

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110619\
 Data File : VN059101.D
 Acq On : 6 Nov 2019 12:51
 Operator : JC/SP
 Sample : PB124560TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124560TB

Quant Time: Nov 07 04:04:35 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	7.64	168	449493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	700121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	624156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222970	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	282070	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
35) Dibromofluoromethane	7.57	113	217267	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
50) Toluene-d8	10.08	98	873545	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.40	95	279626	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	

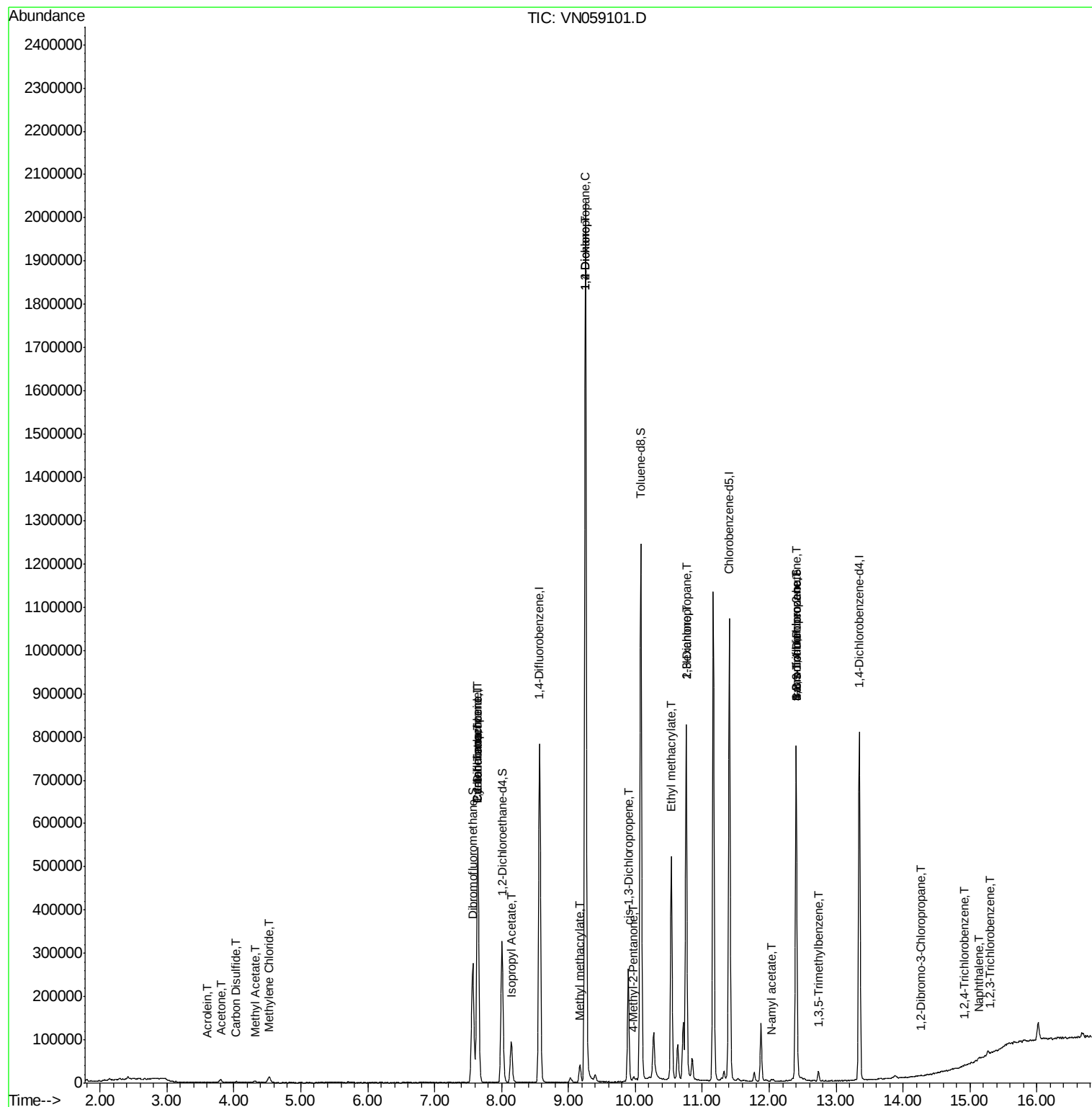
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	218	0.402	ug/l #	14
16) Acetone	3.80	43	11669	4.061	ug/l	94
17) Carbon Disulfide	4.03	76	2929	0.225	ug/l #	82
18) Methyl Acetate	4.31	43	4524	0.663	ug/l #	76
20) Methylene Chloride	4.52	84	10462	2.090	ug/l	96
31) Cyclohexane	7.64	56	9500	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	35144	5.370	ug/l #	49
38) Carbon Tetrachloride	7.65	117	42443	6.516	ug/l #	17
43) Isopropyl Acetate	8.15	43	112625	9.704	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	2503	0.468	ug/l #	44
48) Methyl methacrylate	9.17	41	6407	1.234	ug/l #	14
49) 1,4-Dioxane	9.26	88	66	0.715	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	7242	1.103	ug/l	100
54) cis-1,3-Dichloropropene	9.89	75	46444	5.611	ug/l #	63
56) Ethyl methacrylate	10.54	69	1766	2.086	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	8263	1.004	ug/l #	42
59) 2-Hexanone	10.76	43	126459	25.088	ug/l #	51
71) Bromoform	12.40	173	1443	0.406	ug/l #	1
74) N-amyl acetate	12.03	43	5088	0.740	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	137563	27.099	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	12076	0.879	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	137563	71.576	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	435	0.421	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	792	3.225	ug/l	63
95) Naphthalene	15.13	128	2568	3.254	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.30	180	942	0.245	ug/l	90

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

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PB124560TB

Quant Time: Nov 07 04:04:35 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

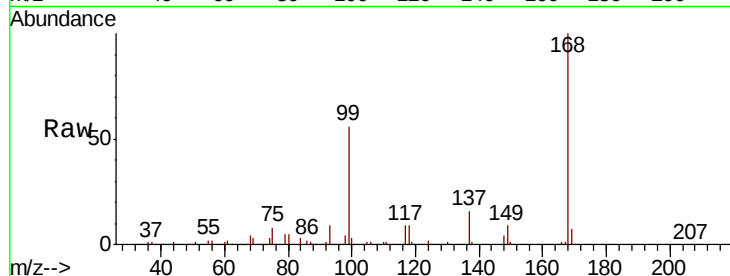
PB124560TB

Tot Ion:168 Resp: 449493

Ion Ratio Lower Upper

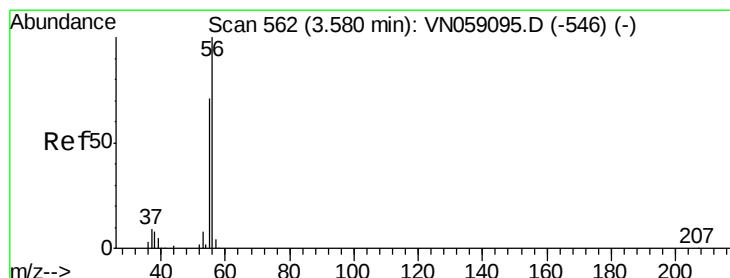
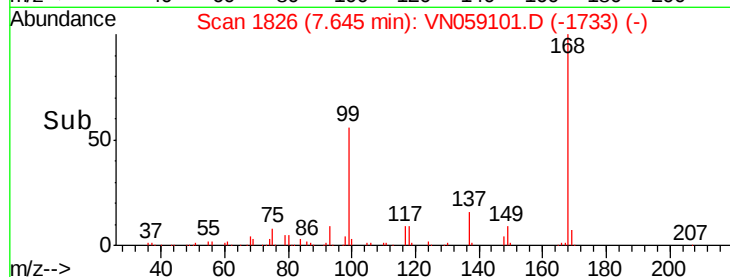
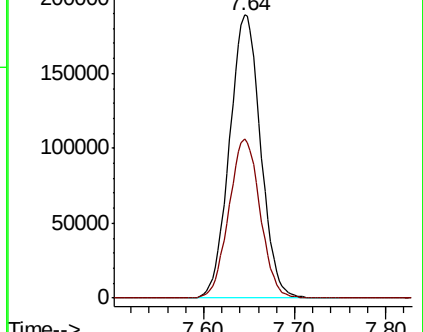
168 100

99 56.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059101.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059101.D (-1733) (-)



#13

Acrolein

Concen: 0.402 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.02 min

Lab File: VN059101.D

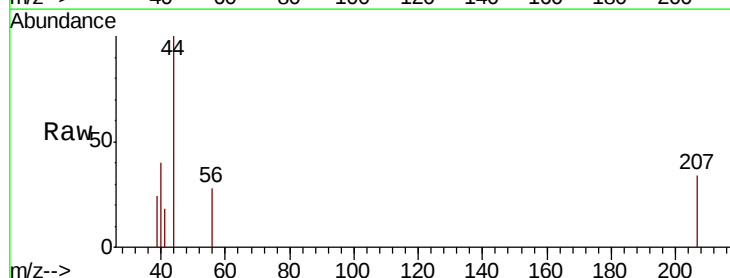
Acq: 6 Nov 2019 12:51

Tgt Ion: 56 Resp: 218

Ion Ratio Lower Upper

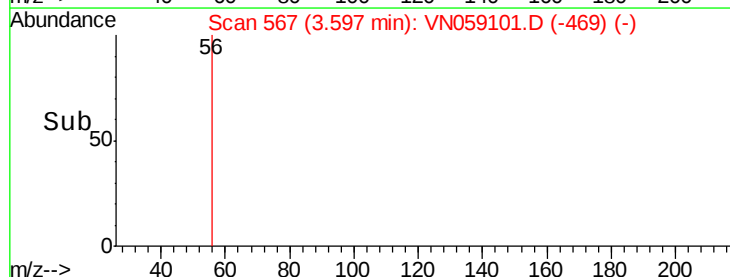
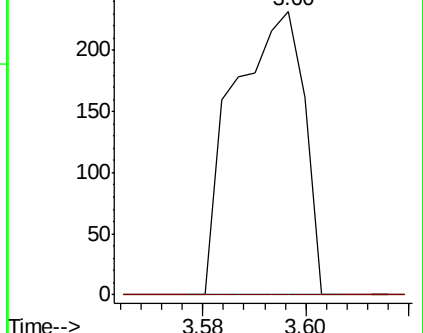
56 100

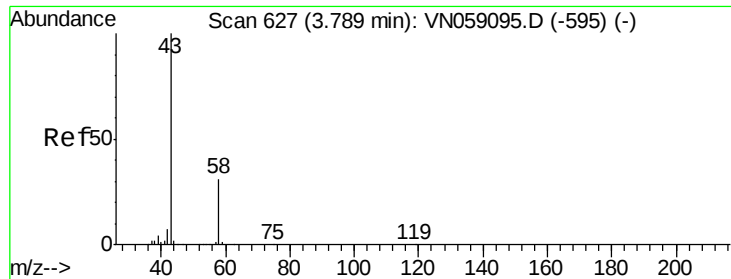
55 0.0 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VN059101.D (-469) (-)

Ion 55.00 (54.70 to 55.70): VN059101.D (-469) (-)

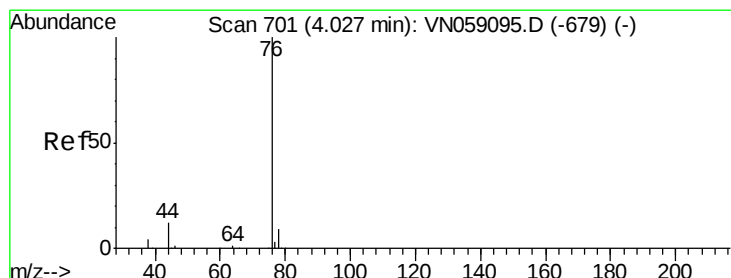
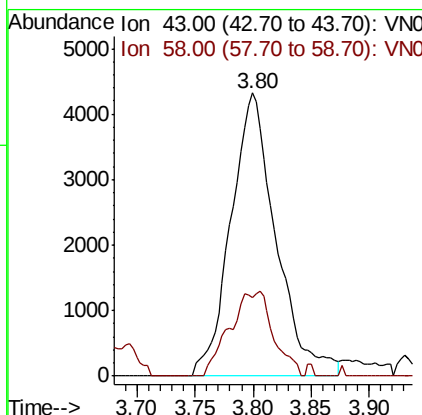
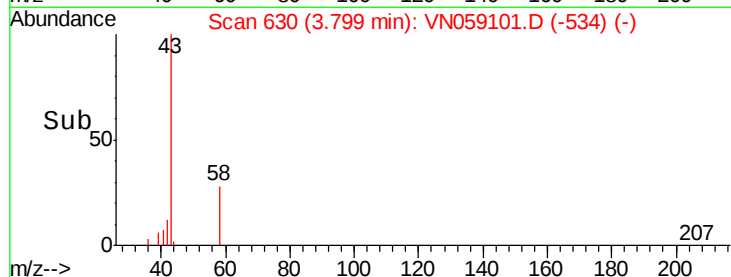
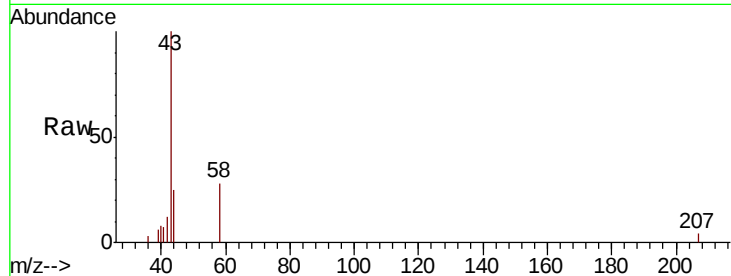




#16
Acetone
Concen: 4.061 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN059101.D
Acq: 6 Nov 2019 12:51

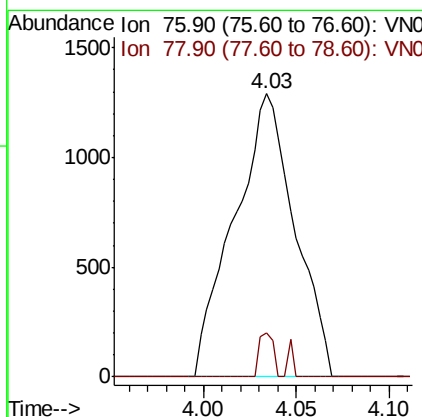
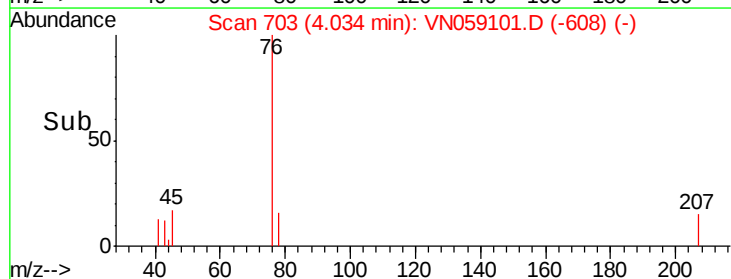
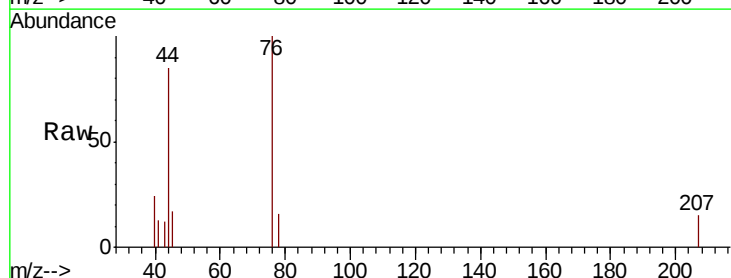
Instrument :
MSVOA_N
ClientSampleId :
PB124560TB

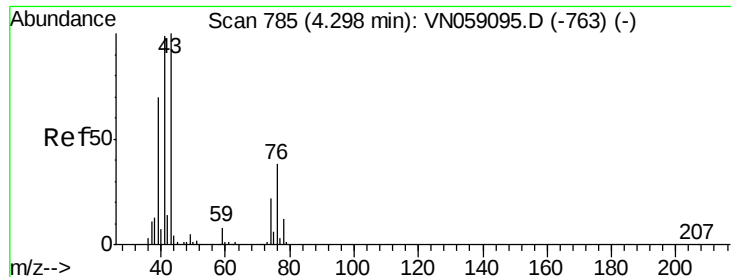
Tot Ion: 43 Resp: 11669
Ion Ratio Lower Upper
43 100
58 27.9 24.9 37.3



#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.01 min
Lab File: VN059101.D
Acq: 6 Nov 2019 12:51

Tgt Ion: 76 Resp: 2929
Ion Ratio Lower Upper
76 100
78 15.7 7.4 11.0#

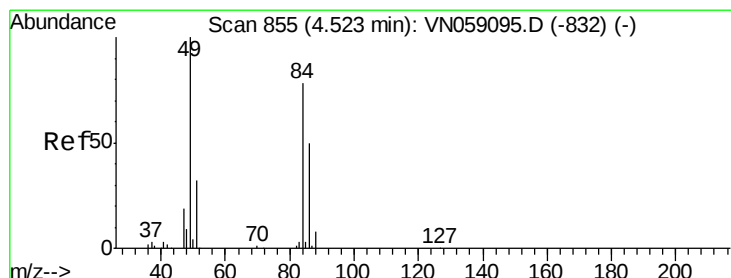
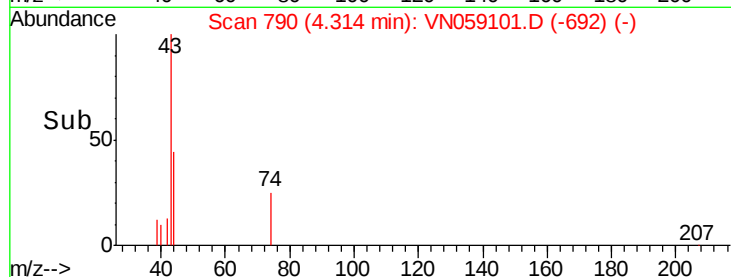
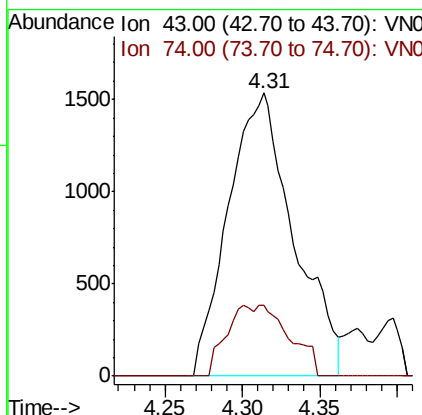
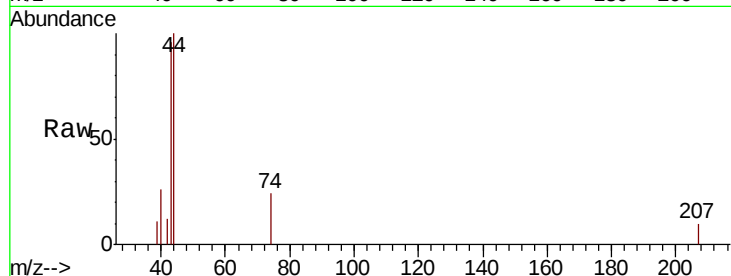




#18
Methyl Acetate
Concen: 0.663 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.02 min
Lab File: VN059101.D
Acq: 6 Nov 2019 12:51

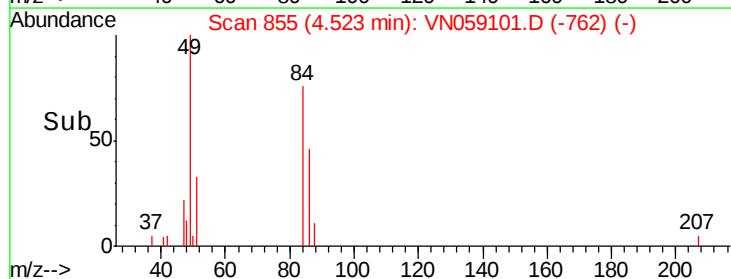
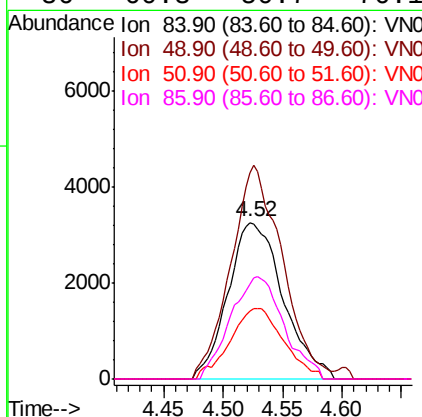
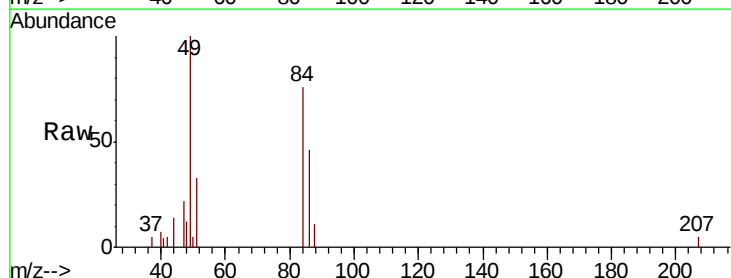
Instrument :
MSVOA_N
ClientSampleId :
PB124560TB

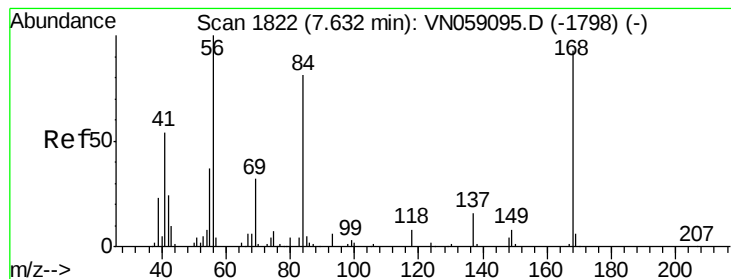
Tot Ion: 43 Resp: 4524
Ion Ratio Lower Upper
43 100
74 10.8 17.8 26.8#



#20
Methylene Chloride
Concen: 2.090 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059101.D
Acq: 6 Nov 2019 12:51

Tgt Ion: 84 Resp: 10462
Ion Ratio Lower Upper
84 100
49 132.1 102.0 153.0
51 43.8 32.2 48.2
86 60.3 50.7 76.1





#31

Cyclohexane

Concen: 1.104 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

PB124560TB

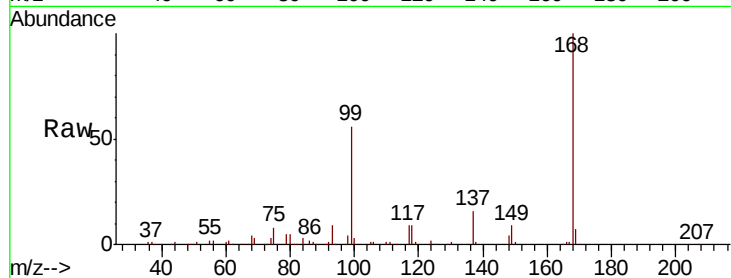
Tot Ion: 56 Resp: 9500

Ion Ratio Lower Upper

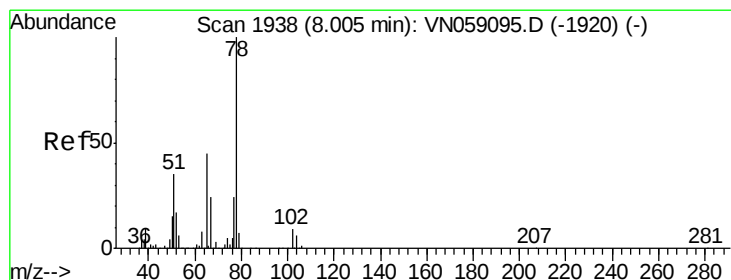
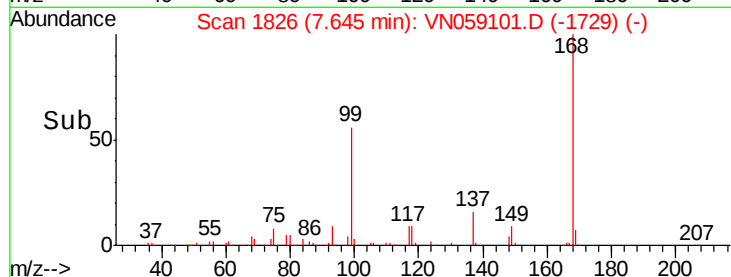
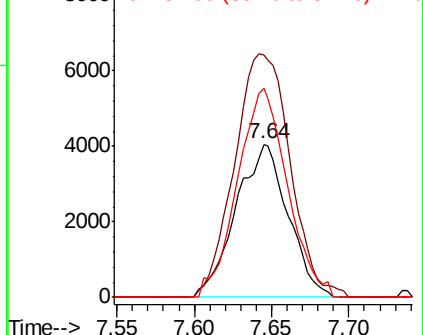
56 100

69 158.3 25.8 38.8#

84 136.7 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: 51.049 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059101.D

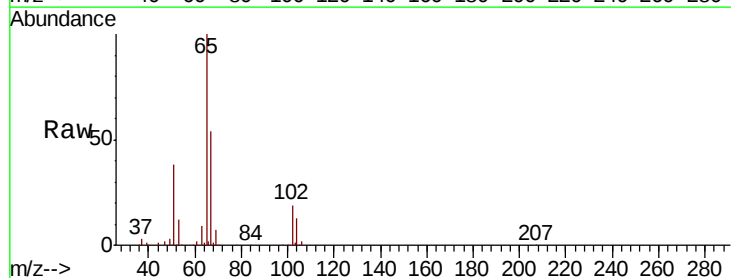
Acq: 6 Nov 2019 12:51

Tgt Ion: 65 Resp: 282070

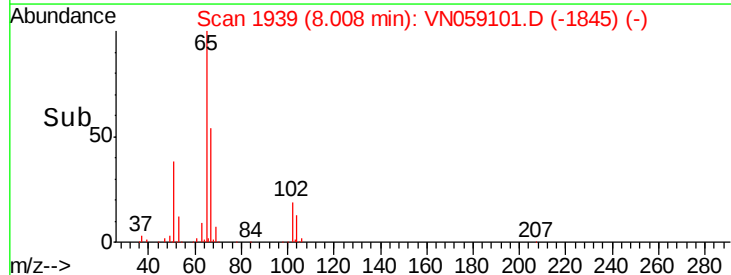
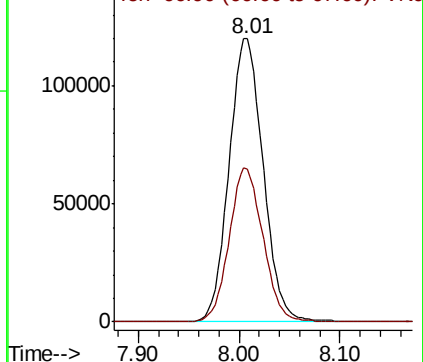
Ion Ratio Lower Upper

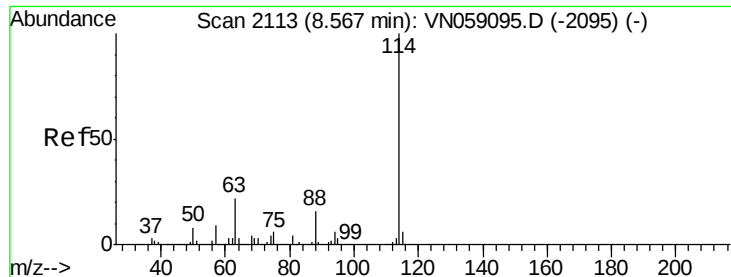
65 100

67 54.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

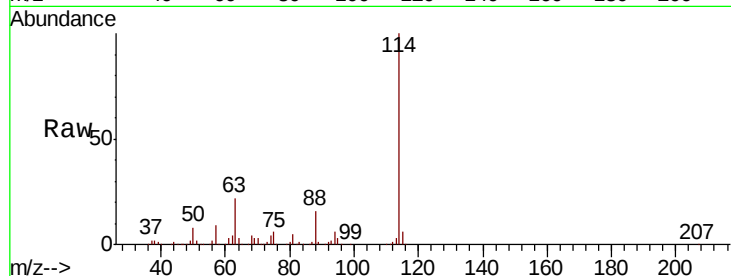




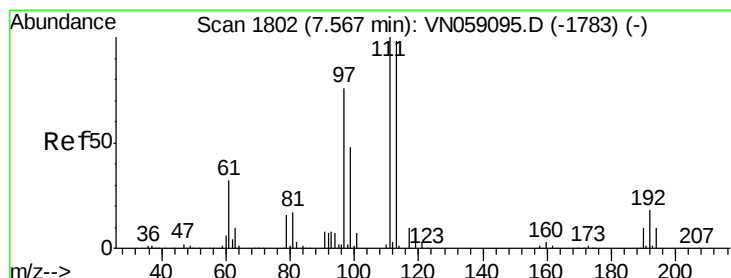
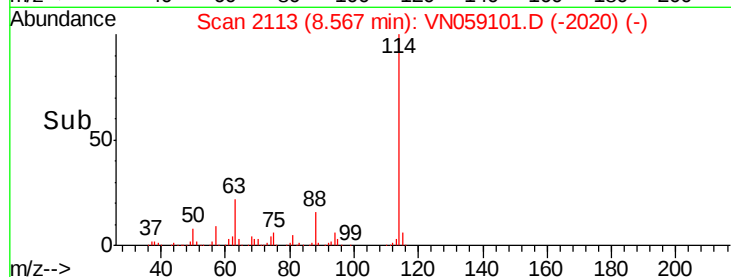
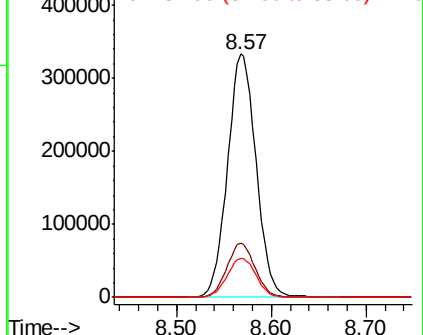
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059101.D
 Acq: 6 Nov 2019 12:51

Instrument :
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 PB124560TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.4
88	15.9	0.0	32.2

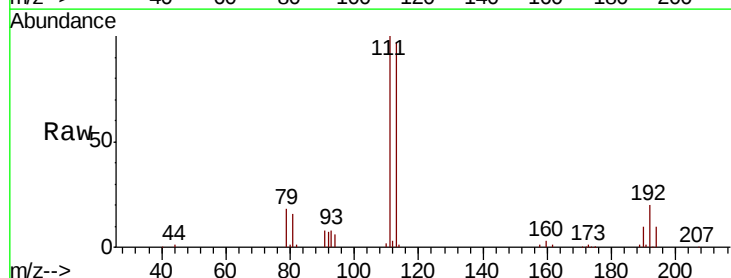


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

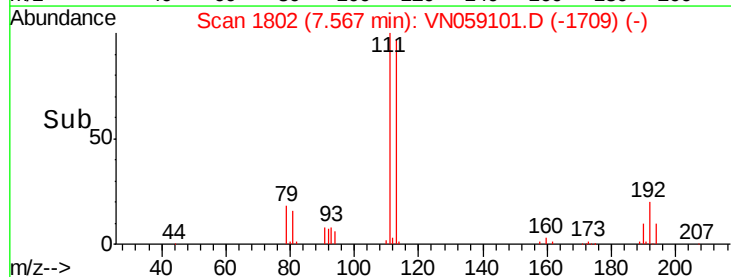
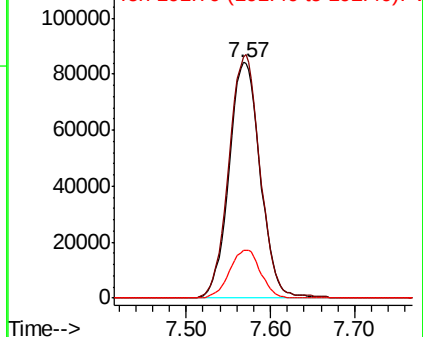


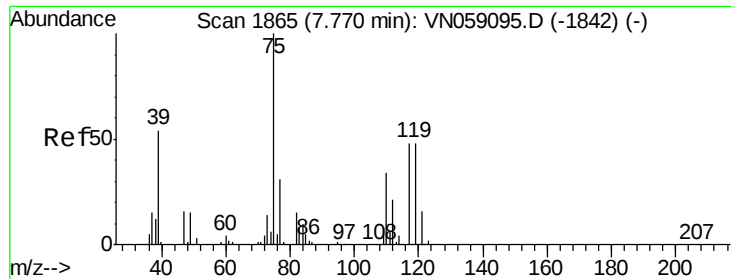
#35
 Dibromofluoromethane
 Concen: 51.973 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059101.D
 Acq: 6 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	20.3	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

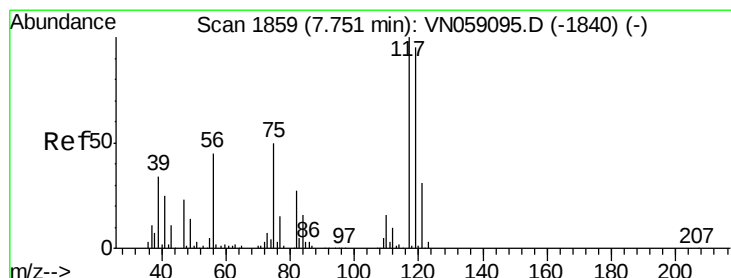
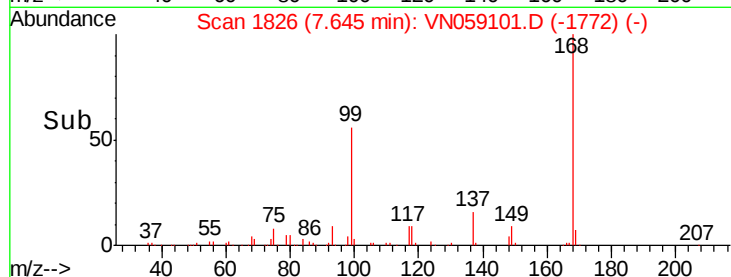
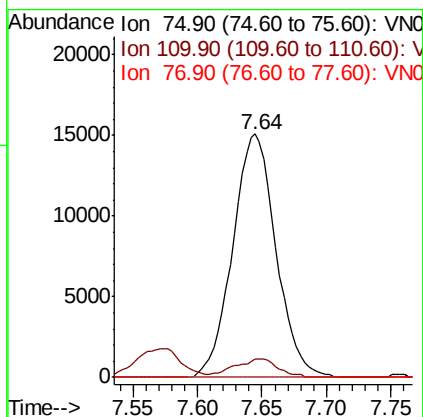
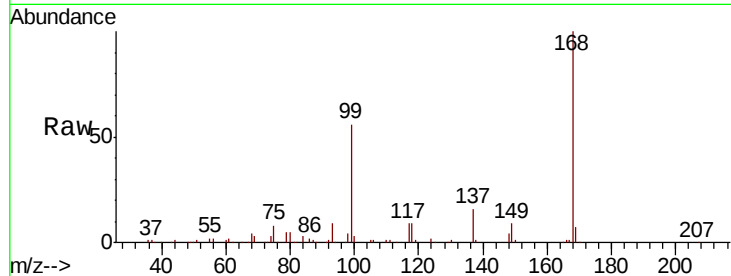




#36
 1,1-Dichloropropene
 Concen: 5.370 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059101.D
 Acq: 6 Nov 2019 12:51

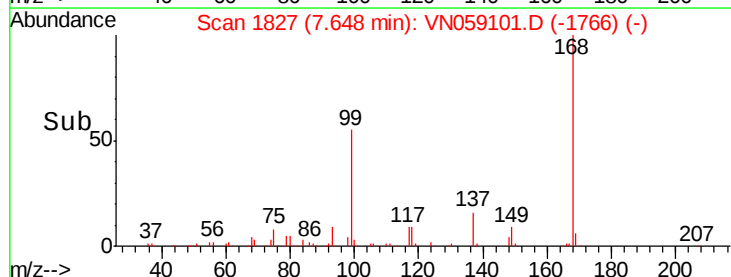
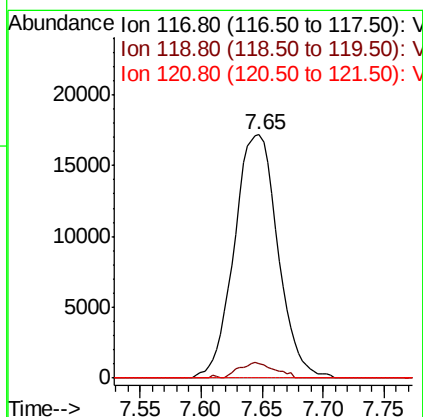
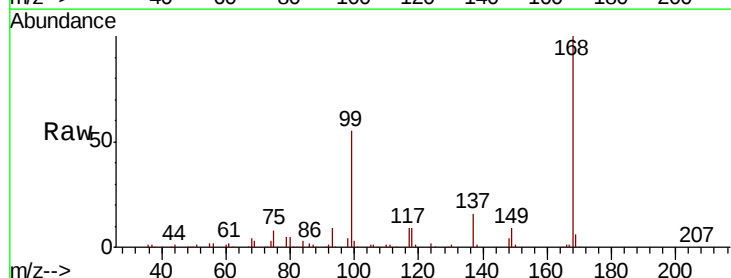
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124560TB

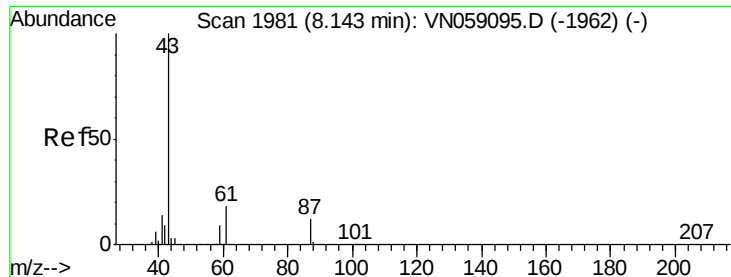
Tot Ion: 75 Resp: 35144
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.1 51.2#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.516 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.10 min
 Lab File: VN059101.D
 Acq: 6 Nov 2019 12:51

Tgt Ion: 117 Resp: 42443
 Ion Ratio Lower Upper
 117 100
 119 6.2 75.6 113.4#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 9.704 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampleID :

PB124560TB

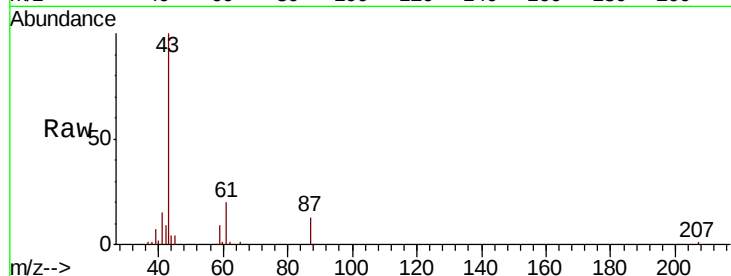
Tot Ion: 43 Resp: 112625

Ion Ratio Lower Upper

43 100

61 19.5 21.0 31.6#

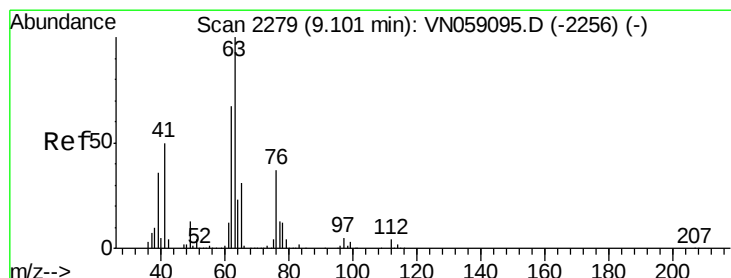
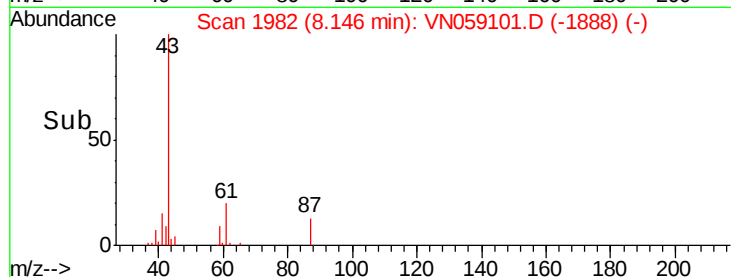
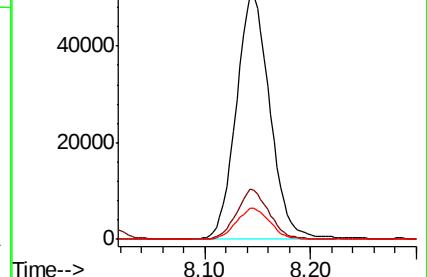
87 12.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059095.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1962) (-)



#45

1,2-Dichloropropane

Concen: 0.468 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN059101.D

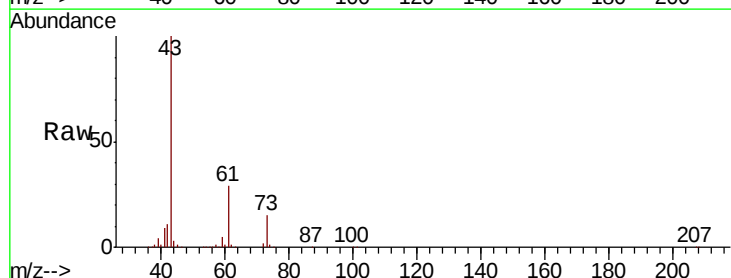
Acq: 6 Nov 2019 12:51

Tgt Ion: 63 Resp: 2503

Ion Ratio Lower Upper

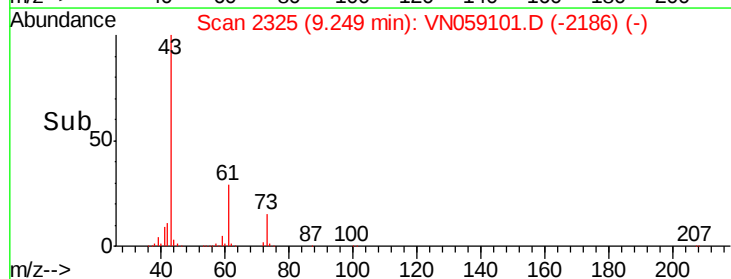
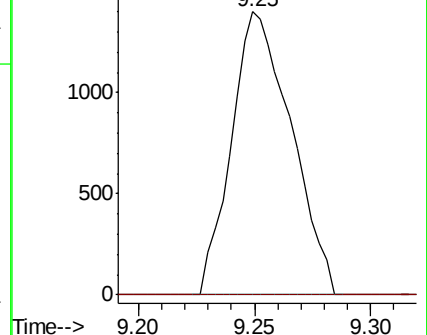
63 100

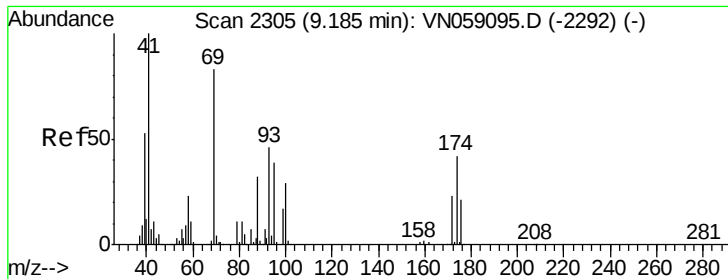
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN059095.D (-2256) (-)

Ion 64.90 (64.60 to 65.60): VN059095.D (-2256) (-)

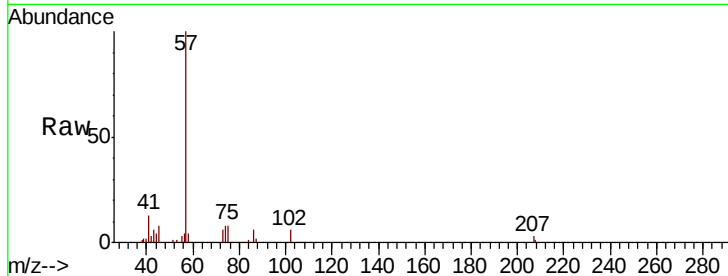




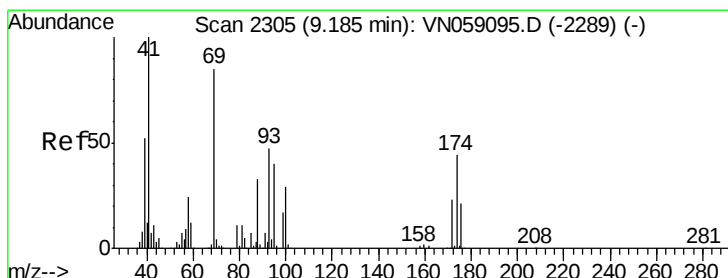
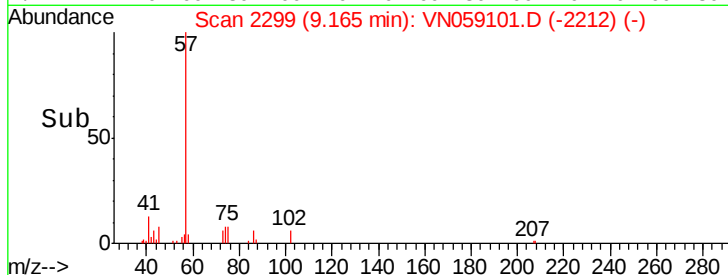
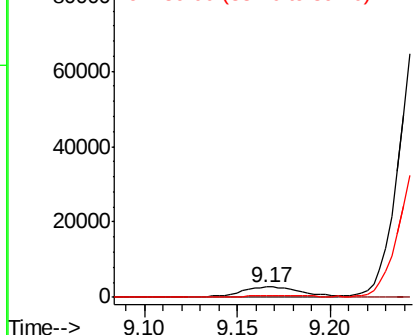
#48
Methvl methacrylate
Concen: 1.234 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.02 min
Lab File: VN059101.D
Acq: 6 Nov 2019 12:51

Instrument :
MSVOA_N
ClientSampleId :
PB124560TB

Tot Ion: 41 Resp: 6407
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 43.3 64.9#

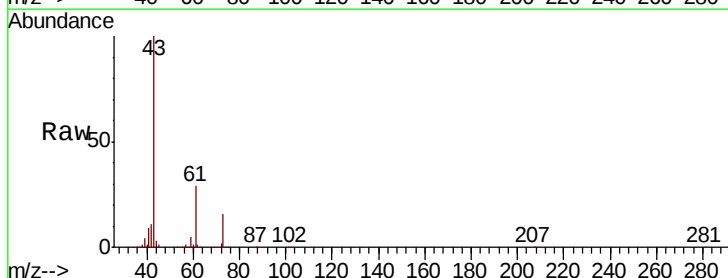


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

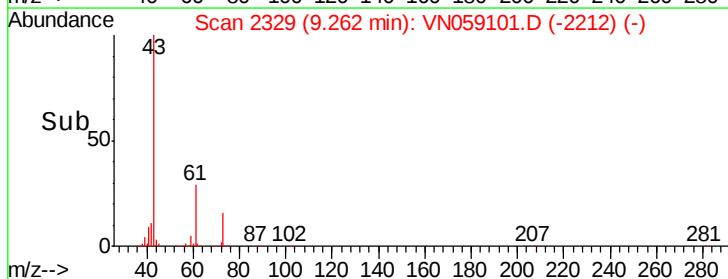
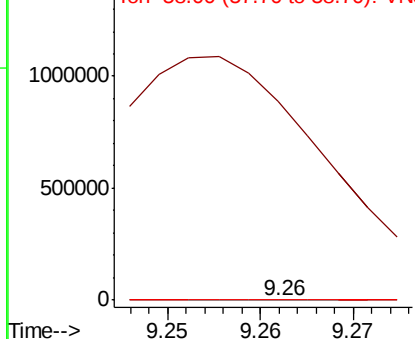


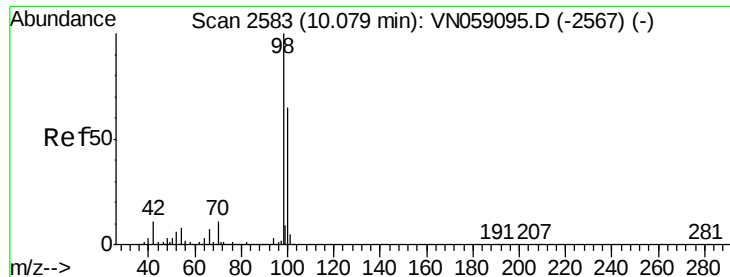
#49
1,4-Dioxane
Concen: 0.715 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.08 min
Lab File: VN059101.D
Acq: 6 Nov 2019 12:51

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 3097253.0 26.3 39.5#
58 13628.8 60.6 90.8#



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





#50

Toluene-d8

Concen: 53.051 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampled :

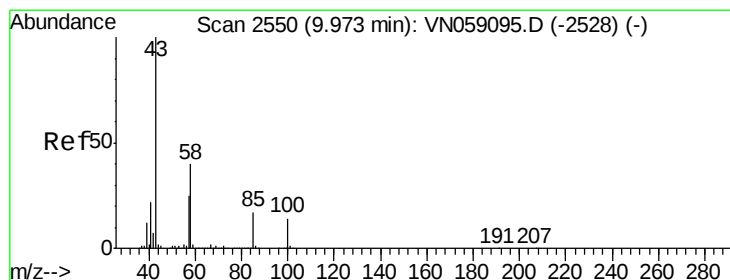
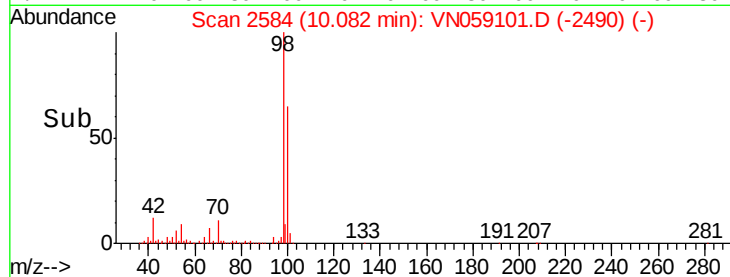
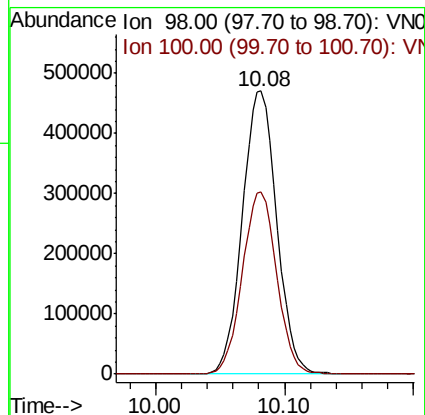
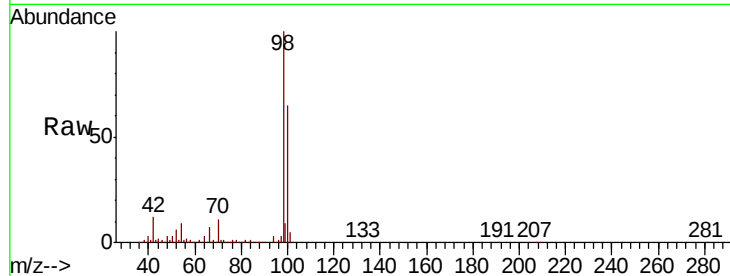
PB124560TB

Tot Ion: 98 Resp: 873545

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.103 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059101.D

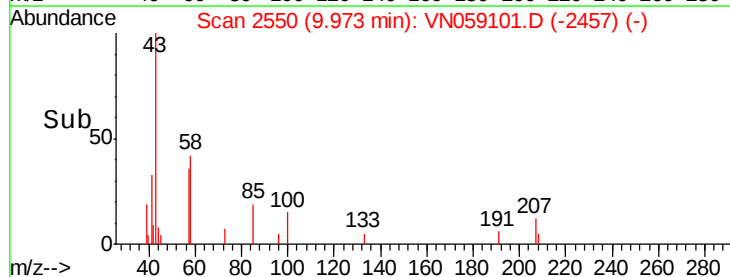
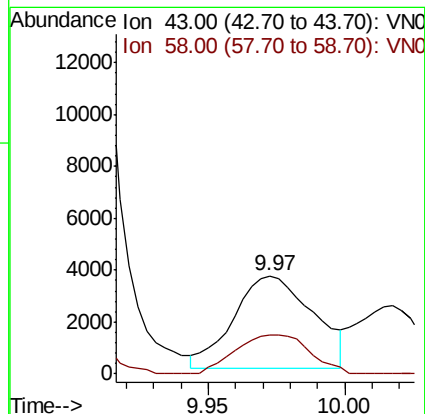
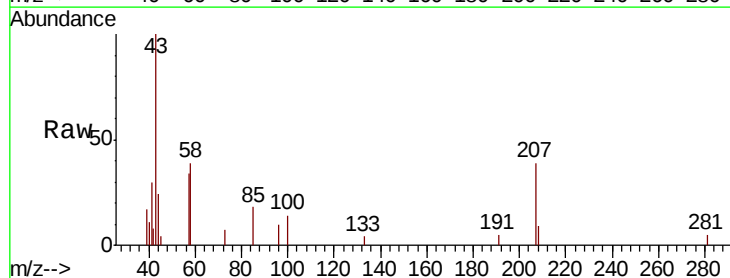
Acq: 6 Nov 2019 12:51

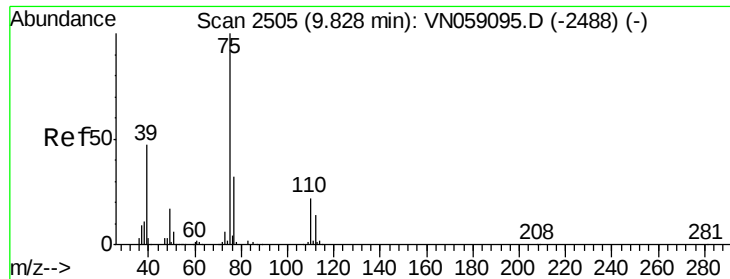
Tgt Ion: 43 Resp: 7242

Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3





#54

cis-1,3-Dichloropropene

Concen: 5.611 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.06 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

PB124560TB

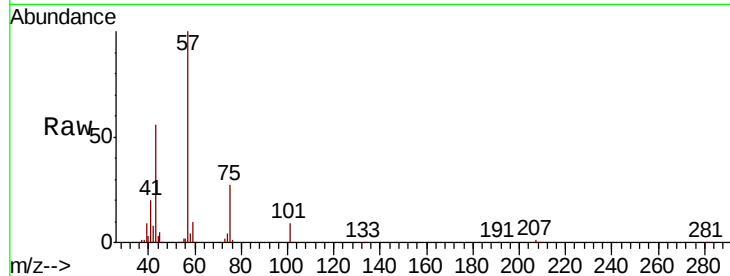
Tot Ion: 75 Resp: 46444

Ion Ratio Lower Upper

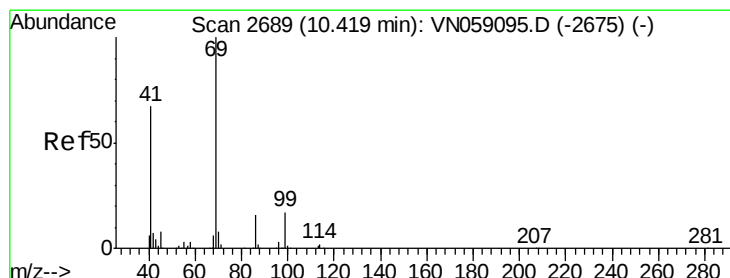
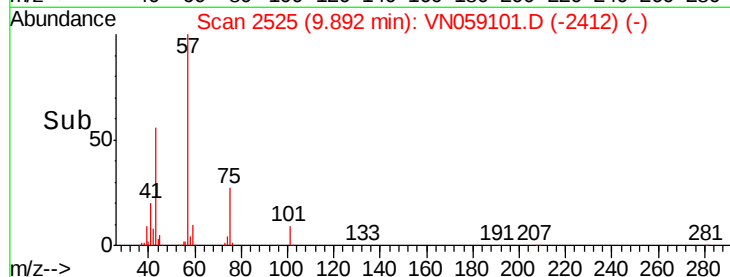
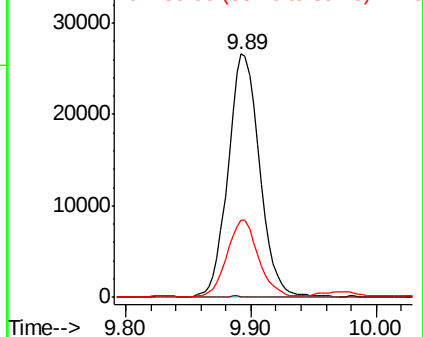
75 100

77 0.0 25.5 38.3#

39 31.5 37.3 55.9#



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



#56

Ethyl methacrylate

Concen: 2.086 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

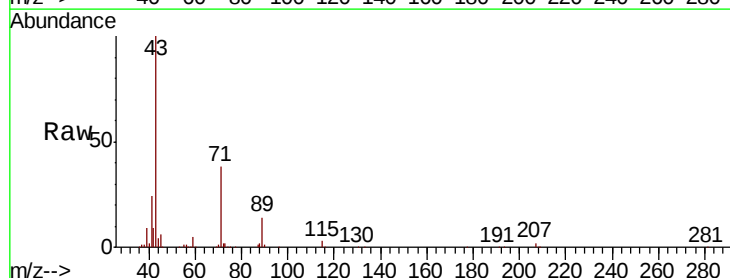
Tgt Ion: 69 Resp: 1766

Ion Ratio Lower Upper

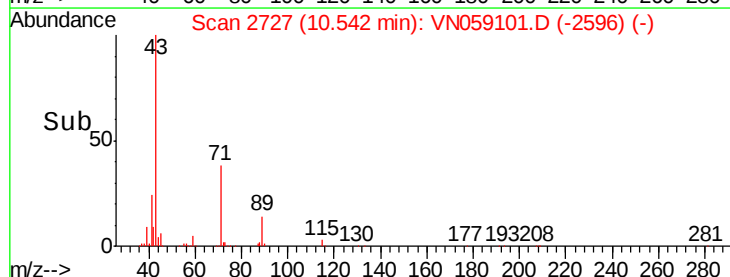
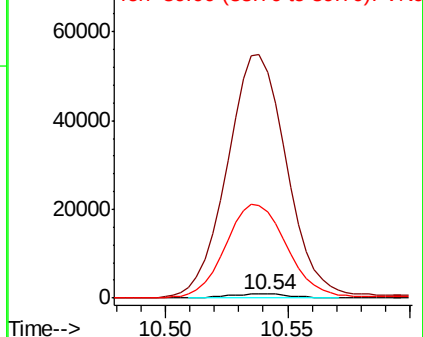
69 100

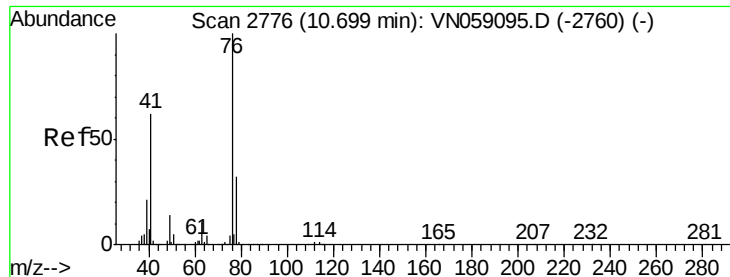
41 5335.8 53.6 80.4#

39 2122.4 26.2 39.4#



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





#57

1,3-Dichloropropane

Concen: 1.004 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampled :

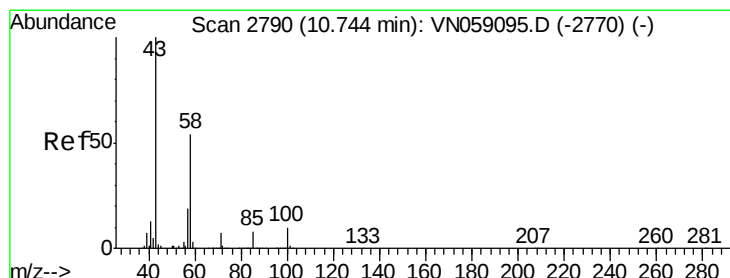
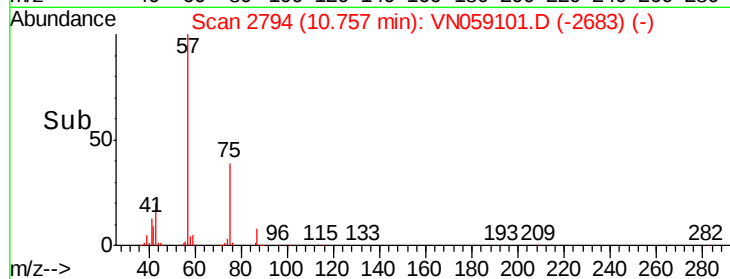
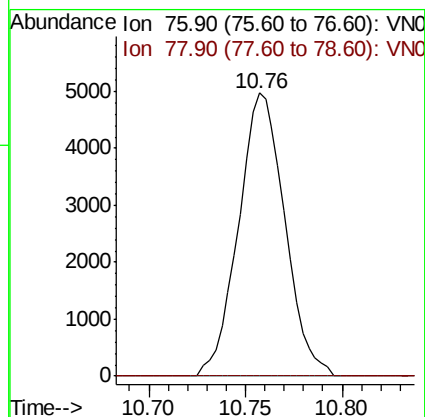
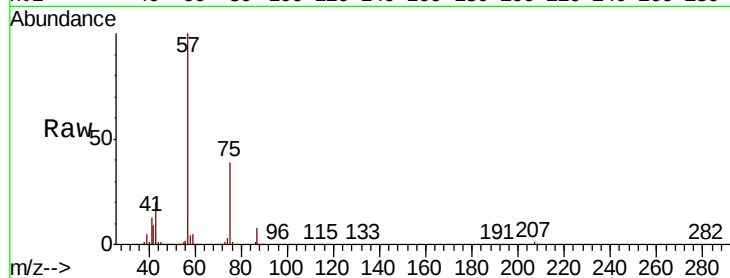
PB124560TB

Tot Ion: 76 Resp: 8263

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 25.088 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.02 min

Lab File: VN059101.D

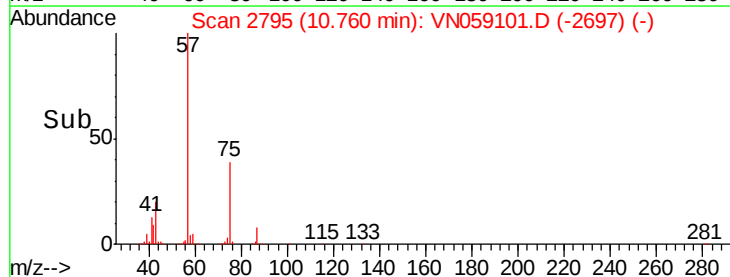
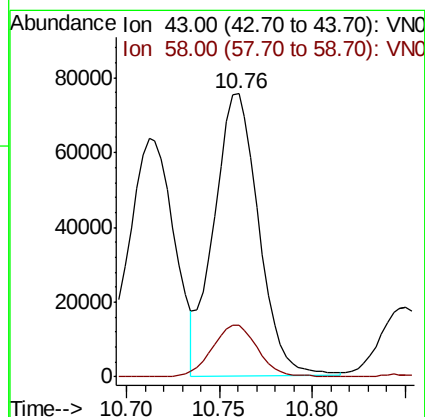
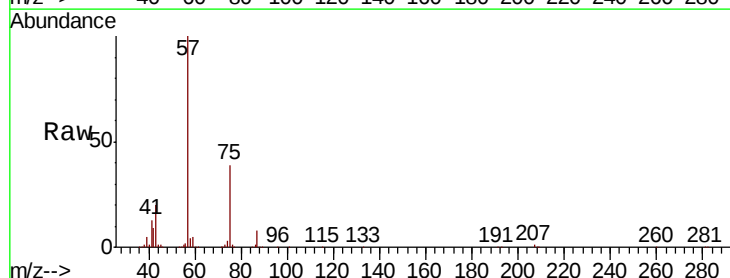
Acq: 6 Nov 2019 12:51

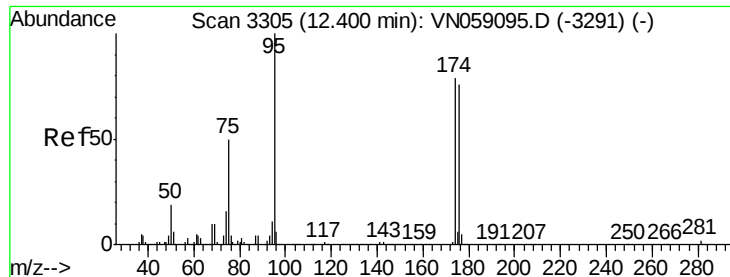
Tgt Ion: 43 Resp: 126459

Ion Ratio Lower Upper

43 100

58 18.9 27.3 81.8#





#62

4-Bromofluorobenzene

Concen: 47.098 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

PB124560TB

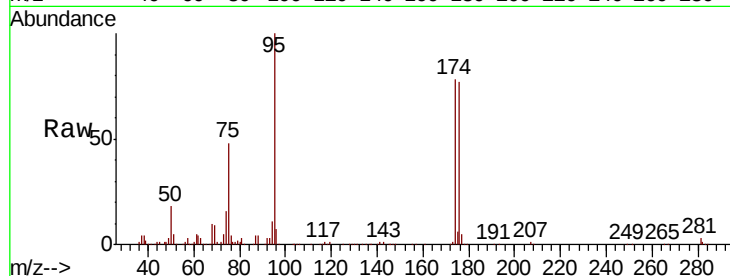
Tot Ion: 95 Resp: 279626

Ion Ratio Lower Upper

95 100

174 77.3 0.0 158.2

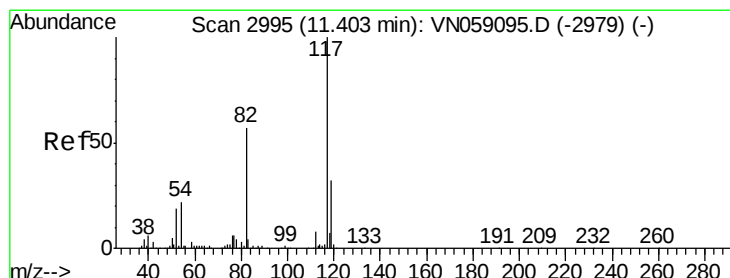
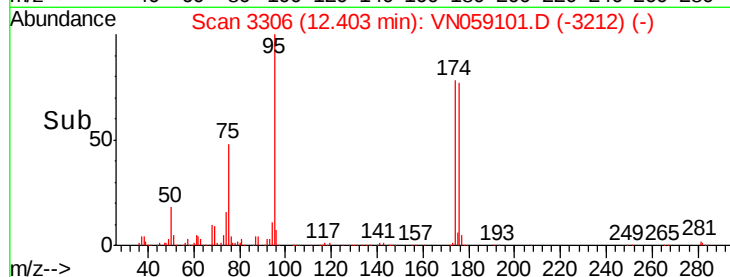
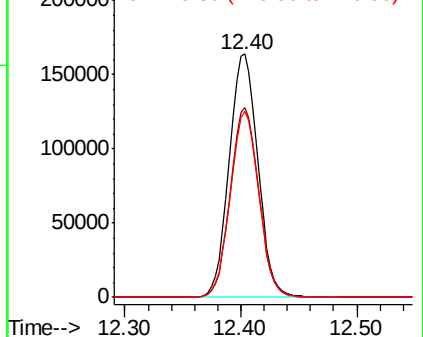
176 76.1 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

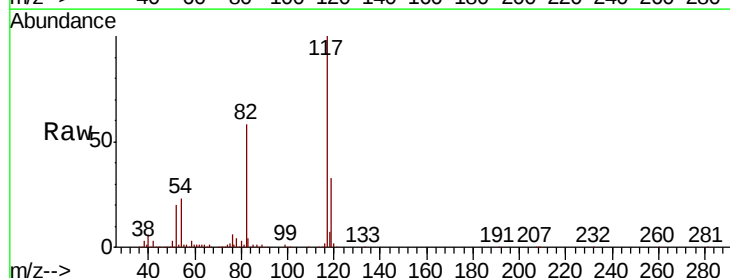
Tgt Ion: 117 Resp: 624156

Ion Ratio Lower Upper

117 100

82 58.1 45.8 68.8

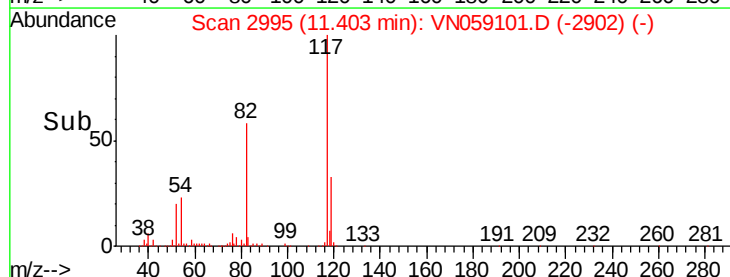
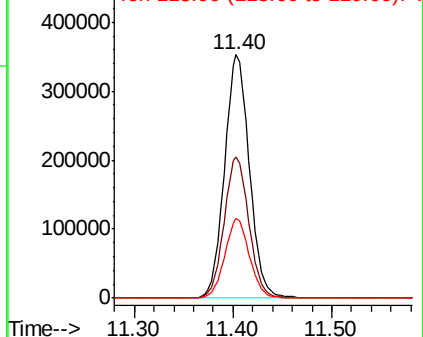
119 32.5 25.8 38.6

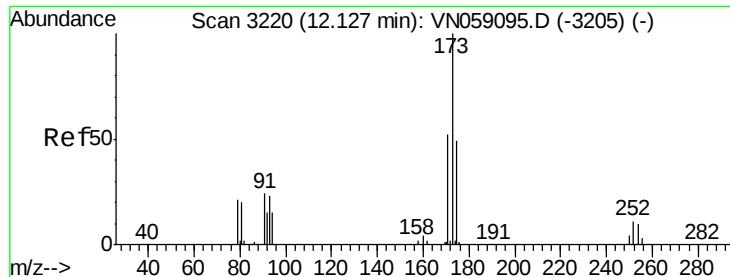


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.406 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

PB124560TB

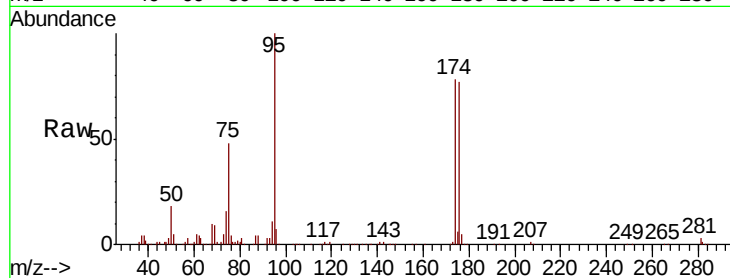
Tot Ion:173 Resp: 1443

Ion Ratio Lower Upper

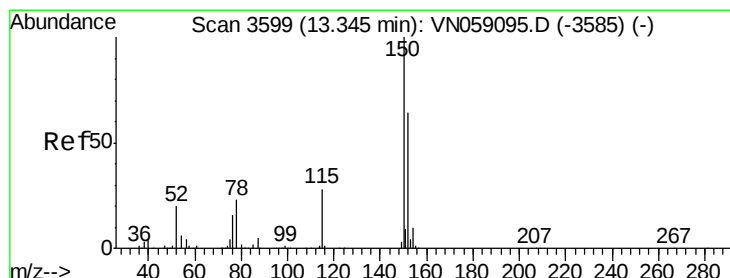
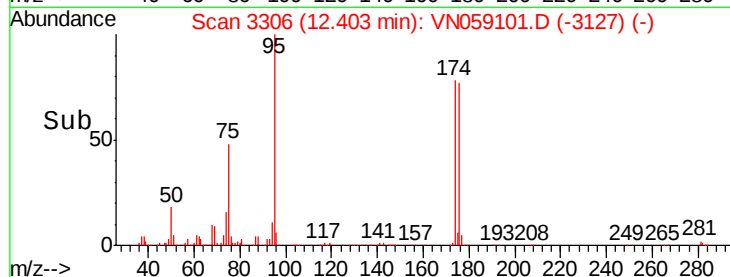
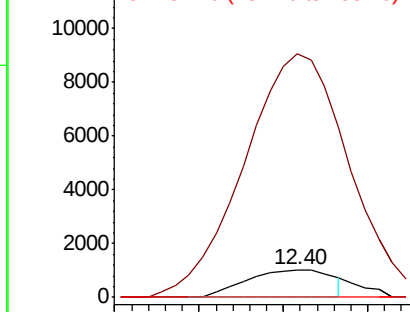
173 100

175 915.7 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: VN059101.D

Acq: 6 Nov 2019 12:51

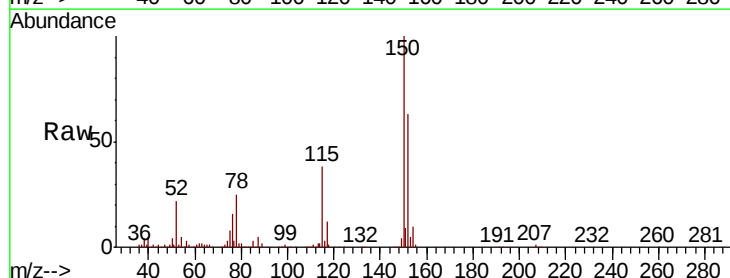
Tgt Ion:152 Resp: 222970

Ion Ratio Lower Upper

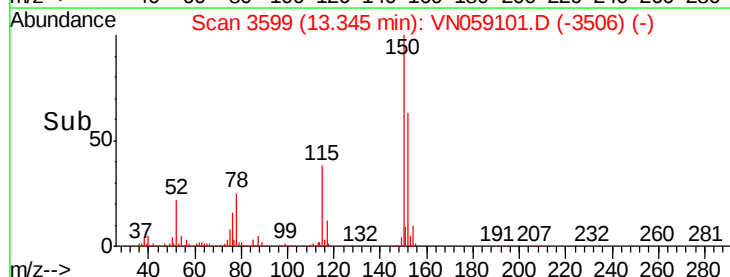
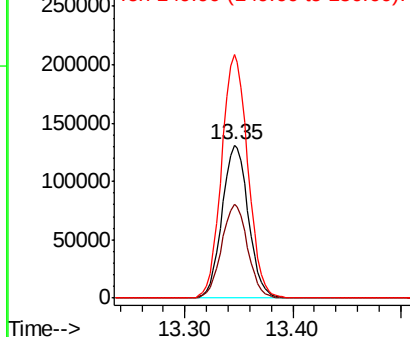
152 100

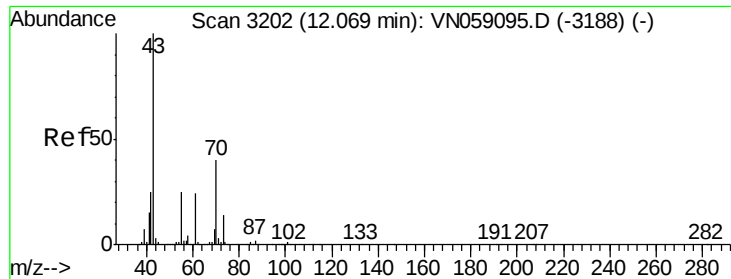
115 60.5 29.4 88.2

150 158.4 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: 0.740 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

PB124560TB

Tot Ion: 43 Resp: 5088

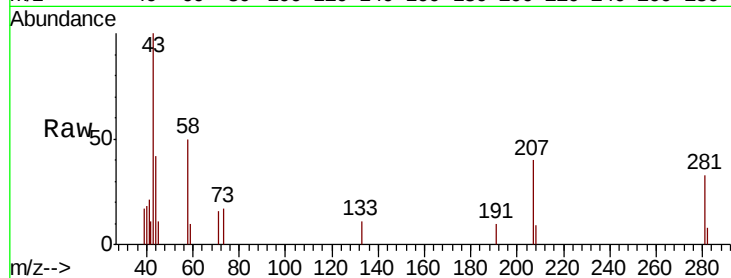
Ion Ratio Lower Upper

43 100

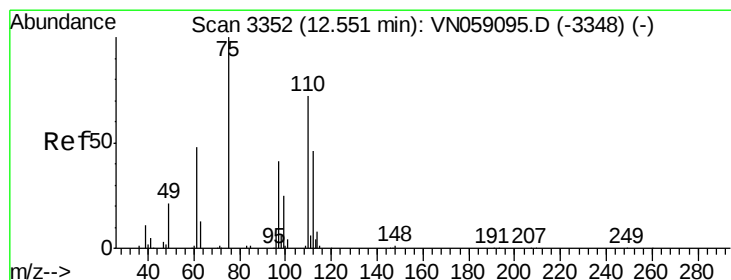
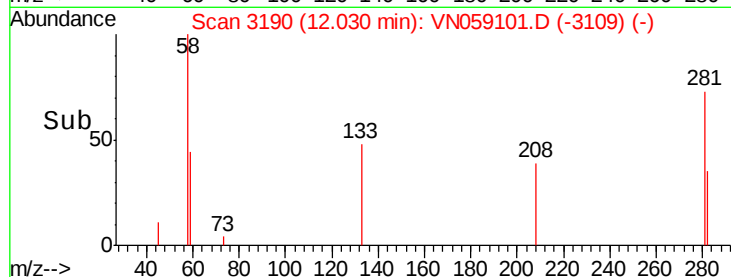
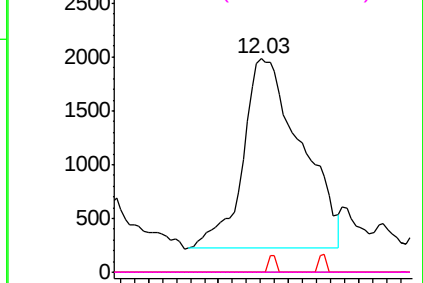
70 0.0 32.2 48.4#

55 0.0 20.4 30.6#

61 0.0 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 70.00 (69.70 to 70.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 27.099 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059101.D

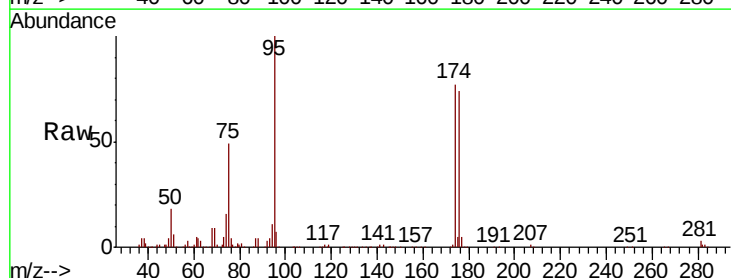
Acq: 6 Nov 2019 12:51

Tgt Ion: 75 Resp: 137563

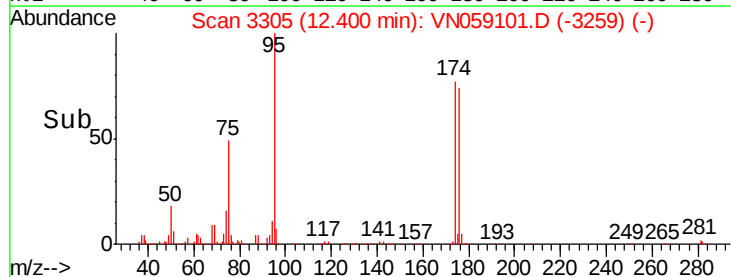
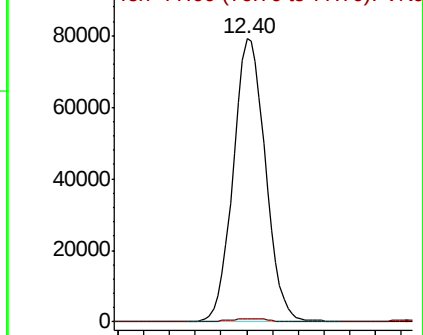
Ion Ratio Lower Upper

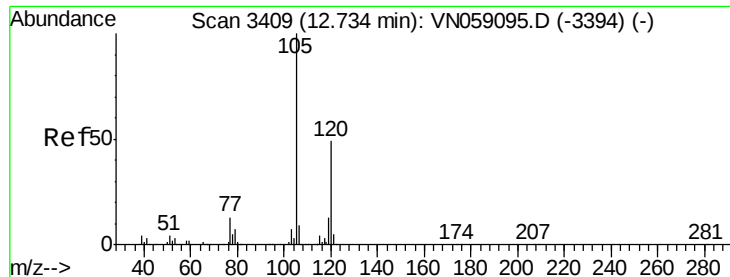
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.879 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

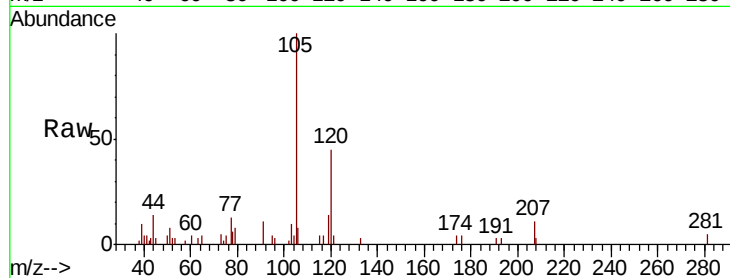
PB124560TB

Tot Ion:105 Resp: 12076

Ion Ratio Lower Upper

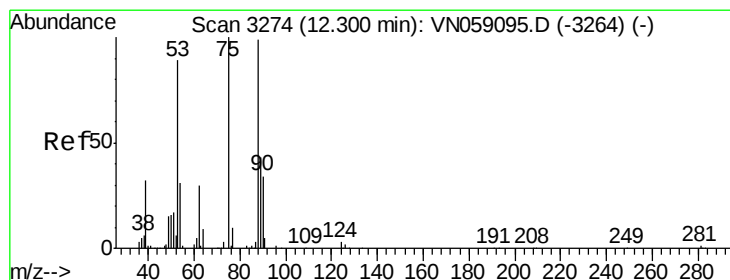
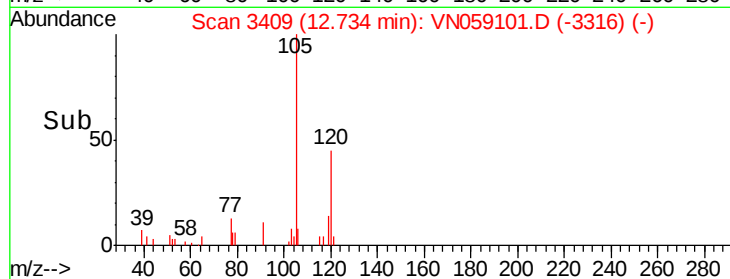
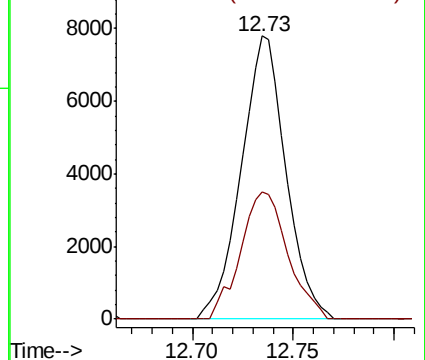
105 100

120 47.3 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: 71.576 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

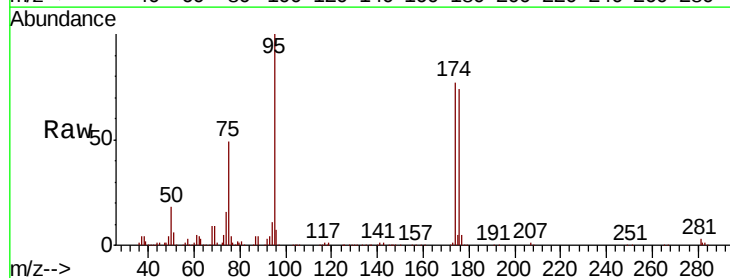
Tgt Ion: 75 Resp: 137563

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

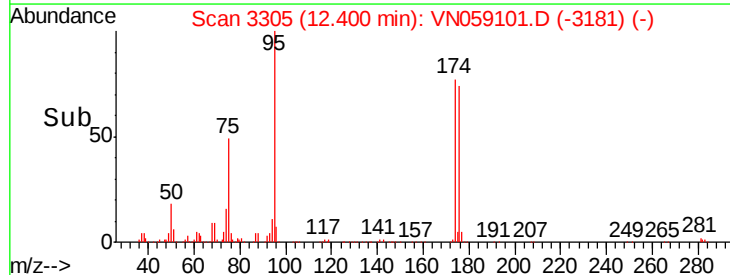
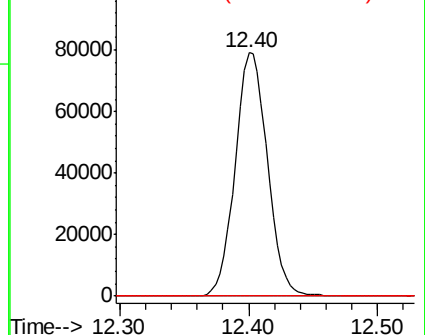
89 0.1 35.8 53.8#

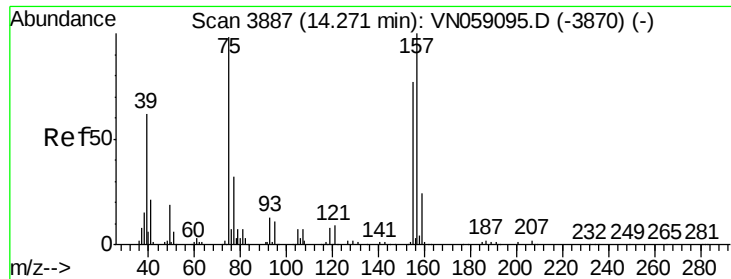


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

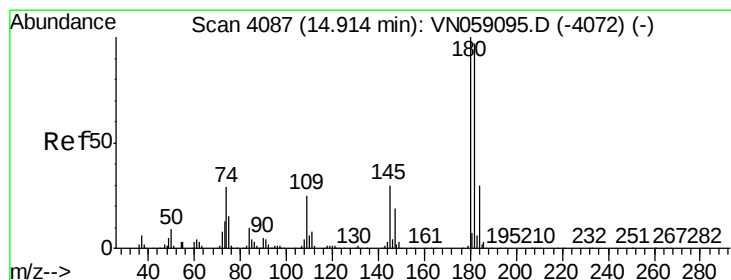
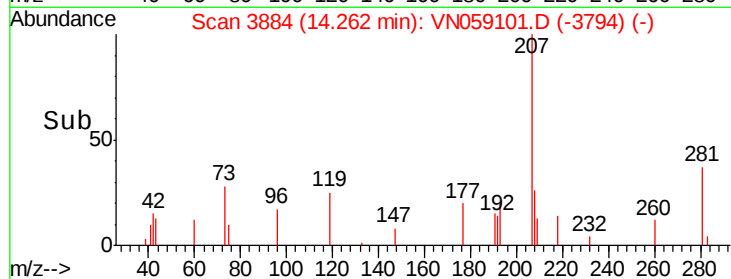
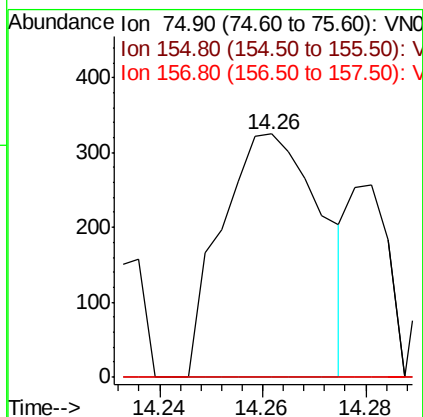
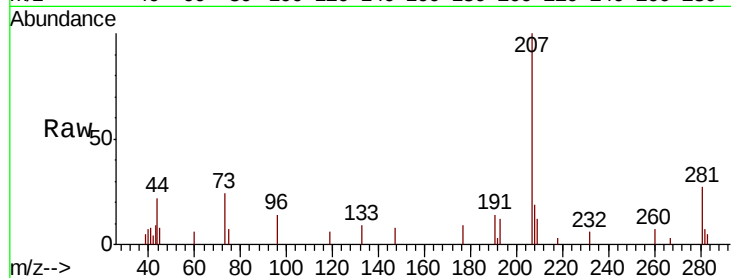




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.421 ug/l
 RT: 14.26 min Scan# 3884
 Delta R.T. -0.01 min
 Lab File: VN059101.D
 Acq: 6 Nov 2019 12:51

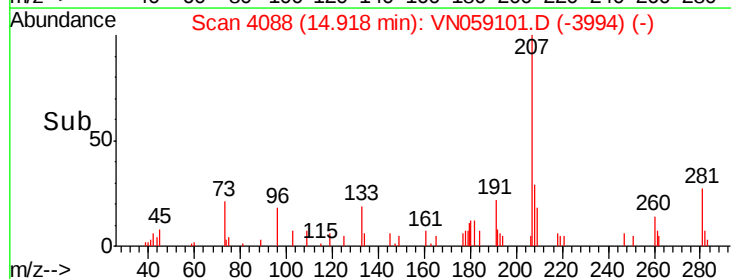
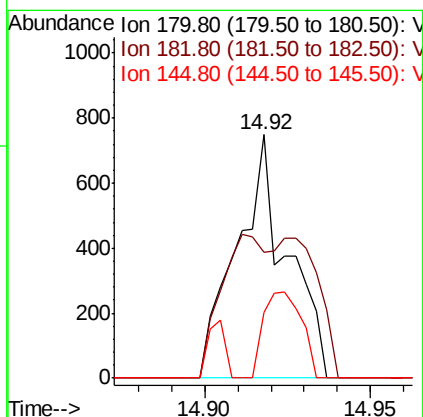
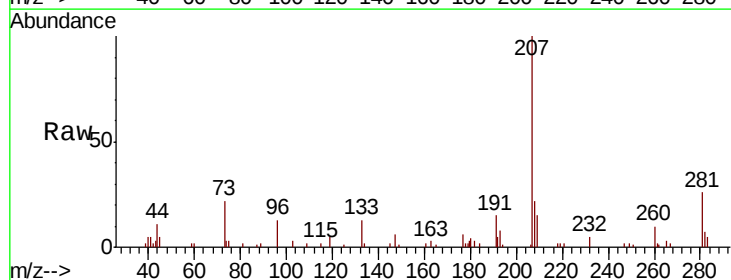
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124560TB

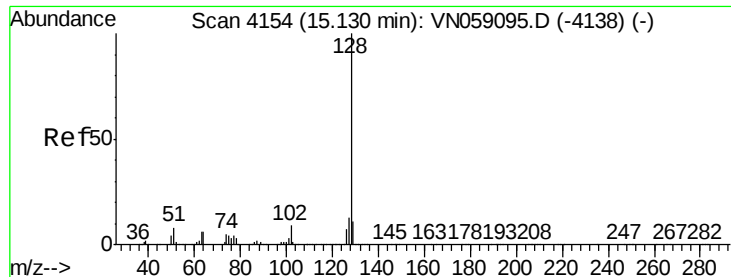
Tot Ion: 75 Resp: 435
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.2 120.6#
 157 0.0 51.8 155.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.225 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059101.D
 Acq: 6 Nov 2019 12:51

Tgt Ion: 180 Resp: 792
 Ion Ratio Lower Upper
 180 100
 182 50.9 48.1 144.3
 145 26.9 15.1 45.3





#95

Naphthalene

Concen: 3.254 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

PB124560TB

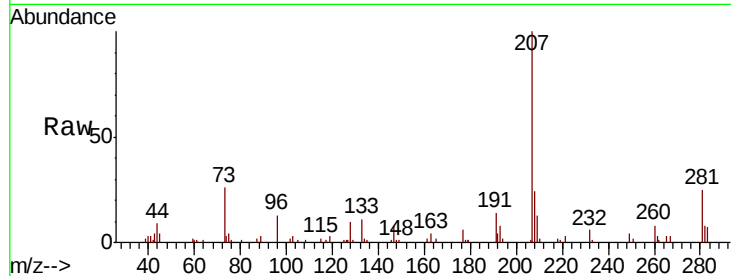
Tot Ion:128 Resp: 2568

Ion Ratio Lower Upper

128 100

127 5.3 10.2 15.2#

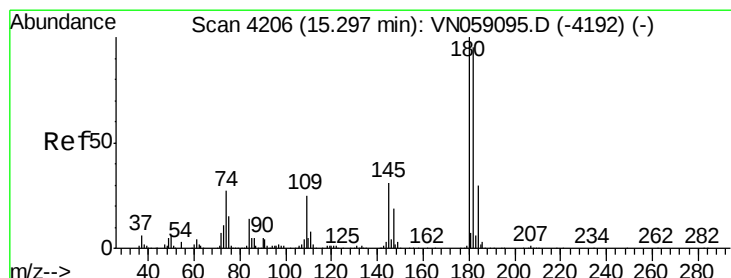
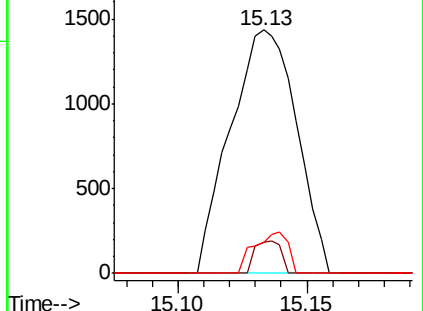
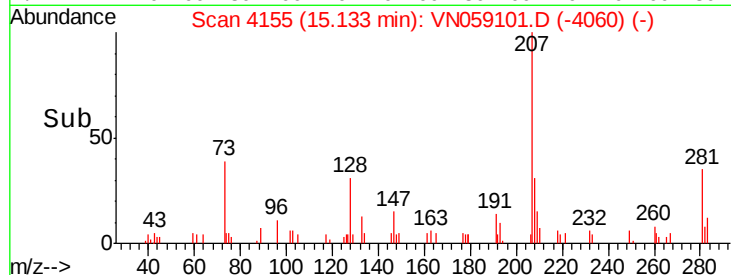
129 8.6 8.6 12.8



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: 0.245 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

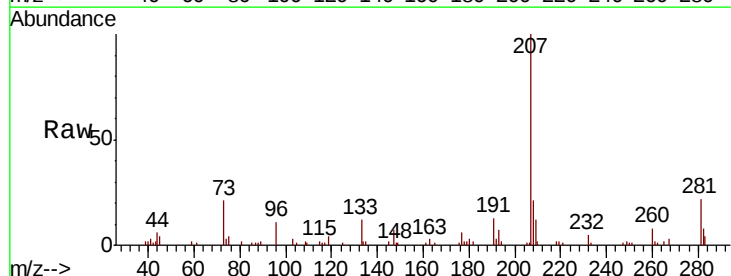
Tgt Ion:180 Resp: 942

Ion Ratio Lower Upper

180 100

182 88.2 47.3 141.8

145 43.5 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

