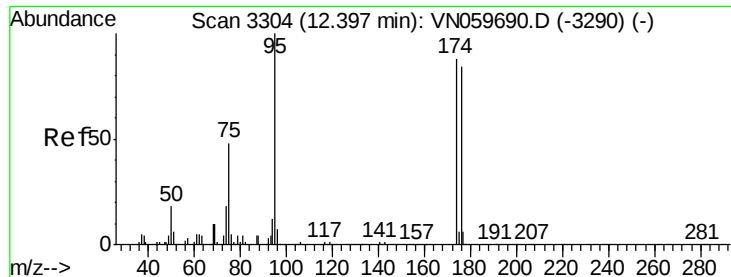
58 0.9 25.8 77.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

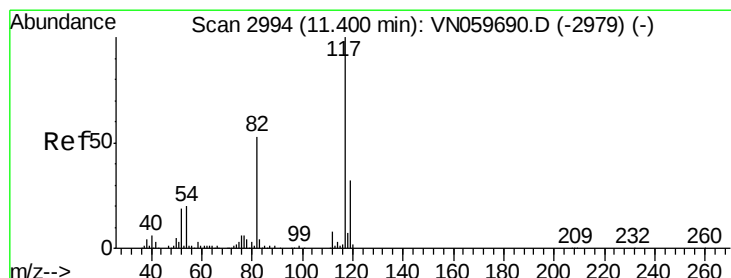
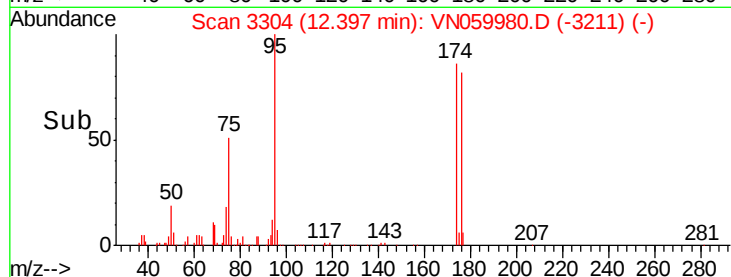
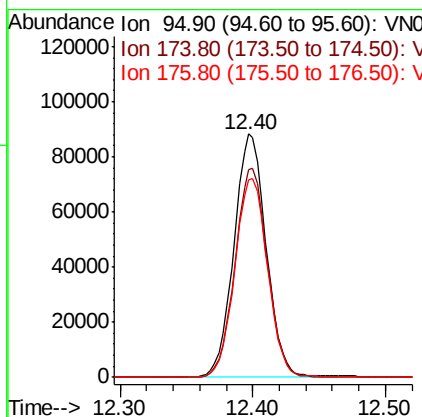
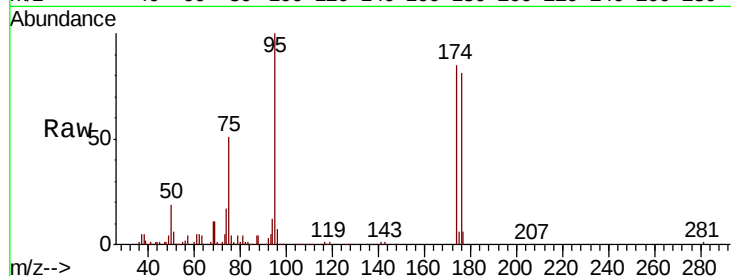




#62
4-Bromofluorobenzene
Concen: 53.434 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

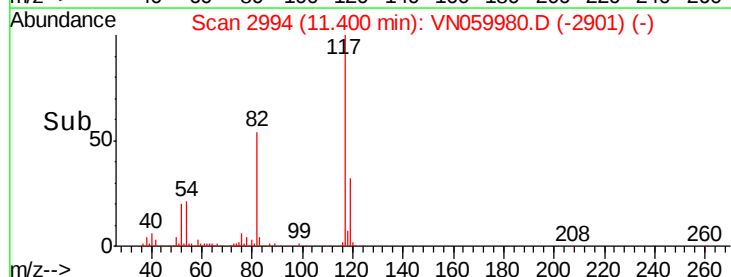
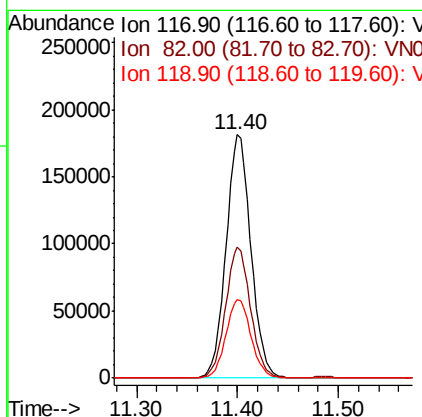
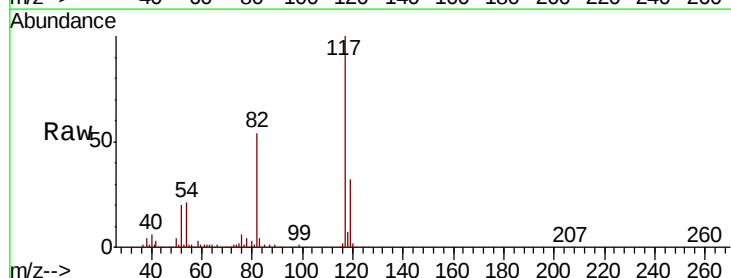
Instrument :
MSVOA_N
ClientSampleId :

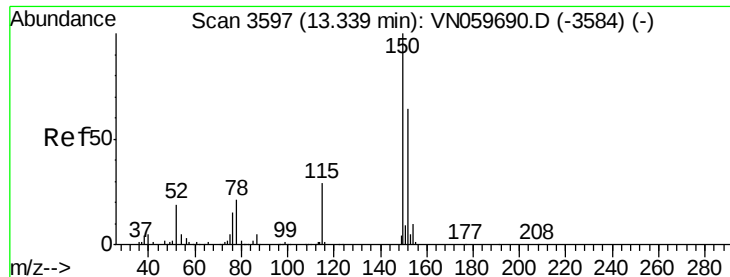
Tot Ion: 95 Resp: 147544
Ion Ratio Lower Upper
95 100
174 87.1 0.0 151.4
176 83.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Tgt Ion: 117 Resp: 312900
Ion Ratio Lower Upper
117 100
82 53.7 45.9 68.9
119 32.4 25.5 38.3



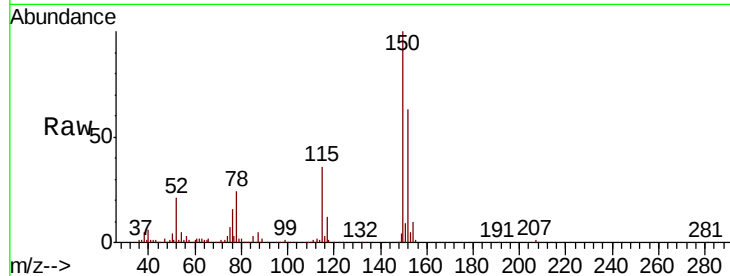


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	30.3	90.9
150	157.7	0.0	345.2

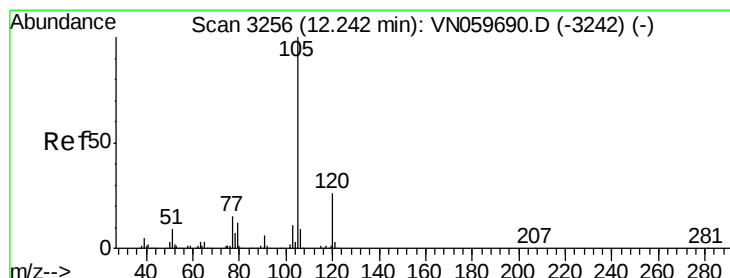
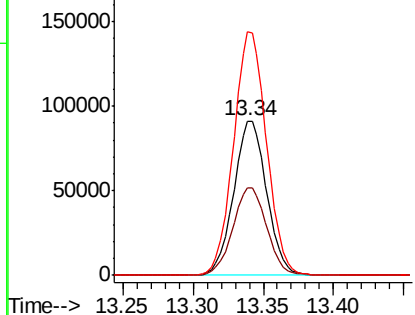
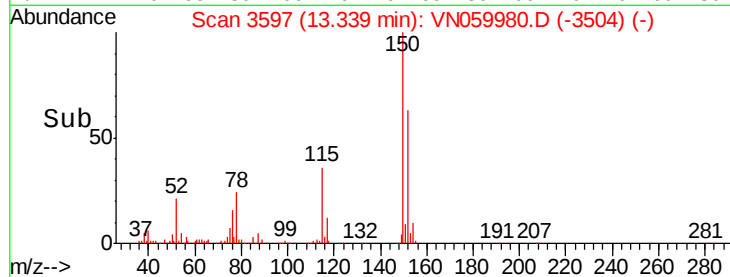


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

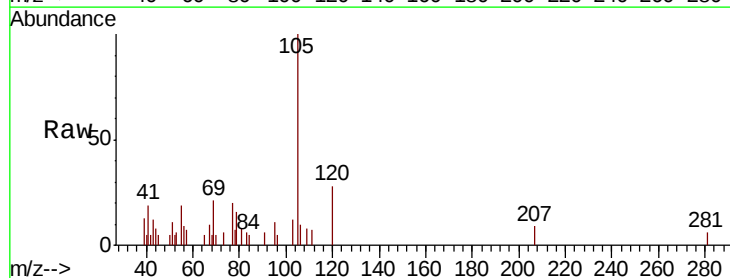
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 0.532 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

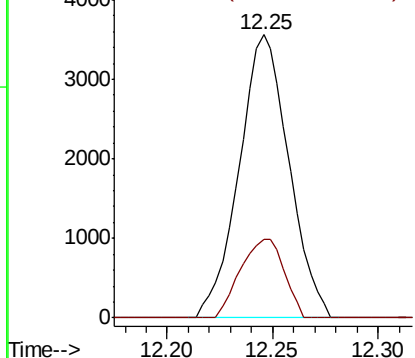
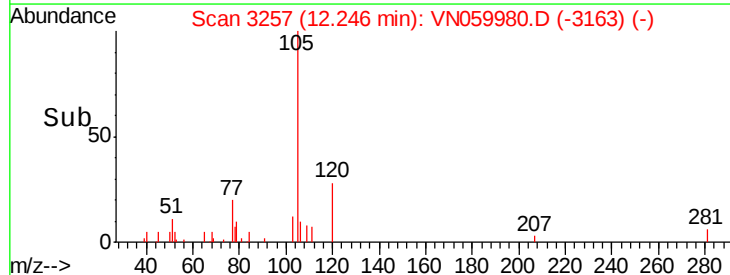
Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.4	13.2	39.5

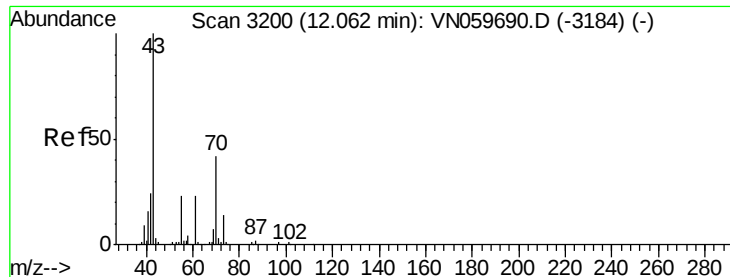


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 0.674 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.02 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2868

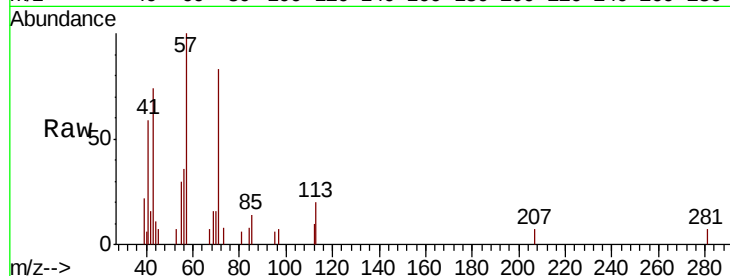
Ion Ratio Lower Upper

43 100

70 17.3 31.3 46.9#

55 17.9 19.8 29.6#

61 0.0 18.3 27.5#

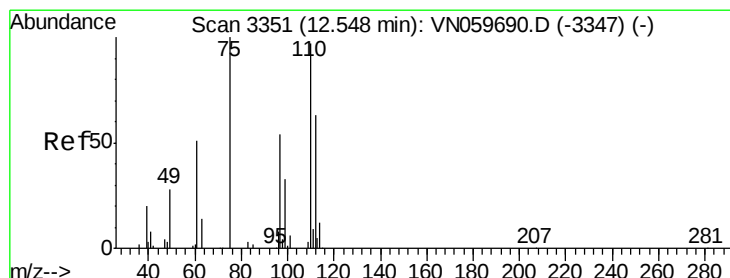
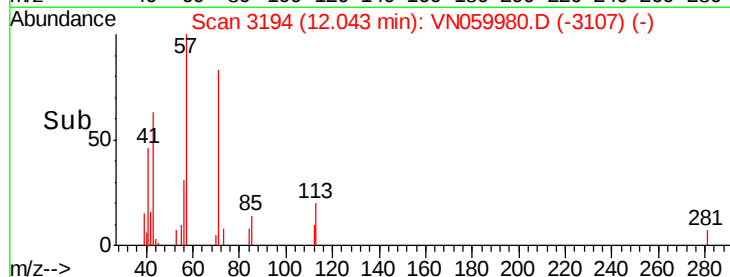
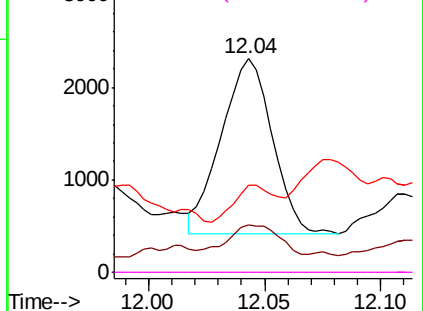


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 30.210 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059980.D

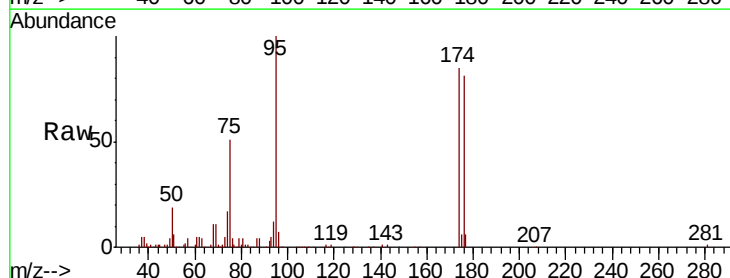
Acq: 3 Feb 2020 17:19

Tgt Ion: 75 Resp: 76001

Ion Ratio Lower Upper

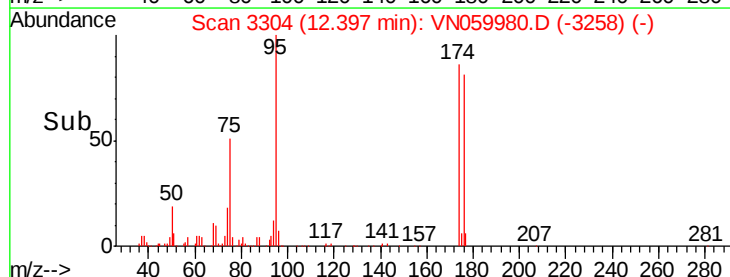
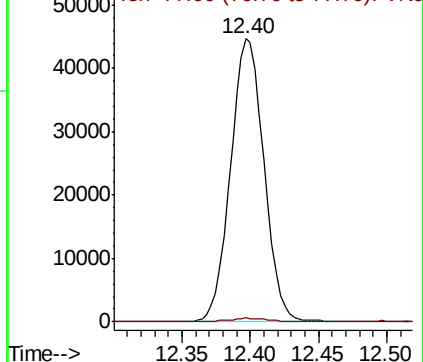
75 100

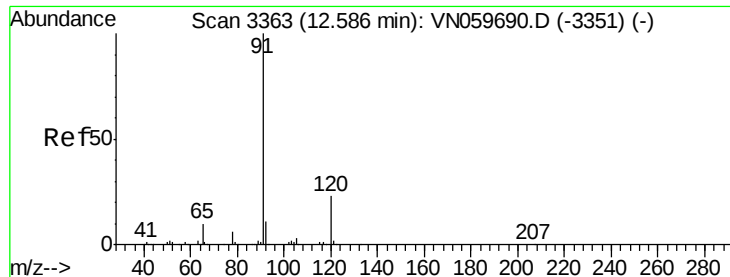
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 2.717 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

Instrument :

MSVOA_N

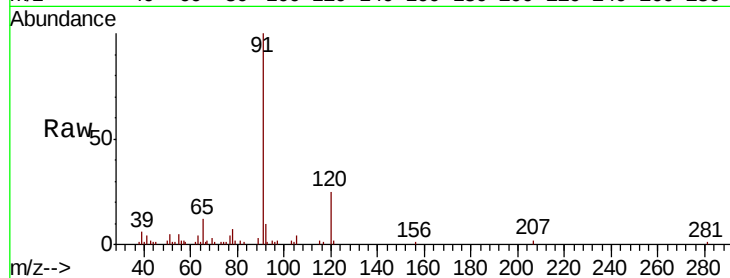
ClientSampled :

Tot Ion: 91 Resp: 33428

Ion Ratio Lower Upper

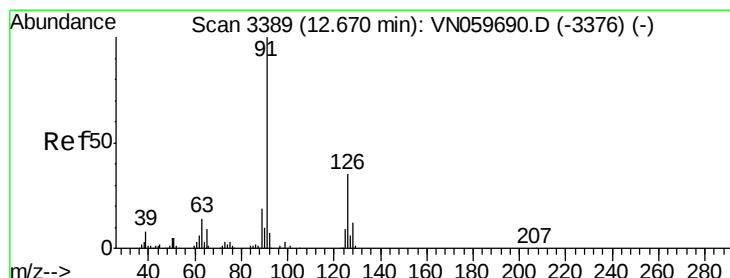
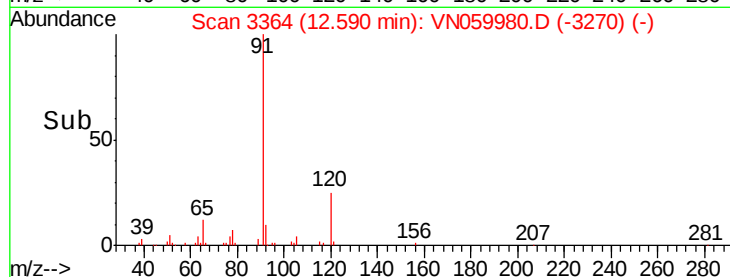
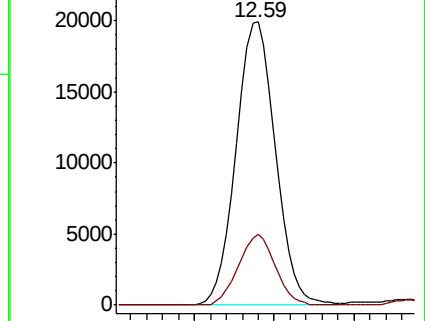
91 100

120 23.1 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: 4.566 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN059980.D

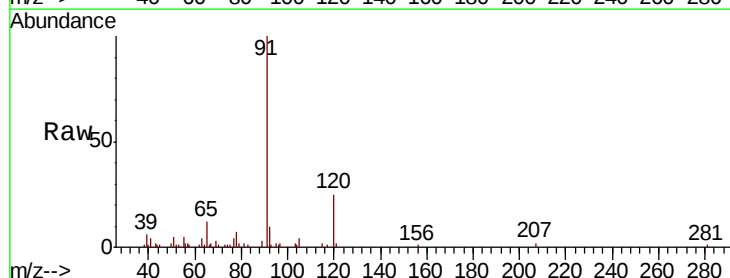
Acq: 3 Feb 2020 17:19

Tgt Ion: 91 Resp: 33428

Ion Ratio Lower Upper

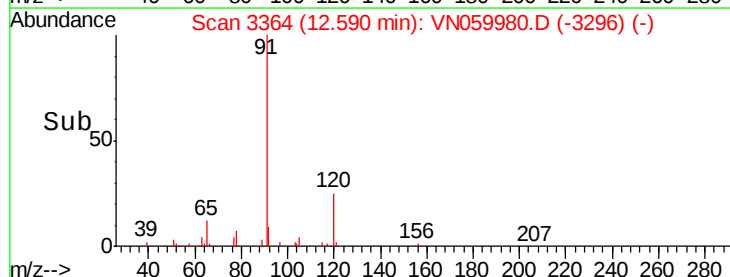
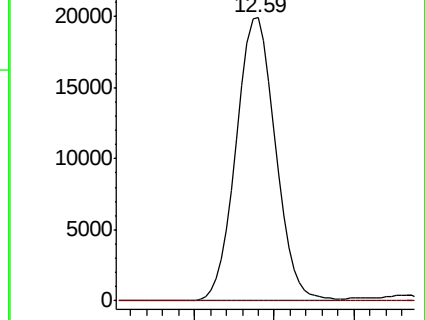
91 100

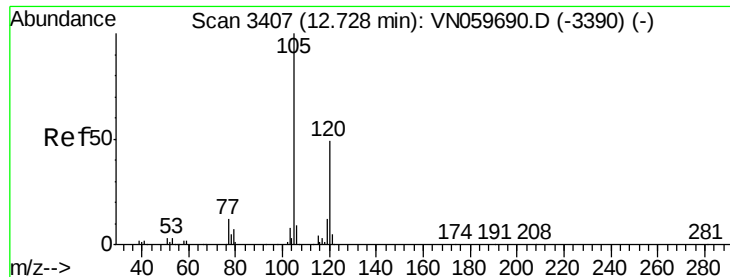
126 0.0 16.3 48.9#



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: 0.257 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.04 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

Instrument :

MSVOA_N

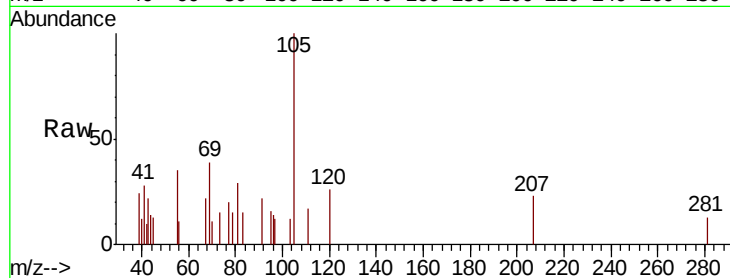
ClientSampleId :

Tot Ion:105 Resp: 2373

Ion Ratio Lower Upper

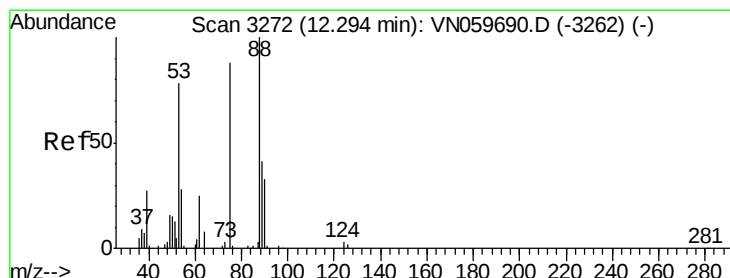
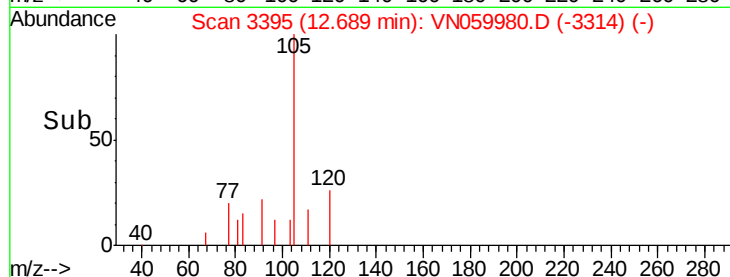
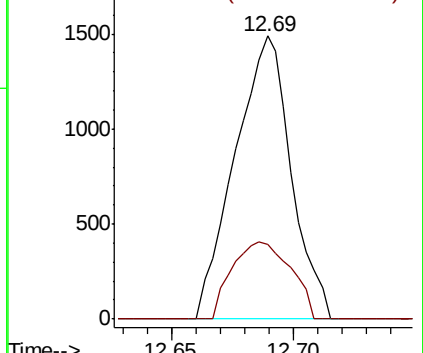
105 100

120 28.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 64.877 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

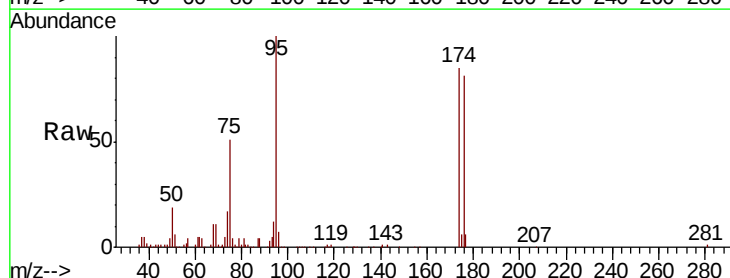
Tgt Ion: 75 Resp: 76001

Ion Ratio Lower Upper

75 100

53 0.4 78.1 117.1#

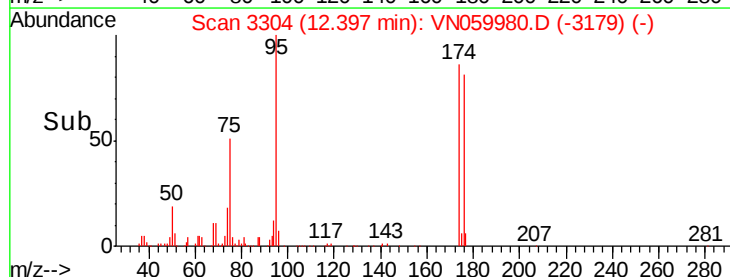
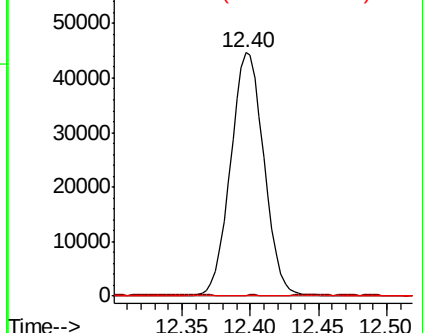
89 0.0 35.4 53.2#

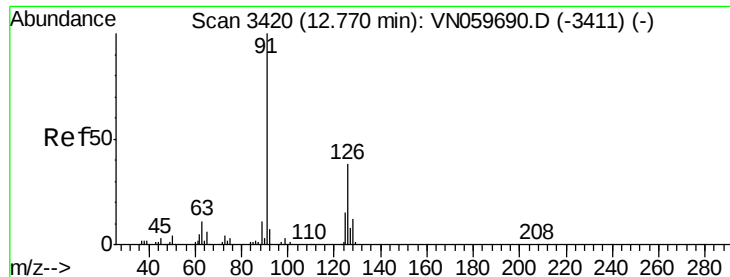


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 4.553 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.18 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

Instrument :

MSVOA_N

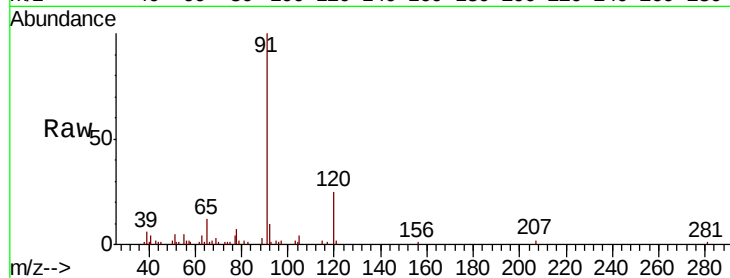
ClientSampled :

Tot Ion: 91 Resp: 33428

Ion Ratio Lower Upper

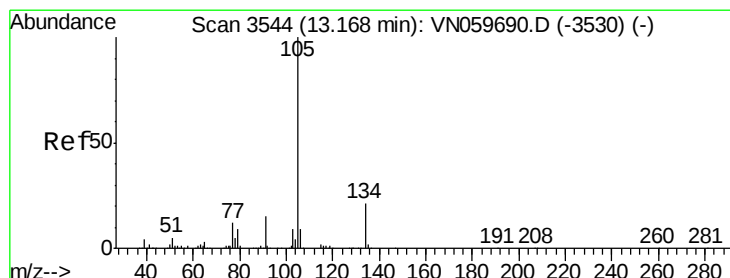
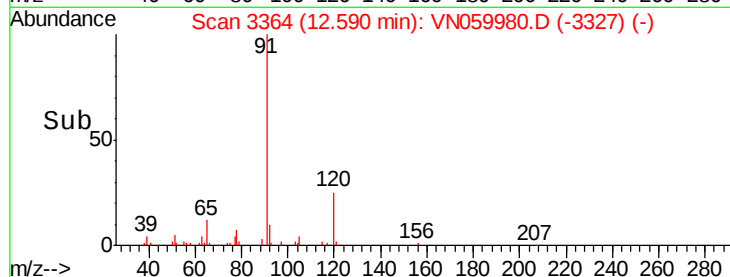
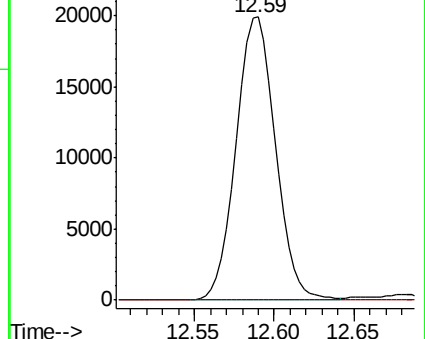
91 100

126 0.0 16.3 48.8#



Abundance Ion 91.00 (90.70 to 91.70): VN059980.D (-3364) (-)

Ion 125.90 (125.60 to 126.60): VN059980.D (-3364) (-)



#85

sec-Butylbenzene

Concen: 0.465 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059980.D

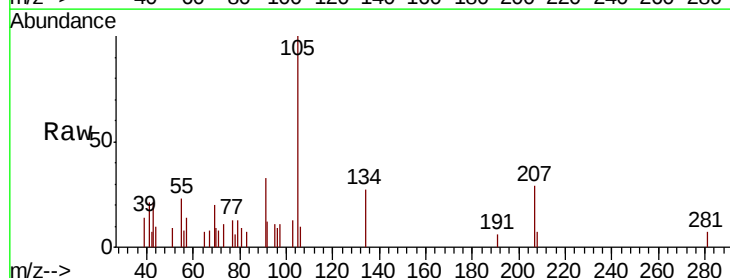
Acq: 3 Feb 2020 17:19

Tgt Ion:105 Resp: 4873

Ion Ratio Lower Upper

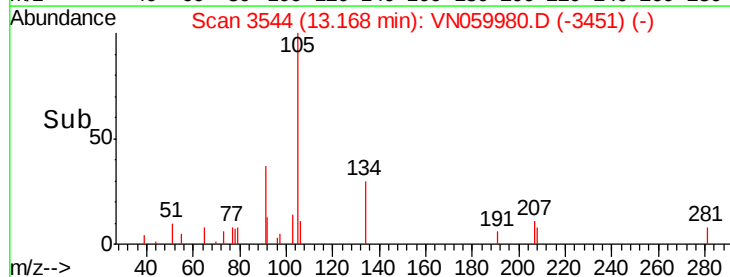
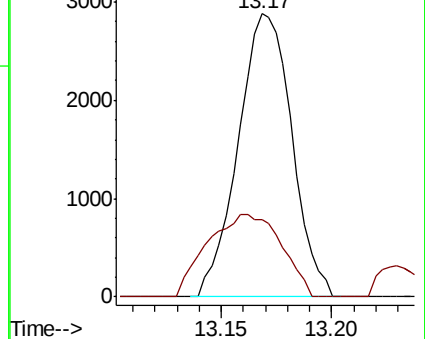
105 100

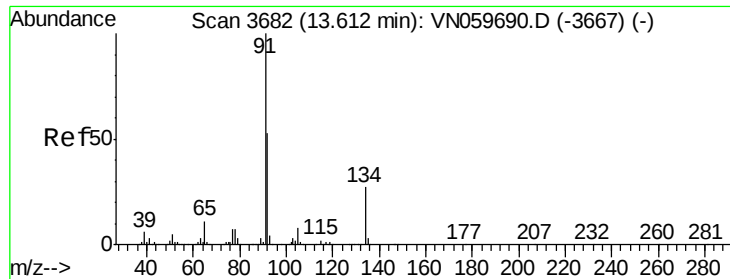
134 40.3 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): VN059980.D (-3544) (-)

Ion 134.00 (133.70 to 134.70): VN059980.D (-3544) (-)

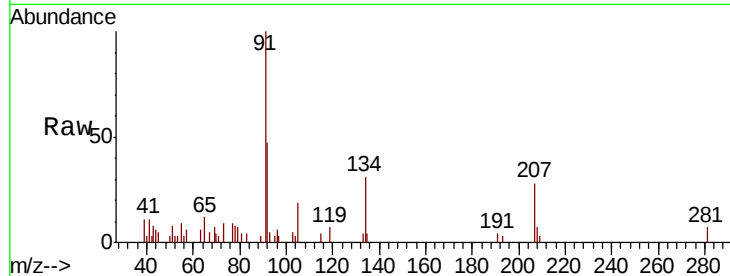




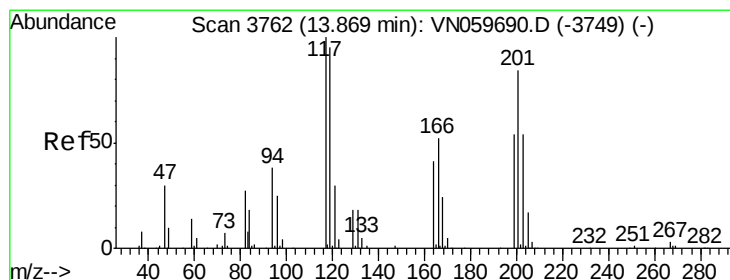
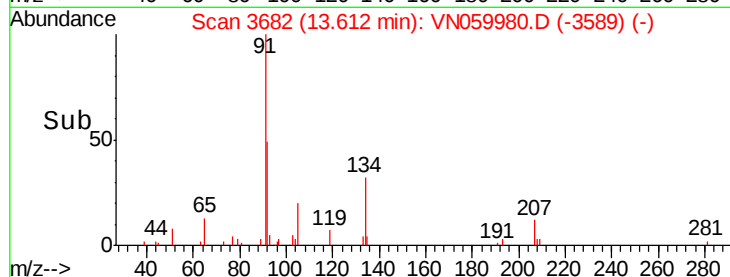
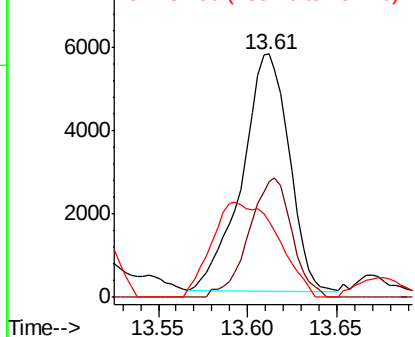
#89
n-Butylbenzene
Concen: 1.281 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 10585
Ion Ratio Lower Upper
91 100
92 45.5 25.9 77.7
134 0.0 12.3 36.8#

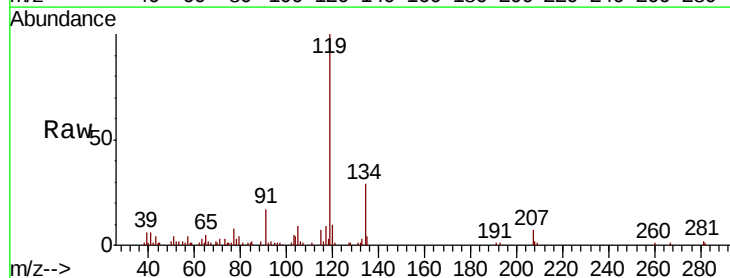


Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN059690.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN059690.D (-3667) (-)

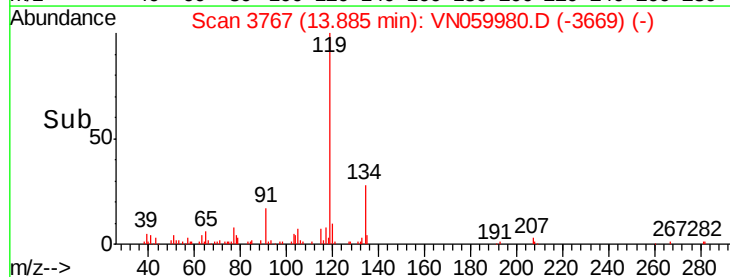
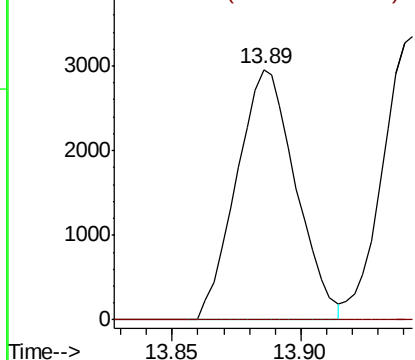


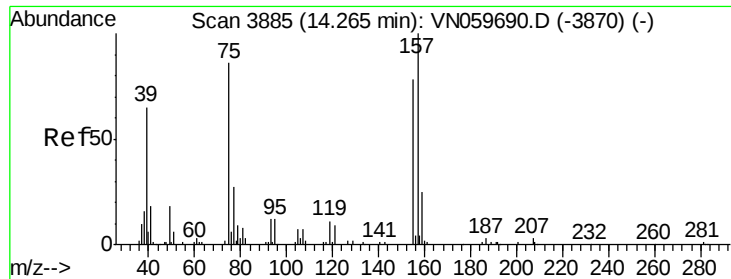
#90
Hexachloroethane
Concen: 2.608 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.02 min
Lab File: VN059980.D
Acq: 3 Feb 2020 17:19

Tgt Ion: 117 Resp: 4730
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.4#



Abundance Ion 116.80 (116.50 to 117.50): VN059690.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN059690.D (-3749) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3887

Delta R.T. 0.01 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

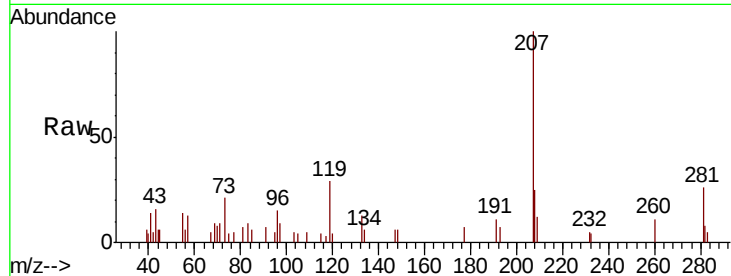
Tot Ion: 75 Resp: 98

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

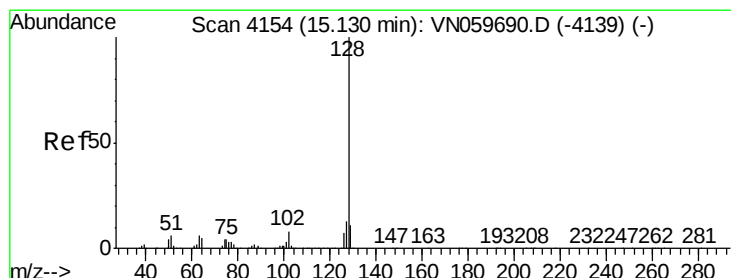
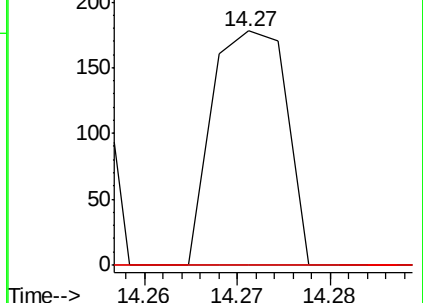
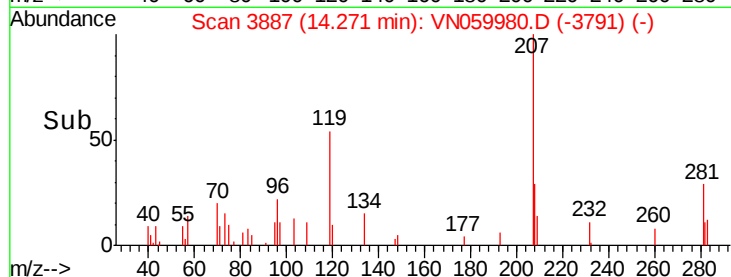
157 0.0 48.4 145.2#



Abundance Ion 74.90 (74.60 to 75.60): VN059980.D (-3870) (-)

Ion 154.80 (154.50 to 155.50): VN059980.D (-3870) (-)

Ion 156.80 (156.50 to 157.50): VN059980.D (-3870) (-)



#95

Naphthalene

Concen: 0.607 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059980.D

Acq: 3 Feb 2020 17:19

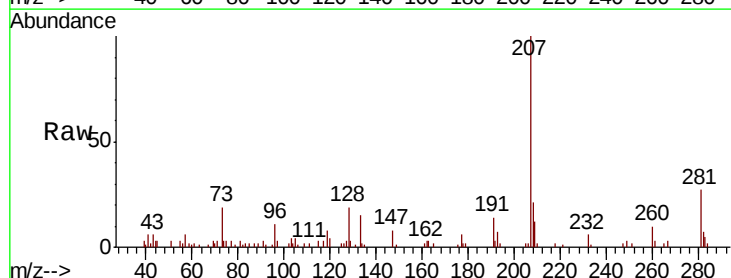
Tgt Ion: 128 Resp: 4947

Ion Ratio Lower Upper

128 100

127 16.5 10.4 15.6#

129 14.2 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VN059980.D (-4061) (-)

Ion 127.00 (126.70 to 127.70): VN059980.D (-4061) (-)

Ion 129.00 (128.70 to 129.70): VN059980.D (-4061) (-)

