

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058923.D
 Acq On : 23 Oct 2019 12:50
 Operator : JC/SP
 Sample : K5495-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

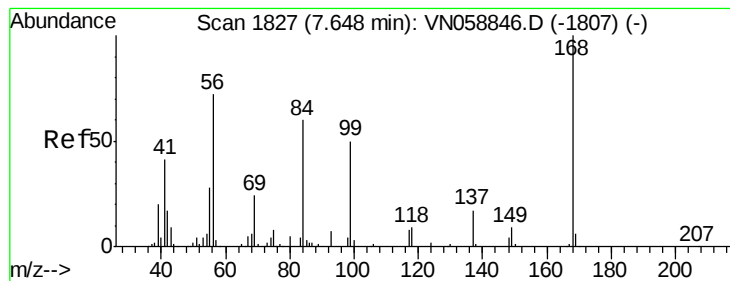
Quant Time: Oct 24 01:11:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	298455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	476990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	447240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	162986	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	220670	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
35) Dibromofluoromethane	7.57	113	158135	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
50) Toluene-d8	10.09	98	622213	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	196301	43.91	ug/l	0.00
Spiked Amount			Recovery	=	87.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	327	0.450	ug/l #	72
16) Acetone	3.80	43	10943	5.059	ug/l	99
18) Methyl Acetate	4.31	43	4804	0.977	ug/l	95
20) Methylene Chloride	4.53	84	246109	66.635	ug/l	99
29) Tetrahydrofuran	7.21	42	390	0.227	ug/l #	36
31) Cyclohexane	7.65	56	7417	1.179	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	25973	5.319	ug/l #	50
38) Carbon Tetrachloride	7.65	117	31162	6.194	ug/l #	17
43) Isopropyl Acetate	8.15	43	97165	11.386	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	1850	0.470	ug/l #	44
48) Methyl methacrylate	9.17	41	5742	1.483	ug/l #	14
49) 1,4-Dioxane	9.25	88	100	1.573	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6562	1.316	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	37073	6.118	ug/l #	68
56) Ethyl methacrylate	10.54	69	2142	2.446	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6555	1.066	ug/l #	43
59) 2-Hexanone	10.76	43	100735	26.153	ug/l #	54
65) Chlorobenzene	11.44	112	2163	0.238	ug/l	89
70) Styrene	11.96	104	494	1.759	ug/l #	85
71) Bromoform	12.41	173	1252	0.470	ug/l #	1
74) N-amyl acetate	12.03	43	3357	0.622	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	105233	27.859	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3836	0.383	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	105233	72.574	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.91	180	1633	2.998	ug/l #	83
95) Naphthalene	15.13	128	29422	5.237	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	2172	3.048	ug/l #	87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

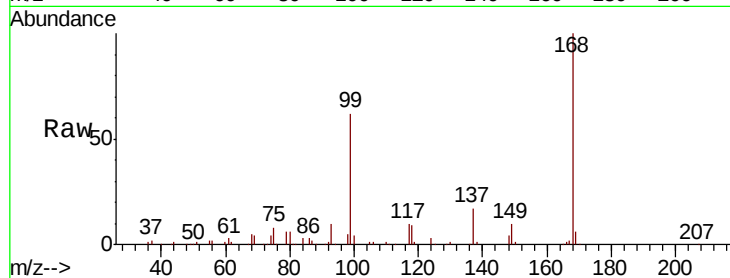
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 298455

Ion Ratio Lower Upper

168 100

99 62.2 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

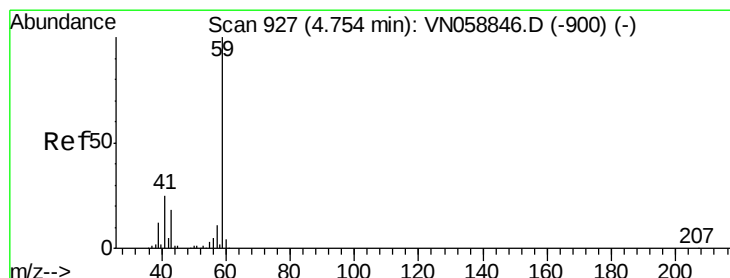
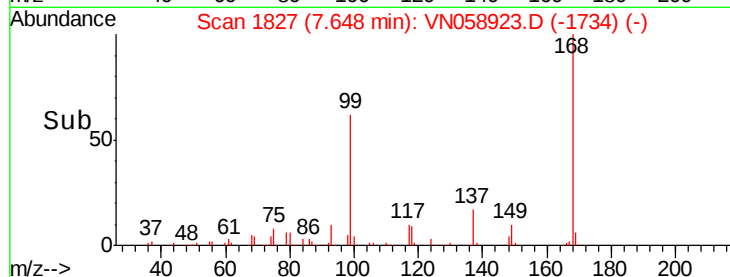
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.450 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.03 min

Lab File: VN058923.D

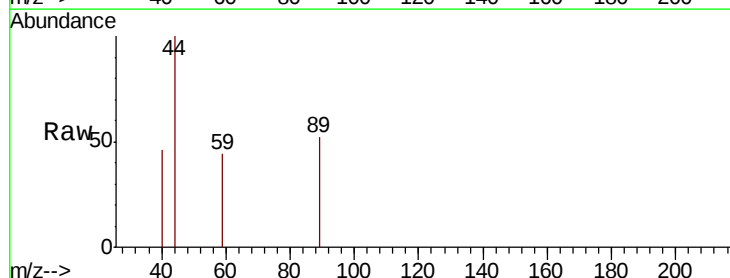
Acq: 23 Oct 2019 12:50

Tgt Ion: 59 Resp: 327

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.73

300

250

200

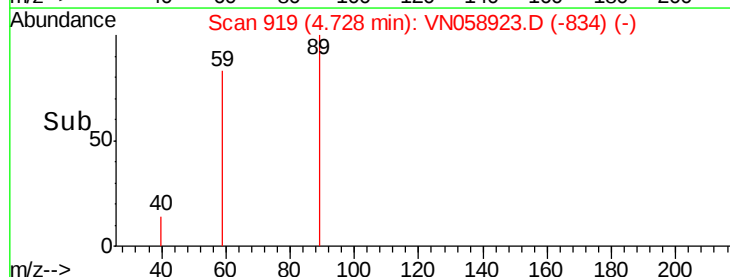
150

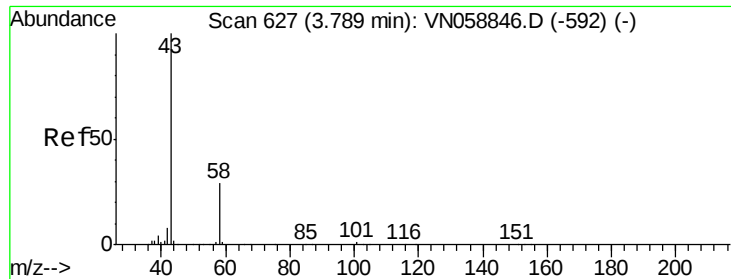
100

50

0

Time-->

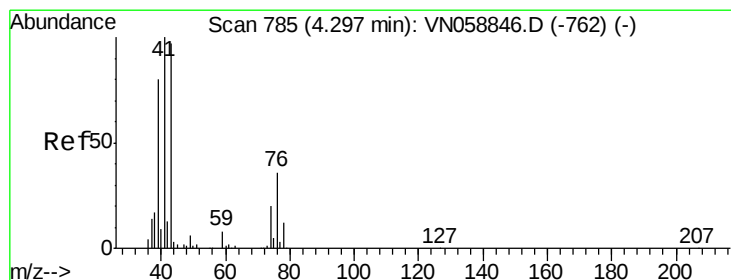
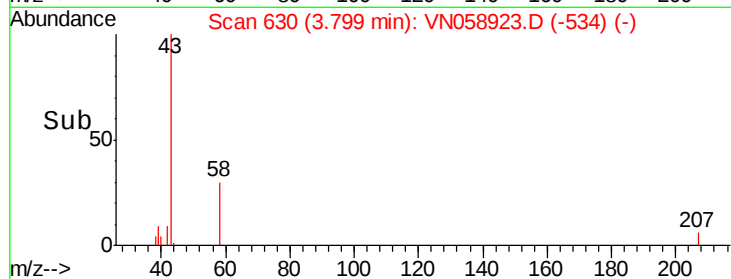
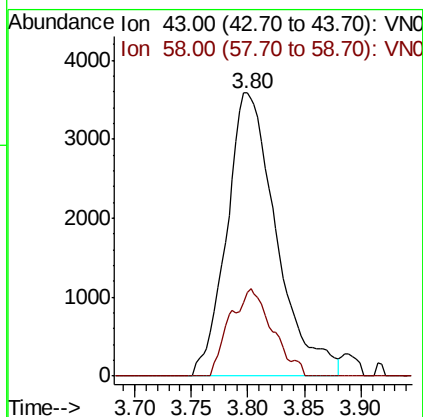
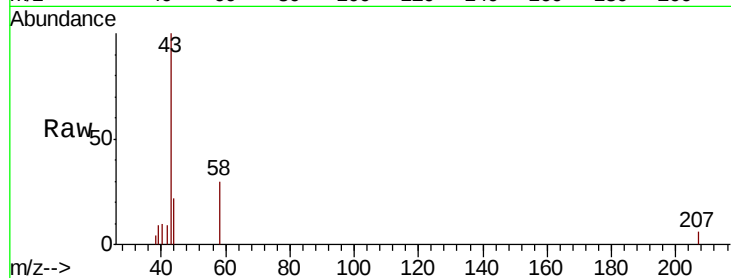




#16
Acetone
Concen: 5.059 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN058923.D
Acq: 23 Oct 2019 12:50

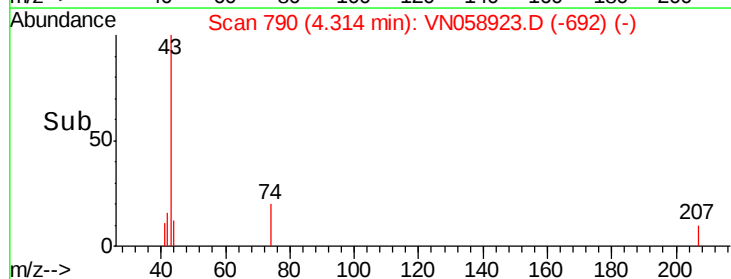
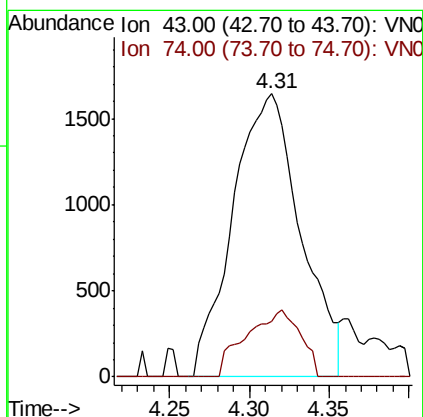
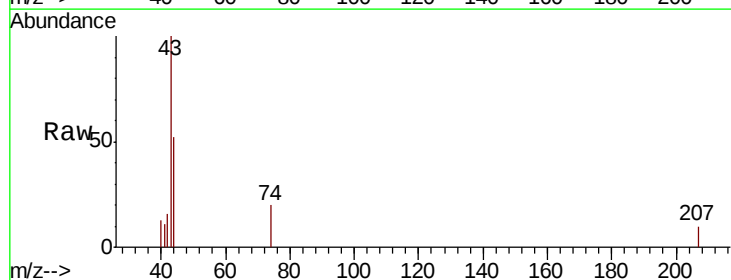
Instrument :
MSVOA_N
ClientSampled :

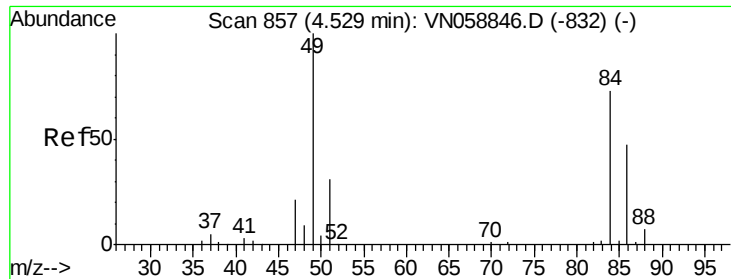
Tot Ion: 43 Resp: 10943
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7



#18
Methyl Acetate
Concen: 0.977 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.02 min
Lab File: VN058923.D
Acq: 23 Oct 2019 12:50

Tgt Ion: 43 Resp: 4804
Ion Ratio Lower Upper
43 100
74 18.8 17.1 25.7

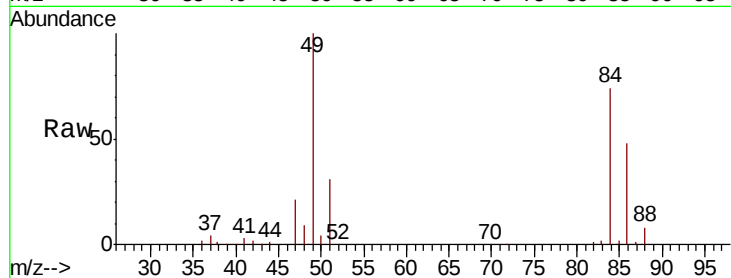




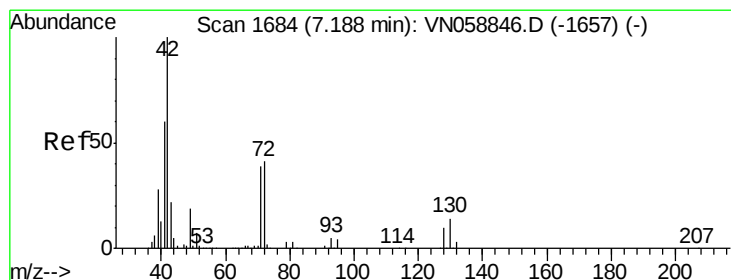
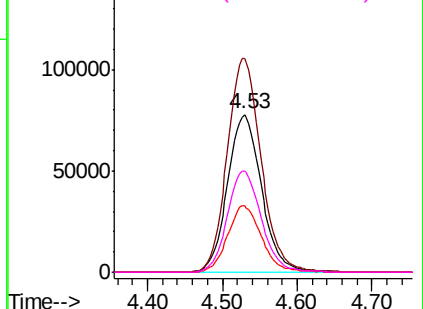
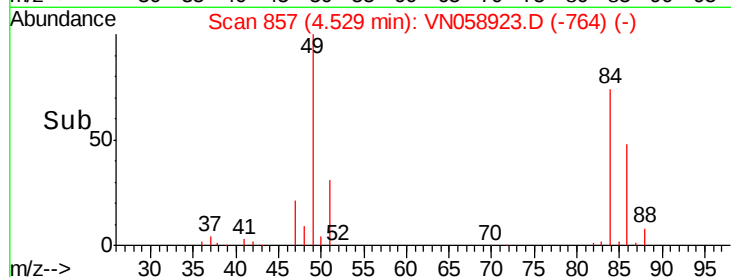
#20
Methvlene Chloride
Concen: 66.635 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058923.D
Acq: 23 Oct 2019 12:50

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 246109
Ion Ratio Lower Upper
84 100
49 135.6 109.6 164.4
51 41.9 33.8 50.6
86 64.6 51.5 77.3

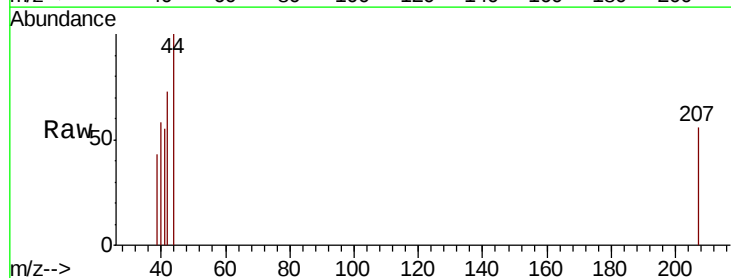


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

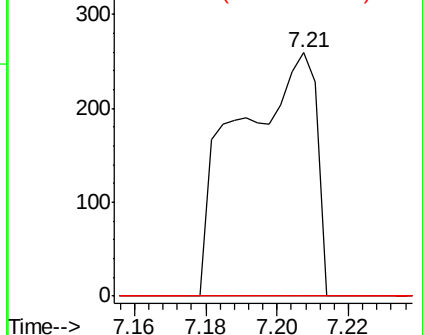
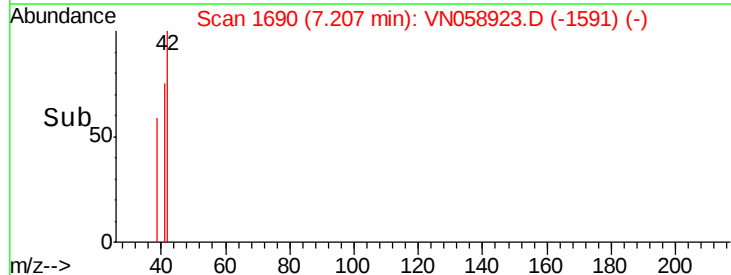


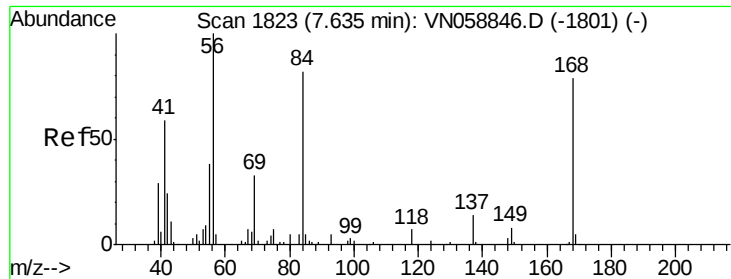
#29
Tetrahydrofuran
Concen: 0.227 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.02 min
Lab File: VN058923.D
Acq: 23 Oct 2019 12:50

Tgt Ion: 42 Resp: 390
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.2#
71 0.0 30.6 45.8#



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

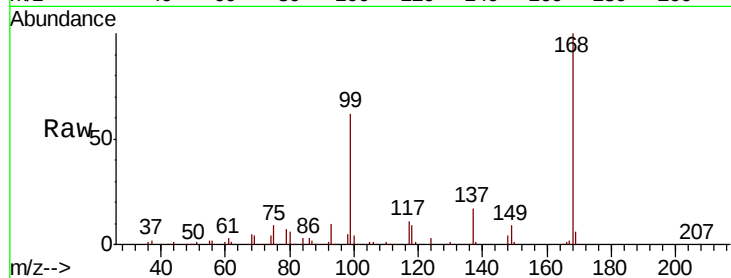




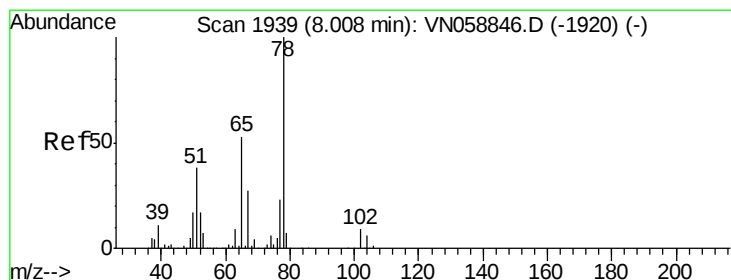
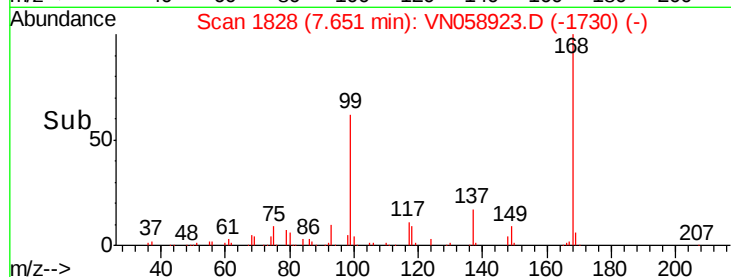
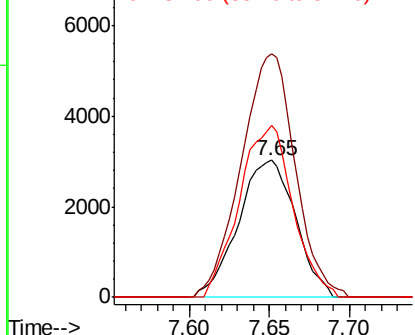
#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN058923.D
Acq: 23 Oct 2019 12:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 7417
Ion Ratio Lower Upper
56 100
69 177.4 26.2 39.4#
84 125.1 65.6 98.4#

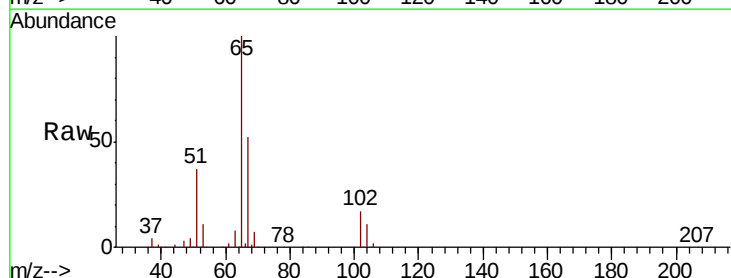


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

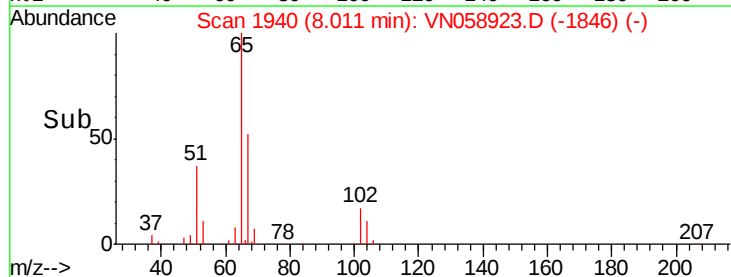
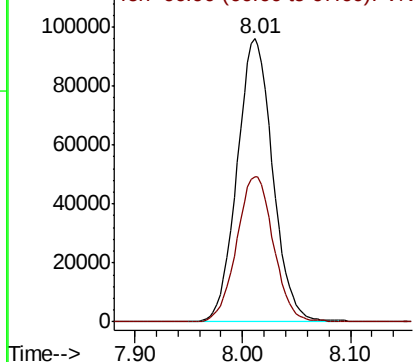


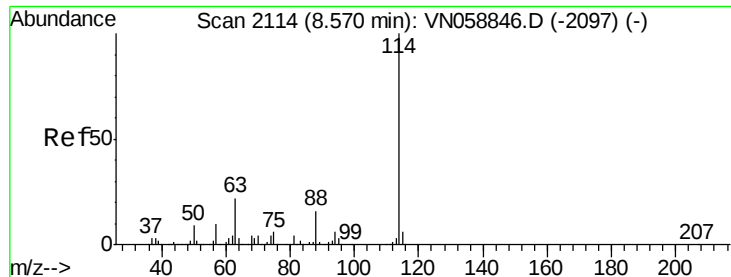
#33
1,2-Dichloroethane-d4
Concen: 50.412 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058923.D
Acq: 23 Oct 2019 12:50

Tgt Ion: 65 Resp: 220670
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

ClientSampleId :

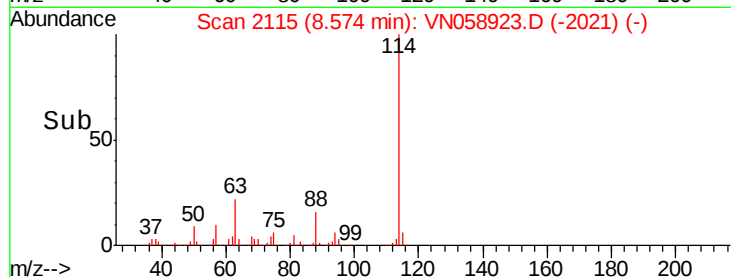
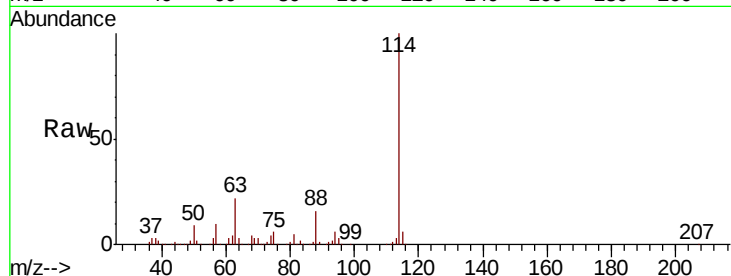
Tot Ion:114 Resp: 476990

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.4

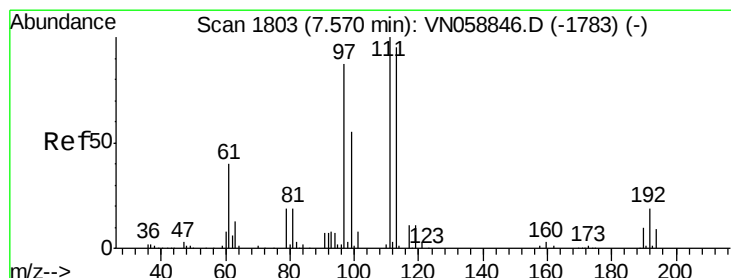
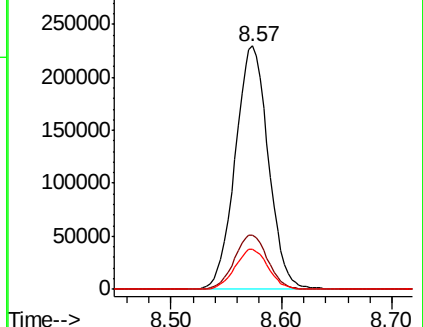
88 16.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.424 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

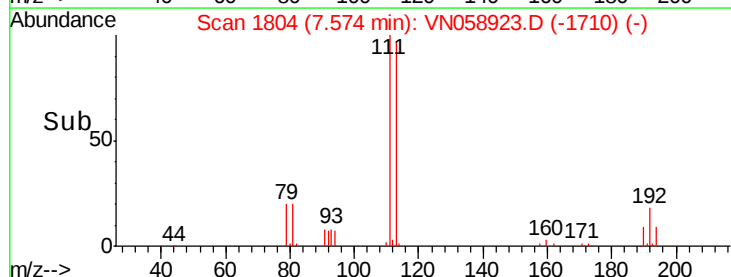
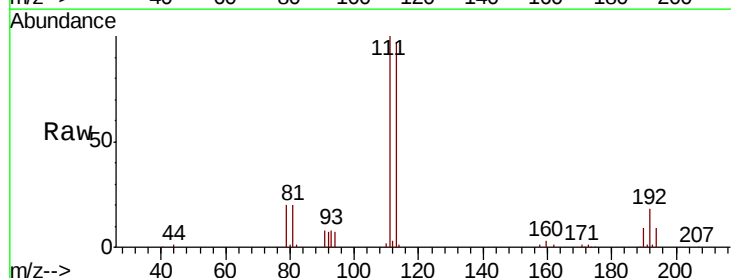
Tgt Ion:113 Resp: 158135

Ion Ratio Lower Upper

113 100

111 104.3 82.0 123.0

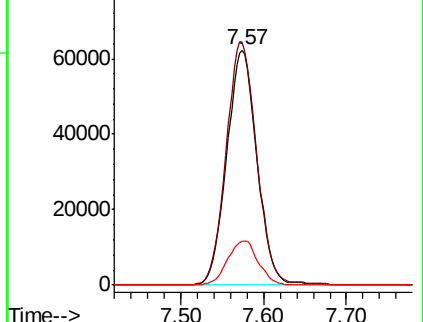
192 19.0 15.0 22.6

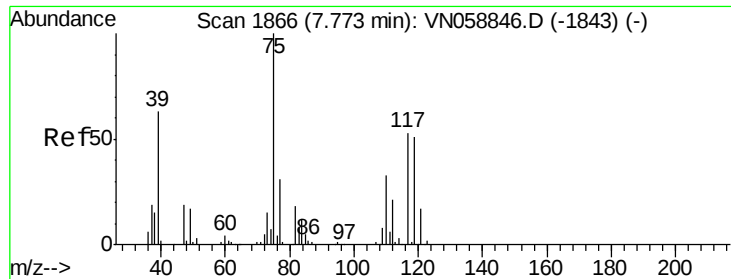


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

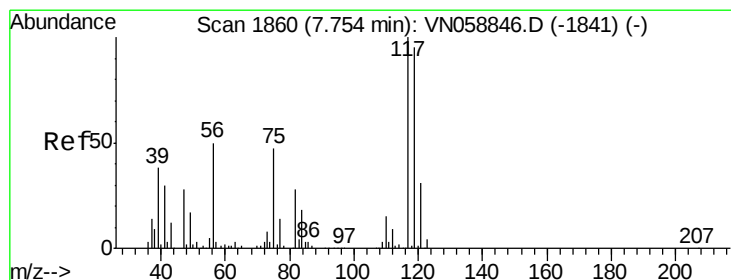
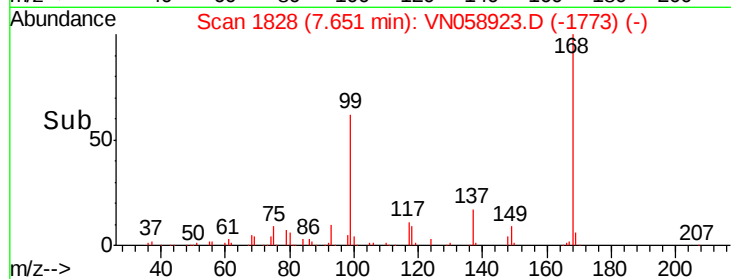
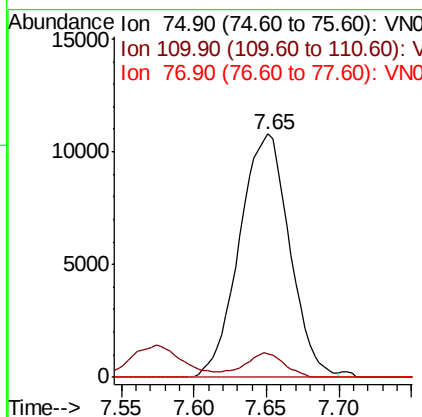
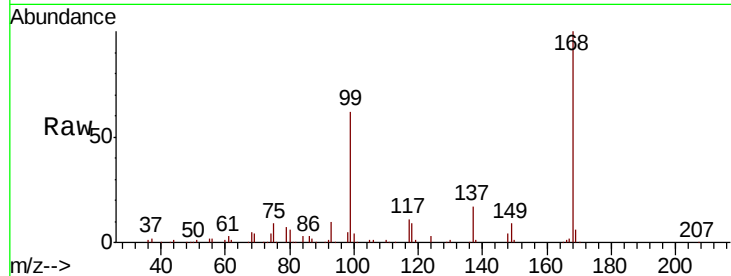




#36
 1,1-Dichloropropene
 Concen: 5.319 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.12 min
 Lab File: VN058923.D
 Acq: 23 Oct 2019 12:50

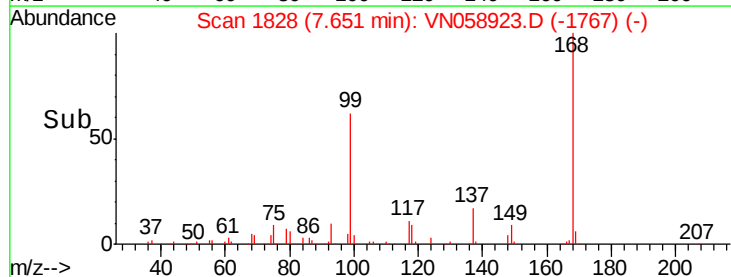
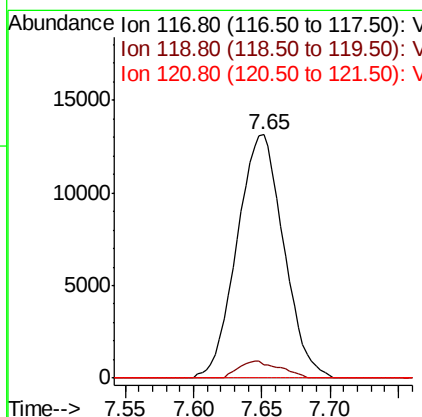
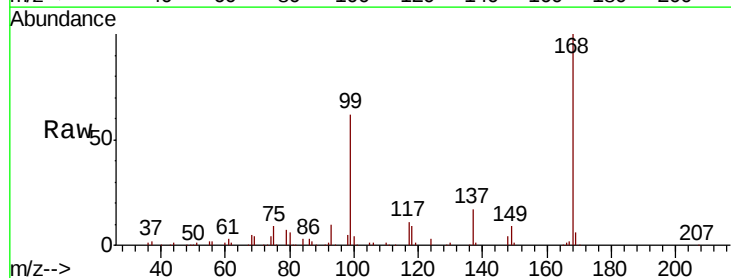
Instrument :
 MSVOA_N
 ClientSampled :

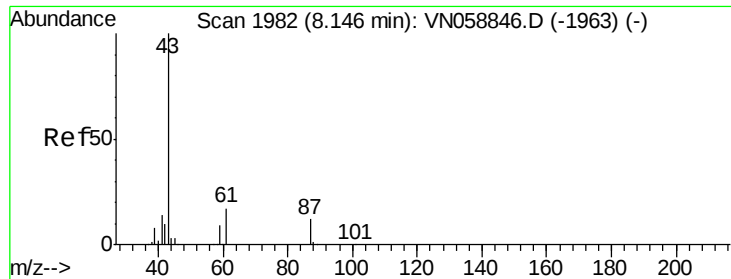
Tot Ion: 75 Resp: 25973
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.3 48.9#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.194 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.10 min
 Lab File: VN058923.D
 Acq: 23 Oct 2019 12:50

Tgt Ion: 117 Resp: 31162
 Ion Ratio Lower Upper
 117 100
 119 5.6 75.7 113.5#
 121 0.0 25.0 37.6#





#43

Isopropyl Acetate

Concen: 11.386 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

ClientSampleId :

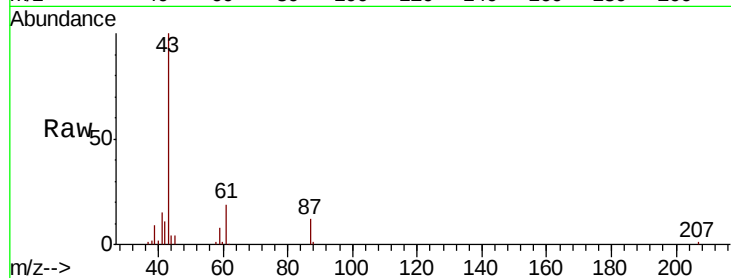
Tot Ion: 43 Resp: 97165

Ion Ratio Lower Upper

43 100

61 18.5 20.2 30.2#

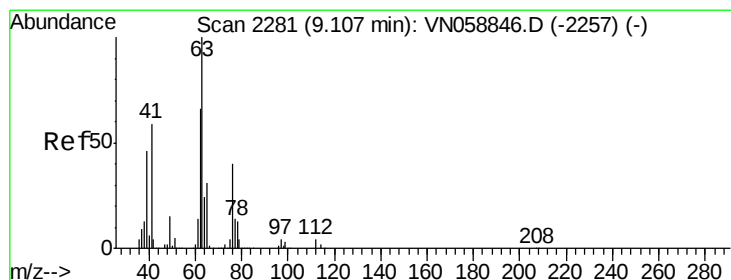
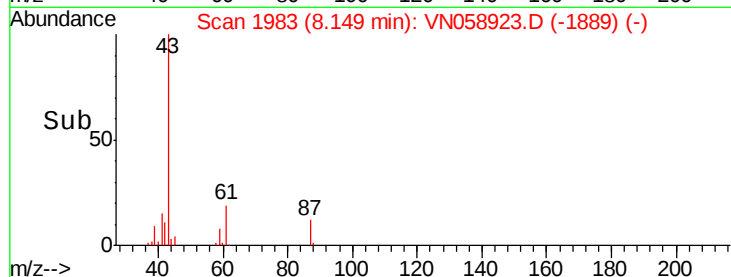
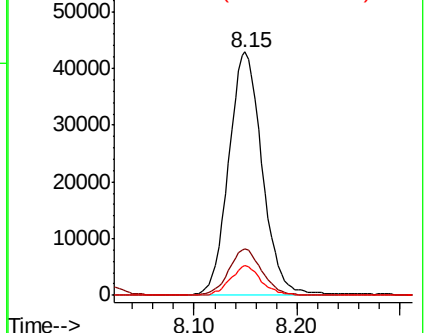
87 11.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN058846.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN058846.D (-1963) (-)



#45

1,2-Dichloropropane

Concen: 0.470 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN058923.D

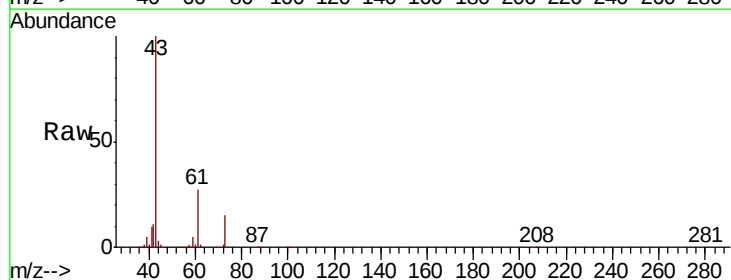
Acq: 23 Oct 2019 12:50

Tgt Ion: 63 Resp: 1850

Ion Ratio Lower Upper

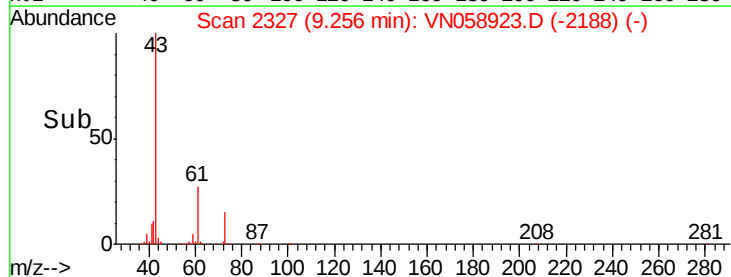
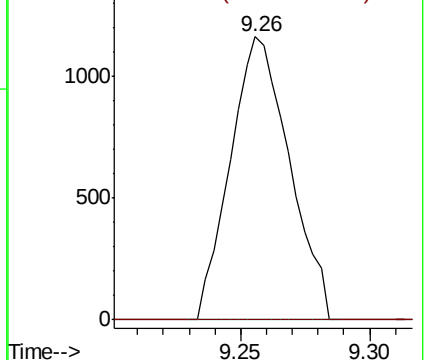
63 100

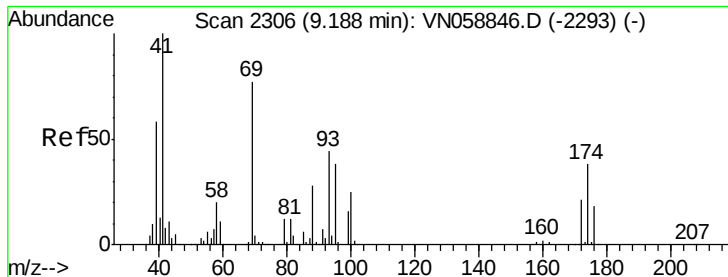
65 0.0 24.5 36.7#



Abundance Ion 62.90 (62.60 to 63.60): VN058846.D (-2257) (-)

Ion 64.90 (64.60 to 65.60): VN058846.D (-2257) (-)

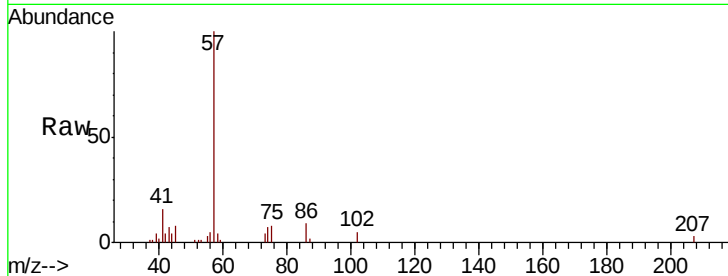




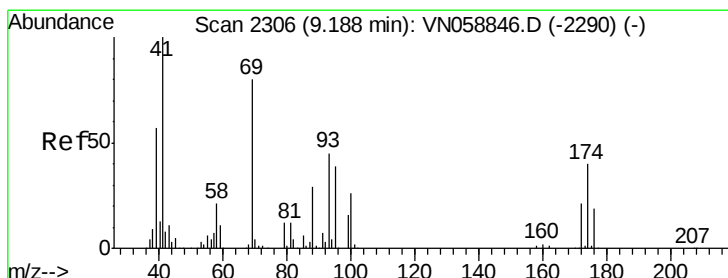
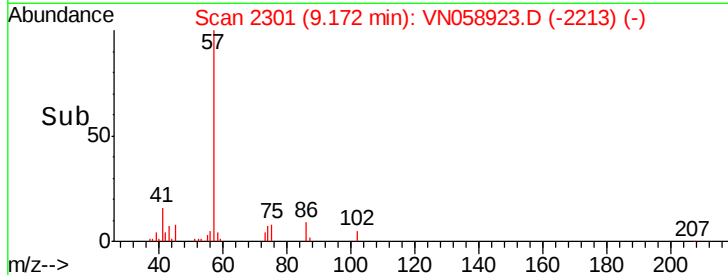
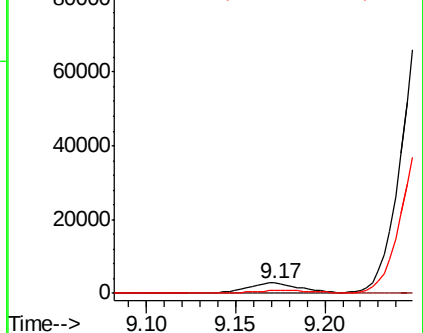
#48
Methvl methacrylate
Concen: 1.483 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058923.D
Acq: 23 Oct 2019 12:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 5742
Ion Ratio Lower Upper
41 100
69 0.0 63.8 95.6#
39 0.0 47.8 71.8#

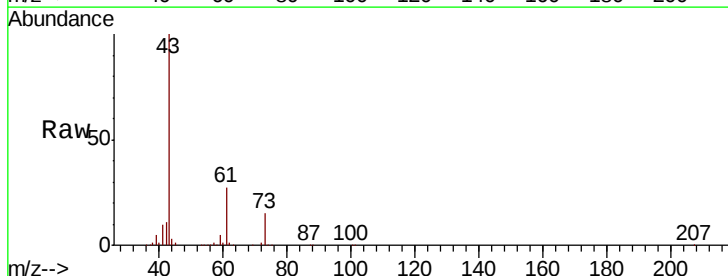


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

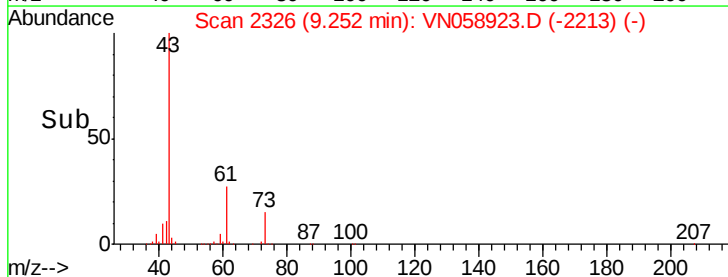
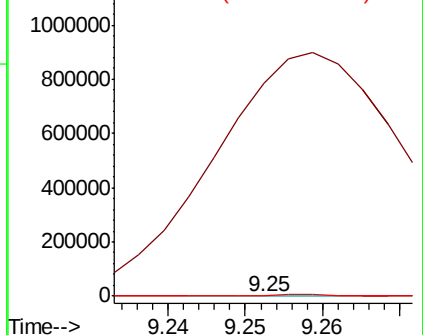


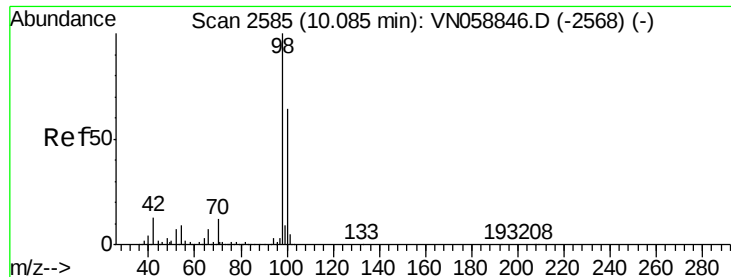
#49
1,4-Dioxane
Concen: 1.573 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.06 min
Lab File: VN058923.D
Acq: 23 Oct 2019 12:50

Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
43 1643870.0 29.1 43.7#
58 8422.0 59.4 89.0#



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: 51.111 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

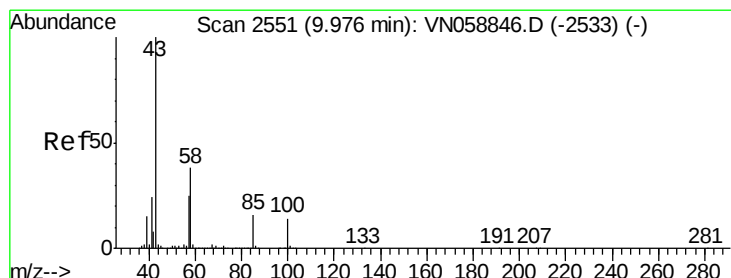
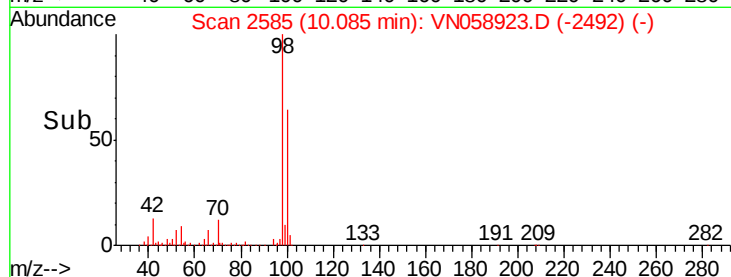
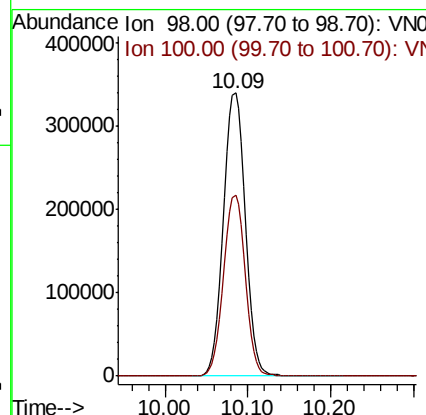
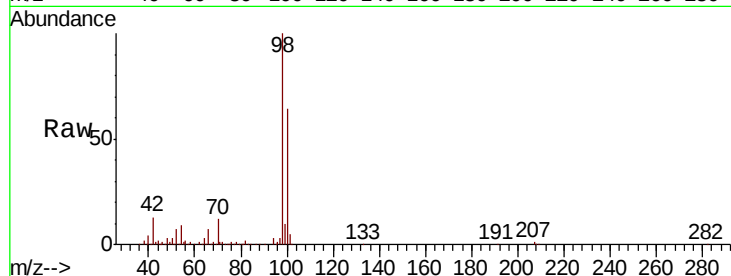
ClientSampleId :

Tot Ion: 98 Resp: 622213

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.2



#51

4-Methyl-2-Pentanone

Concen: 1.316 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN058923.D

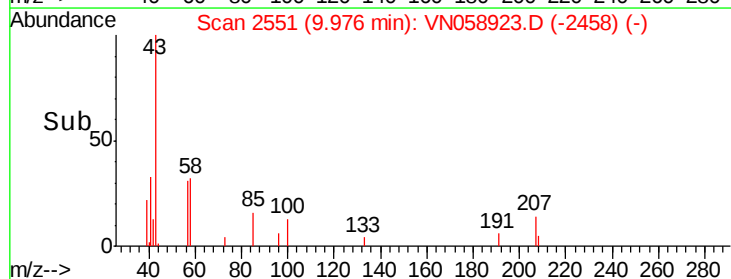
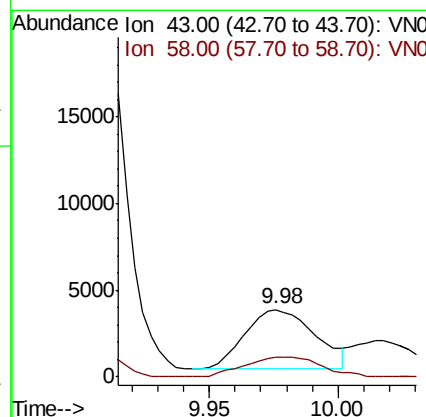
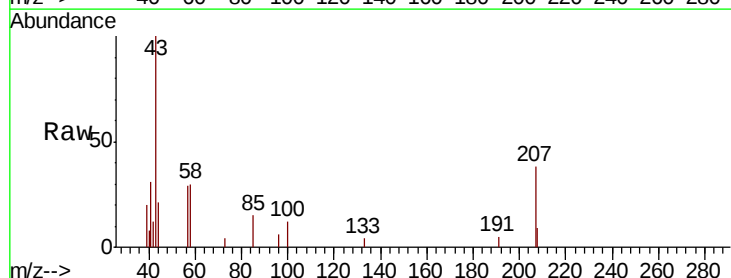
Acq: 23 Oct 2019 12:50

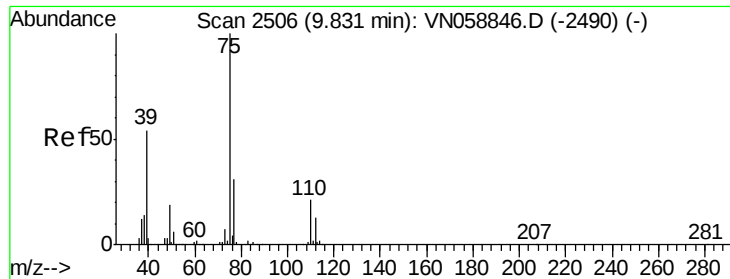
Tgt Ion: 43 Resp: 6562

Ion Ratio Lower Upper

43 100

58 36.5 29.9 44.9





#54

cis-1,3-Dichloropropene

Concen: 6.118 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

ClientSampleId :

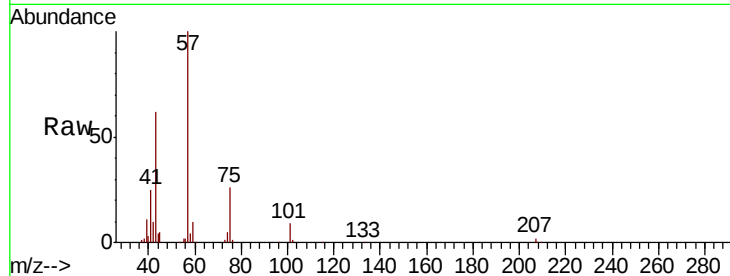
Tot Ion: 75 Resp: 37073

Ion Ratio Lower Upper

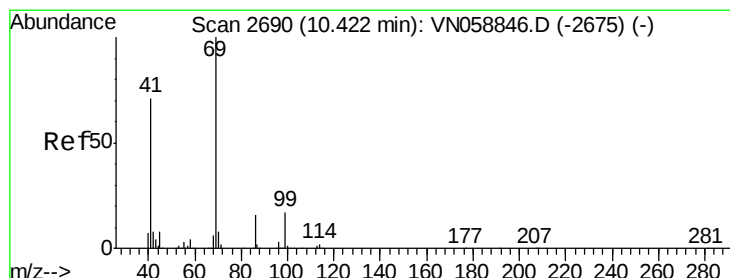
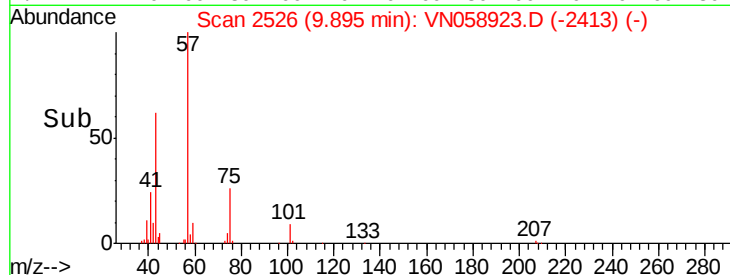
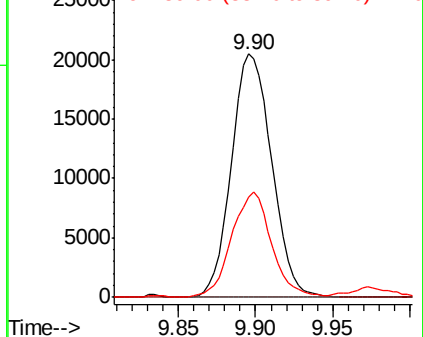
75 100

77 0.0 24.7 37.1#

39 41.2 43.5 65.3#



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: 2.446 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

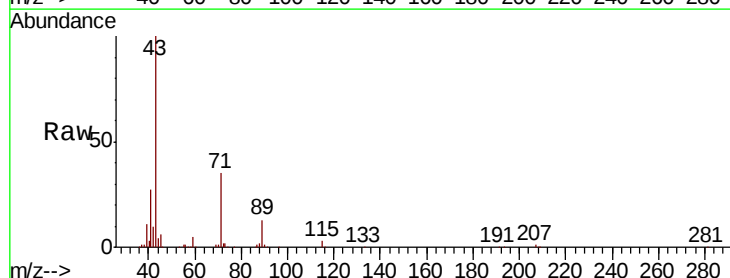
Tgt Ion: 69 Resp: 2142

Ion Ratio Lower Upper

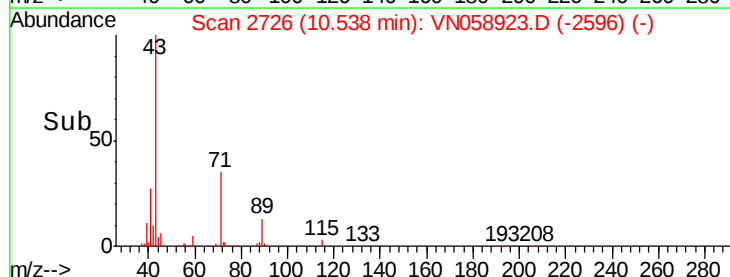
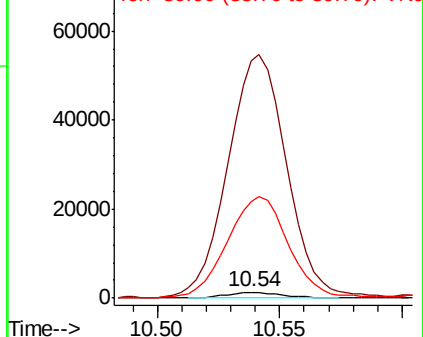
69 100

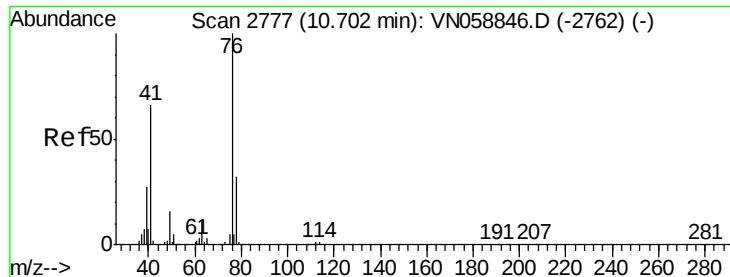
41 4254.1 57.2 85.8#

39 1863.8 31.0 46.4#



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: 1.066 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

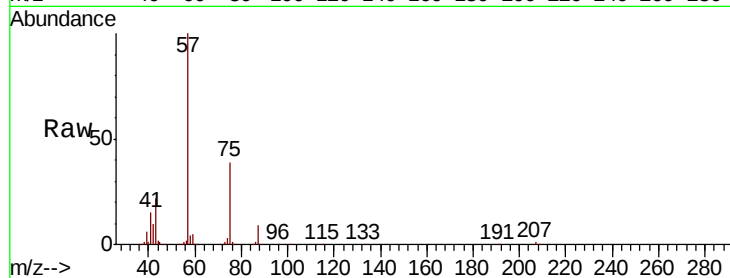
ClientSampleId :

Tot Ion: 76 Resp: 6555

Ion Ratio Lower Upper

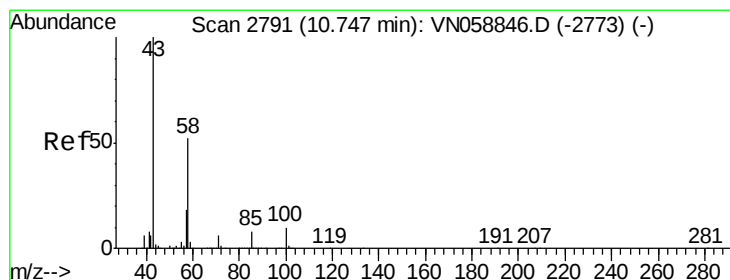
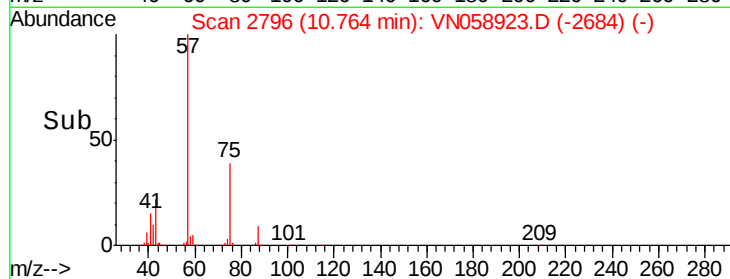
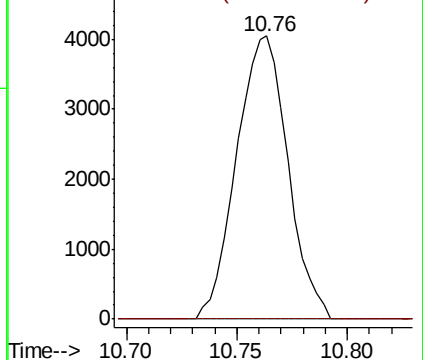
76 100

78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 26.153 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN058923.D

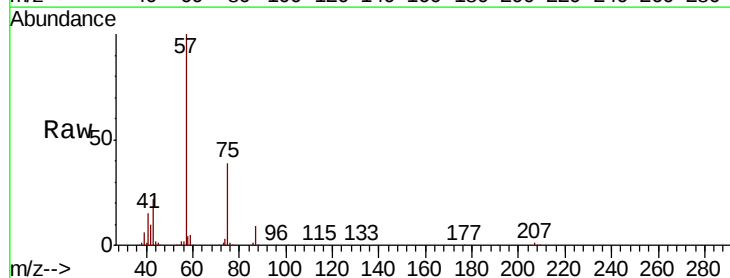
Acq: 23 Oct 2019 12:50

Tgt Ion: 43 Resp: 100735

Ion Ratio Lower Upper

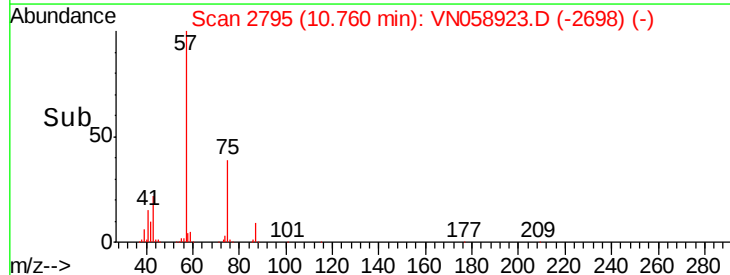
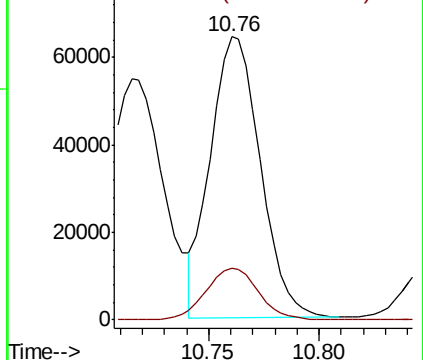
43 100

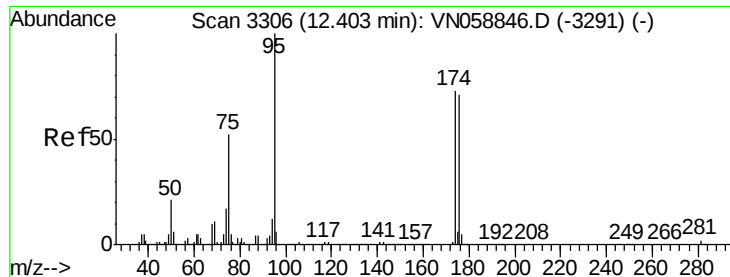
58 19.4 25.9 77.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.910 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

ClientSampleId :

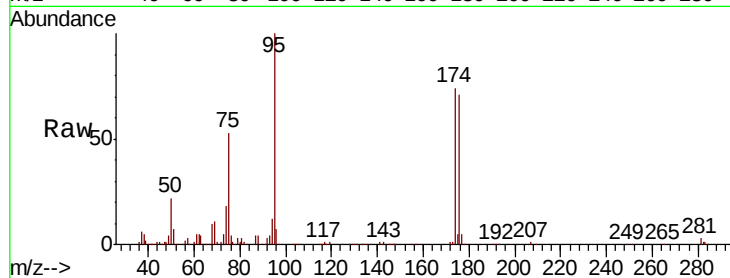
Tot Ion: 95 Resp: 196301

Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.6

176 72.9 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)

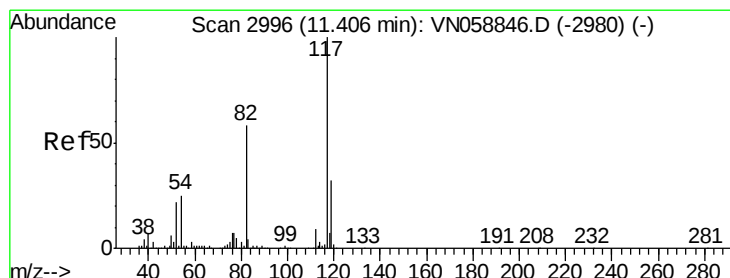
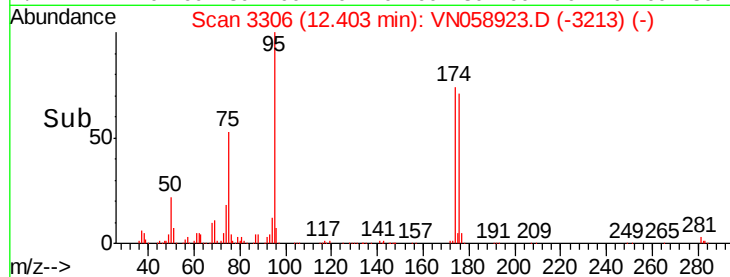
12.40

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

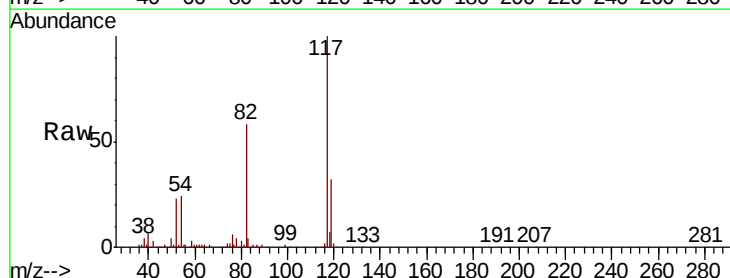
Tgt Ion: 117 Resp: 447240

Ion Ratio Lower Upper

117 100

82 58.1 46.6 69.8

119 31.7 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058846.D (-2980) (-)

11.41

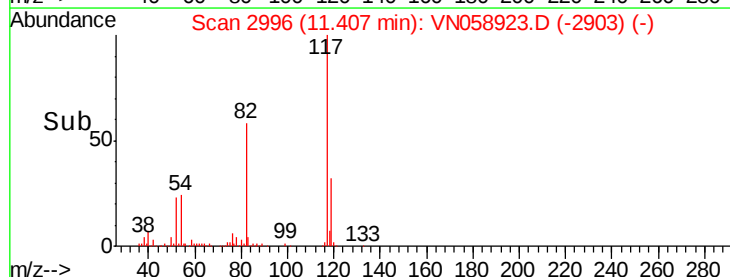
300000

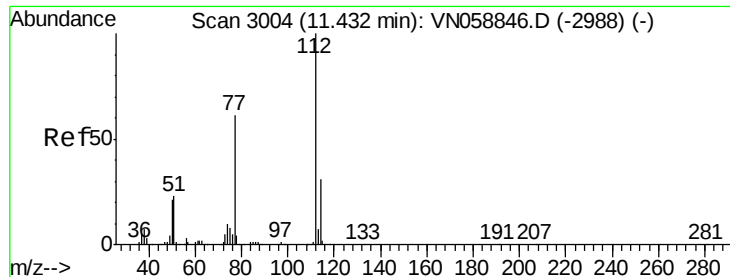
200000

100000

0

Time--> 11.30 11.40 11.50





#65

Chlorobenzene

Concen: 0.238 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

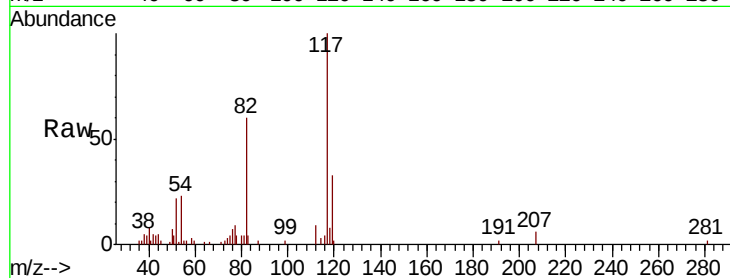
ClientSampled :

Tot Ion:112 Resp: 2163

Ion Ratio Lower Upper

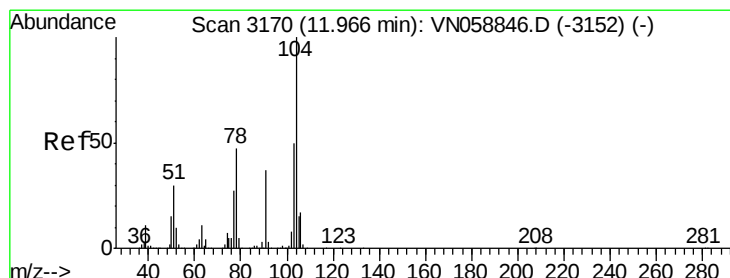
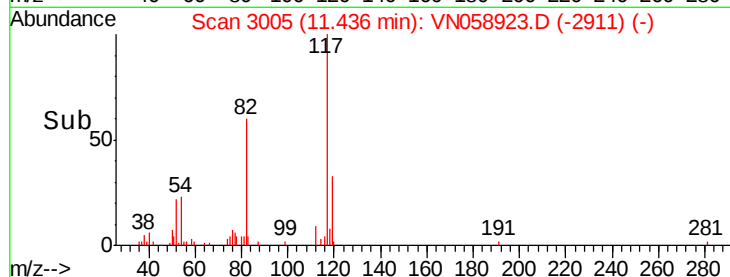
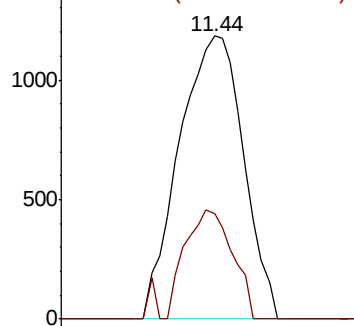
112 100

114 37.4 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#70

Styrene

Concen: 1.759 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

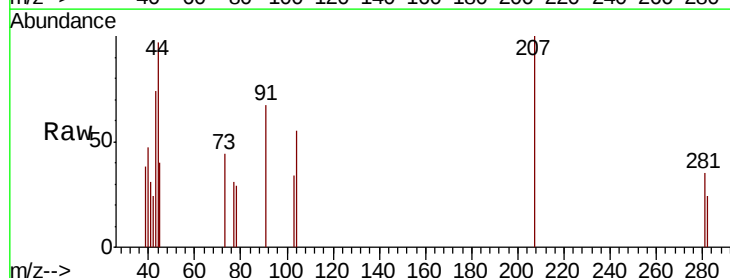
Tgt Ion:104 Resp: 494

Ion Ratio Lower Upper

104 100

78 41.5 42.8 64.2#

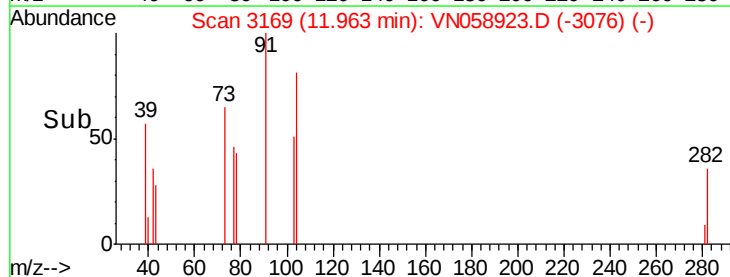
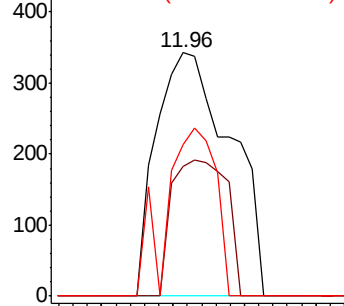
103 46.0 44.3 66.5

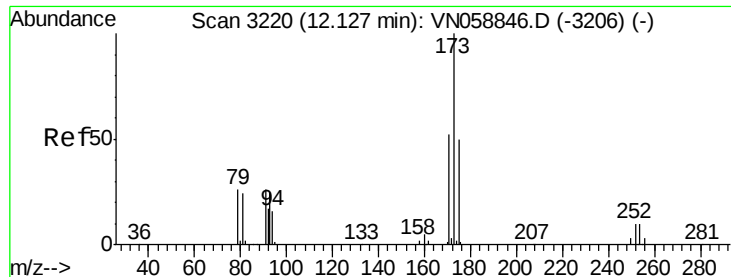


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.470 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

ClientSampled :

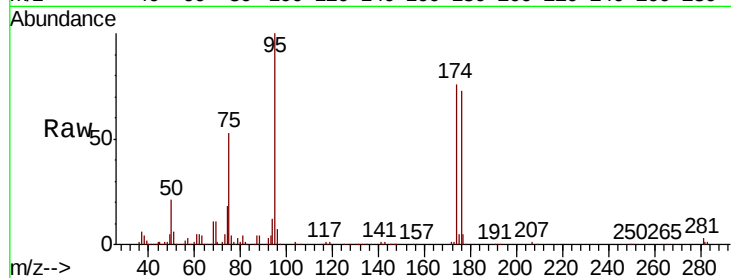
Tot Ion:173 Resp: 1252

Ion Ratio Lower Upper

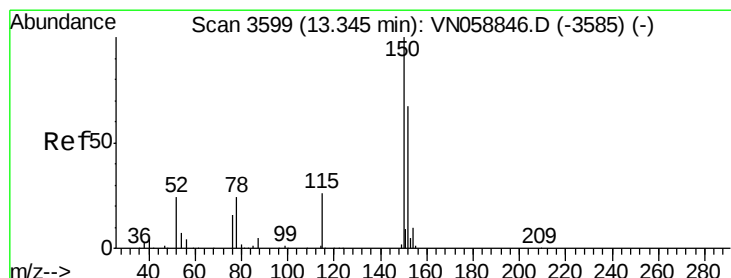
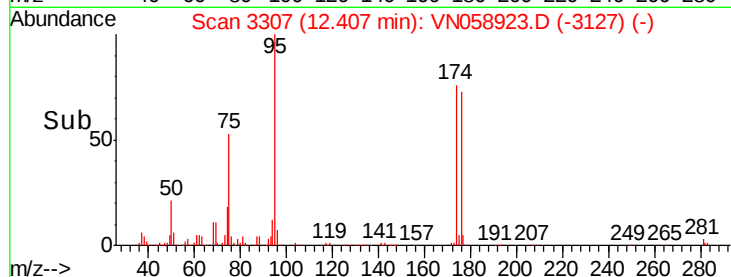
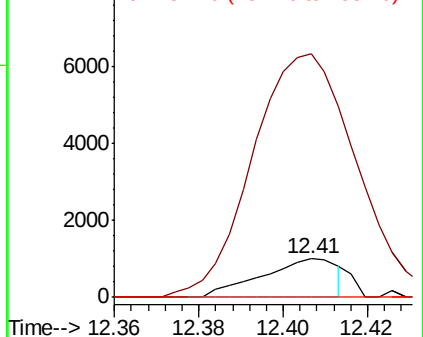
173 100

175 690.3 24.7 74.1#

254 0.0 0.0 0.0



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# 3600

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

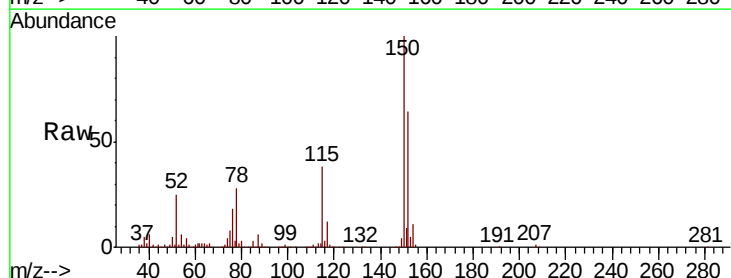
Tgt Ion:152 Resp: 162986

Ion Ratio Lower Upper

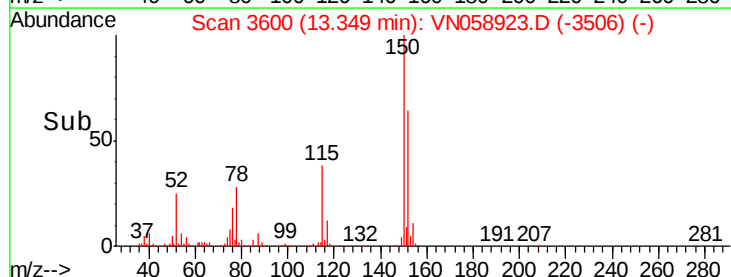
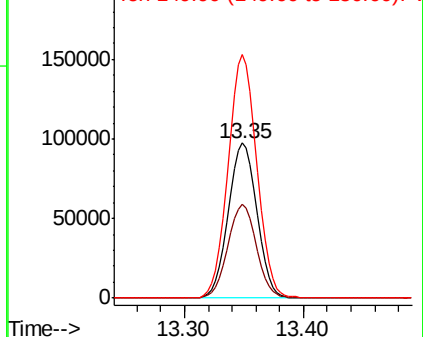
152 100

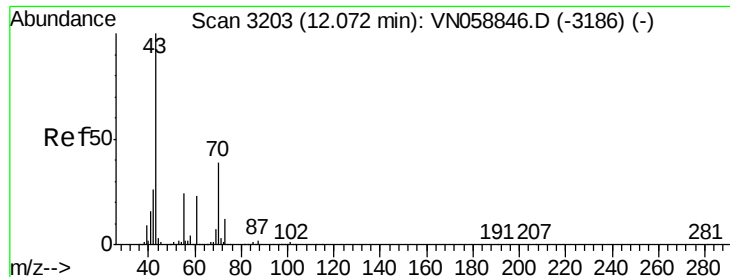
115 60.3 30.5 91.5

150 156.3 0.0 344.4



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





#74

N-amvl acetate

Concen: 0.622 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 3357

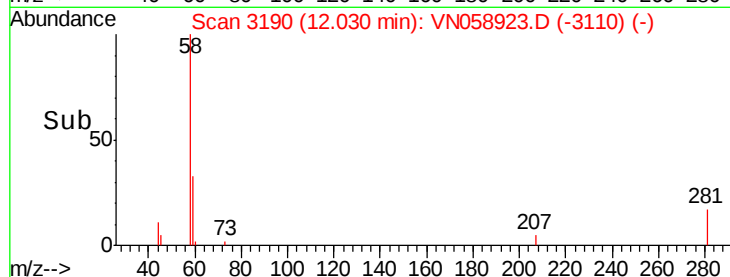
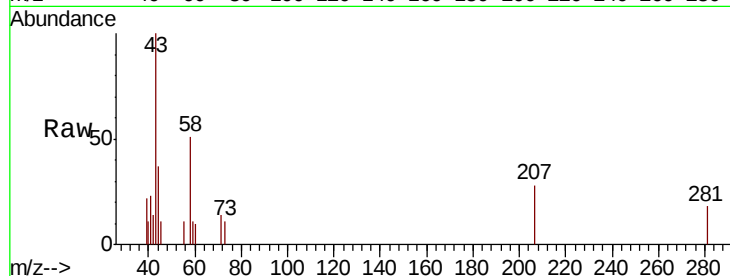
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 6.4 19.7 29.5#

61 0.0 18.2 27.4#

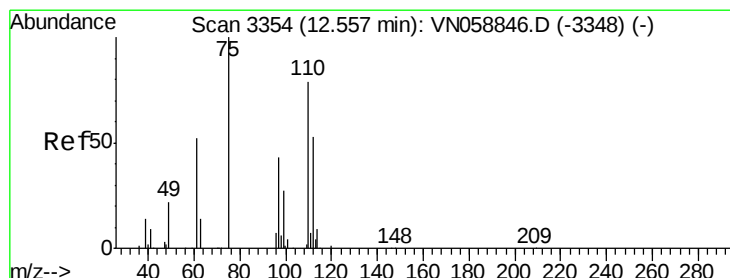
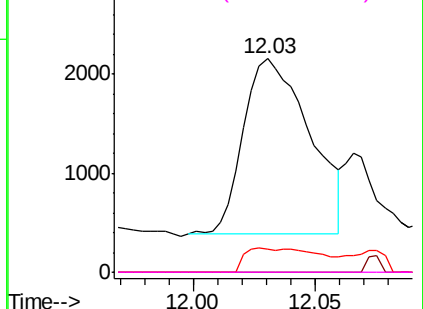


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 27.859 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058923.D

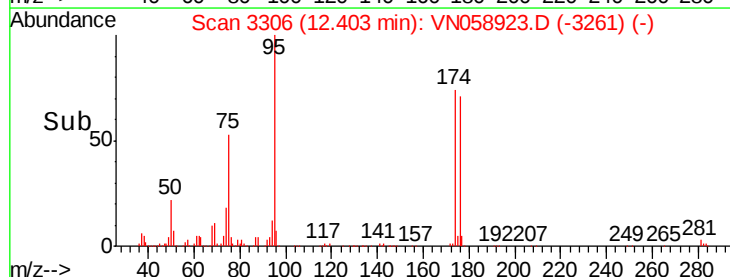
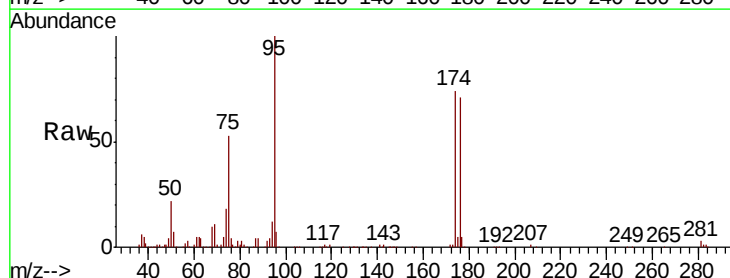
Acq: 23 Oct 2019 12:50

Tgt Ion: 75 Resp: 105233

Ion Ratio Lower Upper

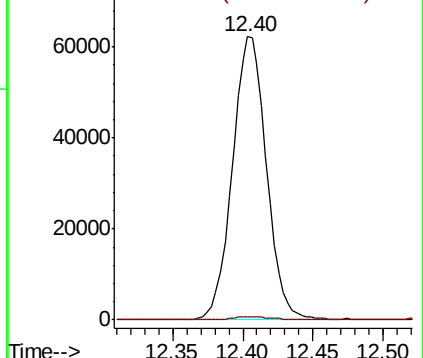
75 100

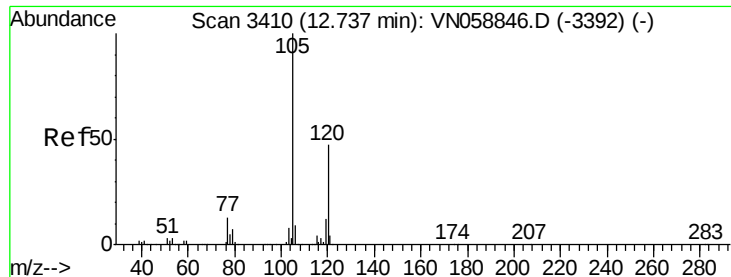
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.383 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

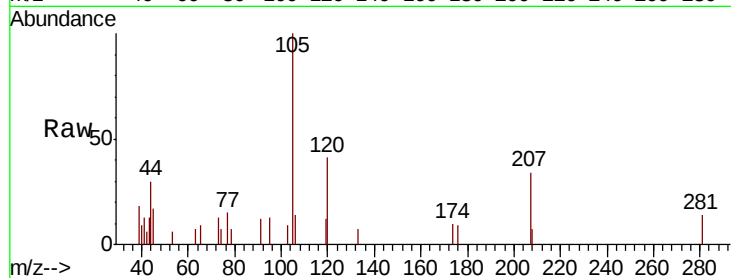
ClientSampled :

Tot Ion:105 Resp: 3836

Ion Ratio Lower Upper

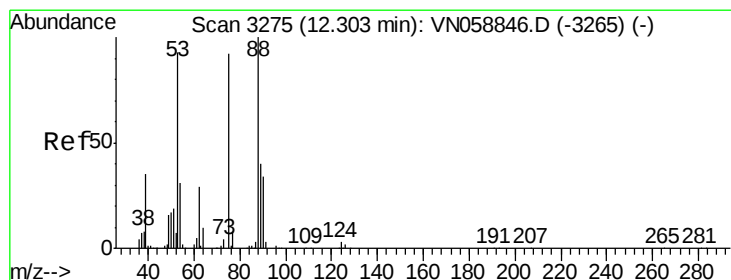
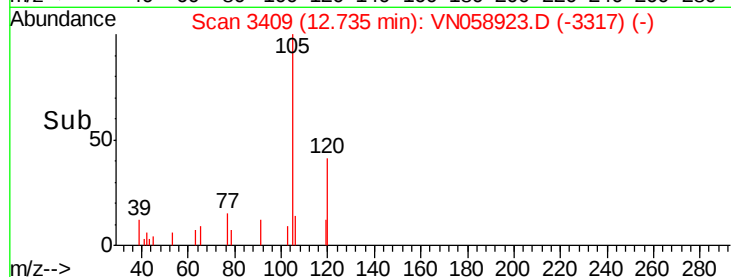
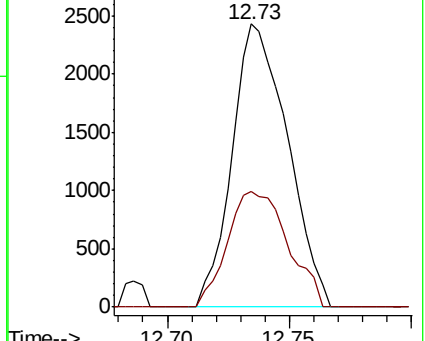
105 100

120 44.4 23.8 71.5



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: 72.574 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

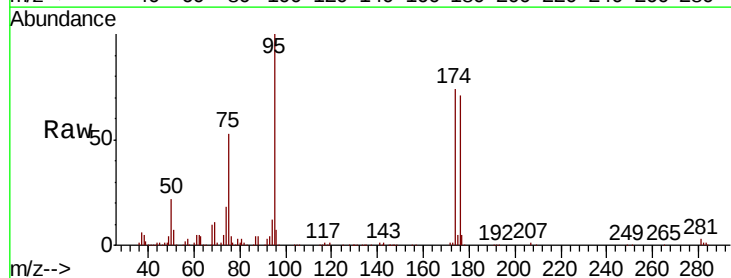
Tgt Ion: 75 Resp: 105233

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

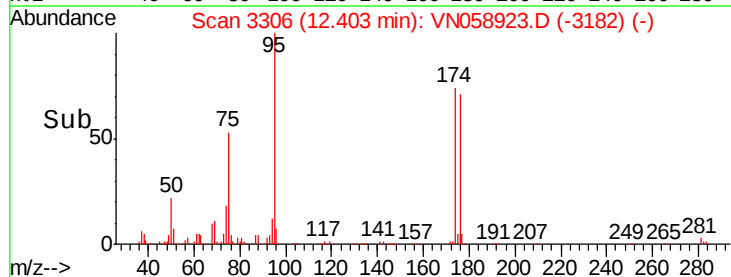
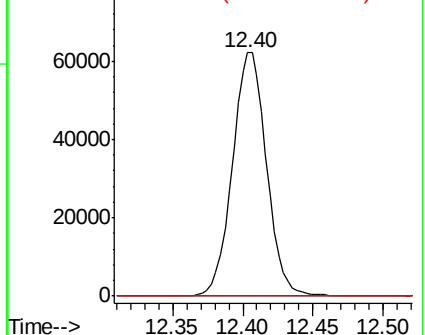
89 0.0 35.4 53.0#

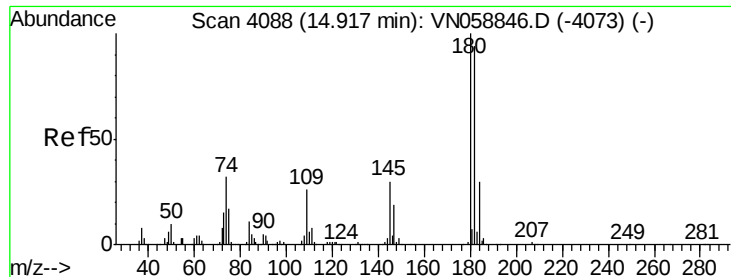


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#93

1,2,4-Trichlorobenzene

Concen: 2.998 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. -0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

ClientSampled :

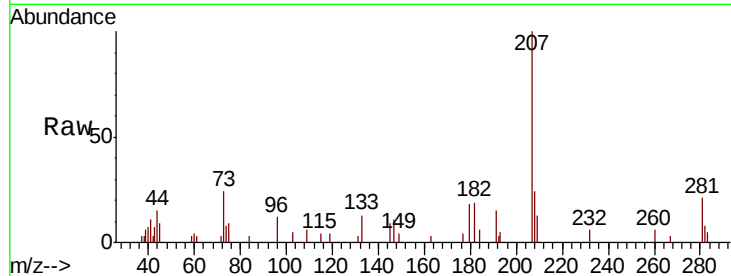
Tot Ion:180 Resp: 1633

Ion Ratio Lower Upper

180 100

182 106.7 47.3 142.0

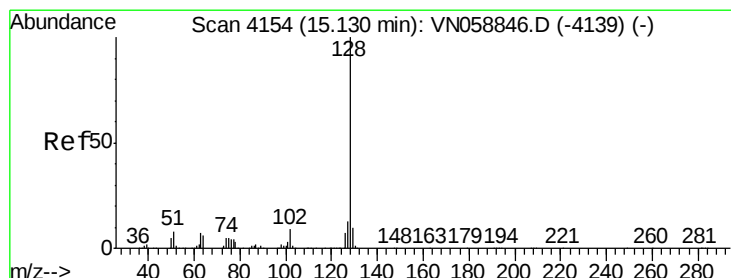
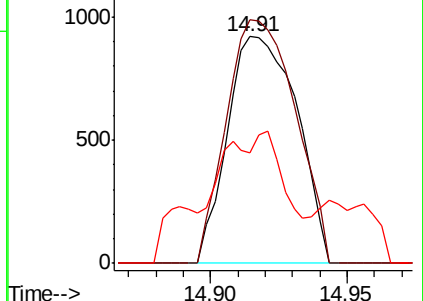
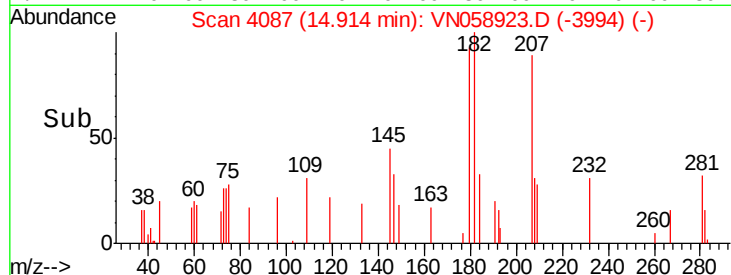
145 14.0 15.3 45.8#



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: 5.237 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

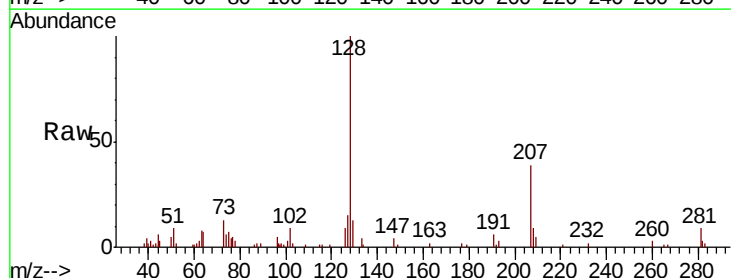
Tgt Ion:128 Resp: 29422

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

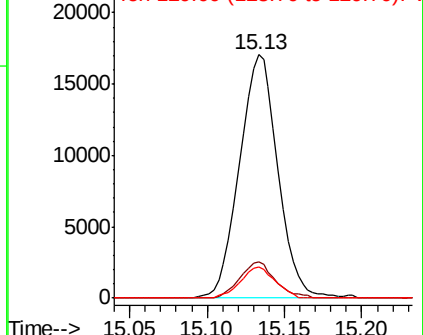
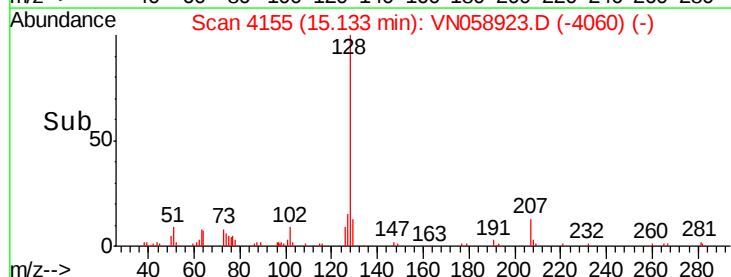
129 11.6 8.4 12.6

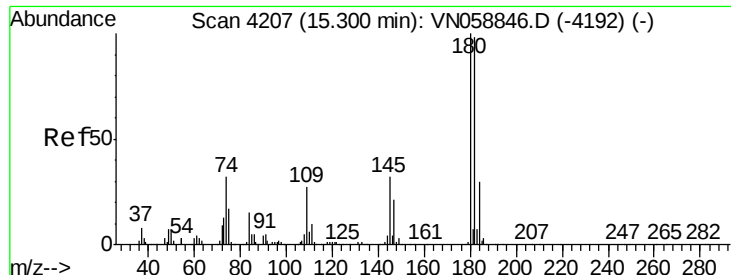


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.048 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN058923.D
 Acq: 23 Oct 2019 12:50

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.7
145	60.8	15.9	47.7#

