

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059256.D
 Acq On : 15 Nov 2019 11:40
 Operator : JC/SP
 Sample : PB124816TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 00:26:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	475569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	732848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	652503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	233254	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	299683	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.57	113	233441	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	10.08	98	948188	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
62) 4-Bromofluorobenzene	12.40	95	299408	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

Target Compounds

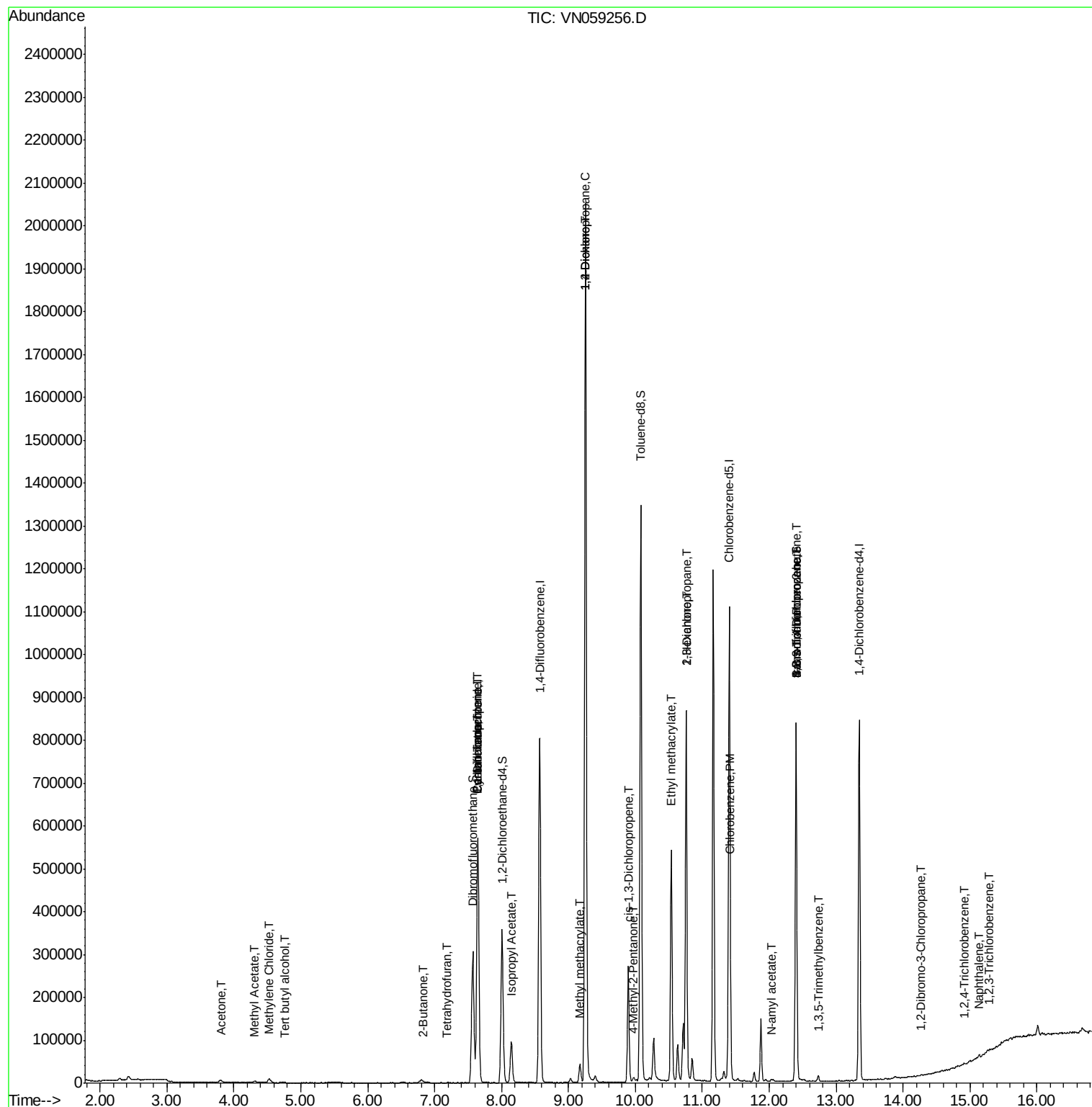
						Qvalue
11) Tert butyl alcohol	4.76	59	452	0.406	ug/l #	72
16) Acetone	3.80	43	10743	3.534	ug/l	93
18) Methyl Acetate	4.30	43	5104	0.707	ug/l #	86
20) Methylene Chloride	4.52	84	7686	1.451	ug/l	93
25) 2-Butanone	6.84	43	4198	1.048	ug/l #	86
29) Tetrahydrofuran	7.19	42	782	0.307	ug/l #	35
31) Cyclohexane	7.64	56	9046	0.994	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	35390	5.166	ug/l #	49
38) Carbon Tetrachloride	7.64	117	44717	6.559	ug/l #	16
43) Isopropyl Acetate	8.15	43	113487	9.341	ug/l #	92
45) 1,2-Dichloropropane	9.25	63	2439	0.435	ug/l #	44
48) Methyl methacrylate	9.17	41	6793	1.250	ug/l #	14
49) 1,4-Dioxane	9.25	88	246	2.547	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7722	1.123	ug/l	95
54) cis-1,3-Dichloropropene	9.89	75	48650	5.615	ug/l #	64
56) Ethyl methacrylate	10.54	69	1887	2.091	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	8731	1.014	ug/l #	42
59) 2-Hexanone	10.76	43	124813	23.656	ug/l #	53
65) Chlorobenzene	11.43	112	4491	0.353	ug/l	92
71) Bromoform	12.40	173	1756	0.473	ug/l #	1
74) N-amyl acetate	12.03	43	3451	0.480	ug/l #	46
76) 1,2,3-Trichloropropane	12.40	75	146398	27.568	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7539	0.524	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	146398	72.815	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	227	0.223	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	767	3.212	ug/l #	79
95) Naphthalene	15.13	128	4123	3.365	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.30	180	1212	0.301	ug/l #	68

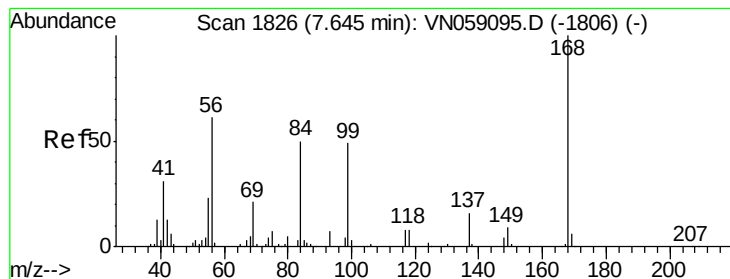
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

Instrument :

MSVOA_N

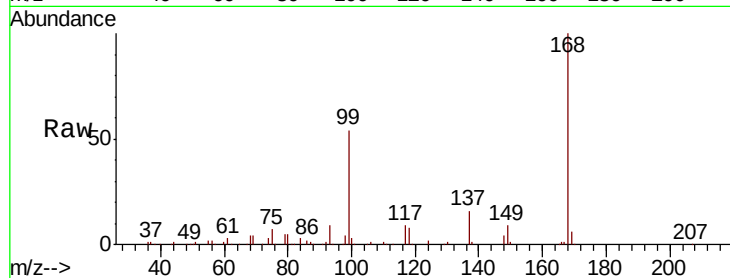
ClientSampled :

Tot Ion:168 Resp: 475569

Ion Ratio Lower Upper

168 100

99 53.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

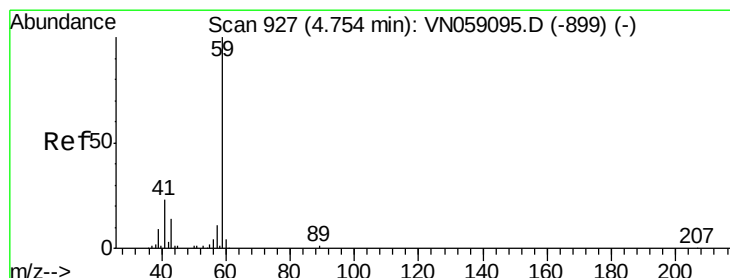
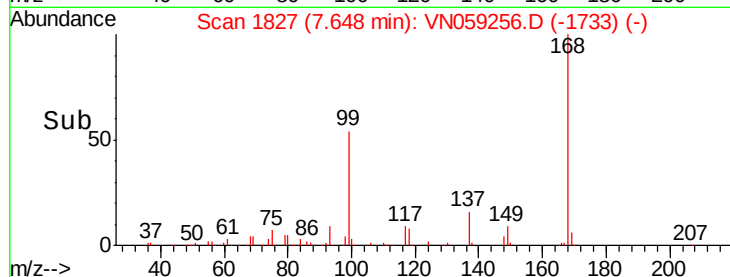
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.406 ug/l

RT: 4.76 min Scan# 929

Delta R.T. 0.01 min

Lab File: VN059256.D

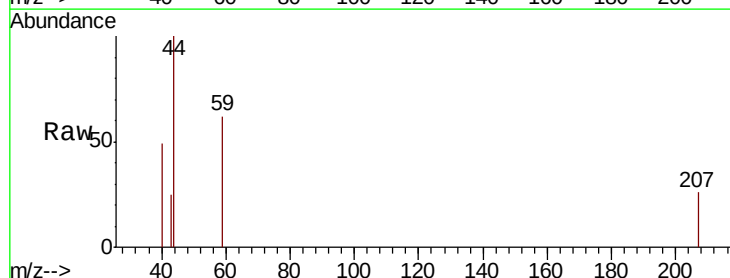
Acq: 15 Nov 2019 11:40

Tgt Ion: 59 Resp: 452

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.76

400

300

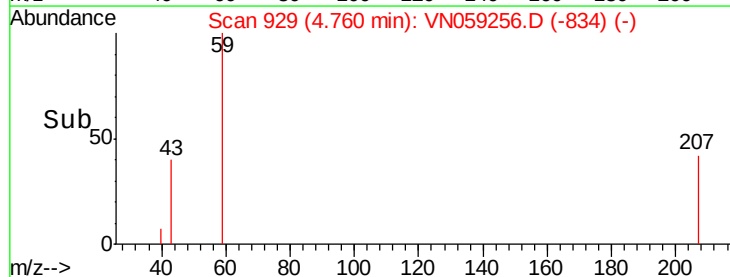
200

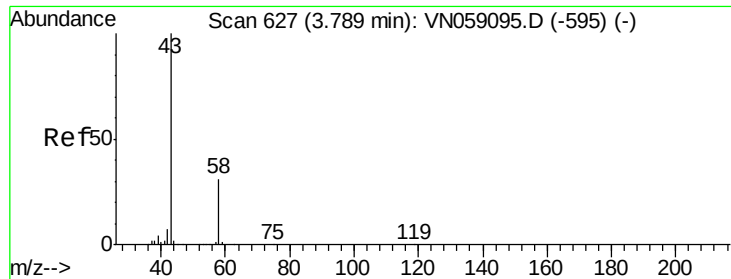
100

0

4.74 4.76 4.78

Time-->

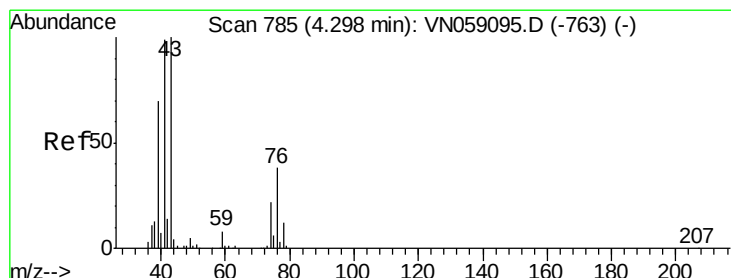
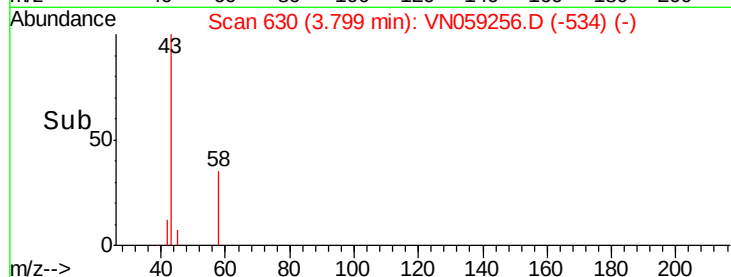
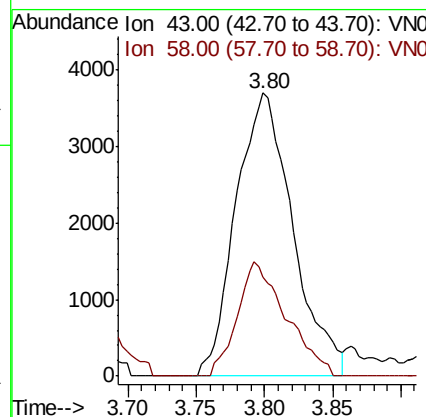
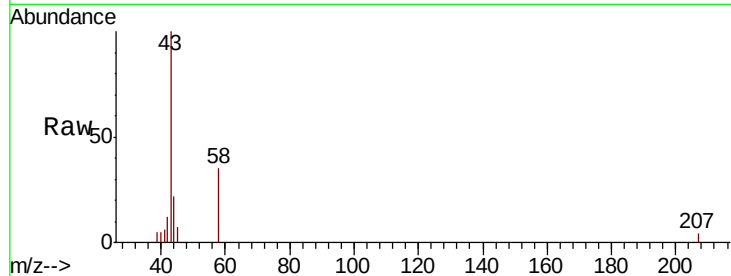




#16
Acetone
Concen: 3.534 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN059256.D
Acq: 15 Nov 2019 11:40

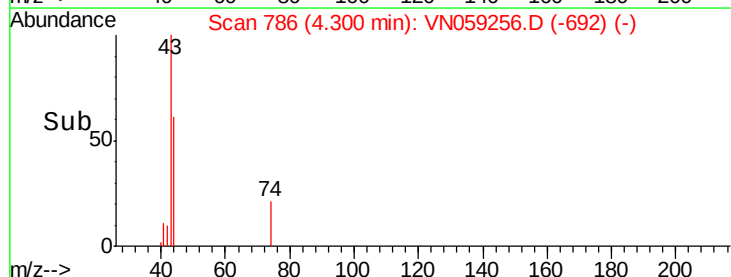
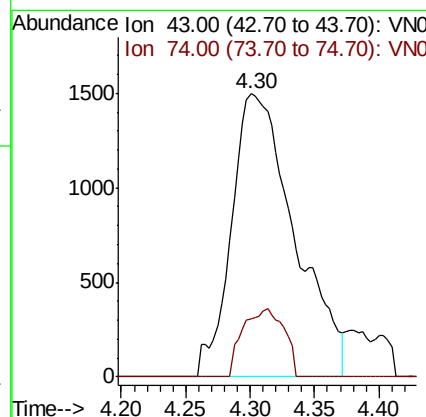
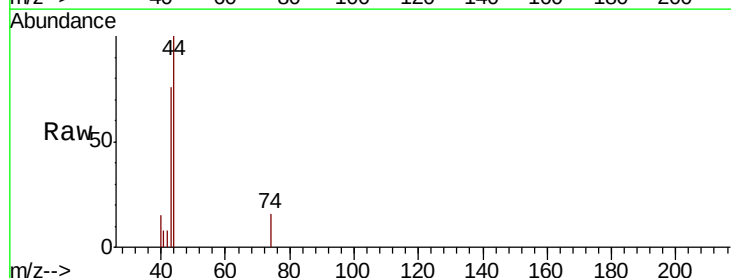
Instrument :
MSVOA_N
ClientSampleId :

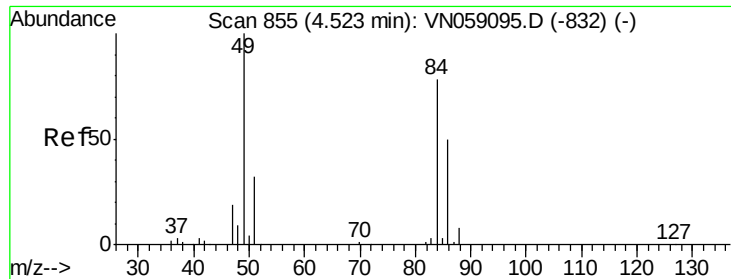
Tot Ion: 43 Resp: 10743
Ion Ratio Lower Upper
43 100
58 34.9 24.9 37.3



#18
Methyl Acetate
Concen: 0.707 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN059256.D
Acq: 15 Nov 2019 11:40

Tgt Ion: 43 Resp: 5104
Ion Ratio Lower Upper
43 100
74 15.7 17.8 26.8#





#20

Methvlene Chloride

Concen: 1.451 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 84 Resp: 7686

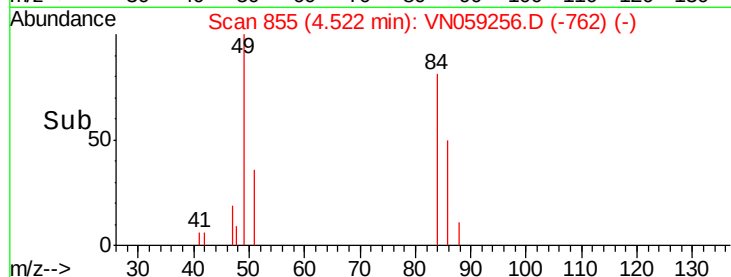
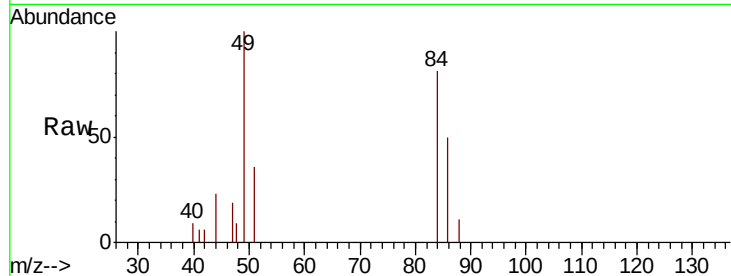
Ion Ratio Lower Upper

84 100

49 115.8 102.0 153.0

51 44.4 32.2 48.2

86 61.4 50.7 76.1

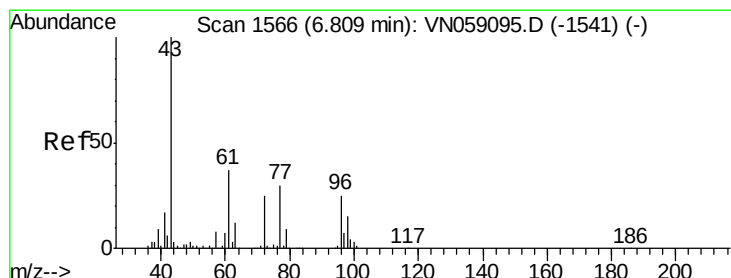
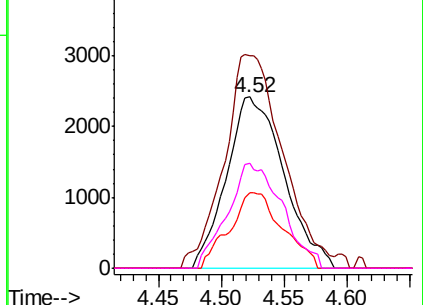


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.048 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.03 min

Lab File: VN059256.D

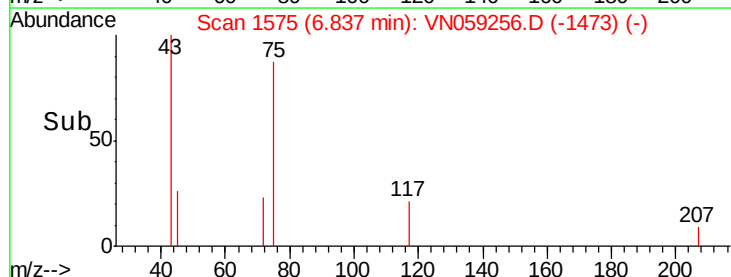
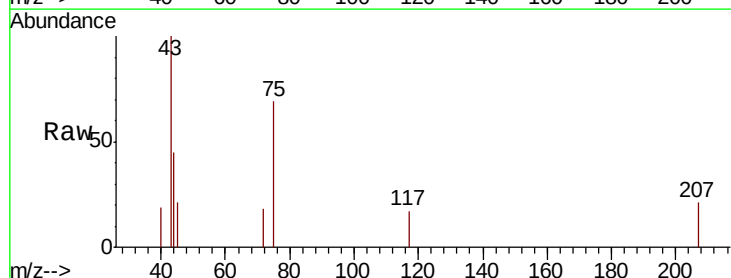
Acq: 15 Nov 2019 11:40

Tgt Ion: 43 Resp: 4198

Ion Ratio Lower Upper

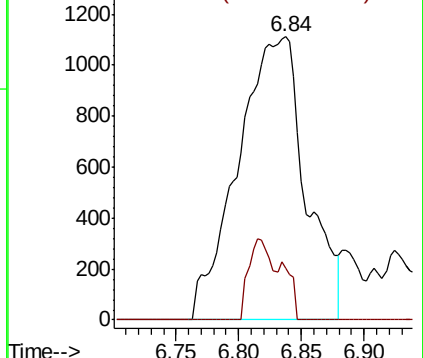
43 100

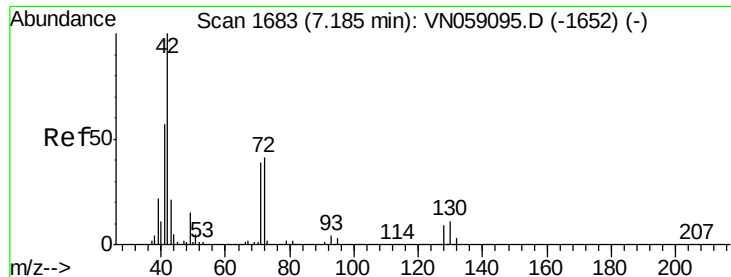
72 18.4 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

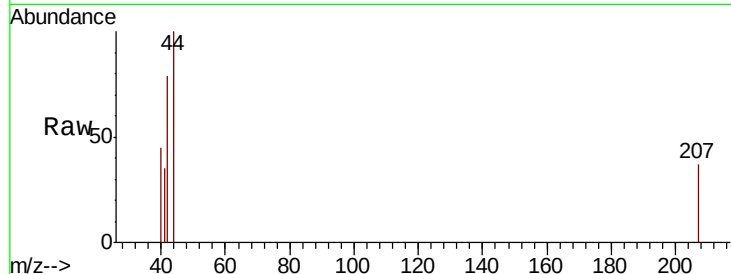




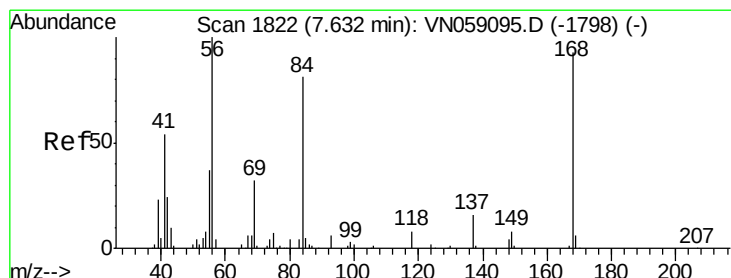
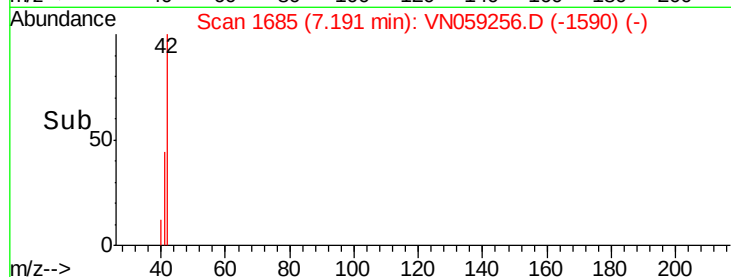
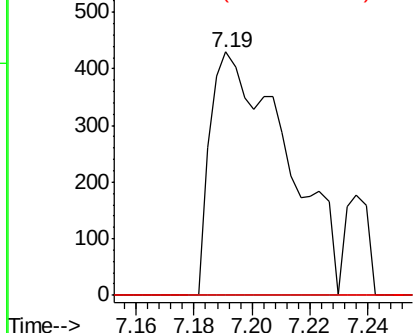
#29
Tetrahydrofuran
Concen: 0.307 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VN059256.D
Acq: 15 Nov 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.1	49.7#
71	0.0	30.9	46.3#

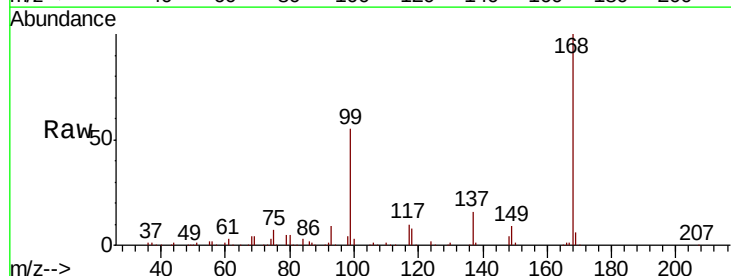


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

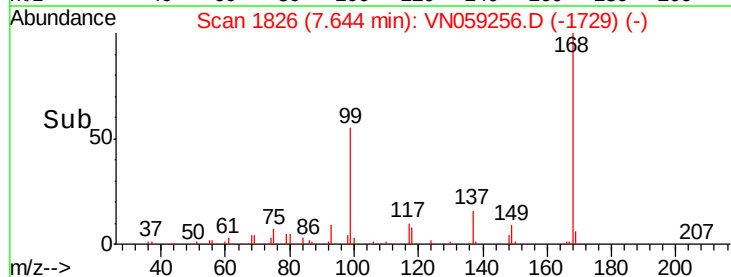
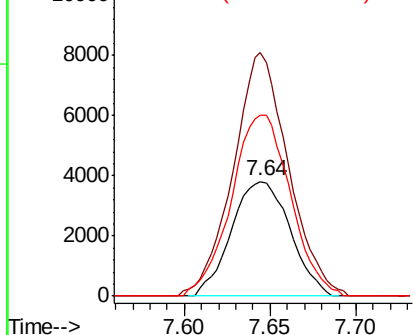


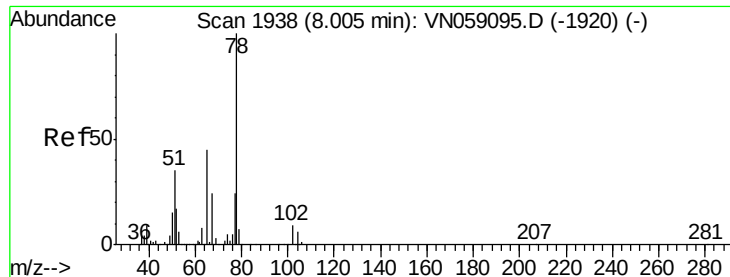
#31
Cyclohexane
Concen: 0.994 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059256.D
Acq: 15 Nov 2019 11:40

Tgt Ion	Ratio	Lower	Upper
56	100		
69	206.4	25.8	38.8#
84	153.7	65.0	97.4#



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

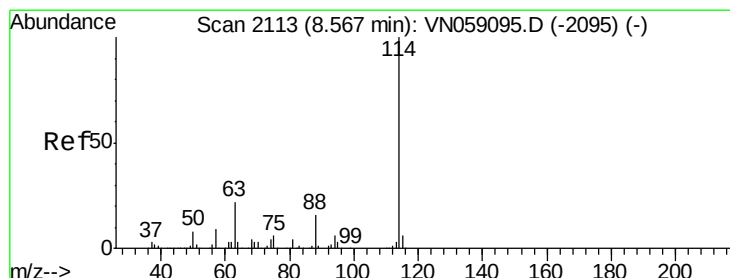
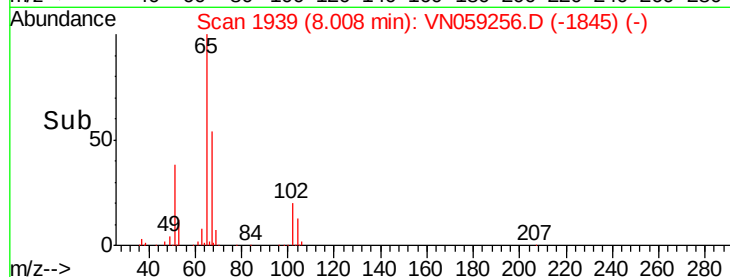
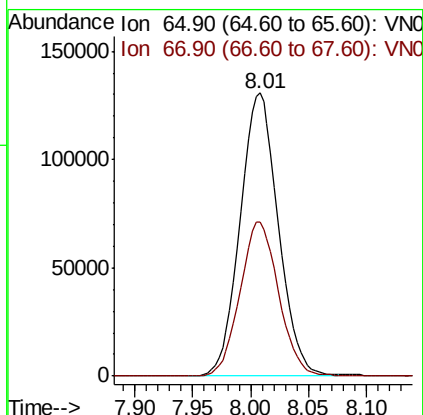
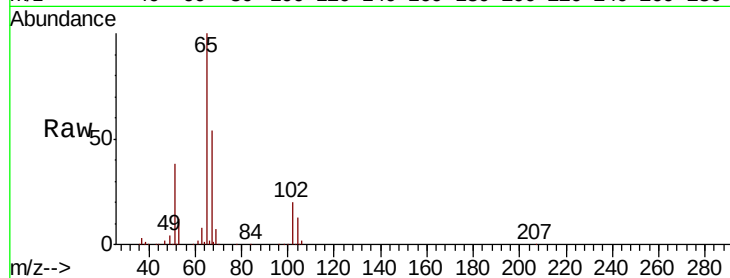




#33
 1,2-Dichloroethane-d4
 Concen: 51.263 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059256.D
 Acq: 15 Nov 2019 11:40

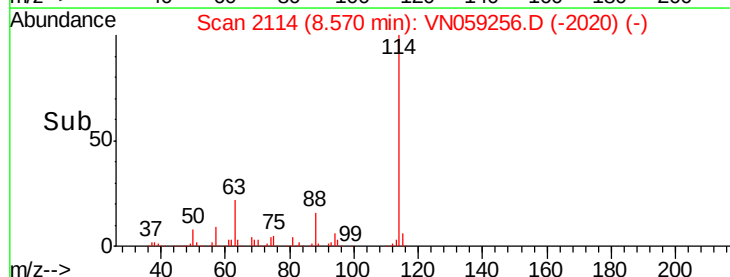
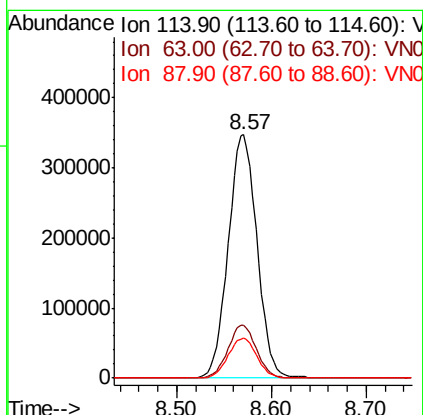
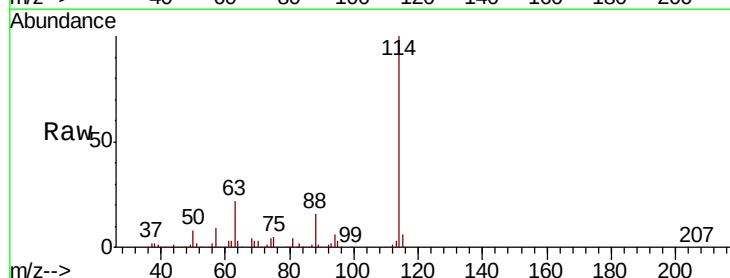
Instrument :
 MSVOA_N
 ClientSampled :

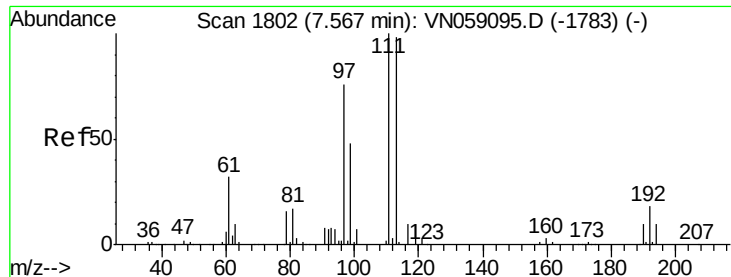
Tot Ion: 65 Resp: 299683
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059256.D
 Acq: 15 Nov 2019 11:40

Tgt Ion: 114 Resp: 732848
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.4
 88 16.3 0.0 32.2

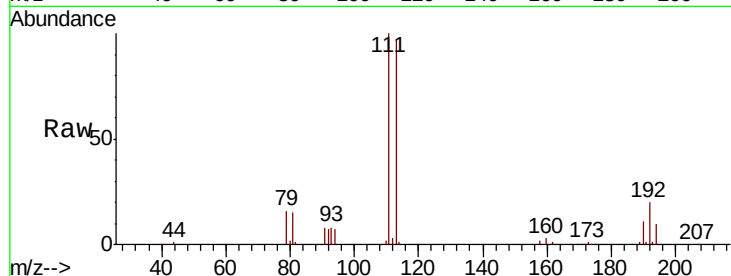




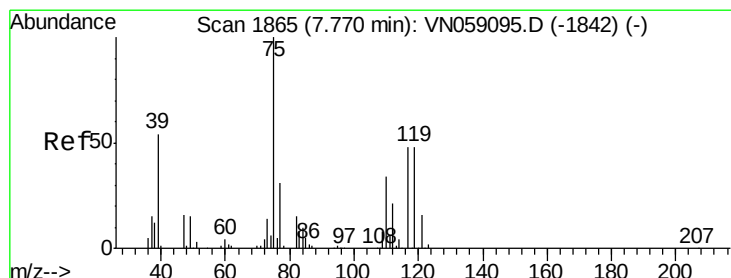
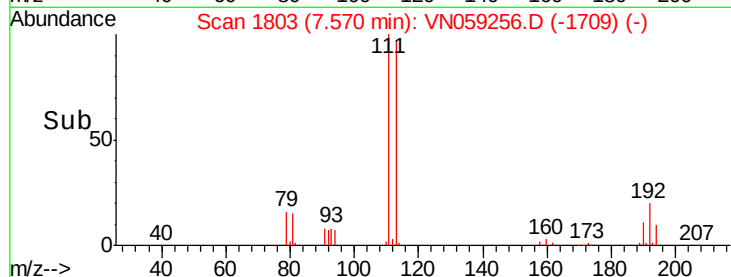
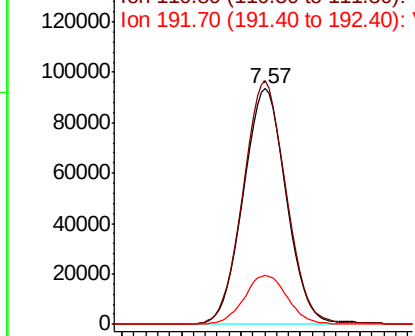
#35
Dibromofluoromethane
Concen: 53.348 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059256.D
Acq: 15 Nov 2019 11:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:113 Resp: 233441
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 20.9 16.1 24.1

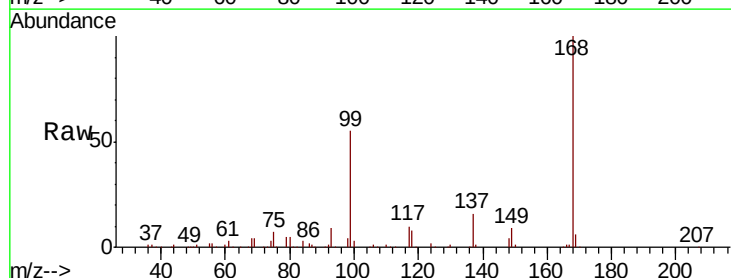


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

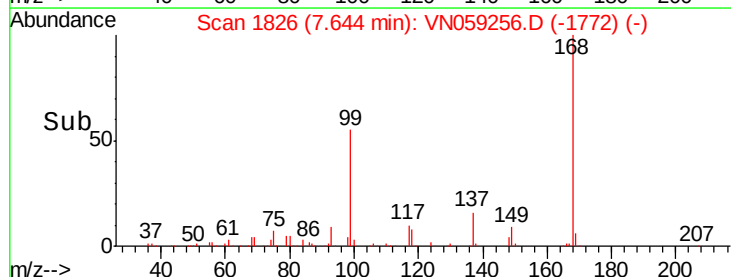
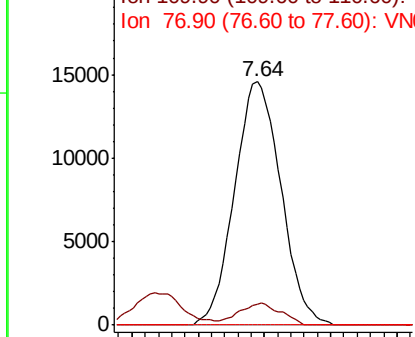


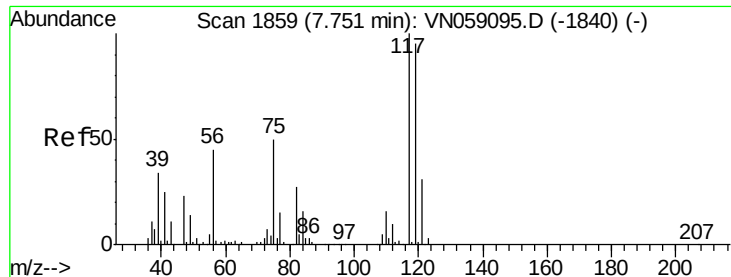
#36
1,1-Dichloropropene
Concen: 5.166 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN059256.D
Acq: 15 Nov 2019 11:40

Tgt Ion: 75 Resp: 35390
Ion Ratio Lower Upper
75 100
110 8.0 17.1 51.2#
77 0.0 24.8 37.2#



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





#38

Carbon Tetrachloride

Concen: 6.559 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

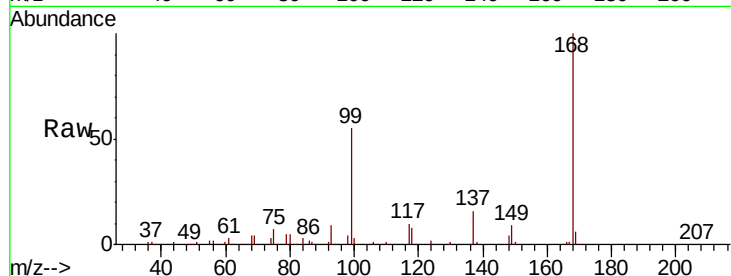
Tot Ion:117 Resp: 44717

Ion Ratio Lower Upper

117 100

119 4.9 75.6 113.4#

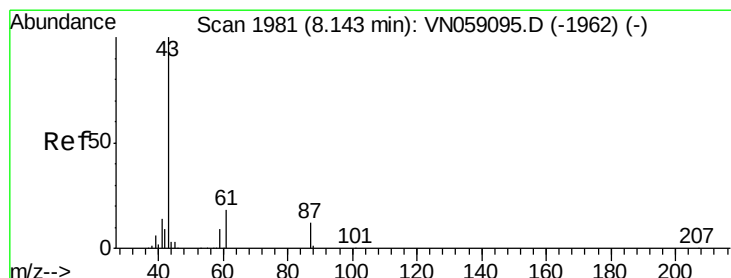
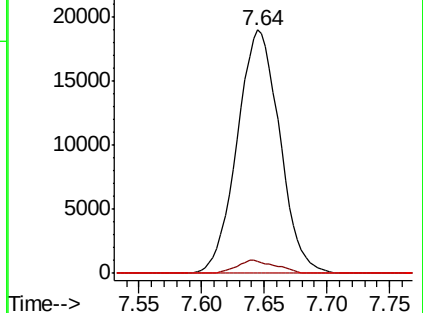
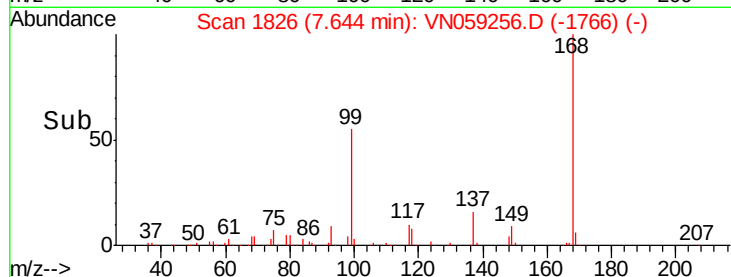
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 9.341 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

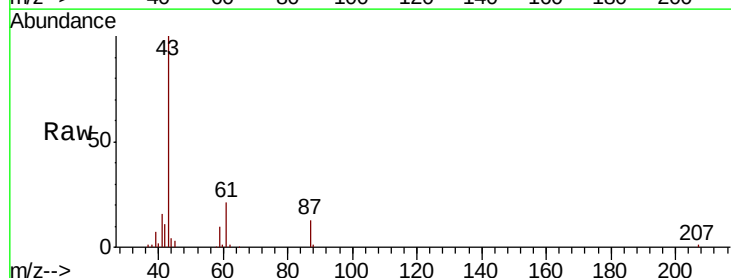
Tgt Ion: 43 Resp: 113487

Ion Ratio Lower Upper

43 100

61 20.5 21.0 31.6#

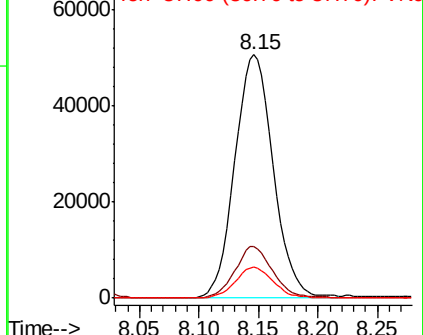
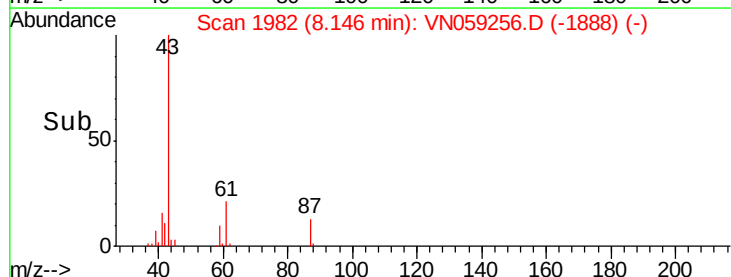
87 12.5 9.8 14.6

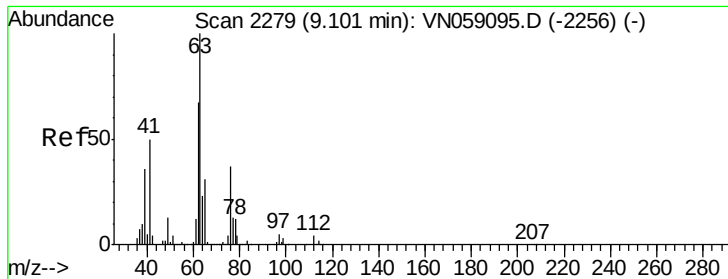


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.435 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

Instrument :

MSVOA_N

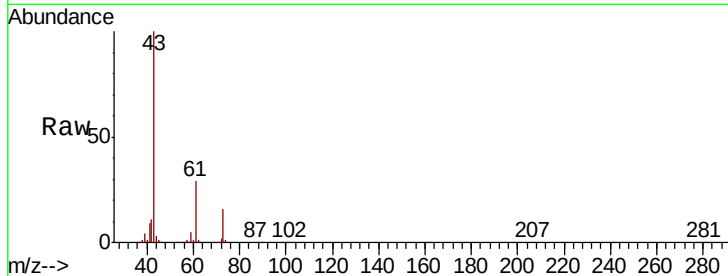
ClientSampleId :

Tot Ion: 63 Resp: 2439

Ion Ratio Lower Upper

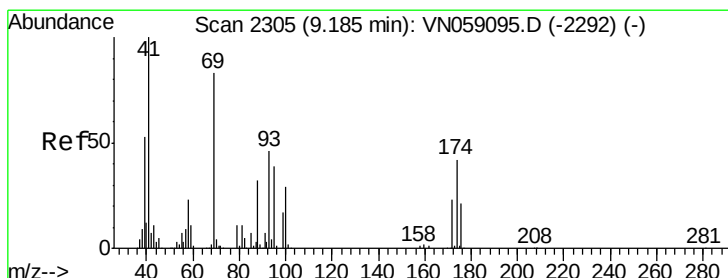
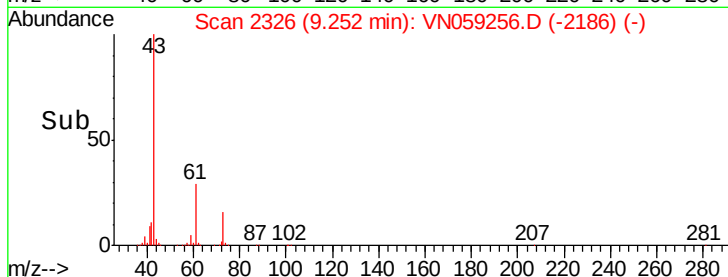
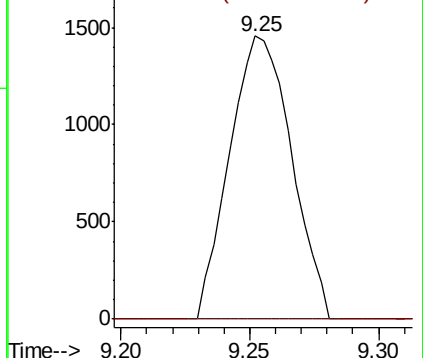
63 100

65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.250 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

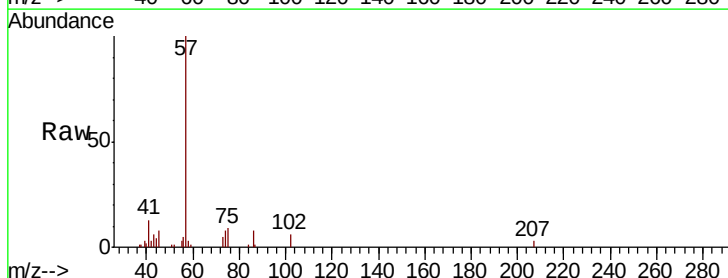
Tgt Ion: 41 Resp: 6793

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

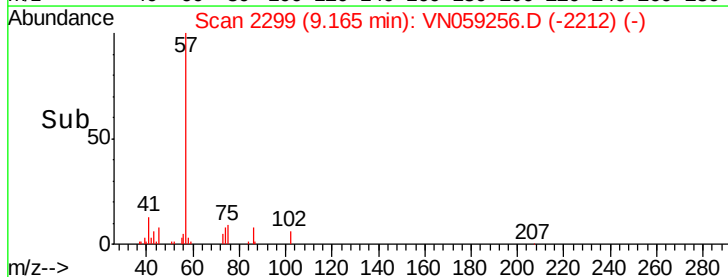
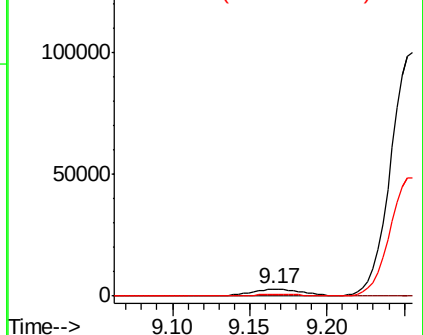
39 0.0 43.3 64.9#

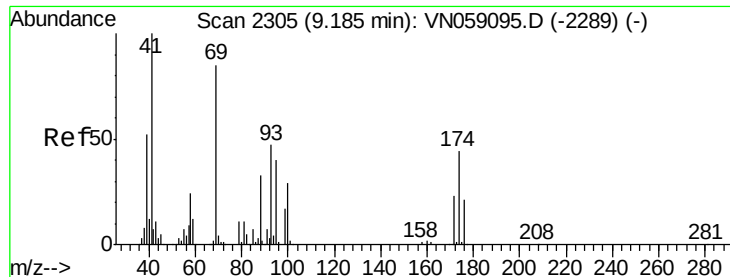


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 2.547 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.07 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :

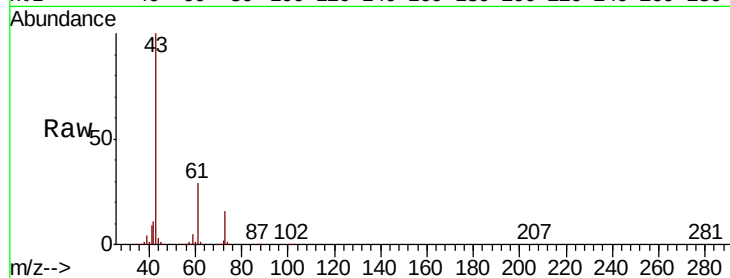
Tot Ion: 88 Resp: 246

Ion Ratio Lower Upper

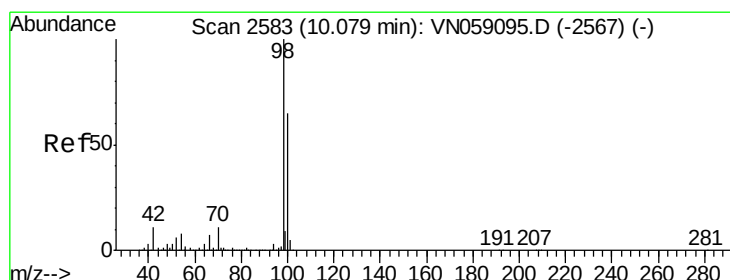
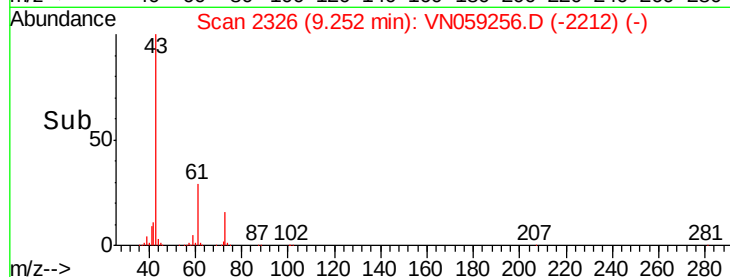
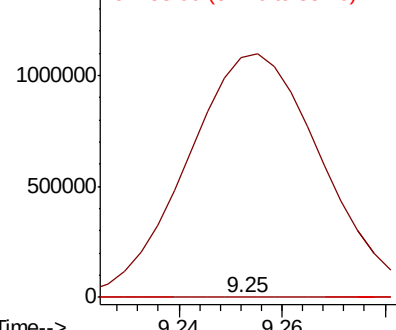
88 100

43 830212.6 26.3 39.5#

58 3621.5 60.6 90.8#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 55.012 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059256.D

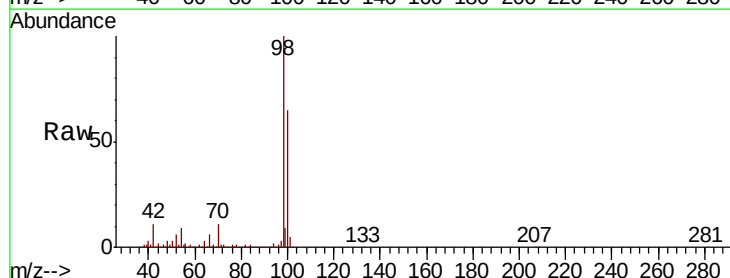
Acq: 15 Nov 2019 11:40

Tgt Ion: 98 Resp: 948188

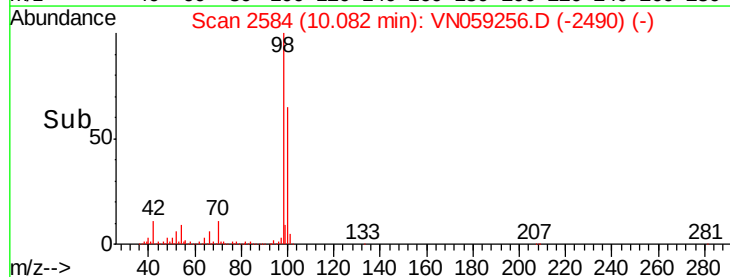
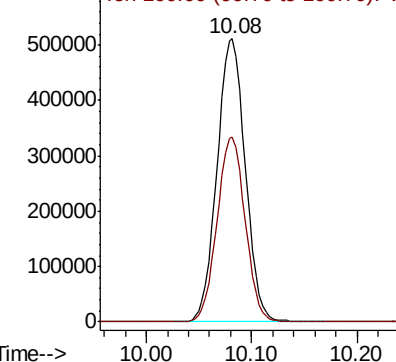
Ion Ratio Lower Upper

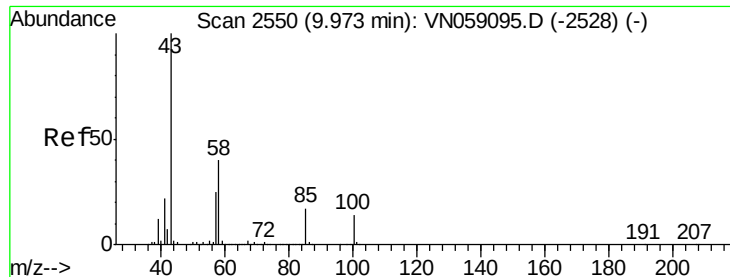
98 100

100 65.1 52.2 78.2



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

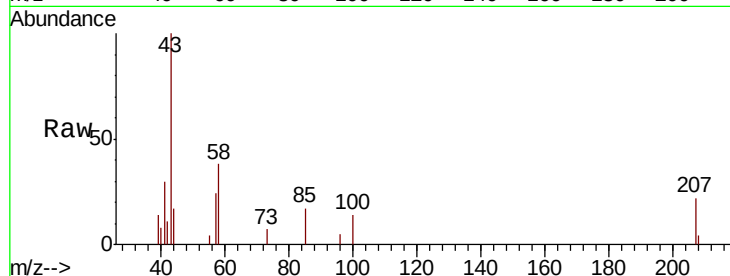




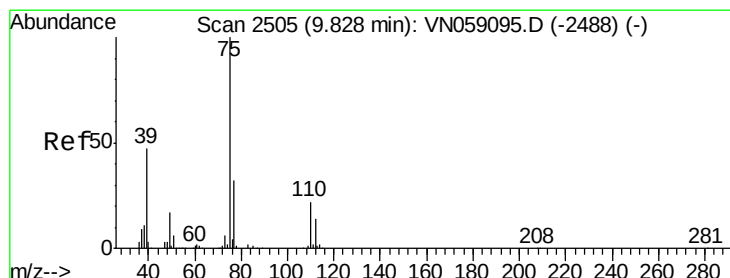
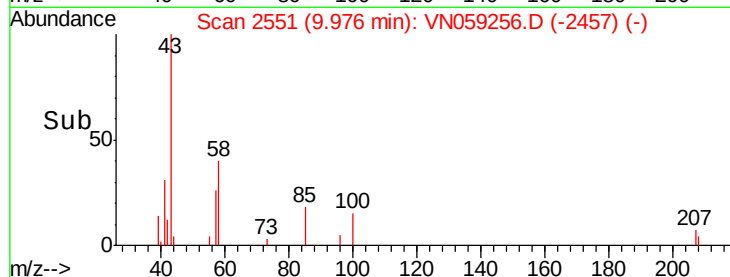
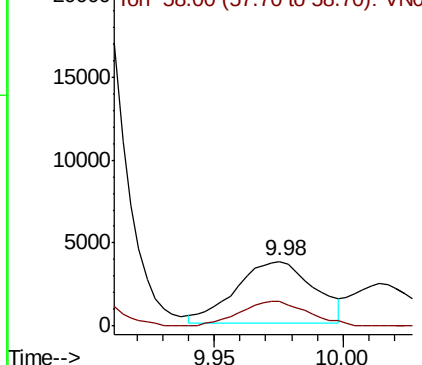
#51
4-Methyl-2-Pentanone
Concen: 1.123 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059256.D
Acq: 15 Nov 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 7722
Ion Ratio Lower Upper
43 100
58 36.1 31.5 47.3

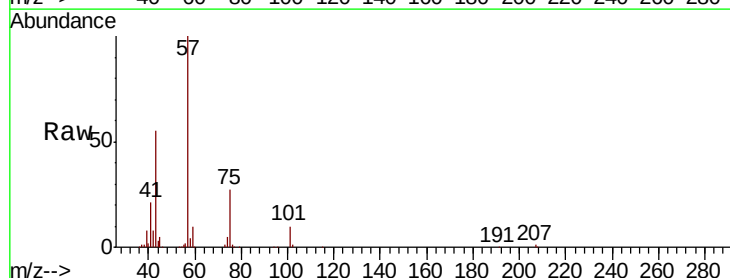


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

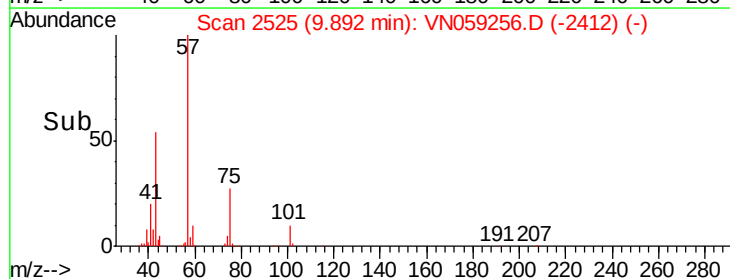
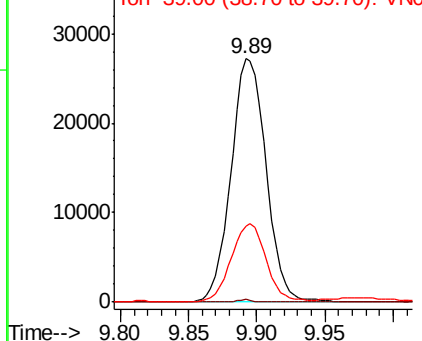


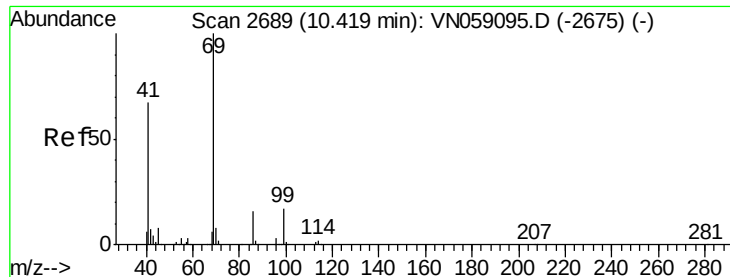
#54
cis-1,3-Dichloropropene
Concen: 5.615 ug/l
RT: 9.89 min Scan# 2525
Delta R.T. 0.06 min
Lab File: VN059256.D
Acq: 15 Nov 2019 11:40

Tgt Ion: 75 Resp: 48650
Ion Ratio Lower Upper
75 100
77 1.1 25.5 38.3#
39 31.1 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0
Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.091 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

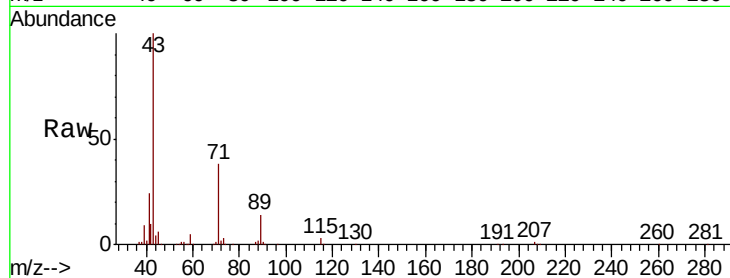
Tot Ion: 69 Resp: 1887

Ion Ratio Lower Upper

69 100

41 5194.5 53.6 80.4#

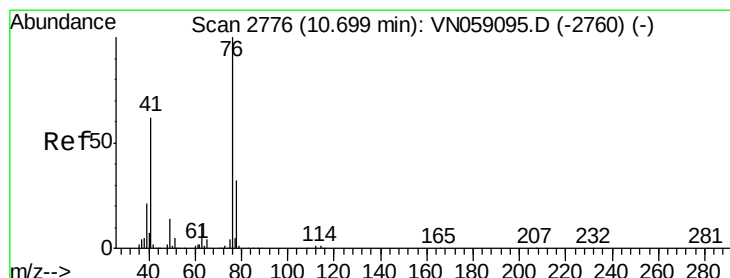
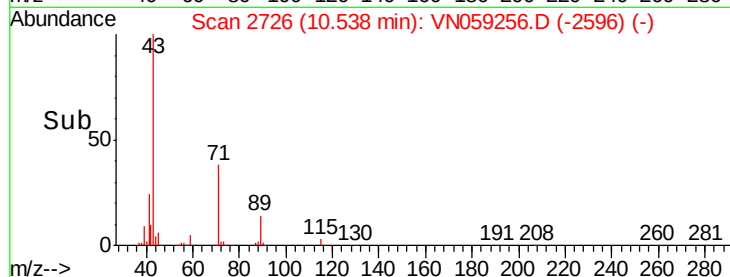
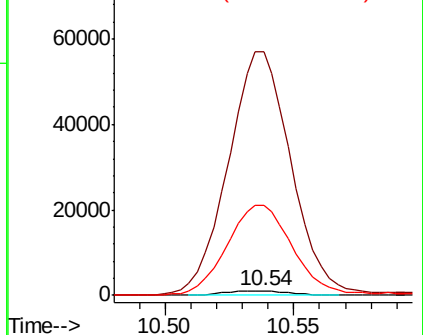
39 1994.1 26.2 39.4#



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



#57

1,3-Dichloropropane

Concen: 1.014 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN059256.D

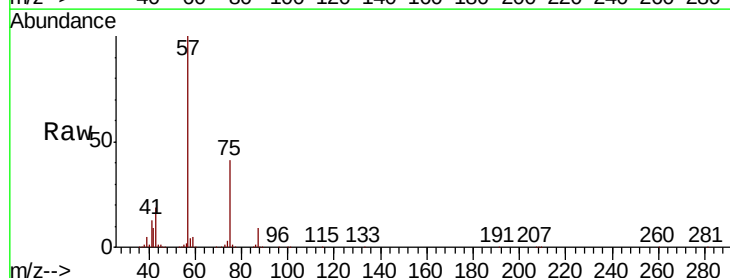
Acq: 15 Nov 2019 11:40

Tgt Ion: 76 Resp: 8731

Ion Ratio Lower Upper

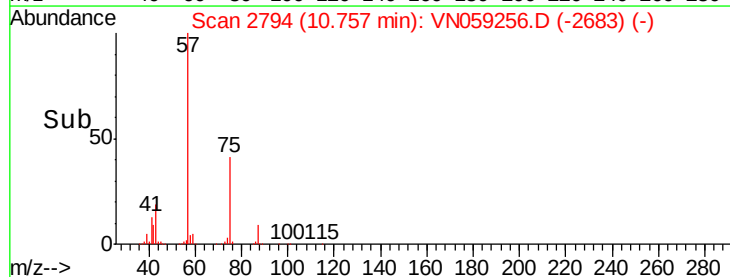
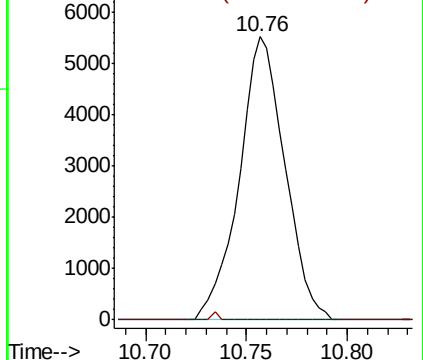
76 100

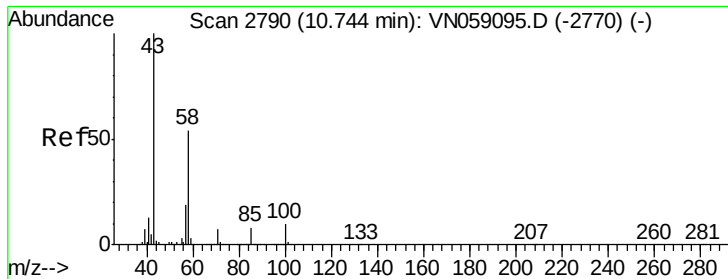
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

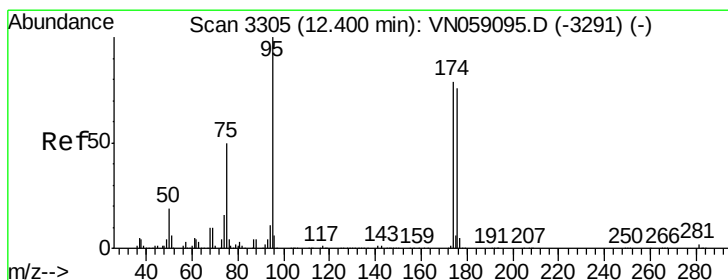
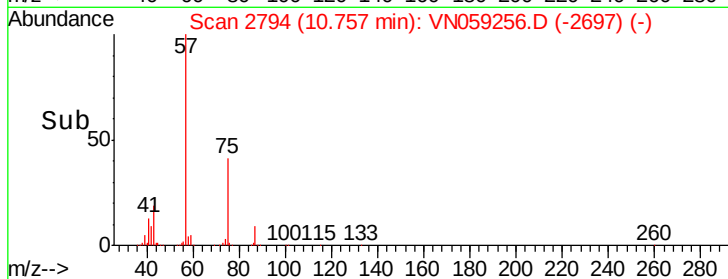
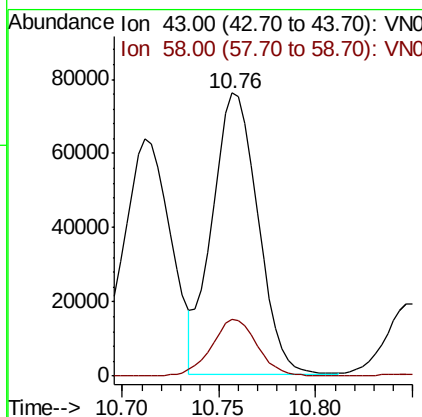
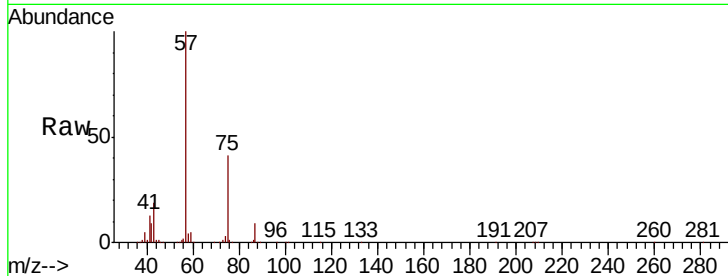




#59
2-Hexanone
Concen: 23.656 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN059256.D
Acq: 15 Nov 2019 11:40

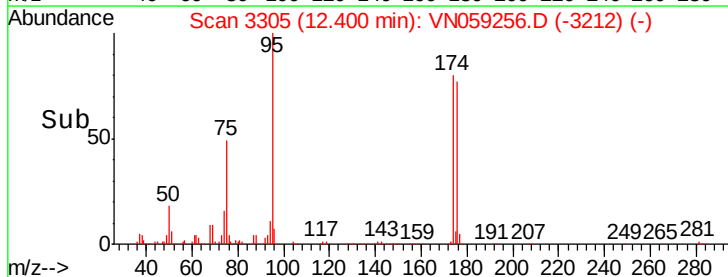
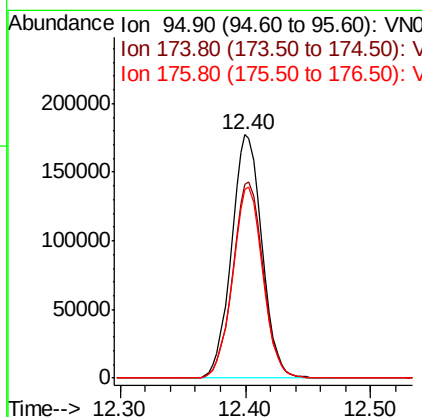
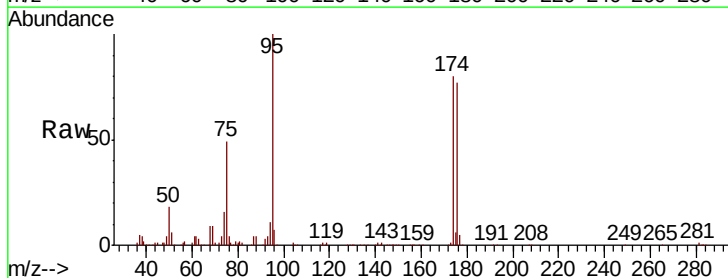
Instrument :
MSVOA_N
ClientSampled :

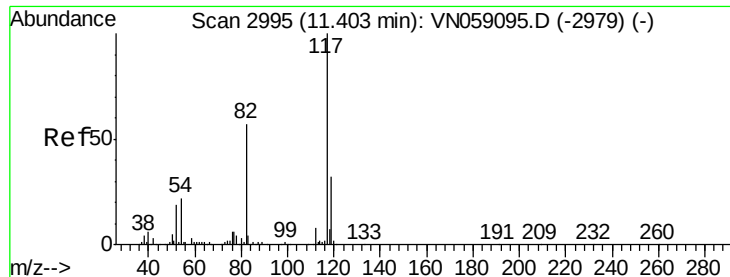
Tot Ion: 43 Resp: 124813
Ion Ratio Lower Upper
43 100
58 20.6 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 48.178 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059256.D
Acq: 15 Nov 2019 11:40

Tgt Ion: 95 Resp: 299408
Ion Ratio Lower Upper
95 100
174 80.4 0.0 158.2
176 77.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

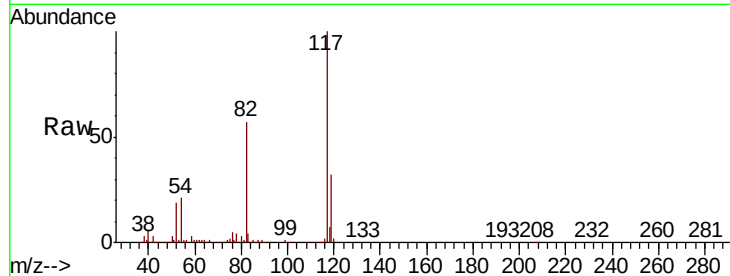
Tot Ion:117 Resp: 652503

Ion Ratio Lower Upper

117 100

82 56.9 45.8 68.8

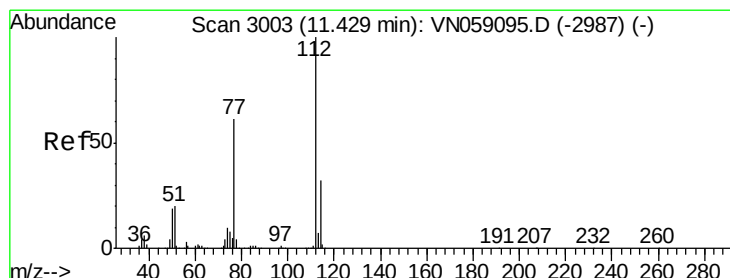
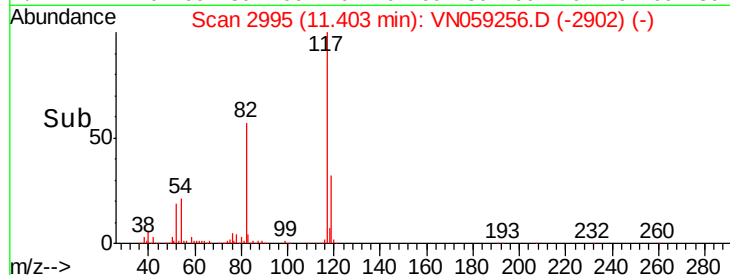
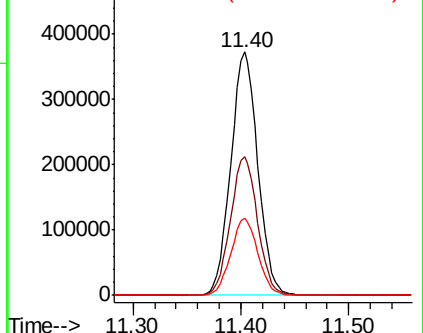
119 31.6 25.8 38.6



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



#65

Chlorobenzene

Concen: 0.353 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059256.D

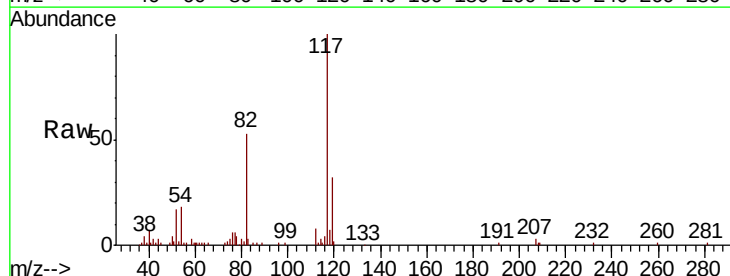
Acq: 15 Nov 2019 11:40

Tgt Ion:112 Resp: 4491

Ion Ratio Lower Upper

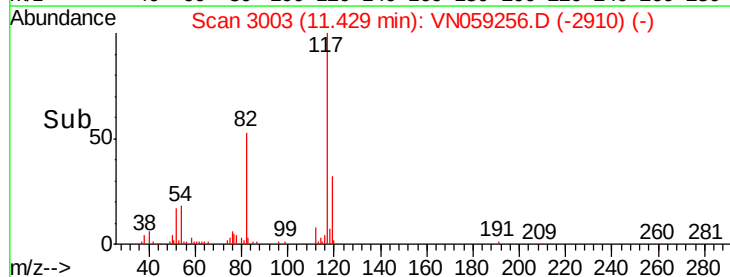
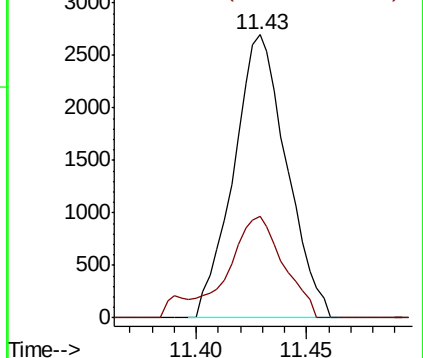
112 100

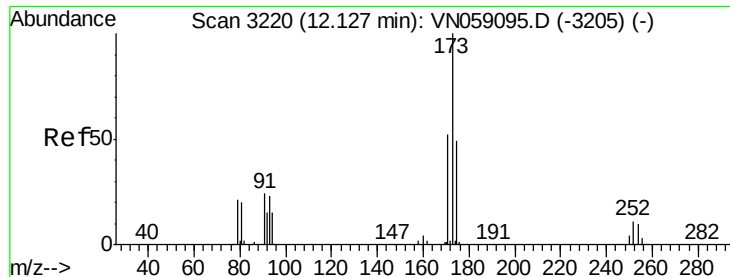
114 35.7 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 0.473 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

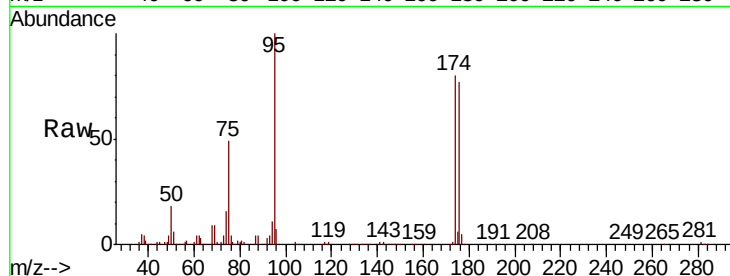
Tot Ion:173 Resp: 1756

Ion Ratio Lower Upper

173 100

175 844.2 24.2 72.6#

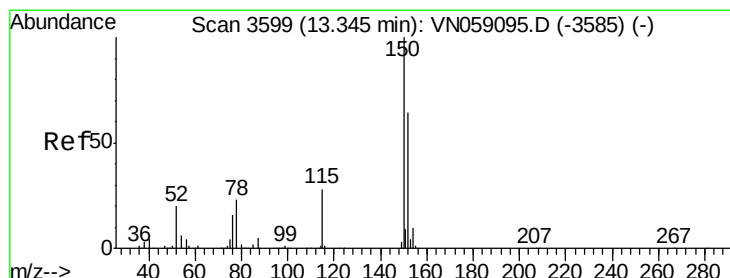
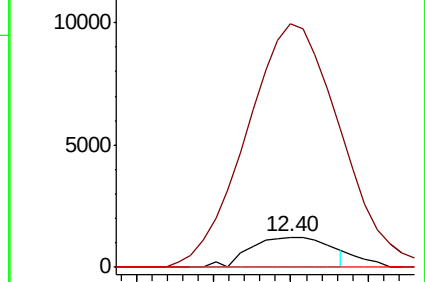
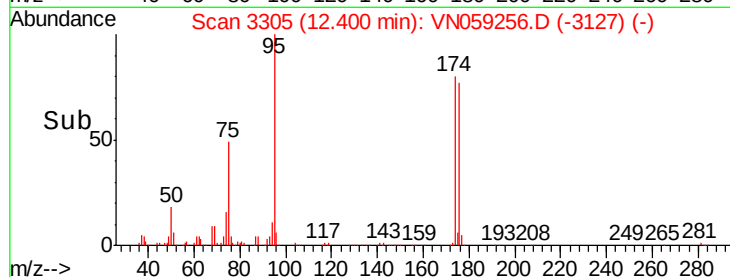
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

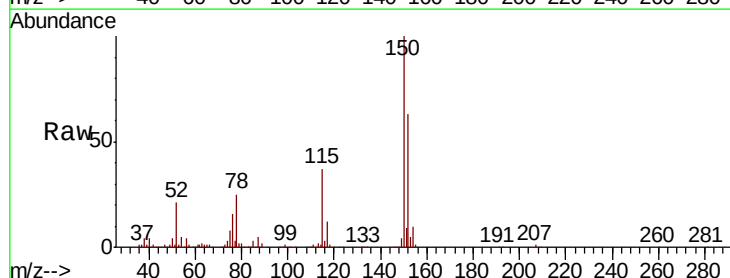
Tgt Ion:152 Resp: 233254

Ion Ratio Lower Upper

152 100

115 59.3 29.4 88.2

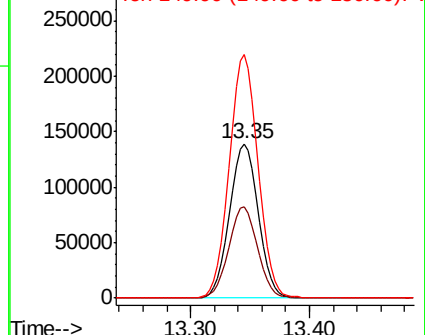
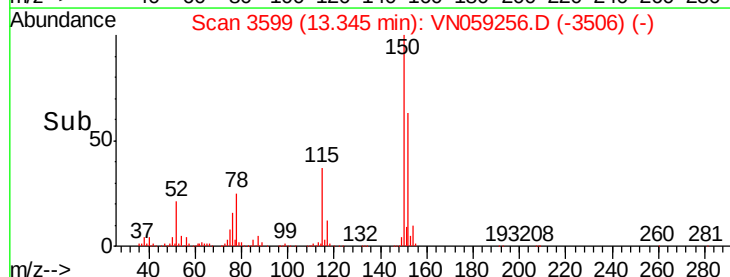
150 157.4 0.0 345.8

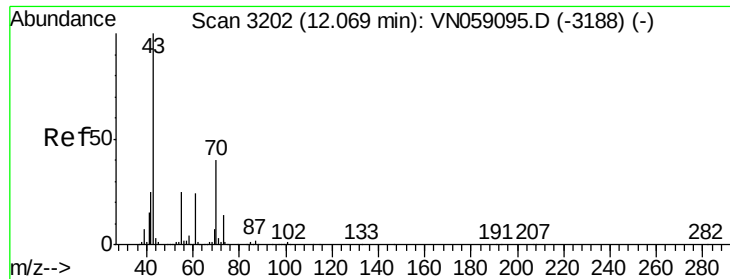


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.480 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 3451

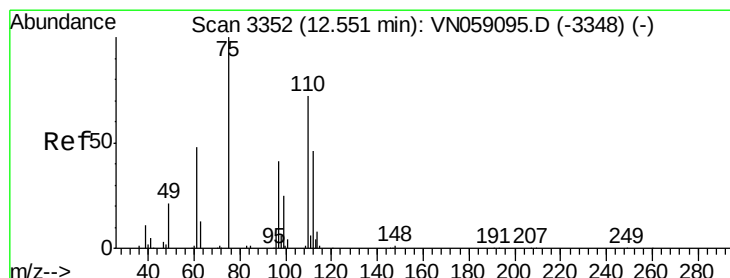
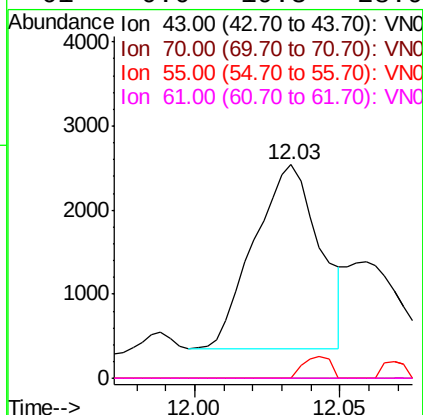
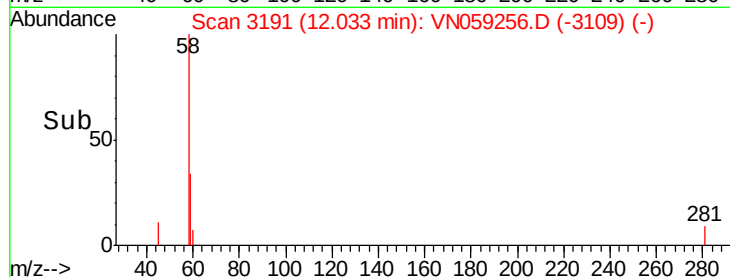
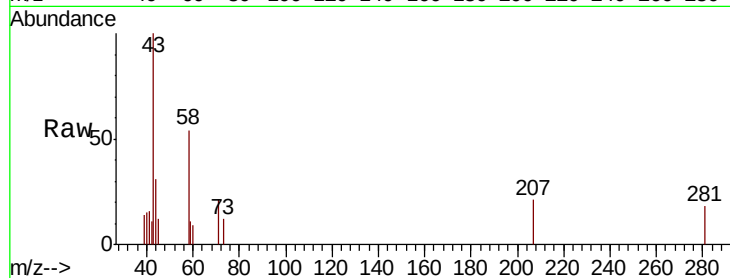
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 4.9 20.4 30.6#

61 0.0 19.3 28.9#



#76

1,2,3-Trichloropropane

Concen: 27.568 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059256.D

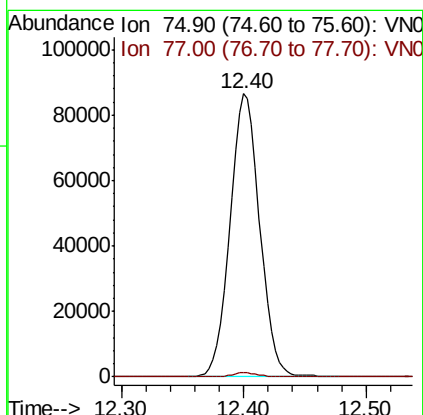
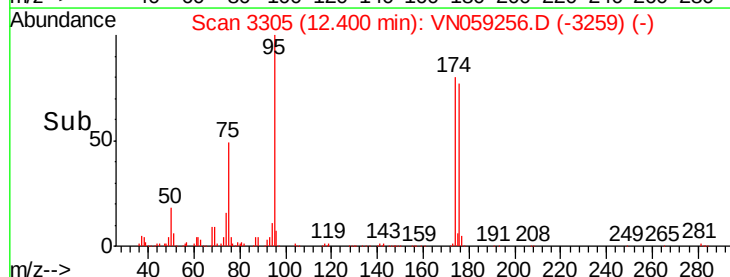
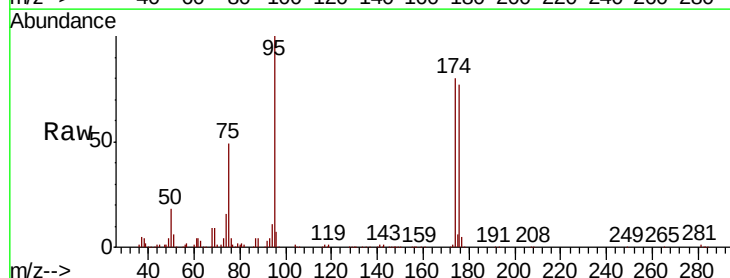
Acq: 15 Nov 2019 11:40

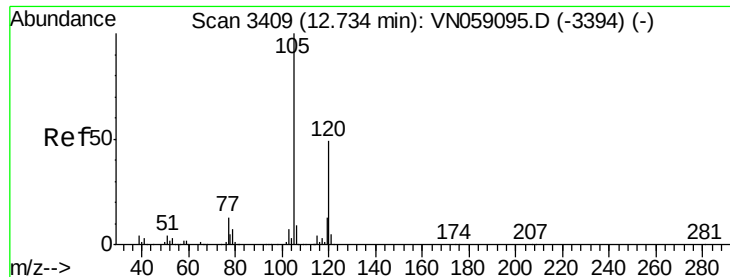
Tgt Ion: 75 Resp: 146398

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.524 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

Instrument :

MSVOA_N

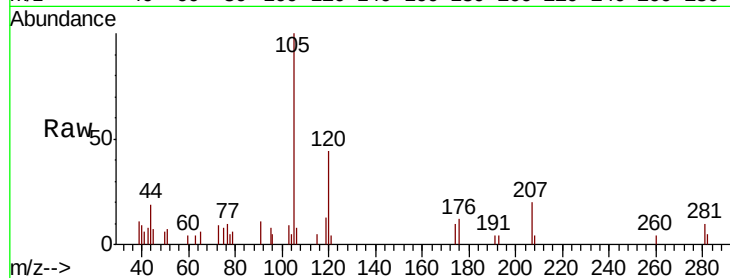
ClientSampled :

Tot Ion:105 Resp: 7539

Ion Ratio Lower Upper

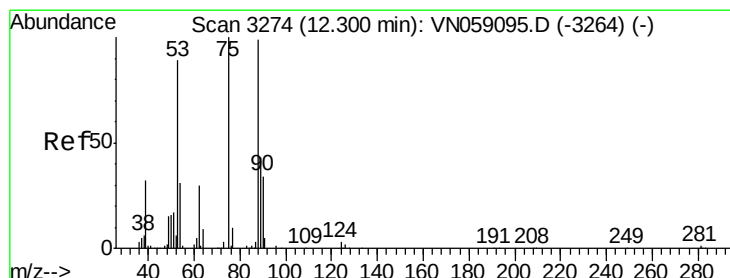
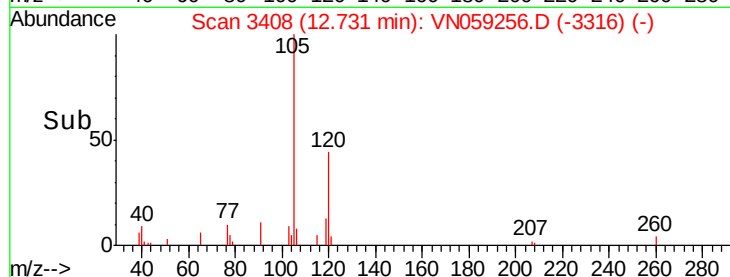
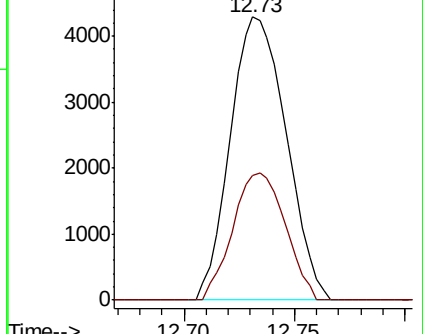
105 100

120 42.1 24.0 72.0



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: 72.815 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

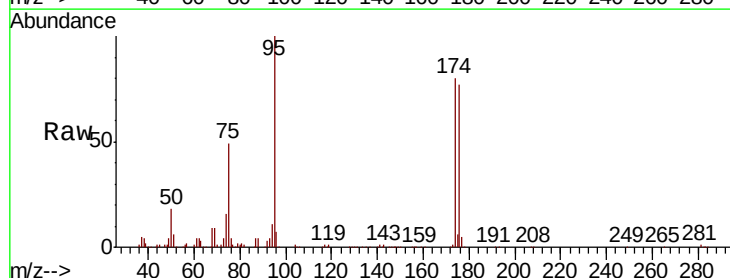
Tgt Ion: 75 Resp: 146398

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

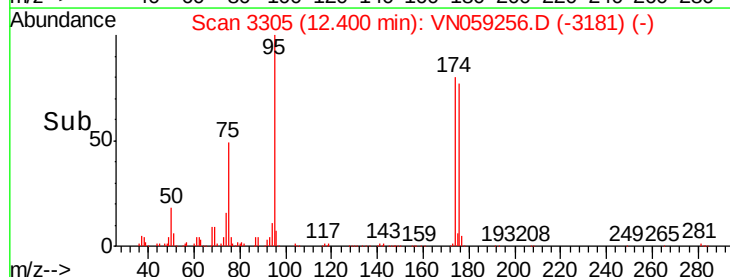
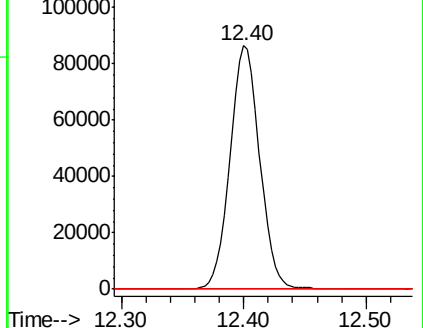
89 0.0 35.8 53.8#

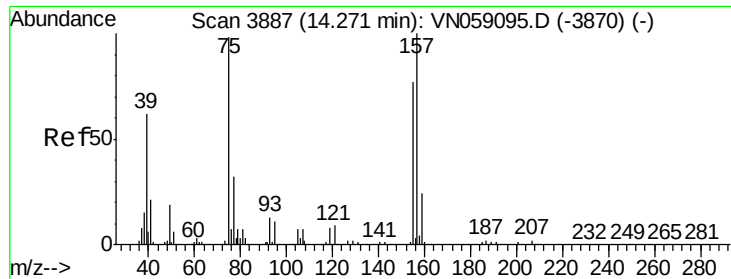


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.223 ug/l

RT: 14.26 min Scan# 3884

Delta R.T. -0.01 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

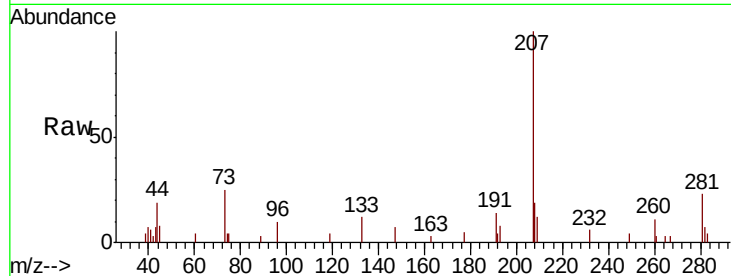
Tot Ion: 75 Resp: 227

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

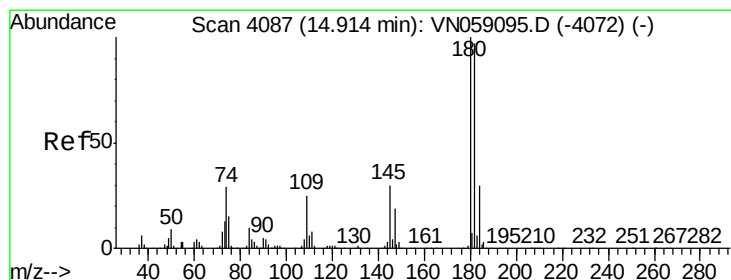
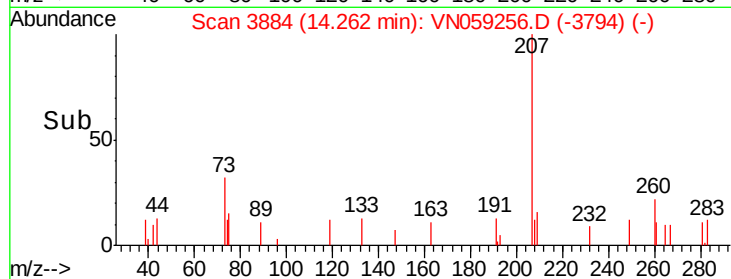
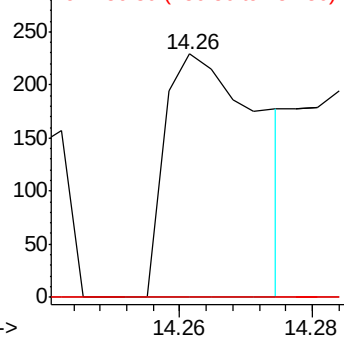
157 0.0 51.8 155.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 3.212 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

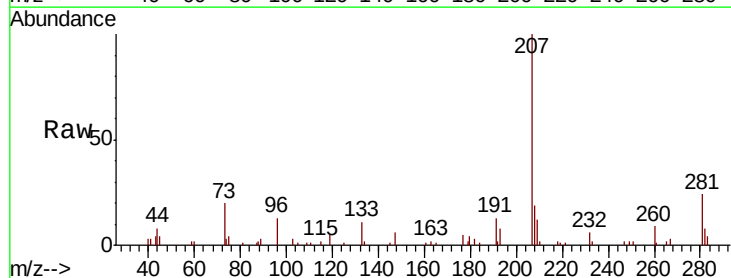
Tgt Ion: 180 Resp: 767

Ion Ratio Lower Upper

180 100

182 80.8 48.1 144.3

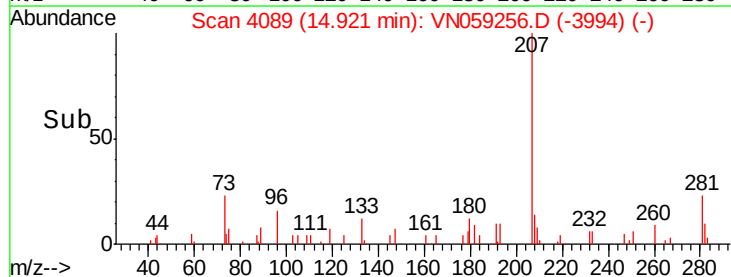
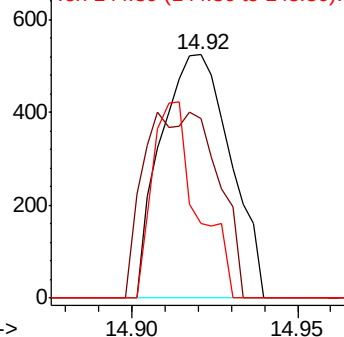
145 51.8 15.1 45.3#

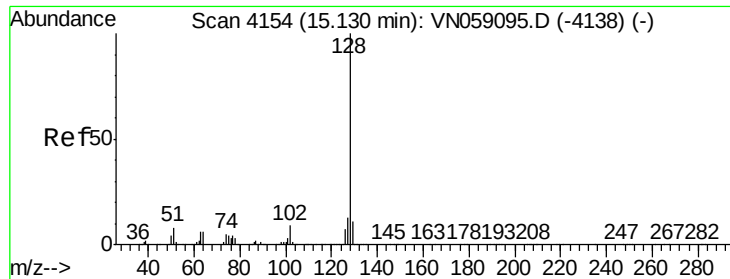


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.365 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

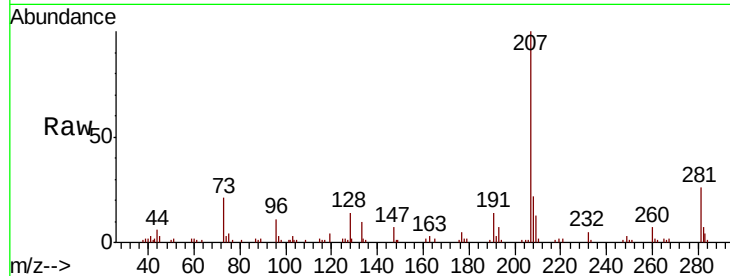
Tot Ion:128 Resp: 4123

Ion Ratio Lower Upper

128 100

127 3.4 10.2 15.2#

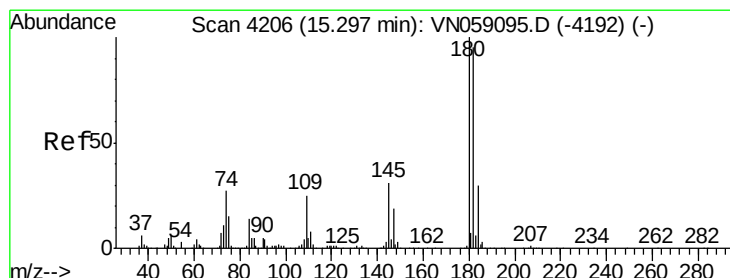
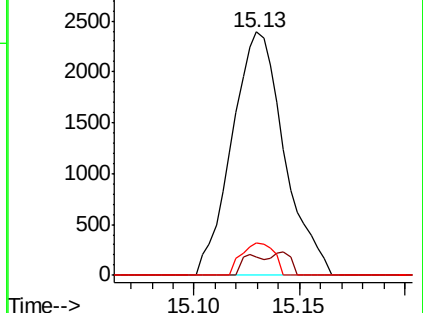
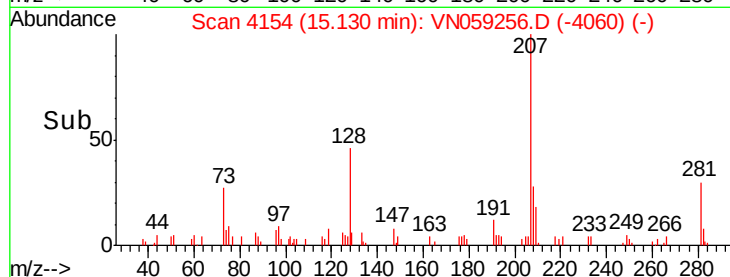
129 8.2 8.6 12.8#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.301 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059256.D

Acq: 15 Nov 2019 11:40

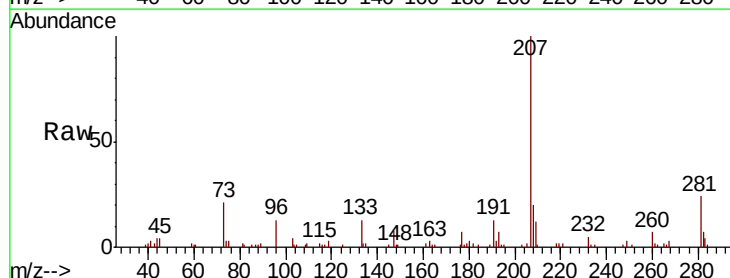
Tgt Ion:180 Resp: 1212

Ion Ratio Lower Upper

180 100

182 72.3 47.3 141.8

145 64.0 15.8 47.3#



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

