

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058798.D
 Acq On : 16 Oct 2019 13:58
 Operator : JC/SP
 Sample : K5326-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-AQ-101019

Quant Time: Oct 17 01:32:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	381498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	594497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	518819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209478	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	266936	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
35) Dibromofluoromethane	7.57	113	192272	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
50) Toluene-d8	10.08	98	737654	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.40	95	239293	43.05	ug/l	0.00
Spiked Amount			Recovery	=	86.10%	

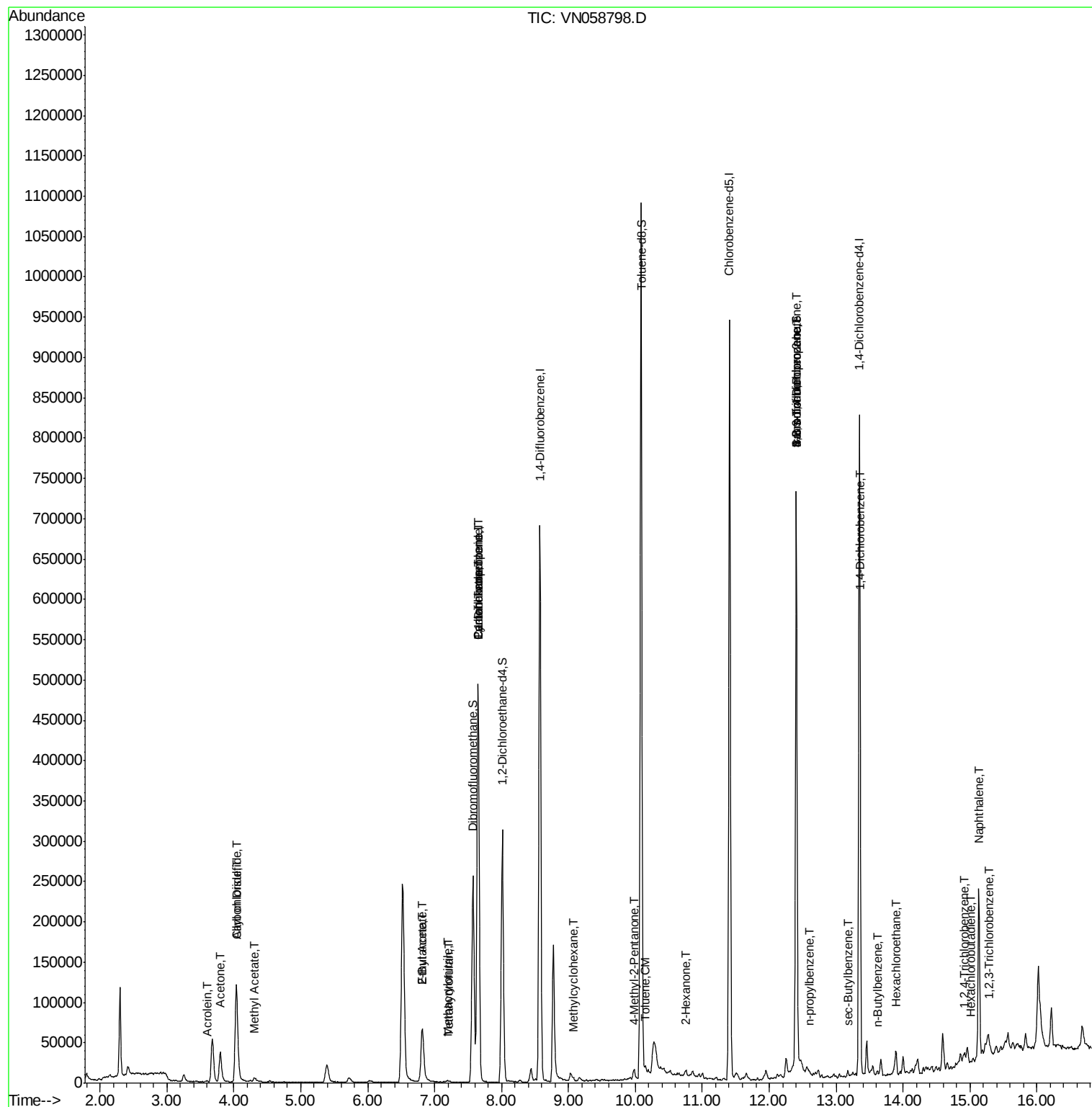
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	1078	1.550	ug/l	97
14) Allyl chloride	4.03	41	17502	2.367	ug/l	87
16) Acetone	3.80	43	60417	27.324	ug/l	99
17) Carbon Disulfide	4.03	76	6631	0.566	ug/l #	94
18) Methyl Acetate	4.31	43	6011	1.072	ug/l	99
25) 2-Butanone	6.81	43	113485	35.509	ug/l	99
29) Tetrahydrofuran	7.21	42	1572	0.761	ug/l #	52
31) Cyclohexane	7.65	56	9401	1.200	ug/l #	14
36) 1,1-Dichloropropene	7.65	75	33251	5.532	ug/l #	51
37) Ethyl Acetate	6.81	43	113485	18.669	ug/l #	70
38) Carbon Tetrachloride	7.65	117	38758	6.616	ug/l #	17
39) Methylcyclohexane	9.08	83	1856	0.266	ug/l	93
41) Methacrylonitrile	7.19	41	760	0.267	ug/l #	7
51) 4-Methyl-2-Pentanone	9.98	43	9095	1.564	ug/l	98
52) Toluene	10.15	92	3817	0.362	ug/l	96
59) 2-Hexanone	10.75	43	6106	1.359	ug/l	86
71) Bromoform	12.40	173	1486	0.520	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	130379	28.371	ug/l #	100
78) n-propylbenzene	12.60	91	4033	0.228	ug/l	87
81) trans-1,4-Dichloro-2-buten	12.40	75	130379	75.998	ug/l #	11
85) sec-Butylbenzene	13.18	105	4826	0.330	ug/l	86
88) 1,4-Dichlorobenzene	13.37	146	1461	0.211	ug/l #	25
89) n-Butylbenzene	13.62	91	3559	0.290	ug/l #	84
90) Hexachloroethane	13.89	117	1099	0.462	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.92	180	2285	0.565	ug/l #	25
94) Hexachlorobutadiene	15.01	225	596	0.280	ug/l #	44
95) Naphthalene	15.13	128	171239	14.726	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	2787	0.706	ug/l #	55

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

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Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

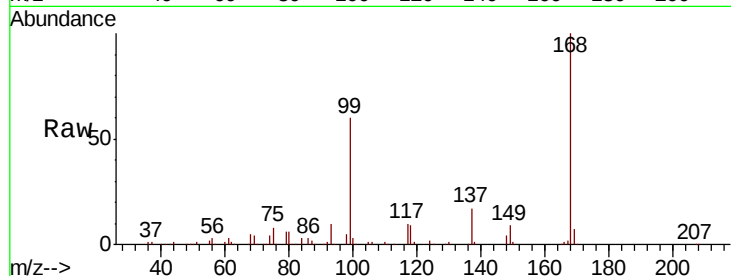
IDW-AQ-101019

Tot Ion:168 Resp: 381498

Ion Ratio Lower Upper

168 100

99 59.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

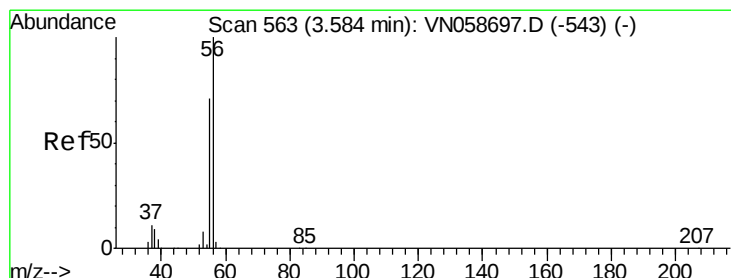
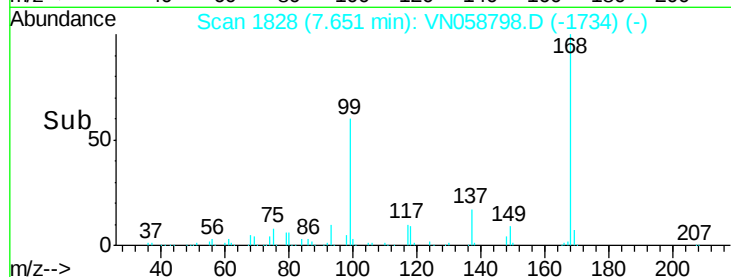
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 1.550 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.02 min

Lab File: VN058798.D

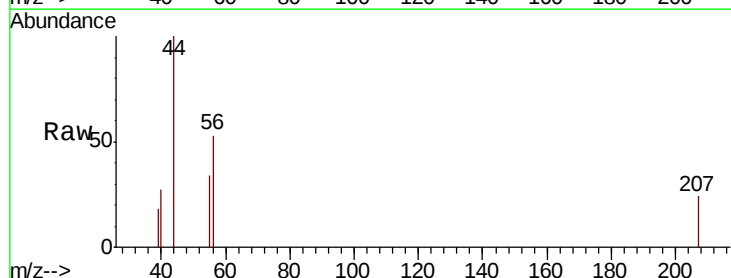
Acq: 16 Oct 2019 13:58

Tgt Ion: 56 Resp: 1078

Ion Ratio Lower Upper

56 100

55 73.6 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.60

600

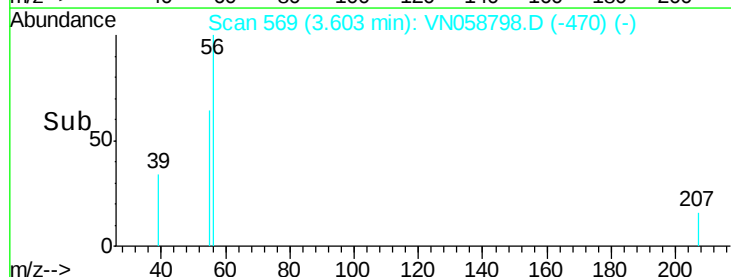
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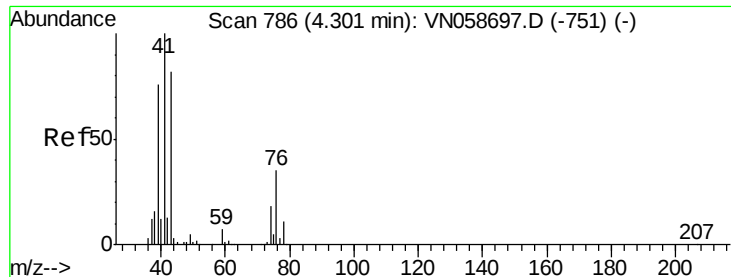
200

0

3.56 3.58 3.60 3.62 3.64

Time-->

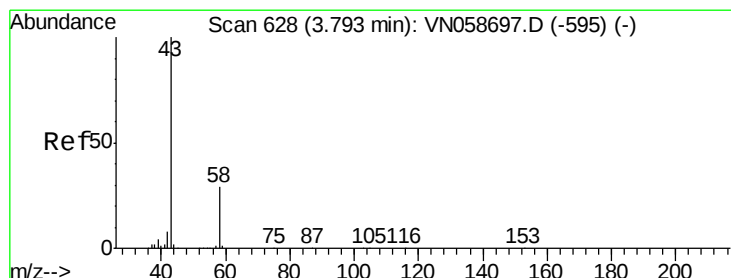
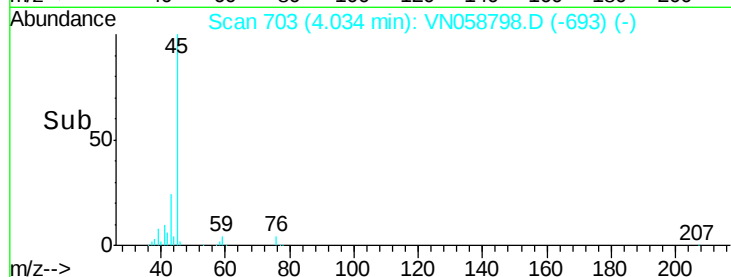
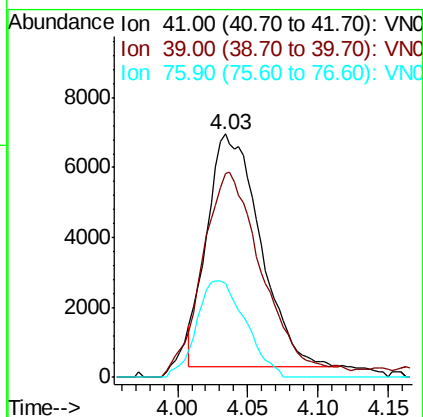
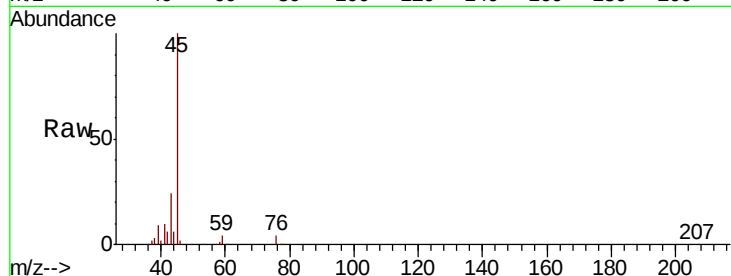




#14
Allvl chloride
Concen: 2.367 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.27 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

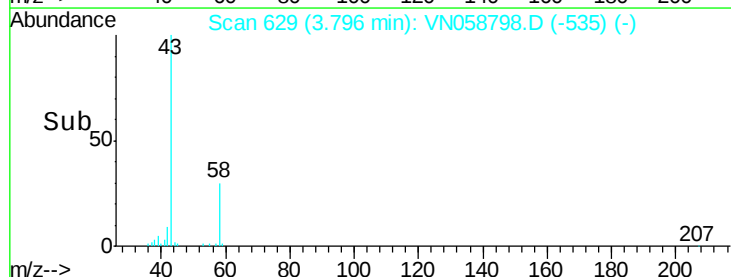
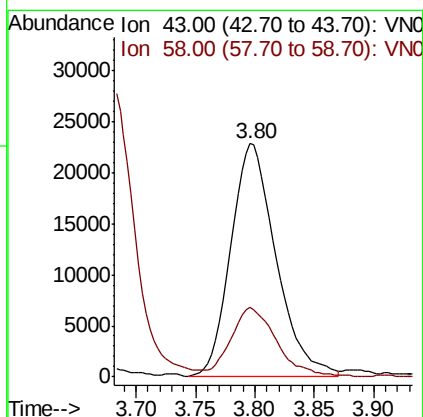
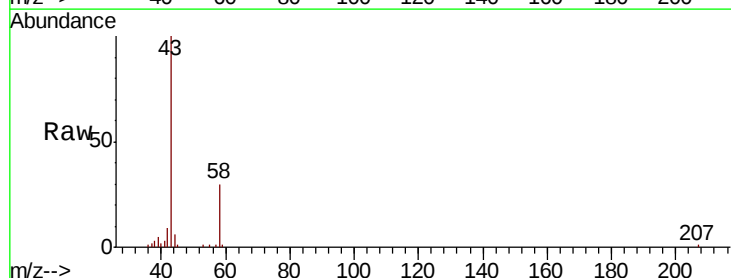
Instrument :
MSVOA_N
ClientSampleId :
IDW-AQ-101019

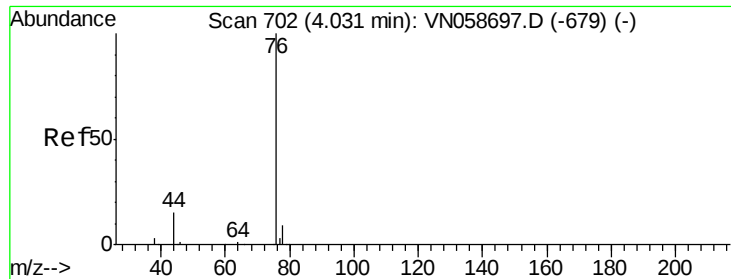
Tot Ion: 41 Resp: 17502
Ion Ratio Lower Upper
41 100
39 83.8 57.2 85.8
76 35.6 25.0 37.6



#16
Acetone
Concen: 27.324 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 43 Resp: 60417
Ion Ratio Lower Upper
43 100
58 28.7 23.3 34.9





#17

Carbon Disulfide

Concen: 0.566 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

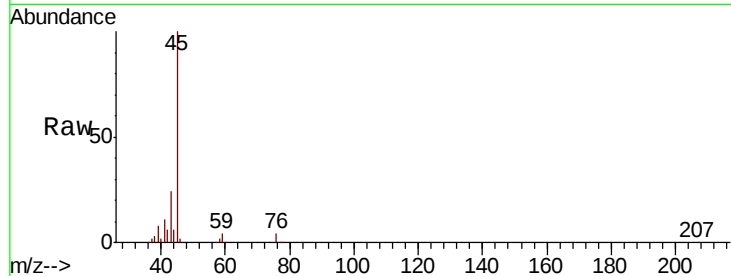
IDW-AQ-101019

Tot Ion: 76 Resp: 6631

Ion Ratio Lower Upper

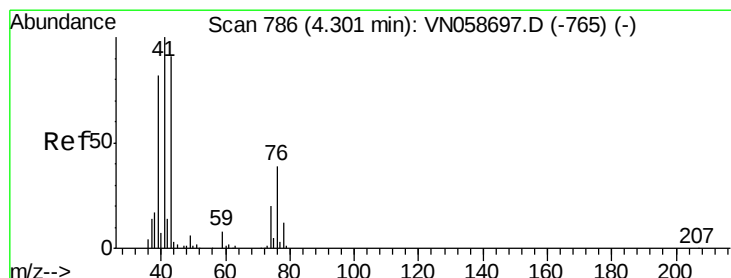
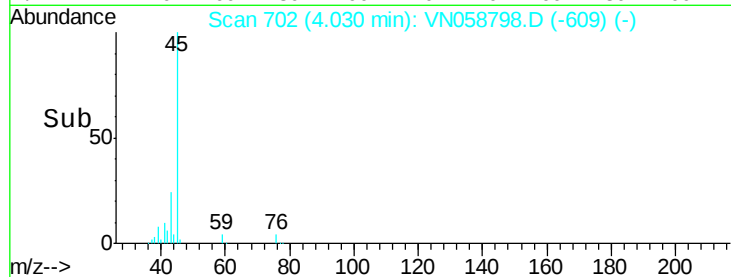
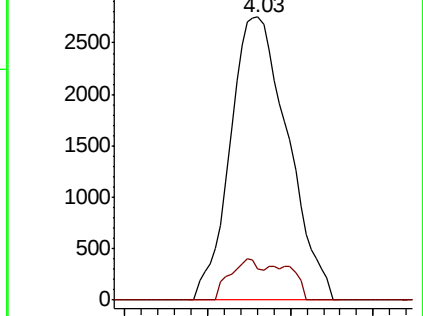
76 100

78 11.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.072 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN058798.D

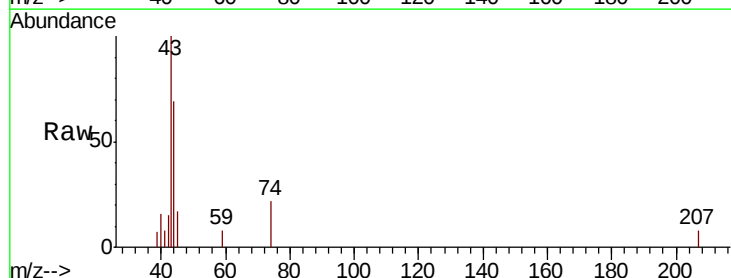
Acq: 16 Oct 2019 13:58

Tgt Ion: 43 Resp: 6011

Ion Ratio Lower Upper

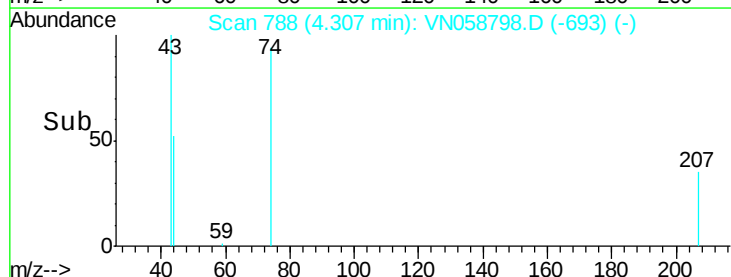
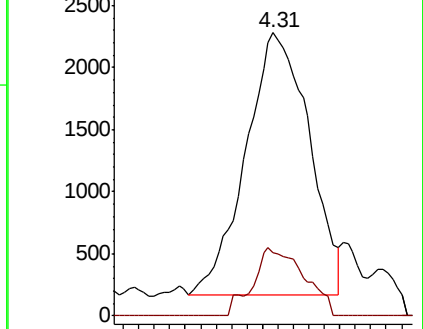
43 100

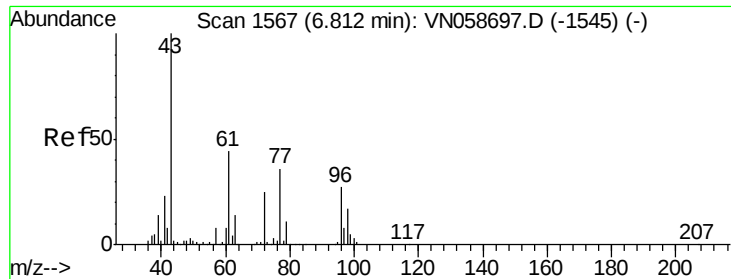
74 20.9 17.2 25.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

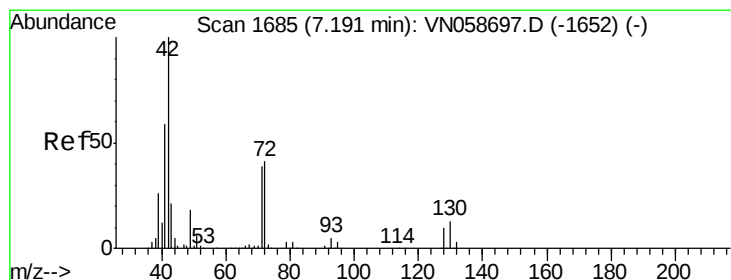
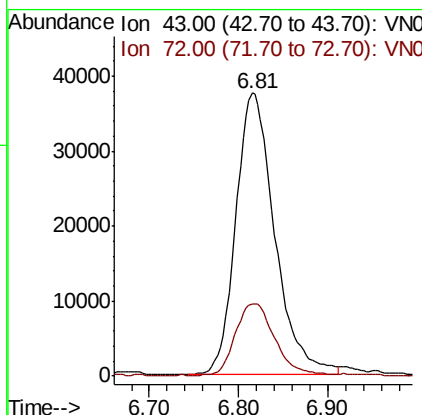
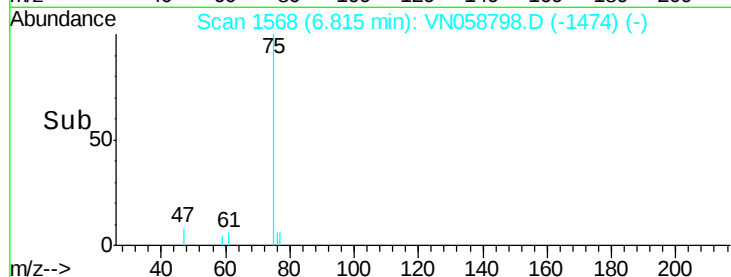
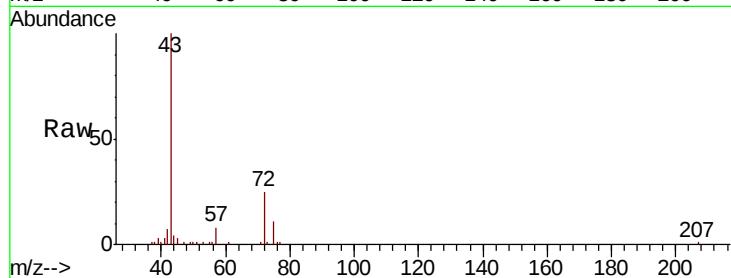




#25
2-Butanone
Concen: 35.509 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

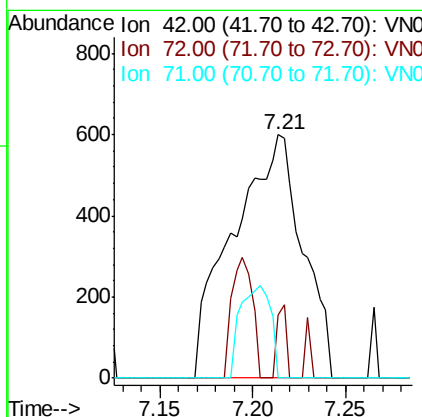
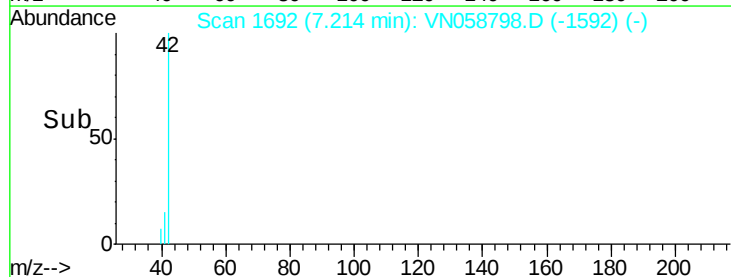
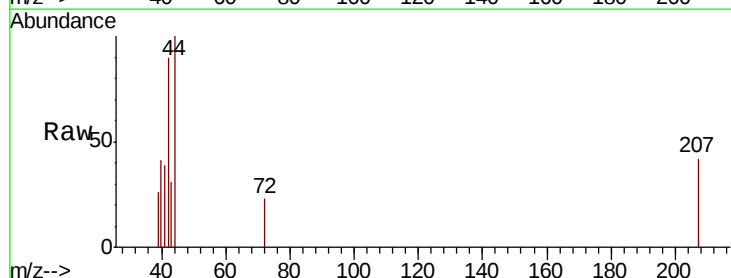
Instrument :
MSVOA_N
ClientSampleId :
IDW-AQ-101019

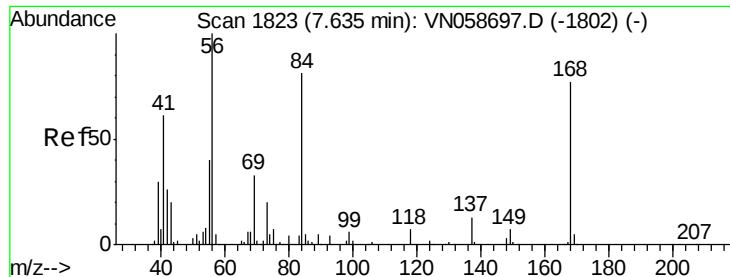
Tot Ion: 43 Resp: 113485
Ion Ratio Lower Upper
43 100
72 25.6 20.2 30.2



#29
Tetrahydrofuran
Concen: 0.761 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 42 Resp: 1572
Ion Ratio Lower Upper
42 100
72 4.1 32.8 49.2#
71 16.5 31.1 46.7#





#31

Cyclohexane

Concen: 1.200 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

IDW-AQ-101019

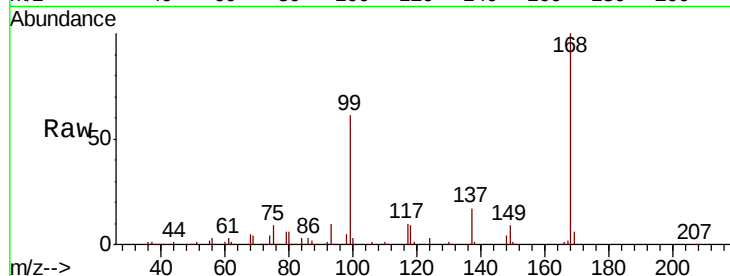
Tot Ion: 56 Resp: 9401

Ion Ratio Lower Upper

56 100

69 161.8 26.2 39.4#

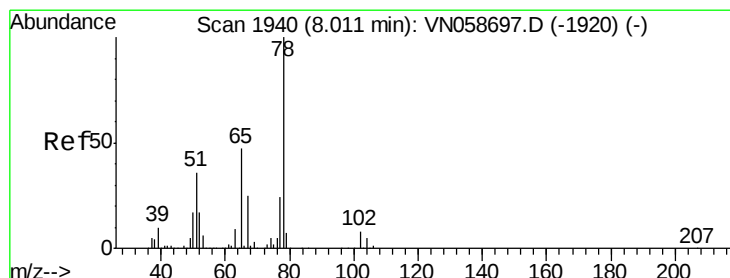
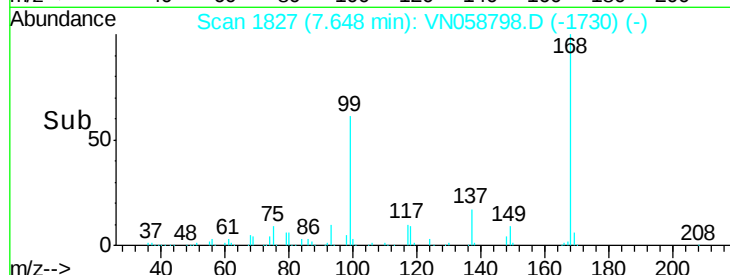
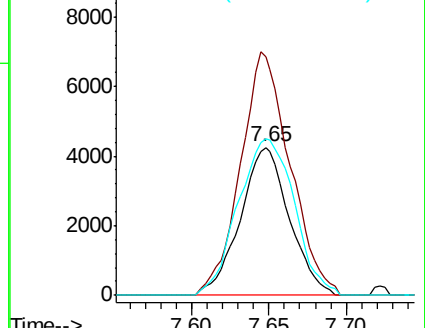
84 106.3 64.9 97.3#



Abundance Ion 56.00 (55.70 to 56.70): VN058798.D (-1802) (-)

Ion 69.00 (68.70 to 69.70): VN058798.D (-1802) (-)

Ion 84.00 (83.70 to 84.70): VN058798.D (-1802) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.979 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058798.D

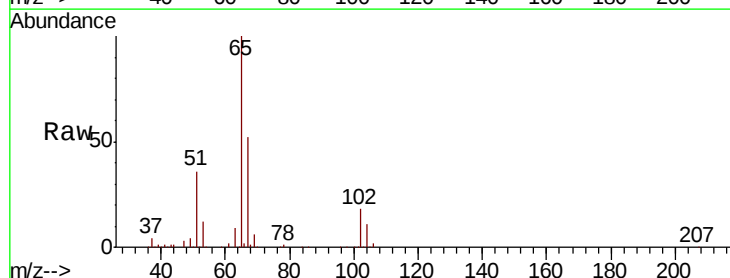
Acq: 16 Oct 2019 13:58

Tgt Ion: 65 Resp: 266936

Ion Ratio Lower Upper

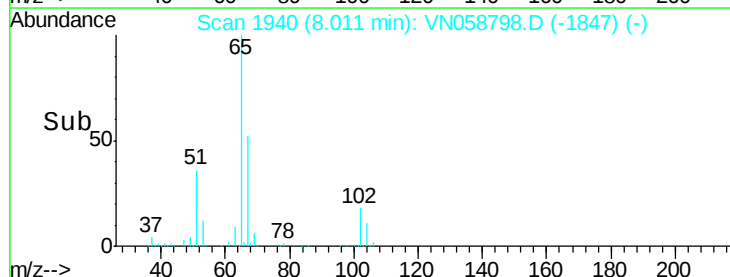
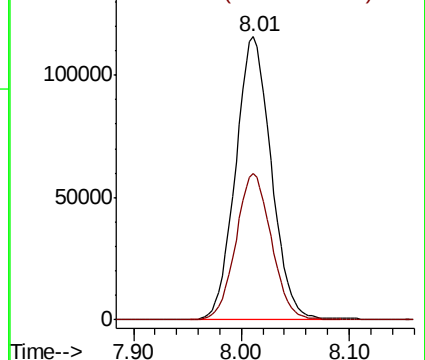
65 100

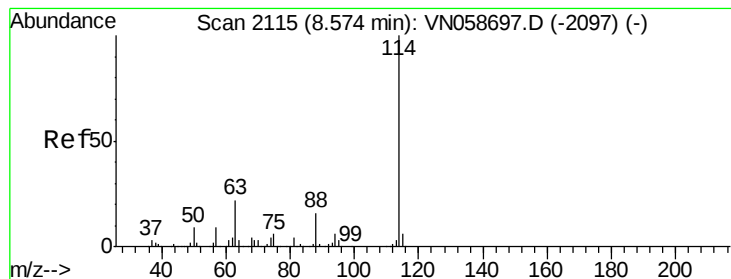
67 51.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN058798.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058798.D (-1847) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

IDW-AQ-101019

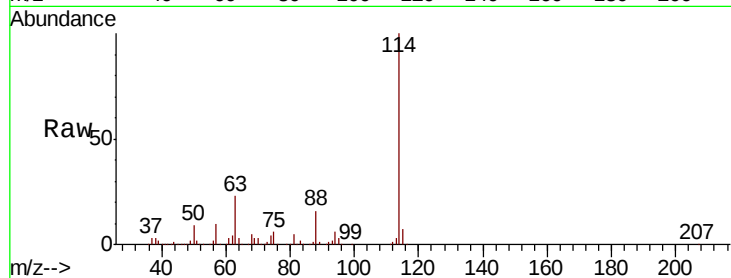
Tot Ion:114 Resp: 594497

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.8

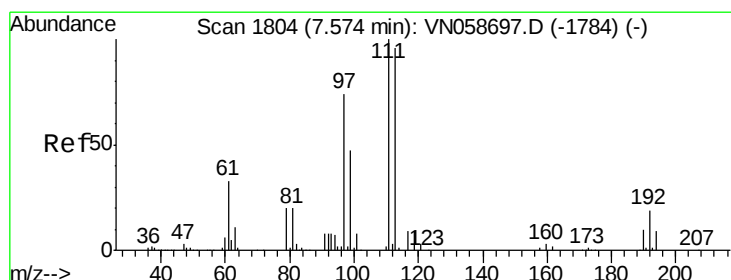
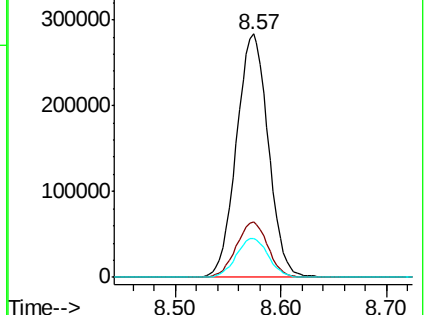
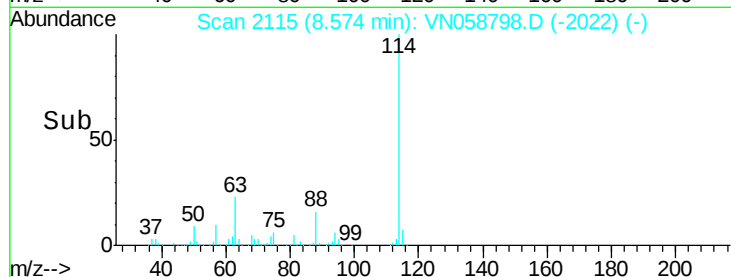
88 16.0 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 52.360 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

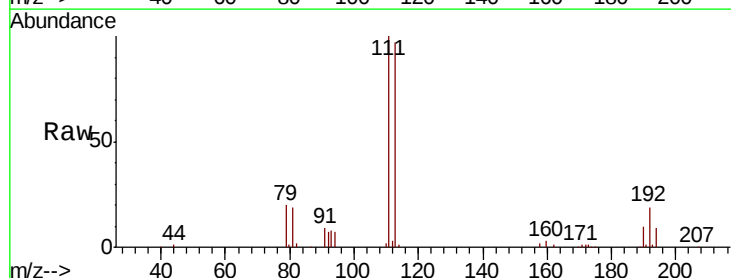
Tgt Ion:113 Resp: 192272

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

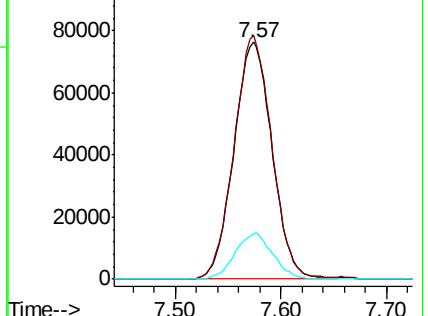
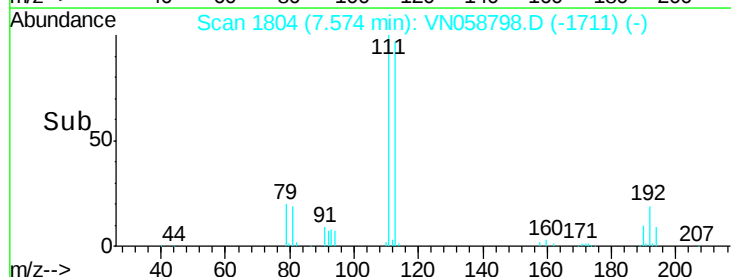
192 19.0 15.0 22.6

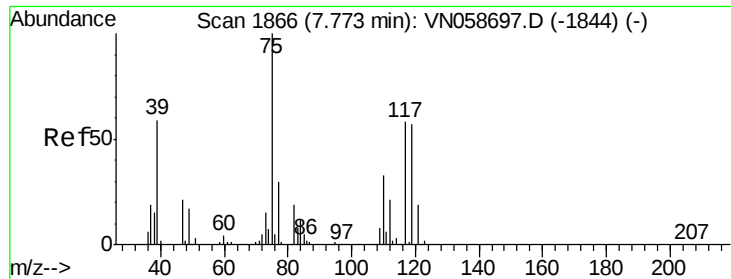


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

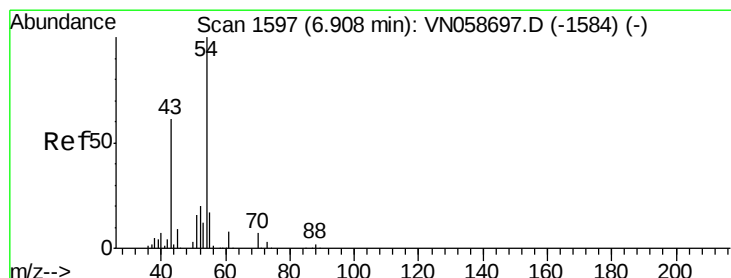
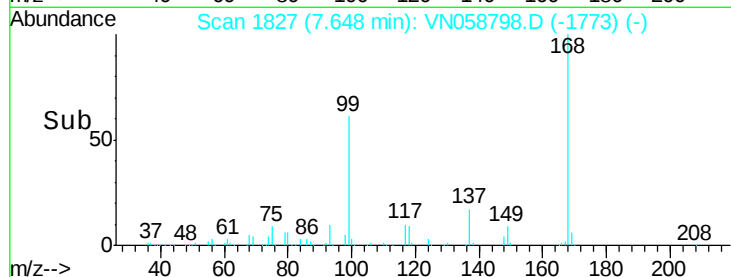
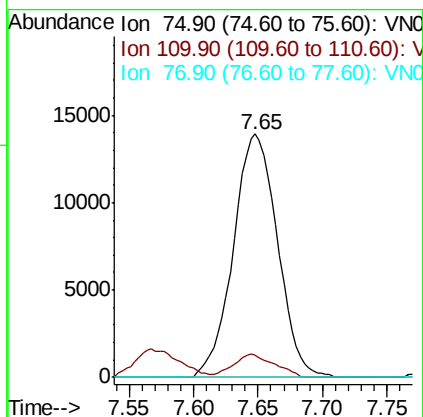
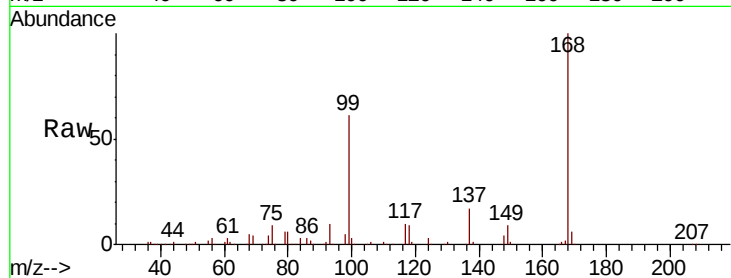




#36
 1,1-Dichloropropene
 Concen: 5.532 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058798.D
 Acq: 16 Oct 2019 13:58

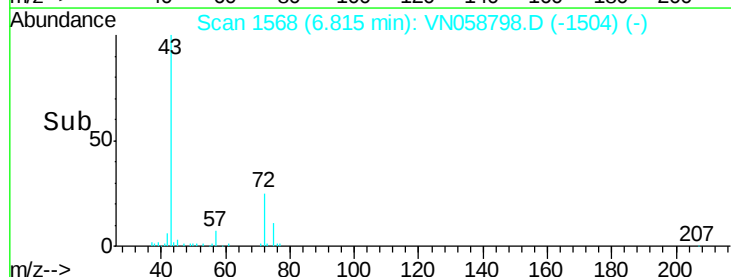
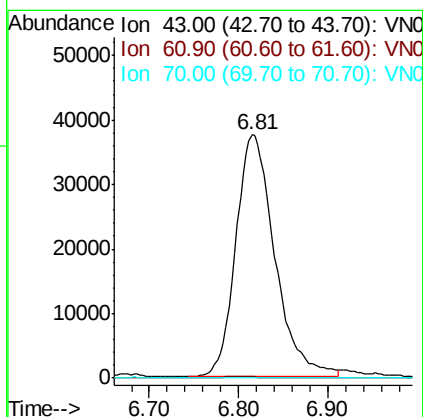
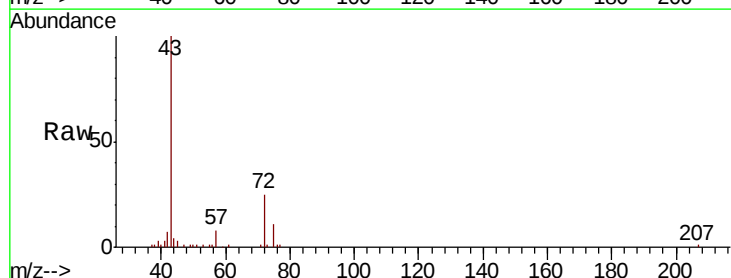
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-AQ-101019

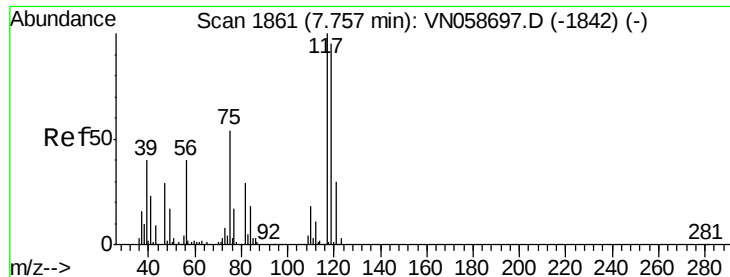
Tot Ion: 75 Resp: 33251
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.6 49.8#
 77 0.0 24.6 37.0#



#37
 Ethyl Acetate
 Concen: 18.669 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. -0.09 min
 Lab File: VN058798.D
 Acq: 16 Oct 2019 13:58

Tgt Ion: 43 Resp: 113485
 Ion Ratio Lower Upper
 43 100
 61 0.5 11.3 16.9#
 70 0.0 7.2 10.8#





#38

Carbon Tetrachloride

Concen: 6.616 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

IDW-AQ-101019

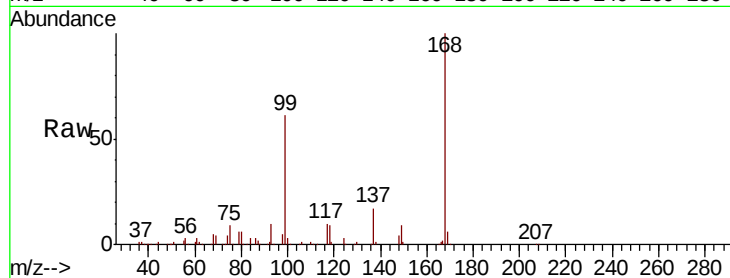
Tot Ion:117 Resp: 38758

Ion Ratio Lower Upper

117 100

119 5.7 75.7 113.5#

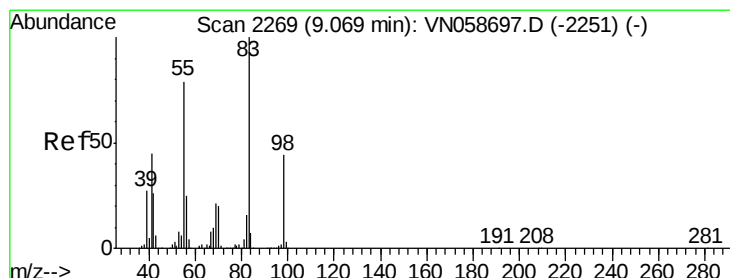
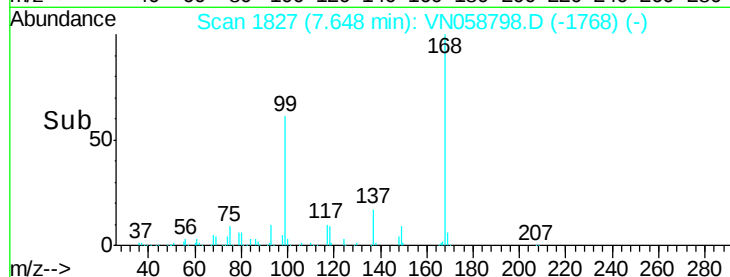
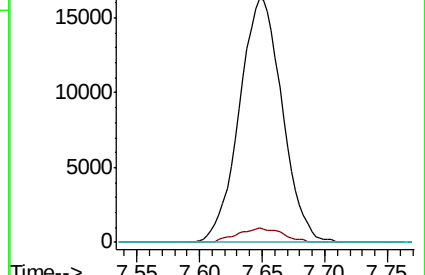
121 0.0 23.9 35.9#



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: 0.266 ug/l

RT: 9.08 min Scan# 2271

Delta R.T. 0.01 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

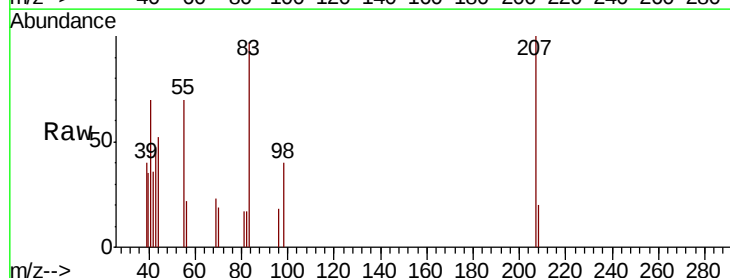
Tgt Ion: 83 Resp: 1856

Ion Ratio Lower Upper

83 100

55 72.0 63.4 95.0

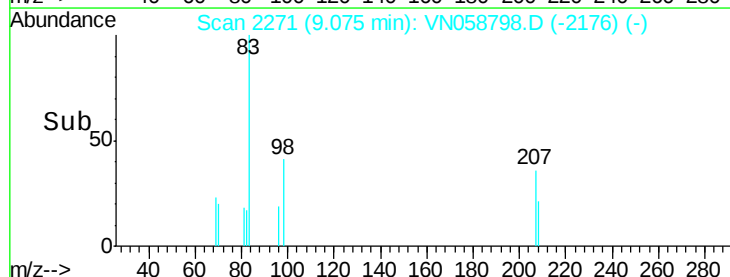
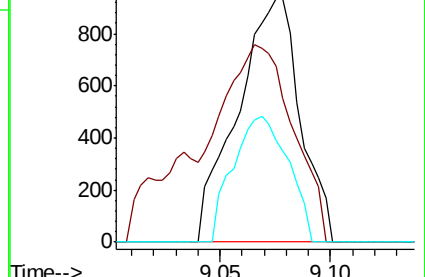
98 41.5 35.1 52.7

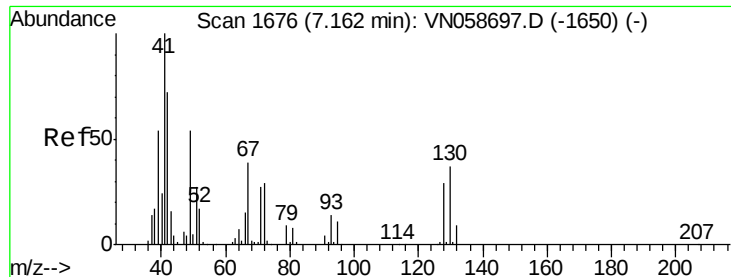


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

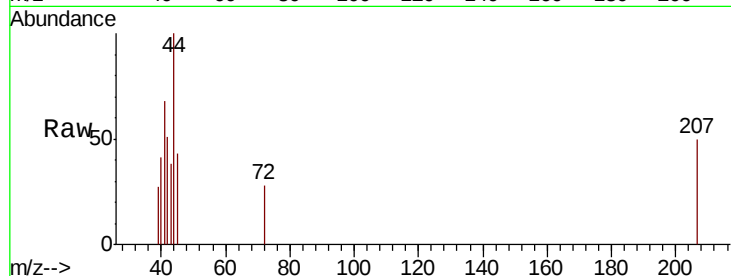




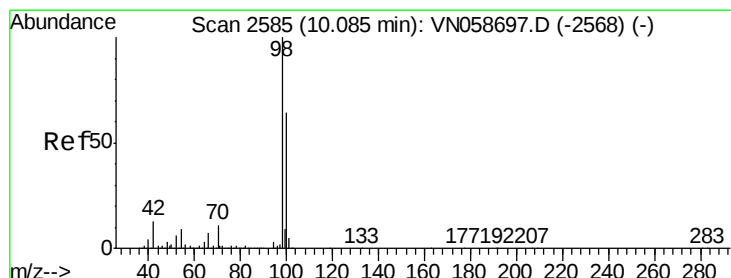
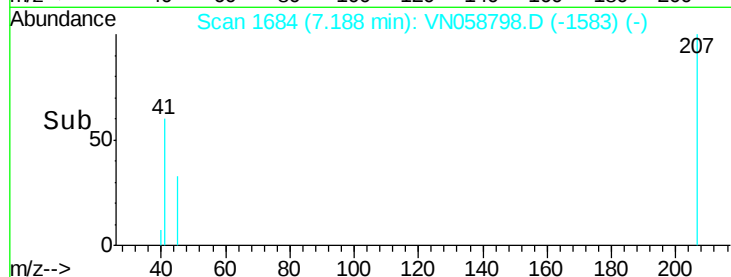
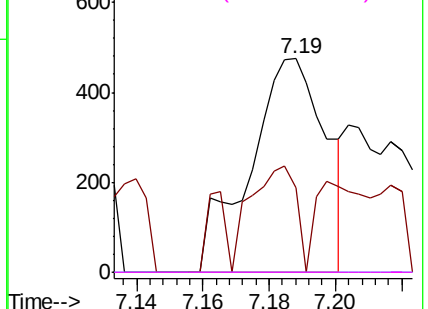
#41
Methacrylonitrile
Concen: 0.267 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :
IDW-AQ-101019

Tot Ion: 41 Resp: 760
Ion Ratio Lower Upper
41 100
39 29.6 115.4 173.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

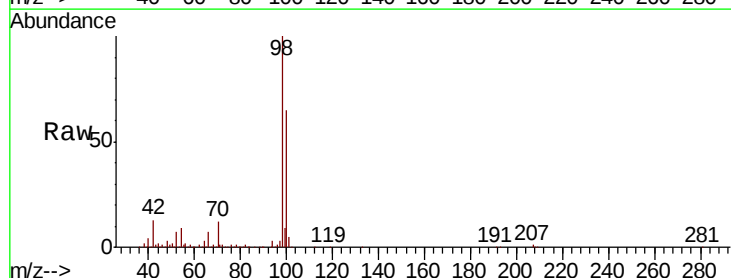


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

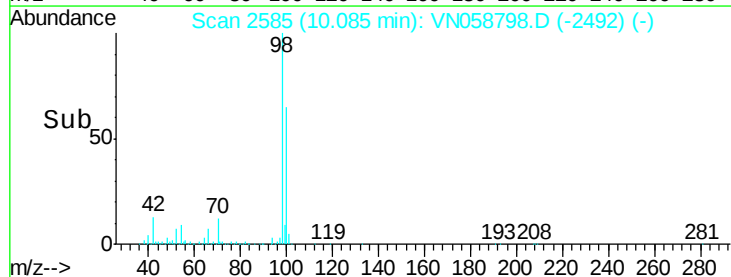
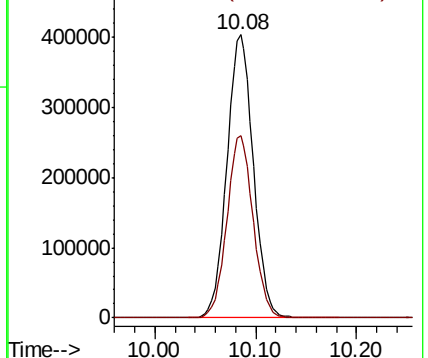


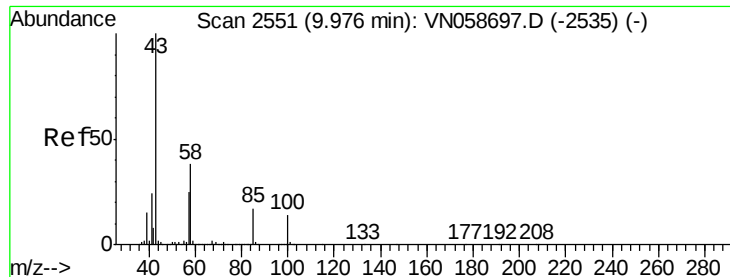
#50
Toluene-d8
Concen: 50.235 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 98 Resp: 737654
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



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: 1.564 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

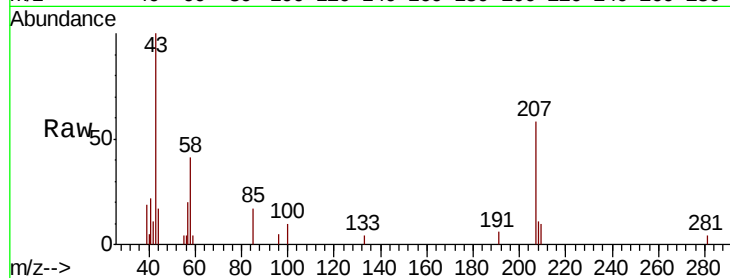
IDW-AQ-101019

Tot Ion: 43 Resp: 9095

Ion Ratio Lower Upper

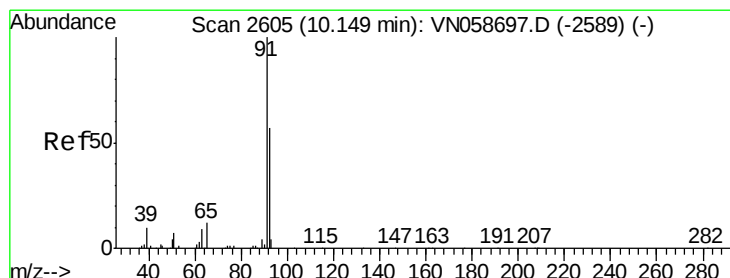
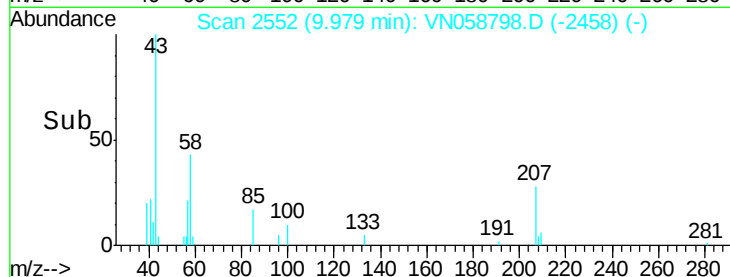
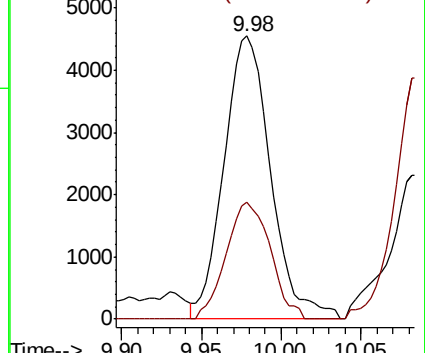
43 100

58 39.1 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN058697.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN058697.D (-2535) (-)



#52

Toluene

Concen: 0.362 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058798.D

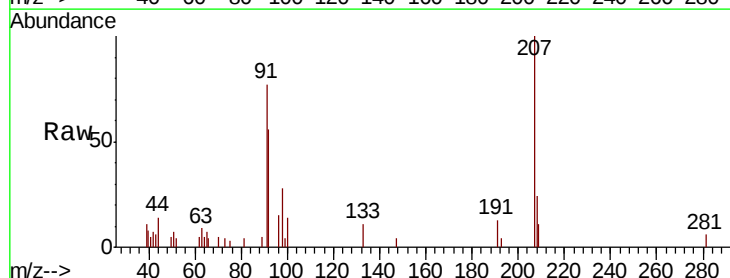
Acq: 16 Oct 2019 13:58

Tgt Ion: 92 Resp: 3817

Ion Ratio Lower Upper

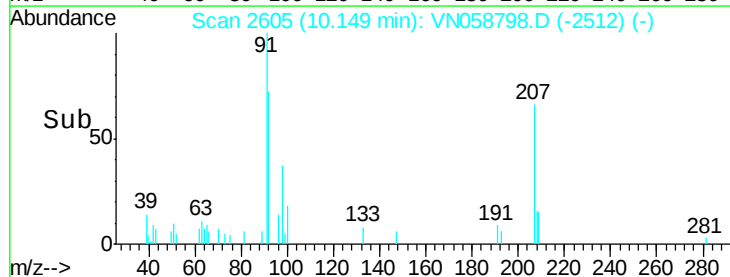
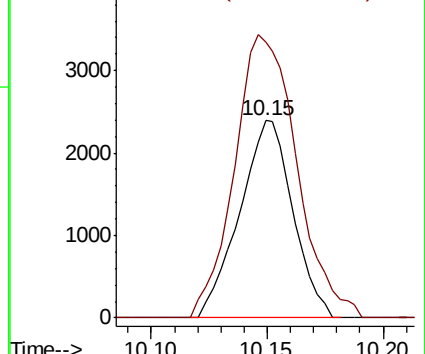
92 100

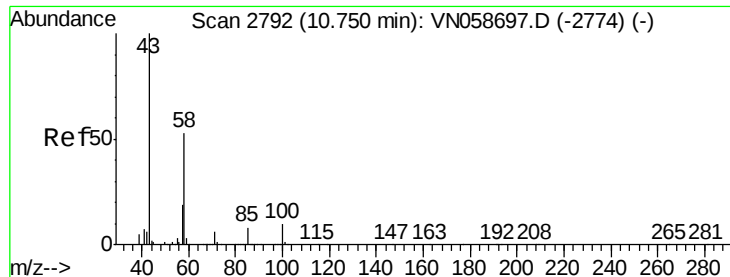
91 168.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN058697.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN058697.D (-2589) (-)

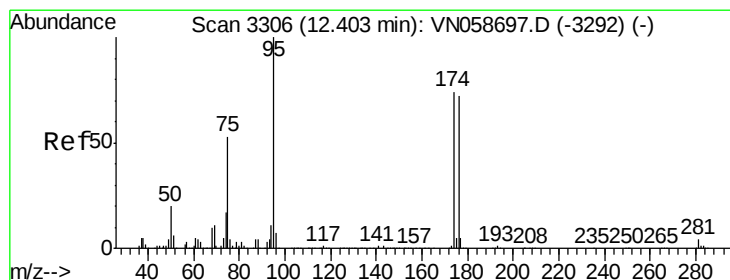
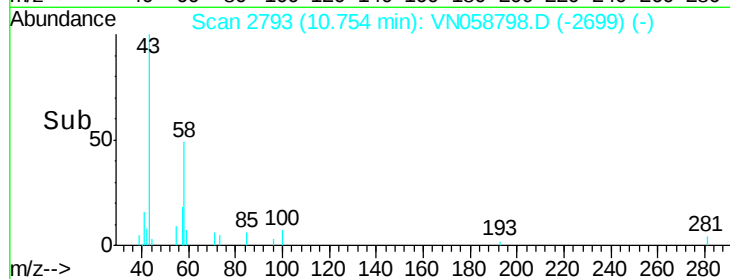
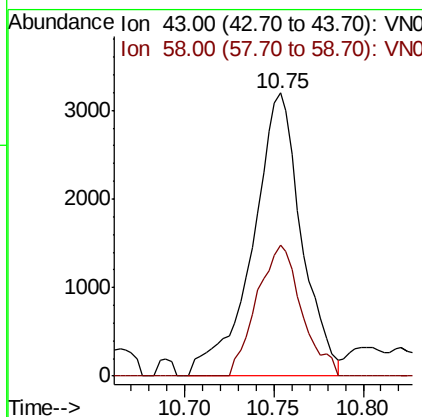
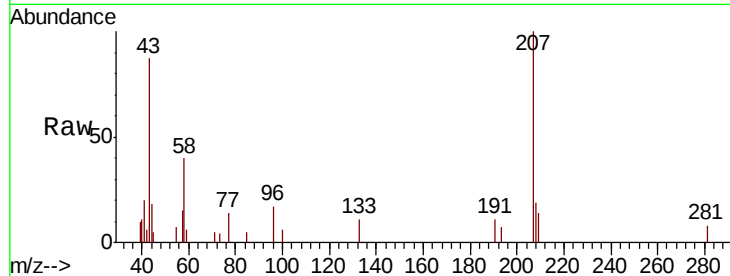




#59
2-Hexanone
Concen: 1.359 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

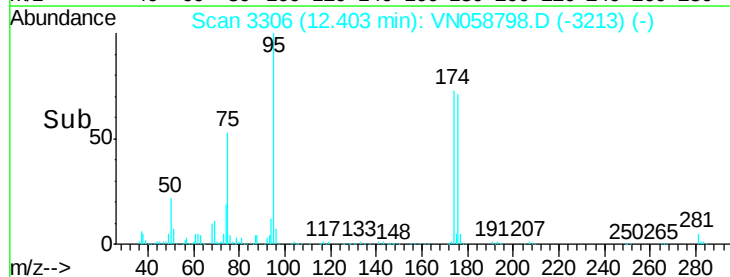
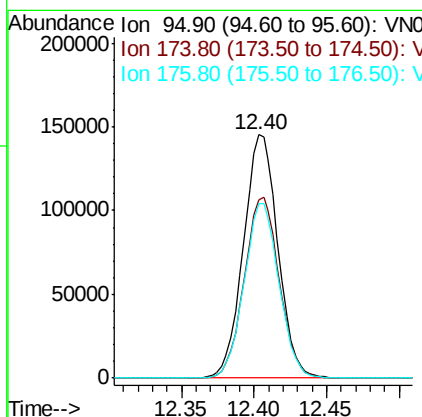
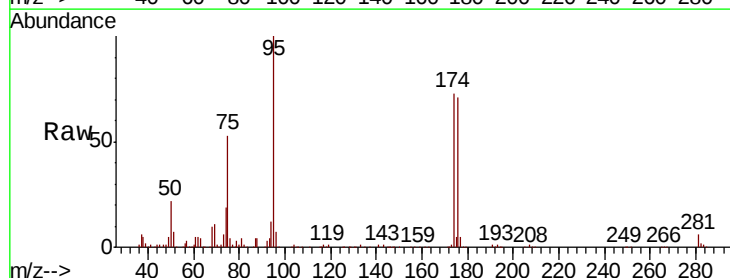
Instrument :
MSVOA_N
ClientSampleId :
IDW-AQ-101019

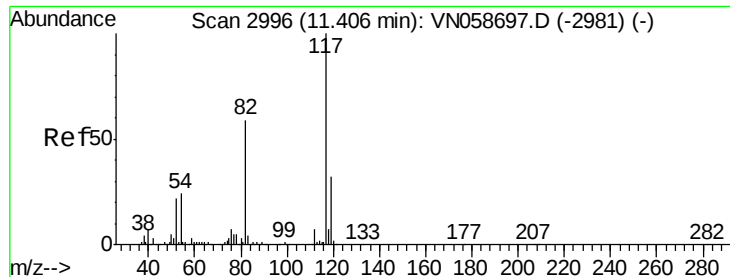
Tot Ion: 43 Resp: 6106
Ion Ratio Lower Upper
43 100
58 42.4 26.1 78.3



#62
4-Bromofluorobenzene
Concen: 43.051 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 95 Resp: 239293
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.4
176 73.1 0.0 146.8

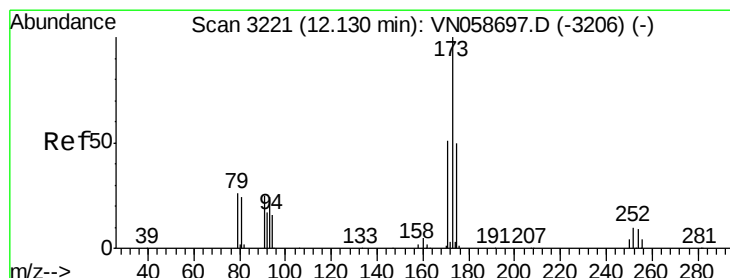
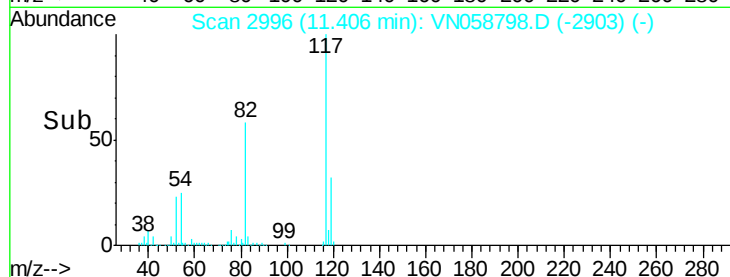
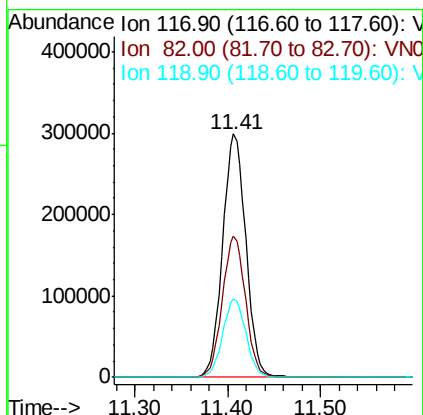
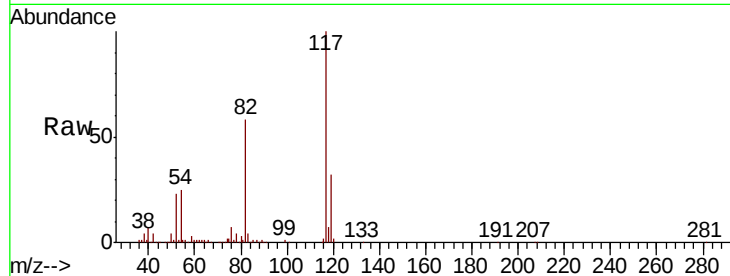




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

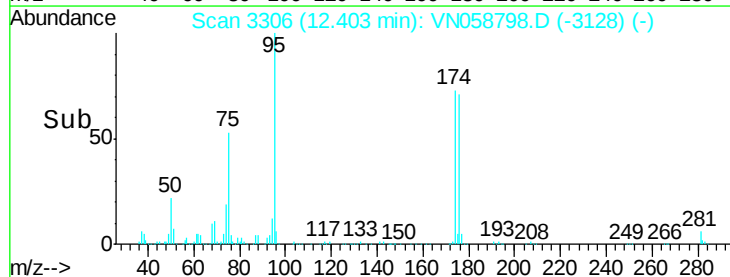
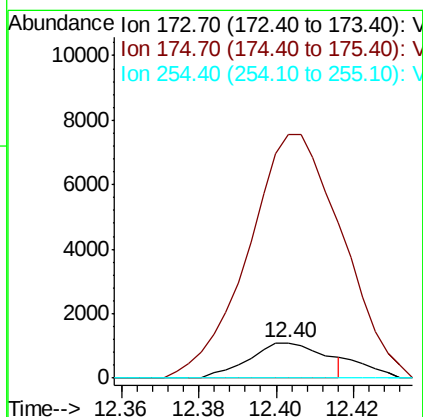
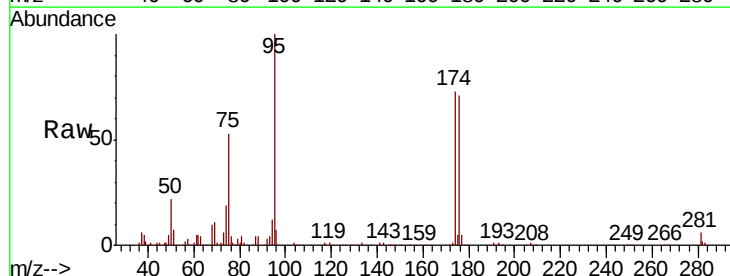
Instrument :
MSVOA_N
ClientSampleId :
IDW-AQ-101019

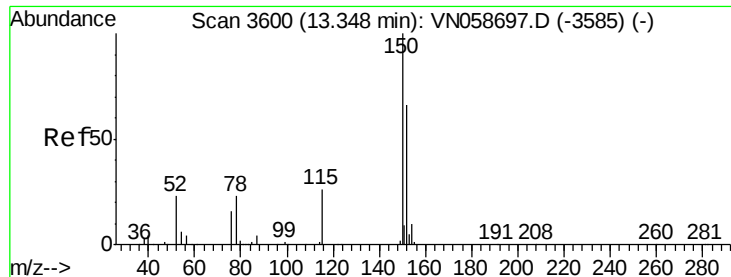
Tot Ion:117 Resp: 518819
Ion Ratio Lower Upper
117 100
82 58.1 47.0 70.4
119 32.2 25.4 38.2



#71
Bromoform
Concen: 0.520 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion:173 Resp: 1486
Ion Ratio Lower Upper
173 100
175 743.1 24.6 73.8#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

IDW-AQ-101019

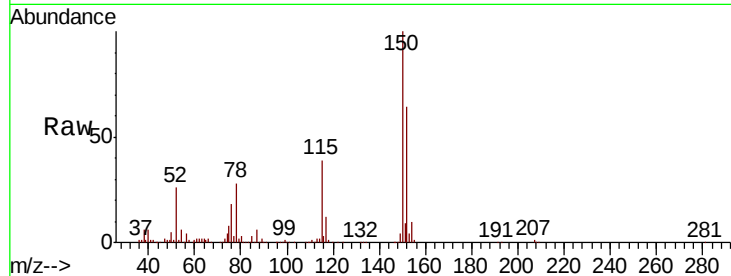
Tot Ion:152 Resp: 209478

Ion Ratio Lower Upper

152 100

115 61.2 30.4 91.2

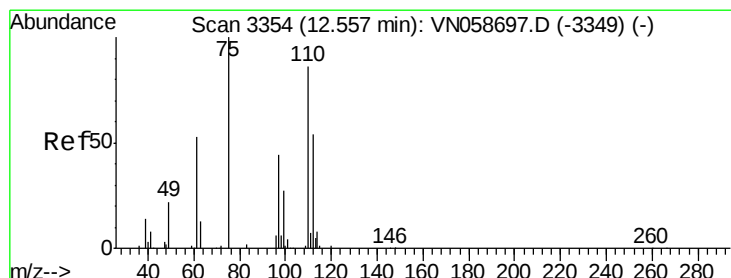
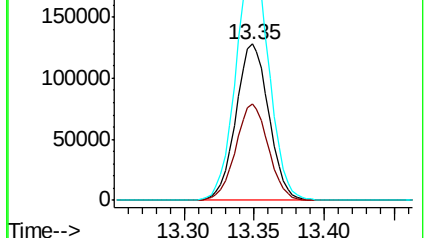
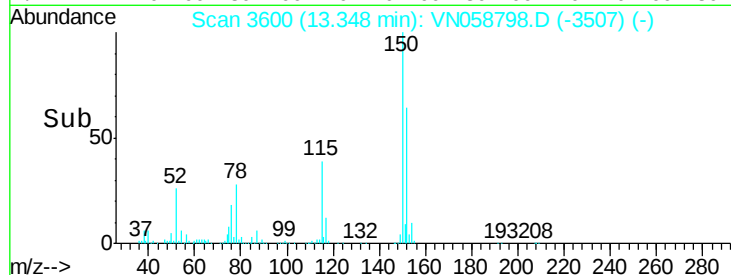
150 155.4 0.0 345.4



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



#76

1,2,3-Trichloropropane

Concen: 28.371 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058798.D

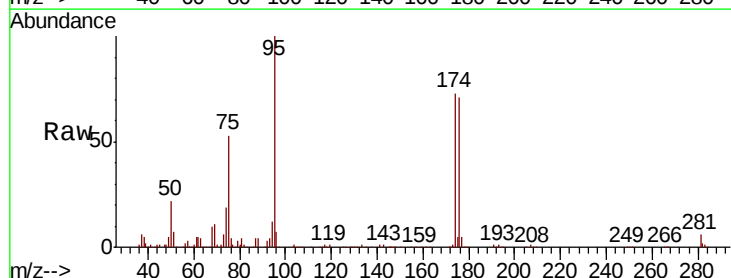
Acq: 16 Oct 2019 13:58

Tgt Ion: 75 Resp: 130379

Ion Ratio Lower Upper

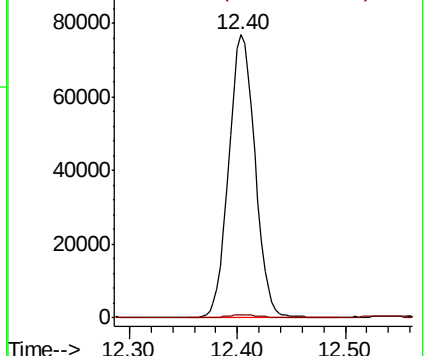
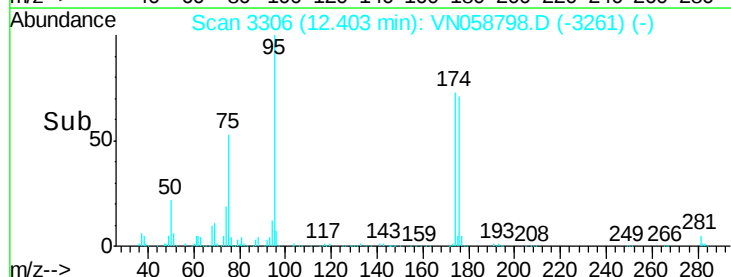
75 100

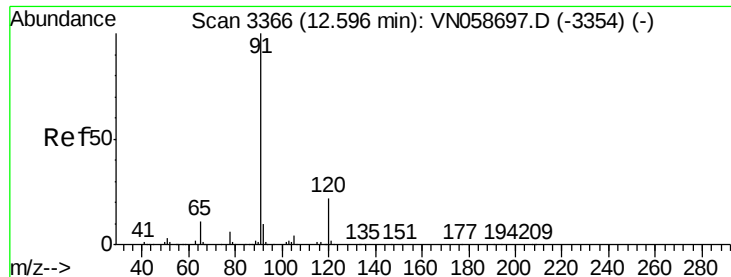
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.228 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

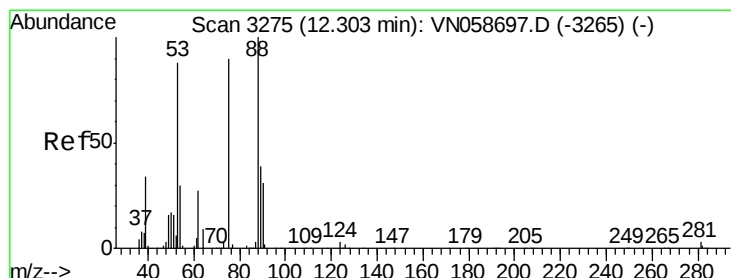
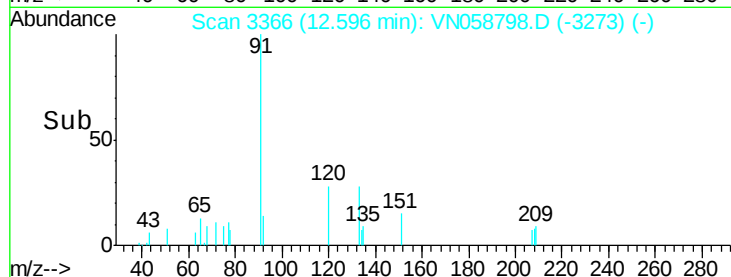
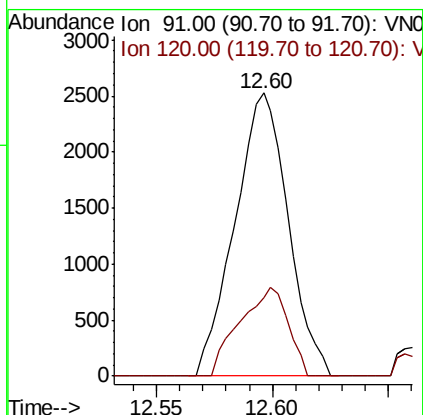
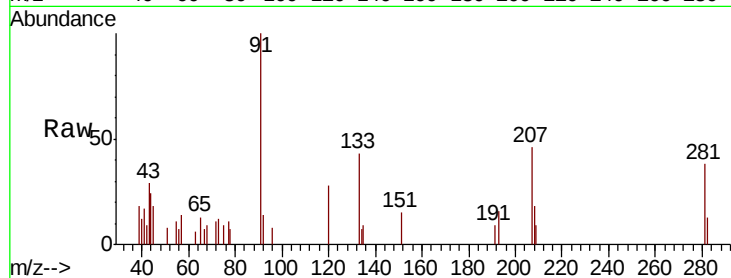
IDW-AQ-101019

Tot Ion: 91 Resp: 4033

Ion Ratio Lower Upper

91 100

120 28.4 11.1 33.3



#81

trans-1,4-Dichloro-2-butene

Concen: 75.998 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

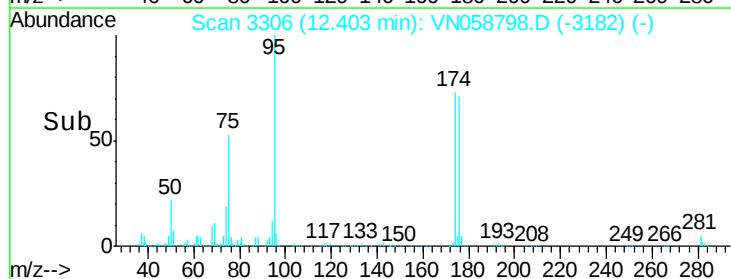
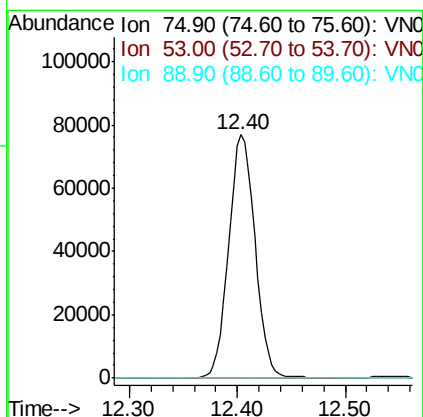
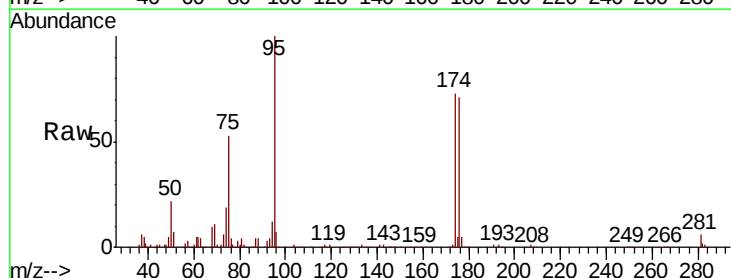
Tgt Ion: 75 Resp: 130379

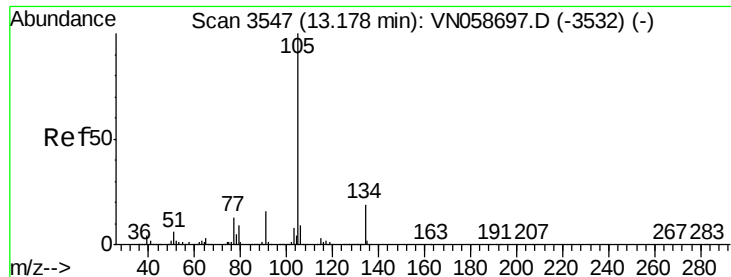
Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

89 0.0 34.9 52.3#





#85

sec-Butylbenzene

Concen: 0.330 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

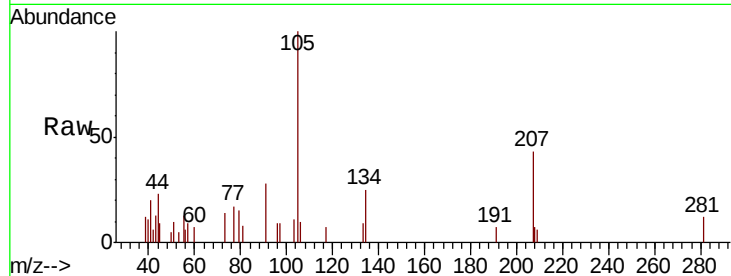
IDW-AQ-101019

Tot Ion:105 Resp: 4826

Ion Ratio Lower Upper

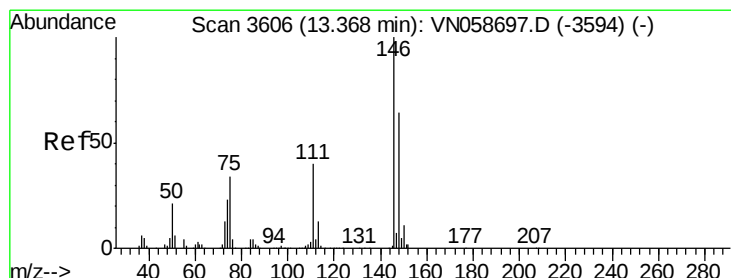
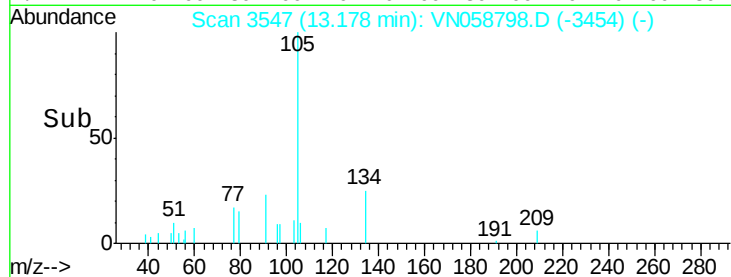
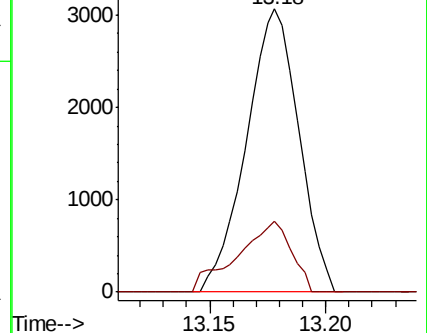
105 100

134 25.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#88

1,4-Dichlorobenzene

Concen: 0.211 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

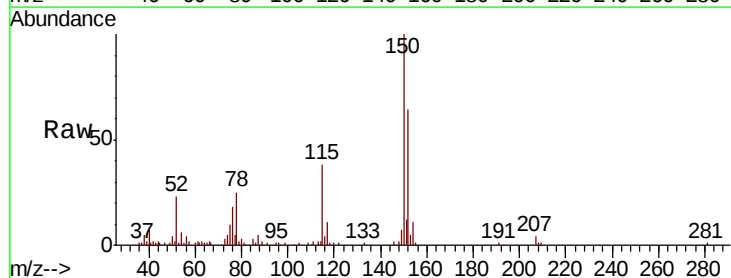
Tgt Ion:146 Resp: 1461

Ion Ratio Lower Upper

146 100

111 0.0 20.1 60.2#

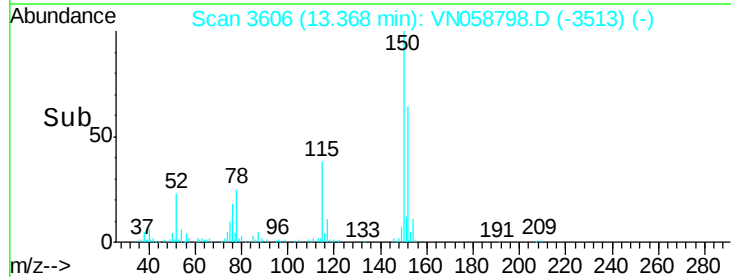
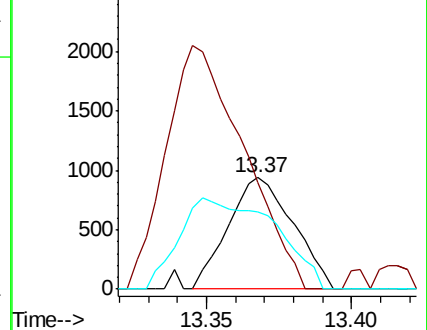
148 0.0 31.9 95.7#

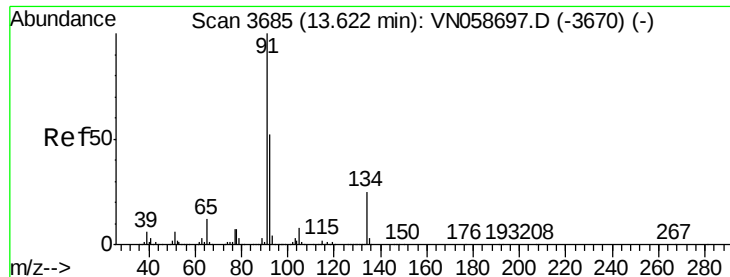


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.290 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

IDW-AQ-101019

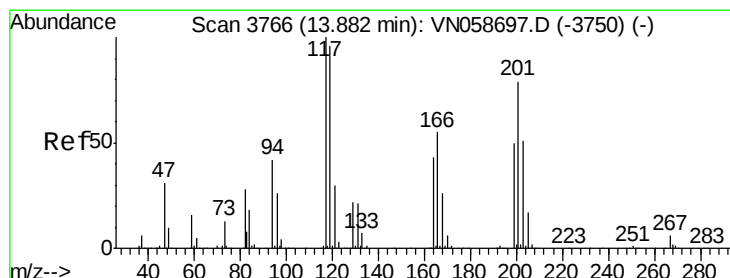
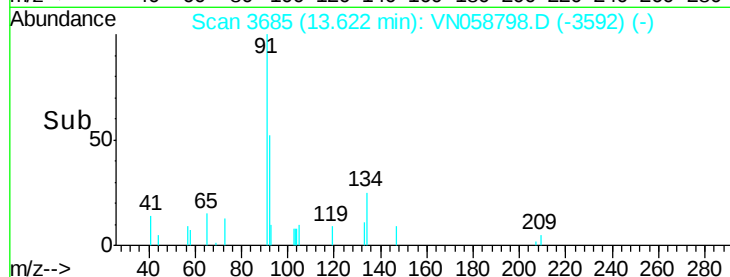
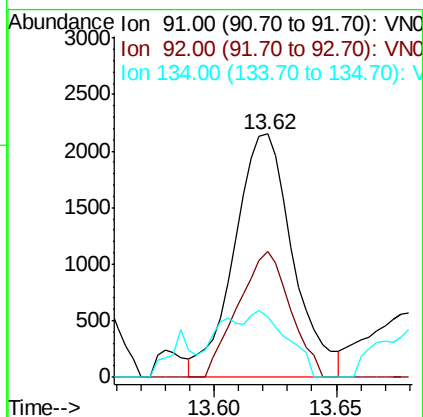
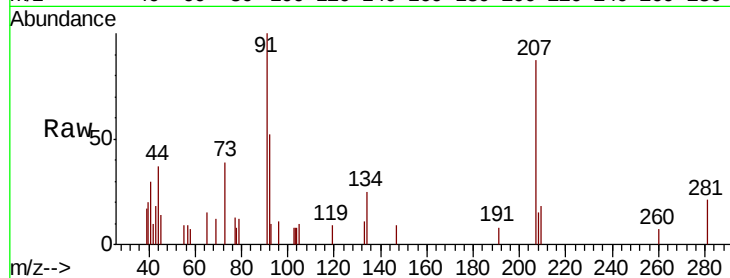
Tot Ion: 91 Resp: 3559

Ion Ratio Lower Upper

91 100

92 46.4 26.0 78.0

134 7.4 12.2 36.6#



#90

Hexachloroethane

Concen: 0.462 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN058798.D

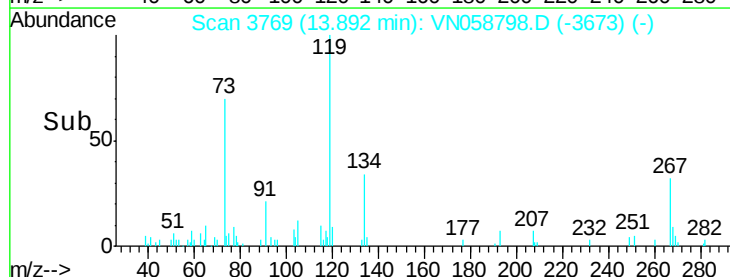
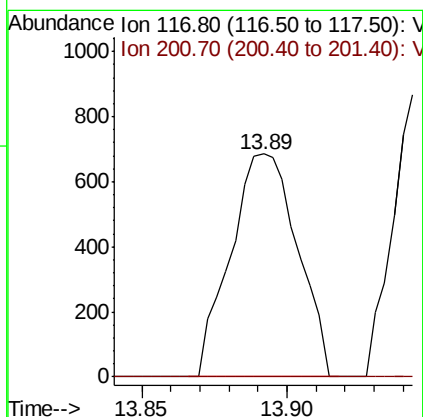
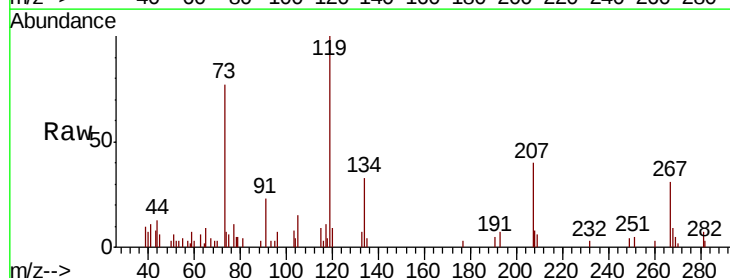
Acq: 16 Oct 2019 13:58

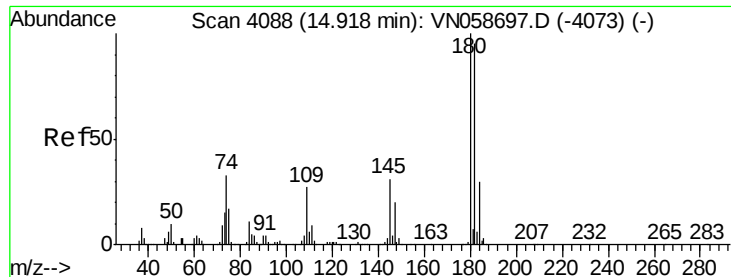
Tgt Ion: 117 Resp: 1099

Ion Ratio Lower Upper

117 100

201 0.0 39.6 118.7#

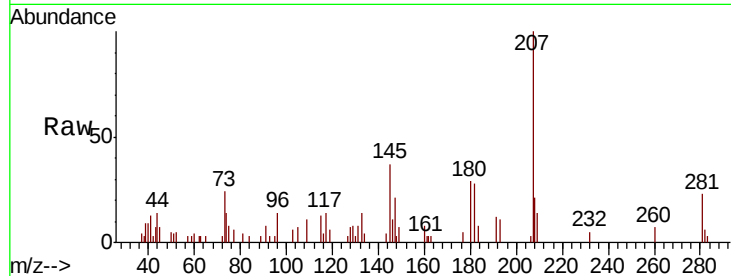




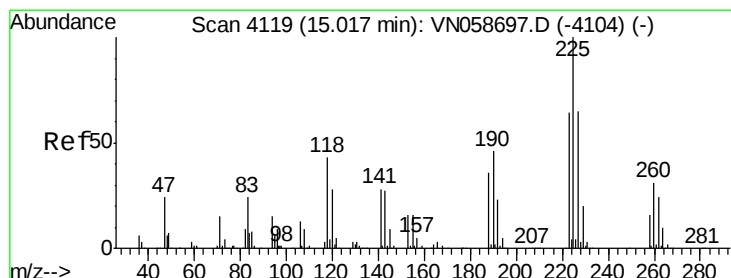
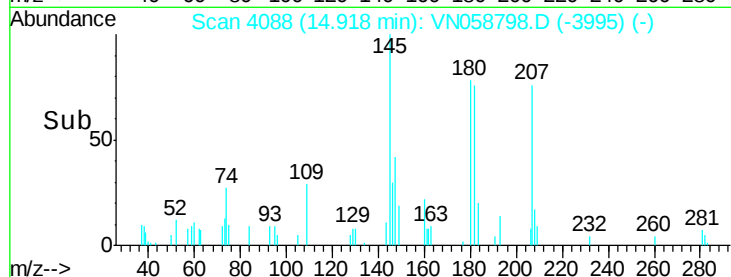
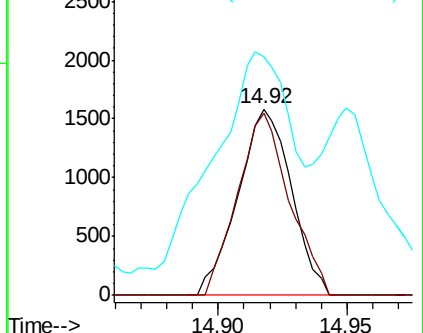
#93
 1,2,4-Trichlorobenzene
 Concen: 0.565 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058798.D
 Acq: 16 Oct 2019 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-AQ-101019

Tot Ion:180 Resp: 2285
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.4 142.2
 145 198.0 15.4 46.2#

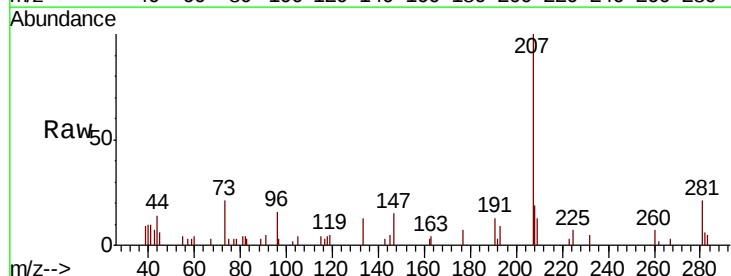


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

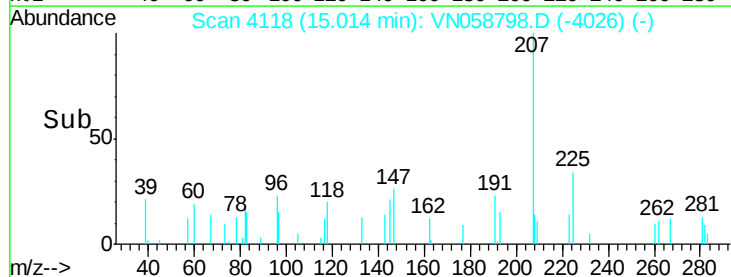
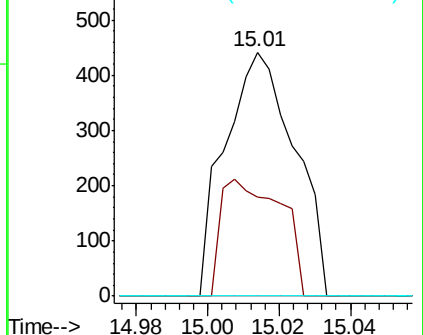


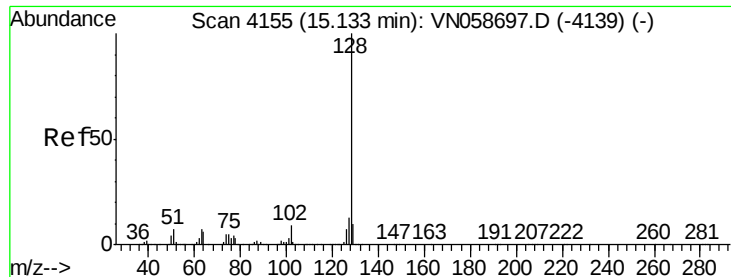
#94
 Hexachlorobutadiene
 Concen: 0.280 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN058798.D
 Acq: 16 Oct 2019 13:58

Tgt Ion:225 Resp: 596
 Ion Ratio Lower Upper
 225 100
 223 41.4 32.3 96.8
 227 0.0 32.4 97.0#



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: 14.726 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

IDW-AQ-101019

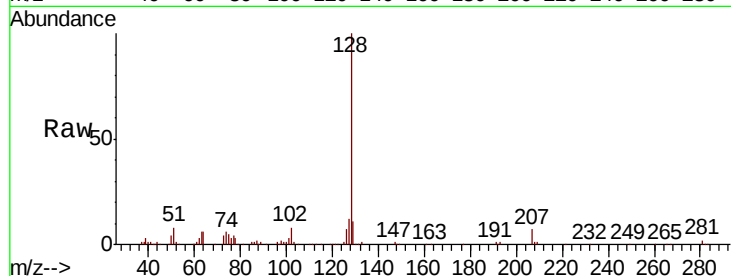
Tot Ion:128 Resp: 171239

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

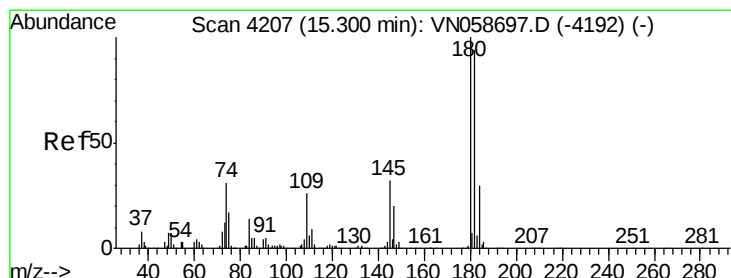
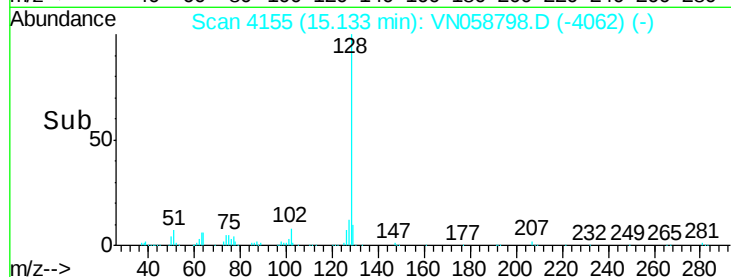
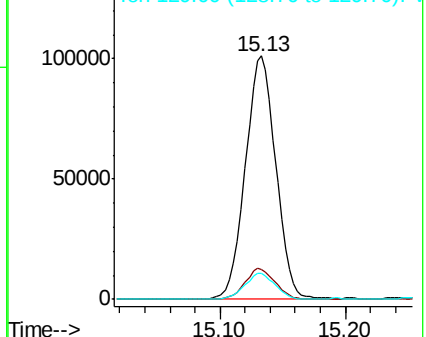
129 10.8 8.5 12.7



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: 0.706 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. -0.00 min

Lab File: VN058798.D

Acq: 16 Oct 2019 13:58

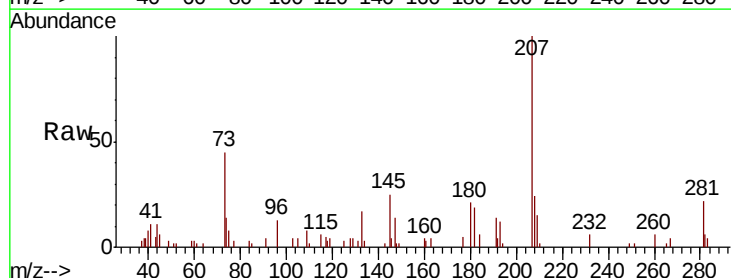
Tgt Ion:180 Resp: 2787

Ion Ratio Lower Upper

180 100

182 94.2 47.3 142.0

145 131.1 16.2 48.6#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

