

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\
 Data File : VN051023.D
 Acq On : 4 Sep 2018 16:45
 Operator : MD\SY
 Sample : J4764-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP

Quant Time: Sep 05 01:10:08 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	583637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	945750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	818296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	297343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	377910	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
35) Dibromofluoromethane	7.59	113	358013	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	10.09	98	1293285	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
62) 4-Bromofluorobenzene	12.40	95	353977	37.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.74%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2298	0.24	ug/l	95
5) Bromomethane	2.57	94	2114	Below	Cal #	75
10) Methyl Iodide	3.96	142	357	6.39	ug/l #	43
14) Allyl chloride	4.55	41	12637	1.24	ug/l #	26
16) Acetone	3.82	43	41460	18.37	ug/l	98
18) Methyl Acetate	4.33	43	14383	2.17	ug/l	92
20) Methylene Chloride	4.55	84	347887	43.93	ug/l	98
25) 2-Butanone	6.85	43	4048	1.43	ug/l #	69
29) Tetrahydrofuran	7.22	42	1667	1.03	ug/l #	43
30) Chloroform	7.38	83	9008	0.70	ug/l	90
31) Cyclohexane	7.67	56	9646	1.27	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38486	3.45	ug/l #	44
38) Carbon Tetrachloride	7.67	117	50439	4.47	ug/l #	16
41) Methacrylonitrile	7.22	41	814	0.23	ug/l #	40
43) Isopropyl Acetate	8.17	43	253549	23.00	ug/l	95
47) Bromodichloromethane	9.40	83	2596	0.24	ug/l #	83
48) Methyl methacrylate	9.18	41	7303	1.30	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	1726	0.26	ug/l	99
52) Toluene	10.16	92	8962	0.45	ug/l	96
56) Ethyl methacrylate	10.23	69	1918	2.54	ug/l #	88
59) 2-Hexanone	10.77	43	12469	2.85	ug/l	63
67) Ethyl Benzene	11.51	91	18051	0.52	ug/l	96
68) m/p-Xylenes	11.62	106	16417	1.24	ug/l	92
69) o-Xylene	11.95	106	6361	0.50	ug/l	99
70) Styrene	11.96	104	6409	1.55	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.41	83	30	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	163570	31.41	ug/l #	100
78) n-propylbenzene	12.59	91	6202	0.23	ug/l	94
79) 2-Chlorotoluene	12.66	91	3838	0.22	ug/l #	46
80) 1,3,5-Trimethylbenzene	12.73	105	12885	0.65	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	163570	106.18	ug/l #	15
83) tert-Butylbenzene	13.04	119	6587	0.38	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.04	105	40575	2.03	ug/l	95
90) Hexachloroethane	13.89	117	1841	0.69	ug/l #	4

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

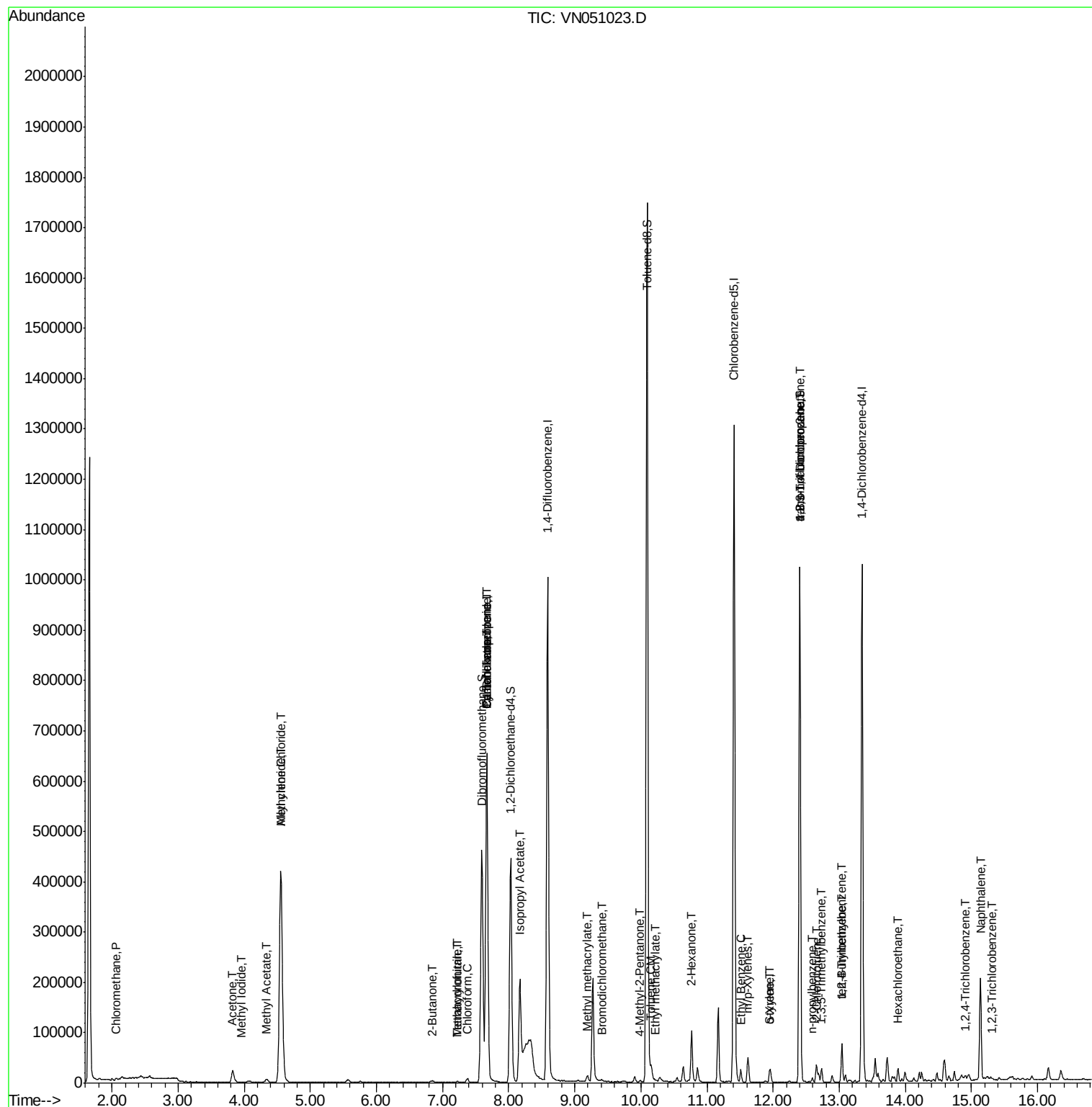
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2824	4.54	ug/l #	76
95) Naphthalene	15.14	128	179719	18.89	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	777	3.43	ug/l #	43

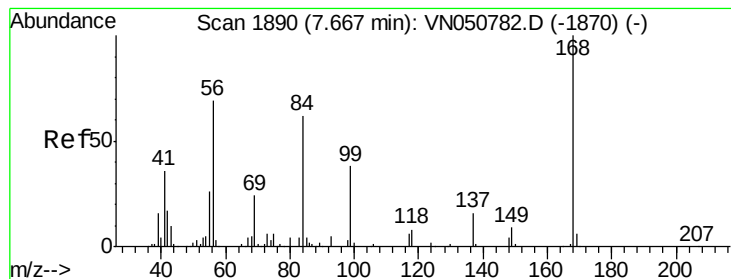
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

Instrument :

MSVOA_N

ClientSampled :

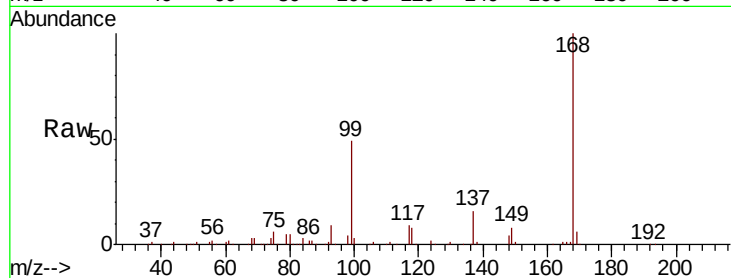
SP

Tot Ion:168 Resp: 583637

Ion Ratio Lower Upper

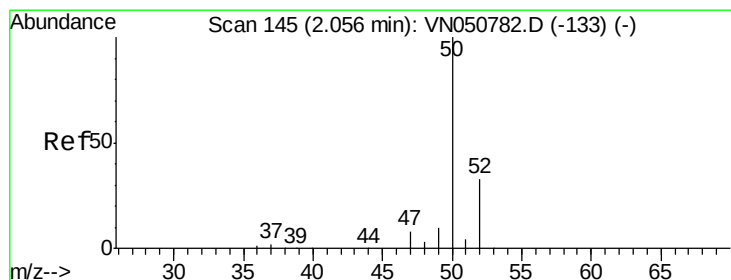
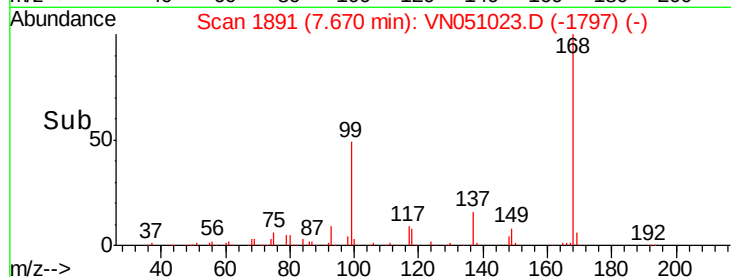
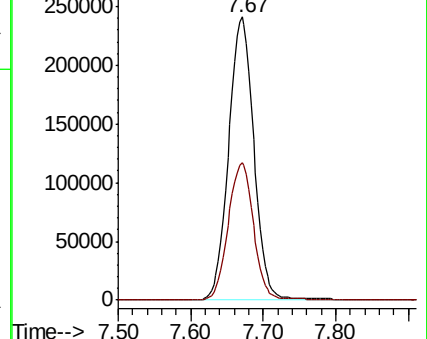
168 100

99 48.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.24 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN051023.D

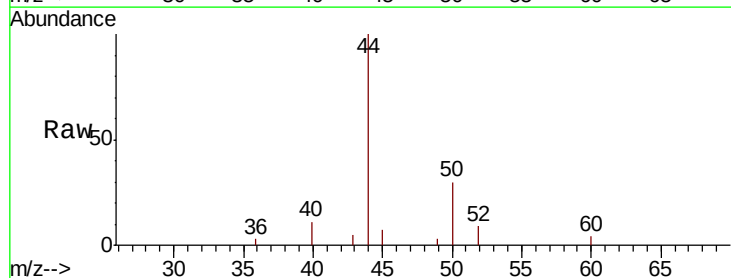
Acq: 4 Sep 2018 16:45

Tgt Ion: 50 Resp: 2298

Ion Ratio Lower Upper

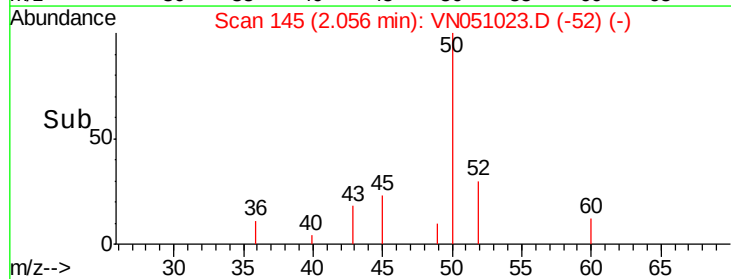
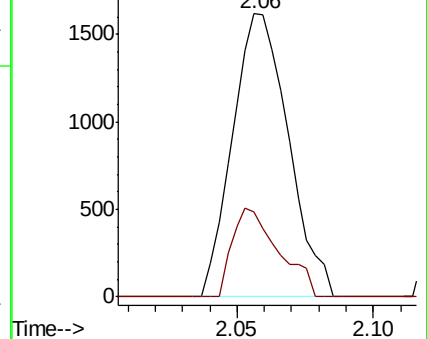
50 100

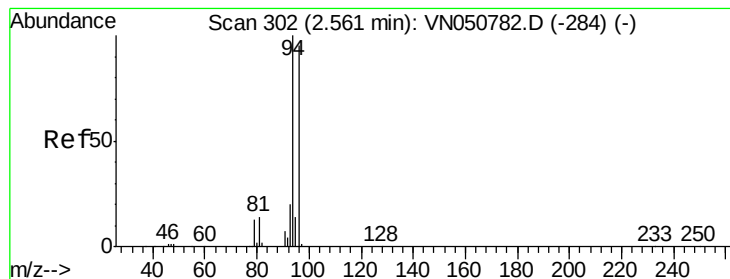
52 29.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

Instrument :

MSVOA_N

ClientSampled :

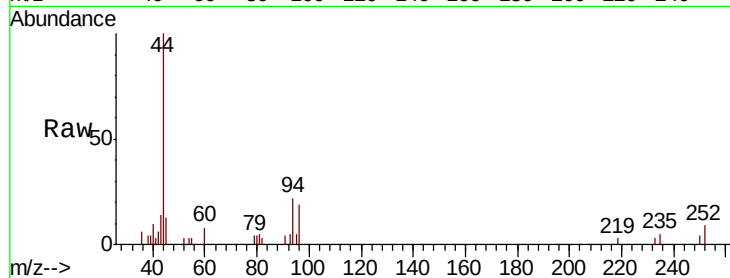
SP

Tot Ion: 94 Resp: 2114

Ion Ratio Lower Upper

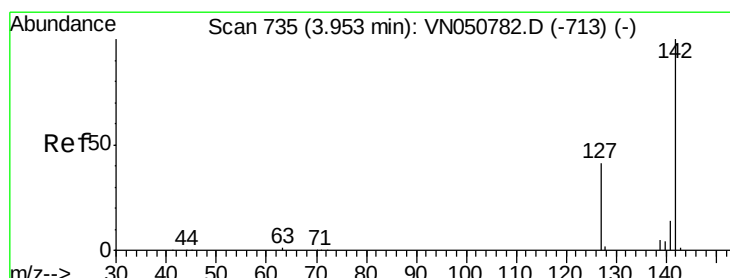
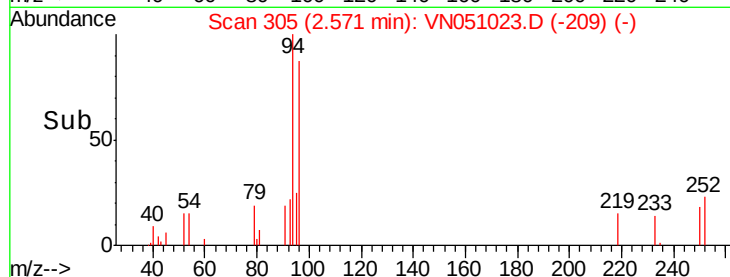
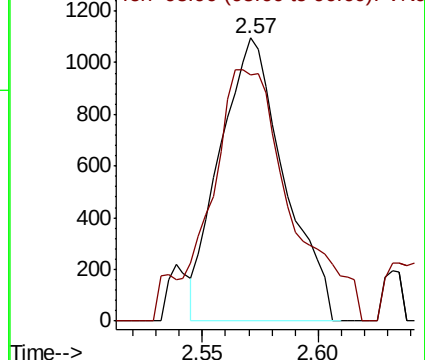
94 100

96 71.2 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN050782.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN051023.D (-209) (-)



#10

Methyl Iodide

Concen: 6.39 ug/l

RT: 3.96 min Scan# 736

Delta R.T. 0.00 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

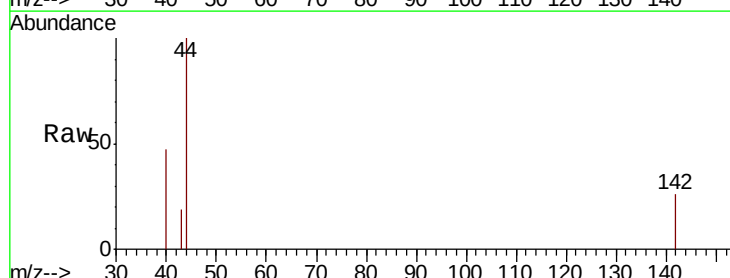
Tgt Ion: 142 Resp: 357

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

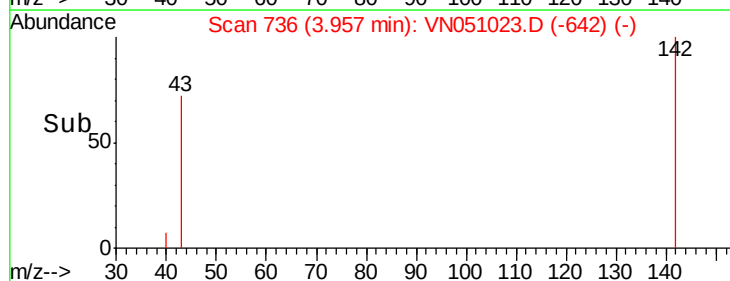
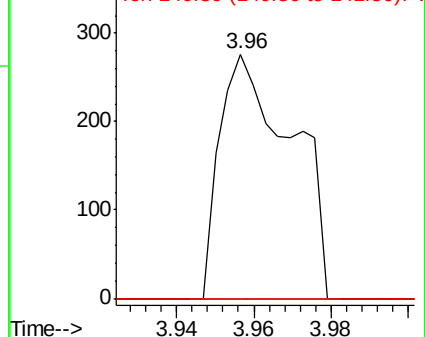
141 0.0 11.4 17.0#

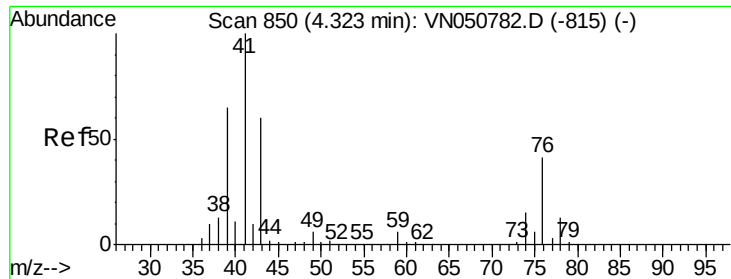


Abundance Ion 141.80 (141.50 to 142.50): VN050782.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050782.D (-713) (-)

Ion 140.80 (140.50 to 141.50): VN051023.D (-642) (-)

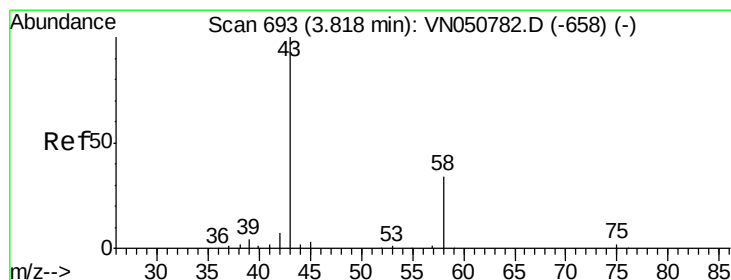
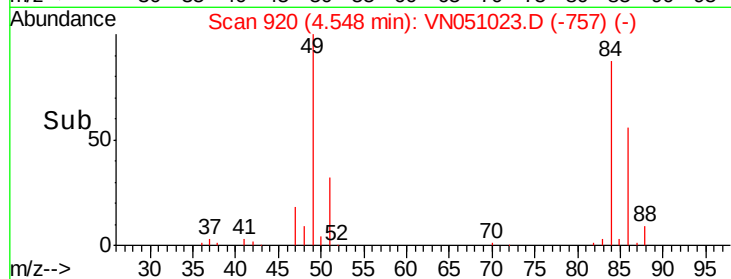
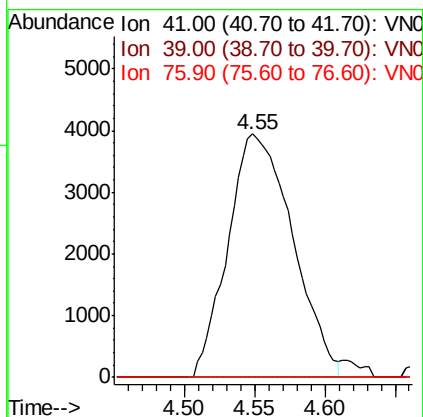
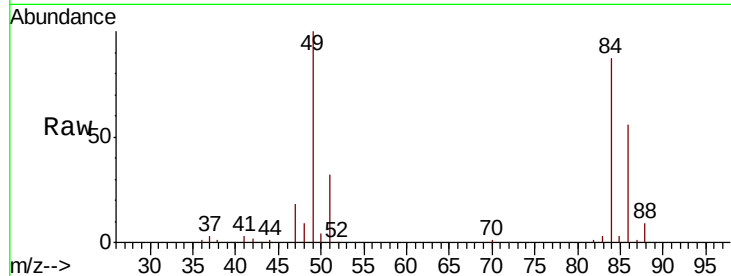




#14
Allvl chloride
Concen: 1.24 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.23 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

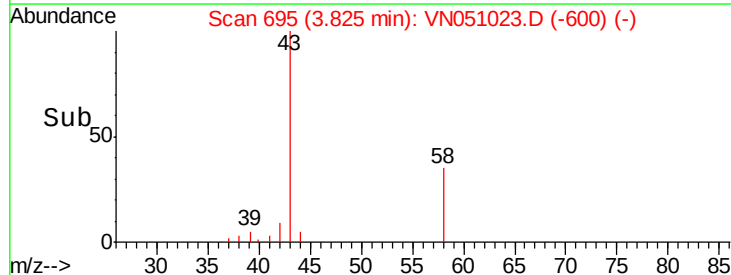
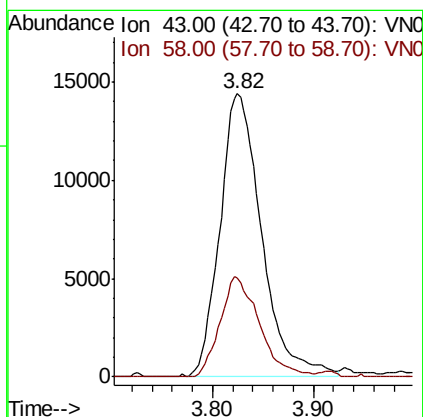
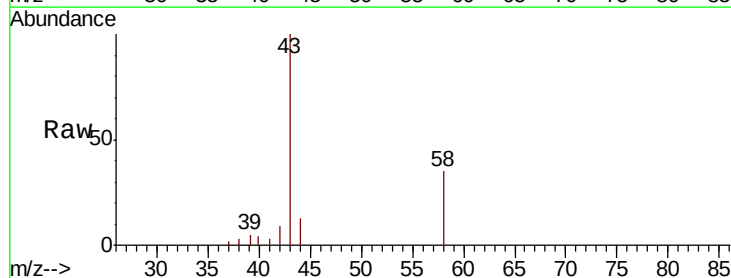
Instrument :
MSVOA_N
ClientSampled :
SP

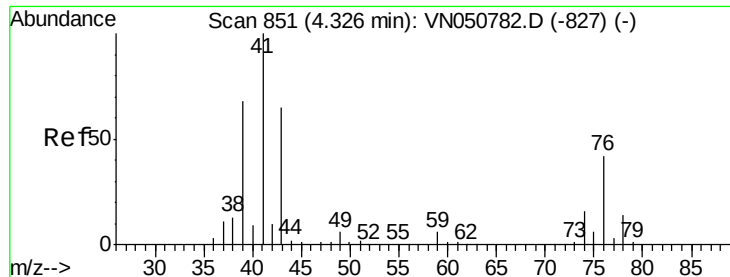
Tot Ion: 41 Resp: 12637
Ion Ratio Lower Upper
41 100
39 0.0 50.2 75.2#
76 0.0 29.8 44.8#



#16
Acetone
Concen: 18.37 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

Tgt Ion: 43 Resp: 41460
Ion Ratio Lower Upper
43 100
58 35.0 27.2 40.8

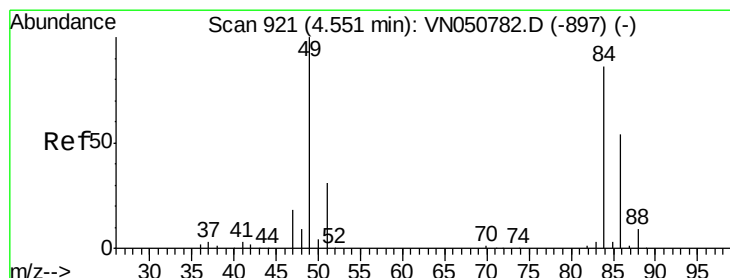
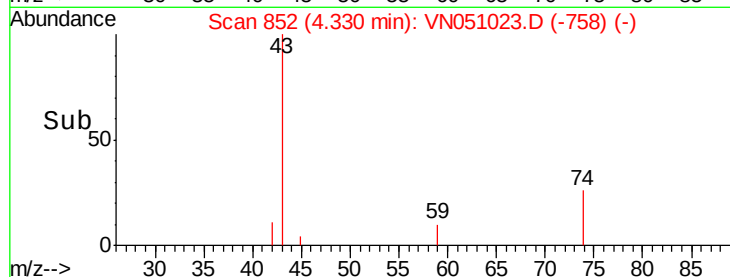
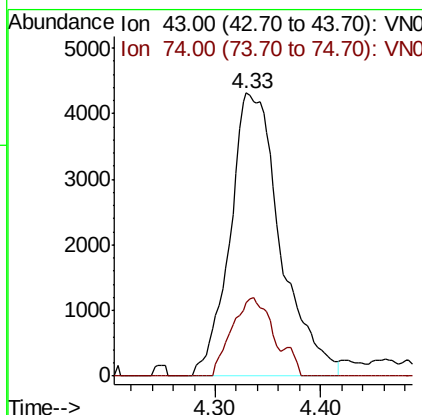
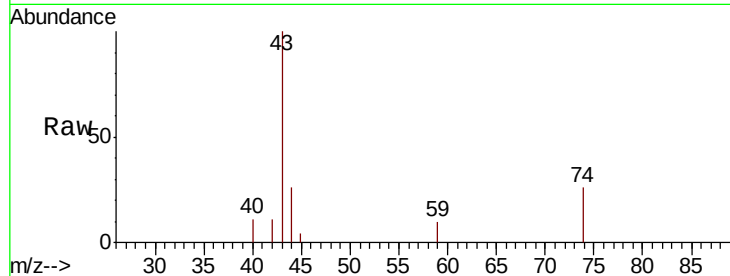




#18
Methyl Acetate
Concen: 2.17 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

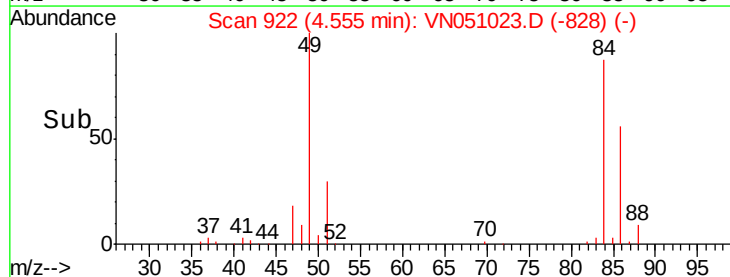
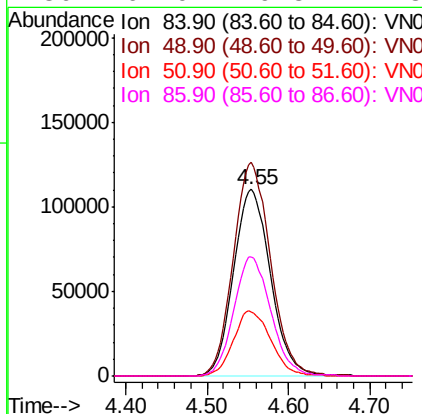
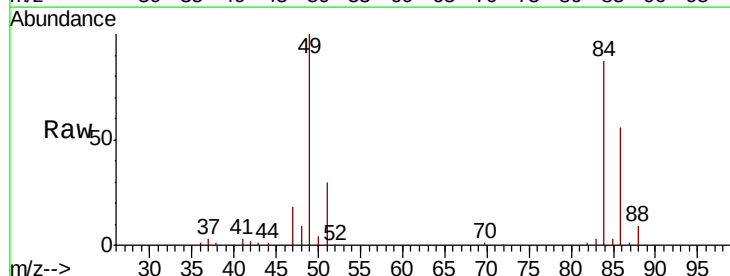
Instrument :
MSVOA_N
ClientSampled :
SP

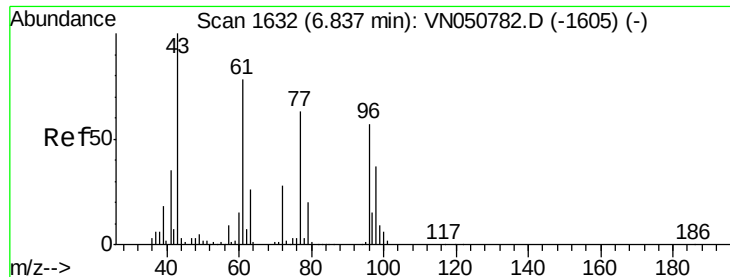
Tot Ion: 43 Resp: 14383
Ion Ratio Lower Upper
43 100
74 20.9 19.8 29.8



#20
Methylene Chloride
Concen: 43.93 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

Tgt Ion: 84 Resp: 347887
Ion Ratio Lower Upper
84 100
49 114.5 93.2 139.8
51 34.3 29.0 43.6
86 64.0 49.8 74.8

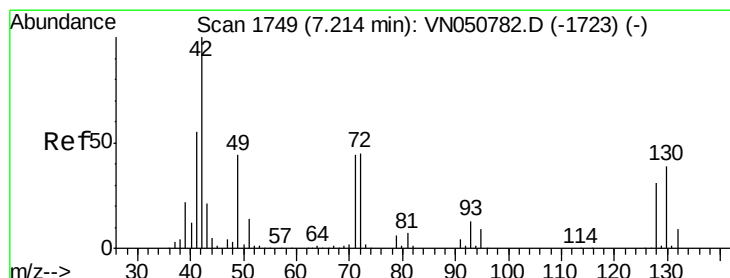
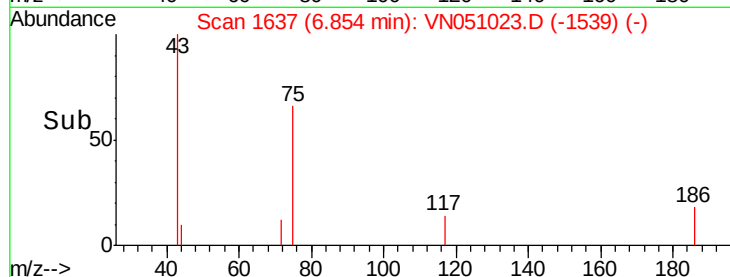
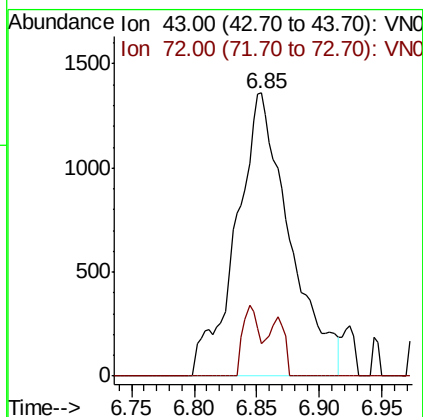
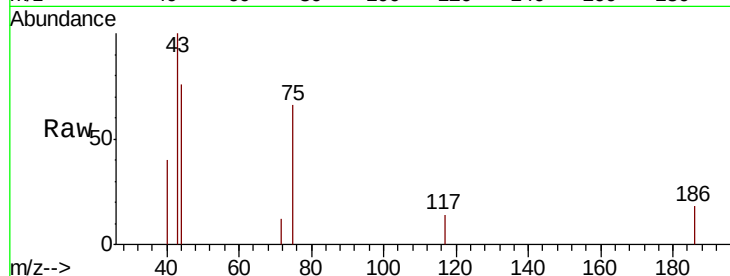




#25
2-Butanone
Concen: 1.43 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.02 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

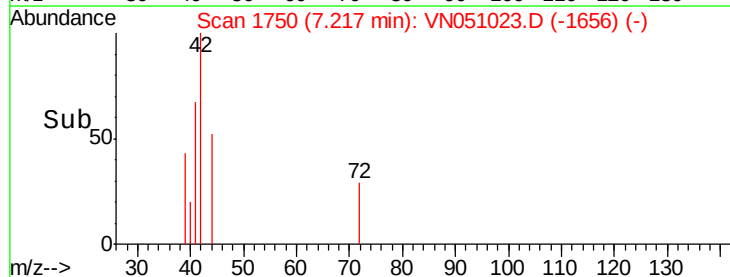
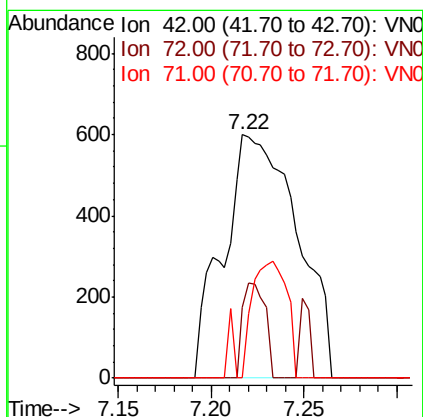
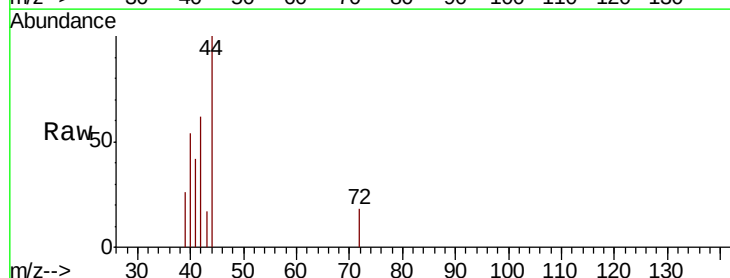
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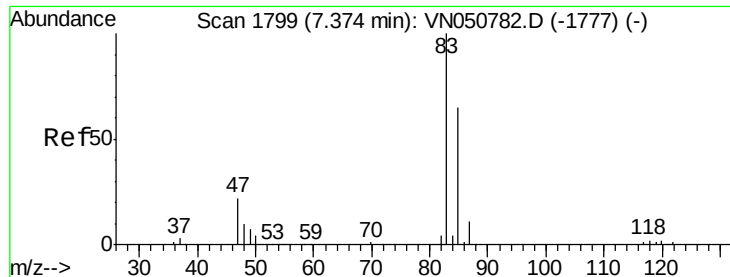
Tot Ion: 43 Resp: 4048
Ion Ratio Lower Upper
43 100
72 11.7 22.3 33.5#



#29
Tetrahydrofuran
Concen: 1.03 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

Tgt Ion: 42 Resp: 1667
Ion Ratio Lower Upper
42 100
72 11.8 35.5 53.3#
71 2.0 33.7 50.5#

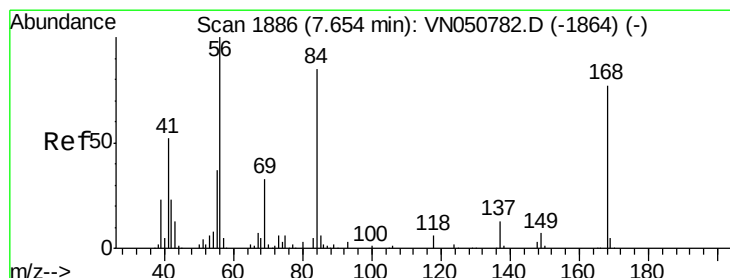
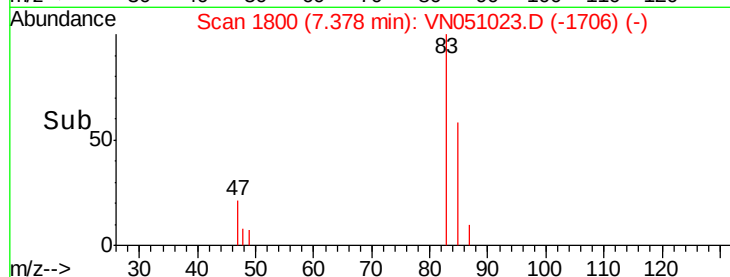
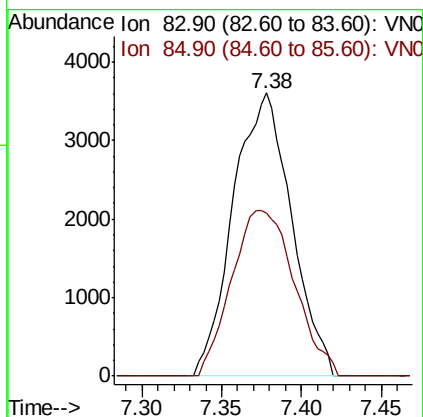
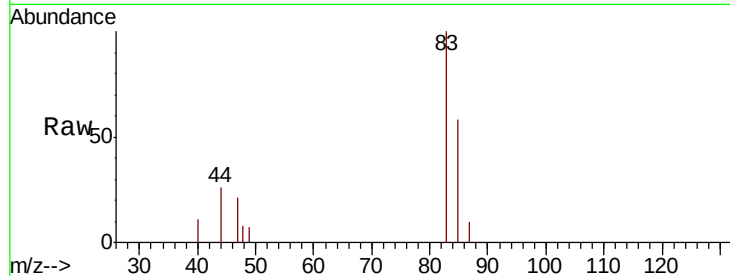




#30
Chloroform
Concen: 0.70 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

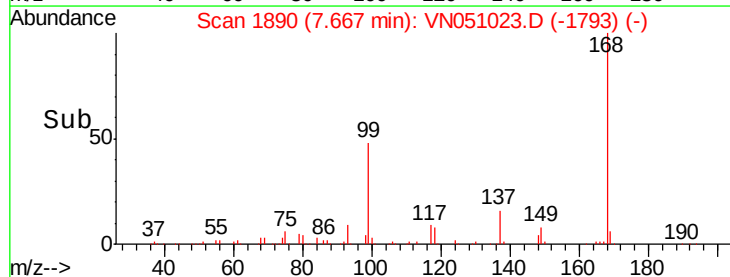
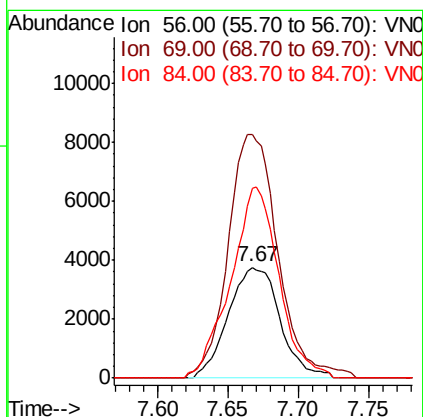
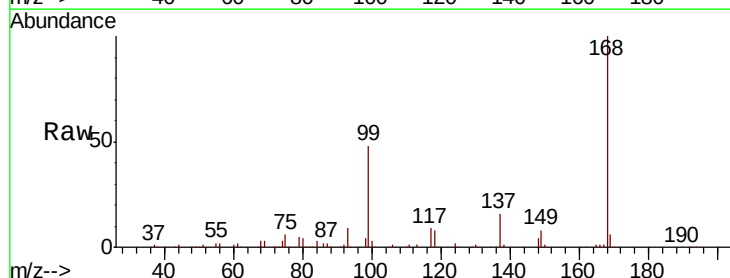
Instrument :
MSVOA_N
ClientSampled :
SP

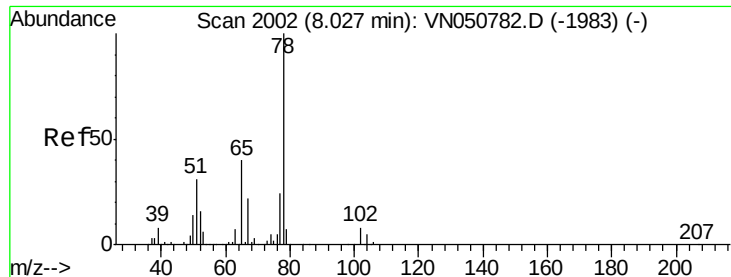
Tot Ion: 83 Resp: 9008
Ion Ratio Lower Upper
83 100
85 57.5 52.2 78.4



#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

Tgt Ion: 56 Resp: 9646
Ion Ratio Lower Upper
56 100
69 215.3 26.2 39.4#
84 171.1 68.3 102.5#

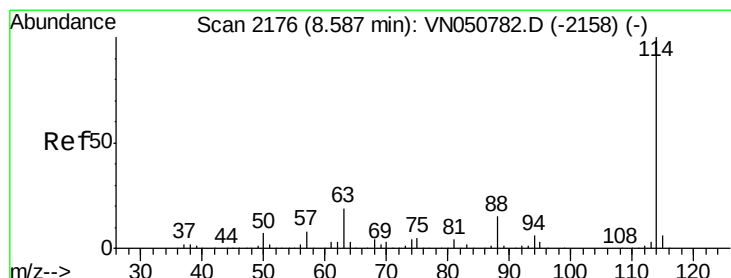
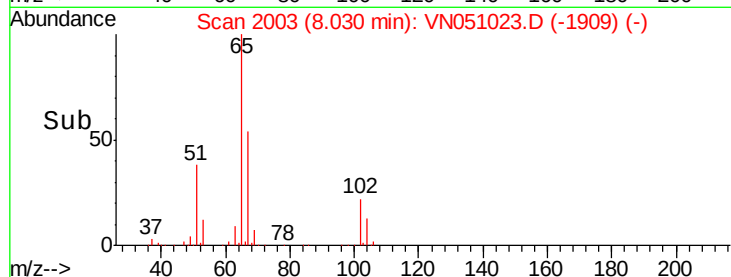
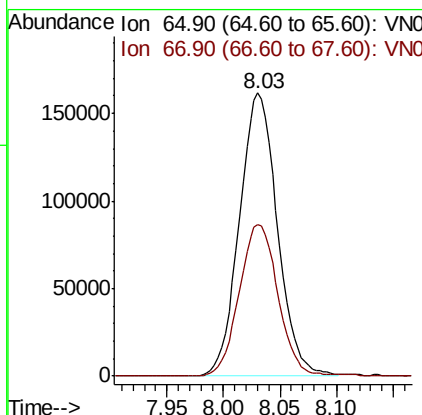
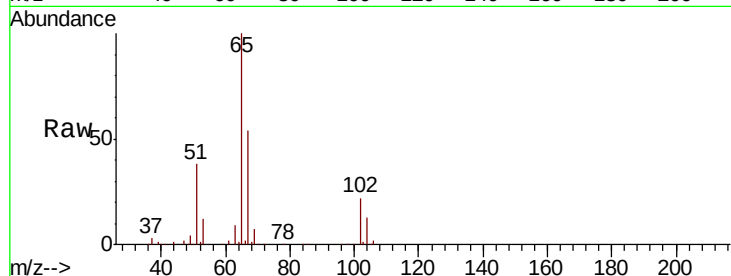




#33
 1,2-Dichloroethane-d4
 Concen: 53.79 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN051023.D
 Acq: 4 Sep 2018 16:45

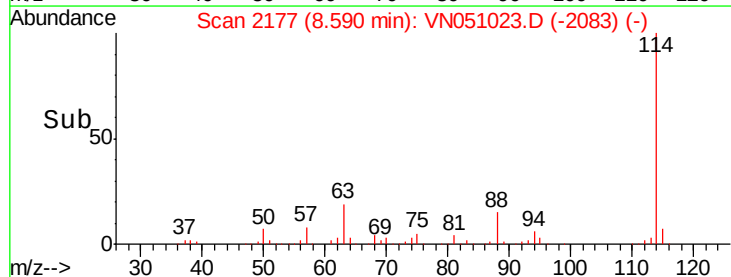
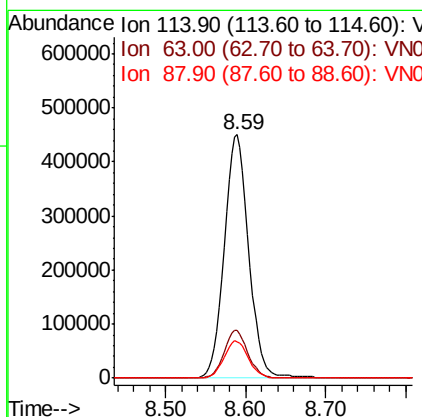
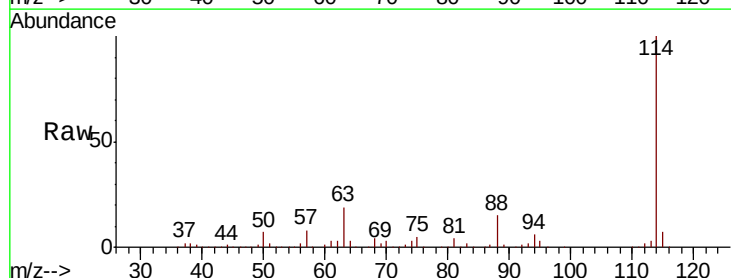
Instrument :
 MSVOA_N
 ClientSampleId :
 SP

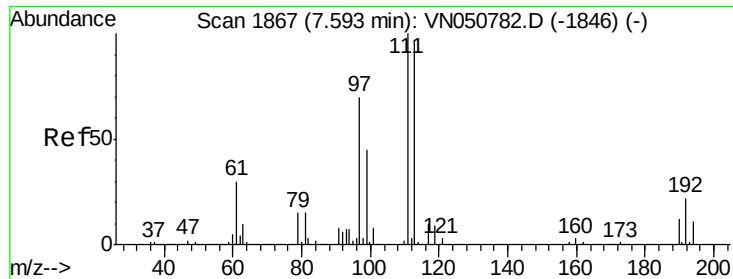
Tot Ion: 65 Resp: 377910
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN051023.D
 Acq: 4 Sep 2018 16:45

Tgt Ion: 114 Resp: 945750
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.1 0.0 30.6

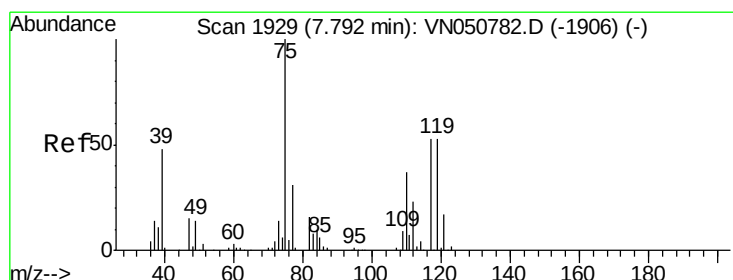
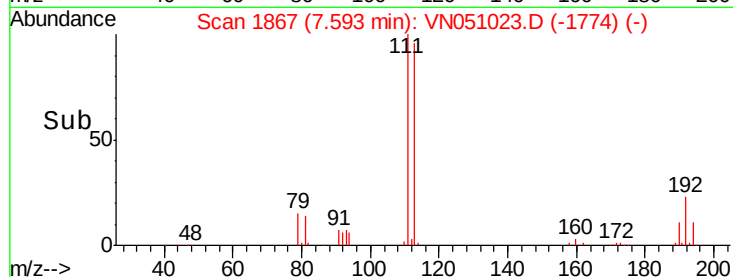
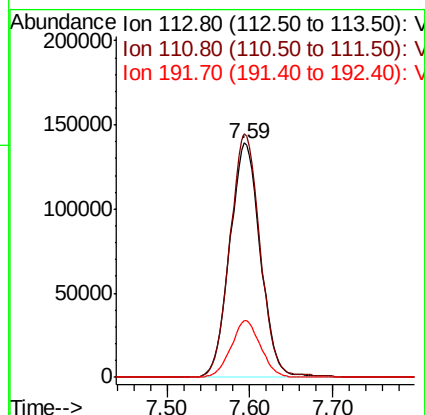
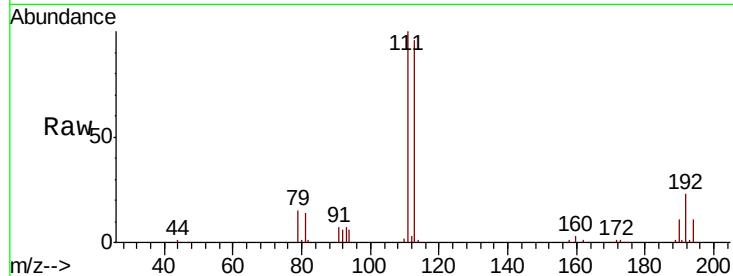




#35
 Dibromofluoromethane
 Concen: 47.58 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN051023.D
 Acq: 4 Sep 2018 16:45

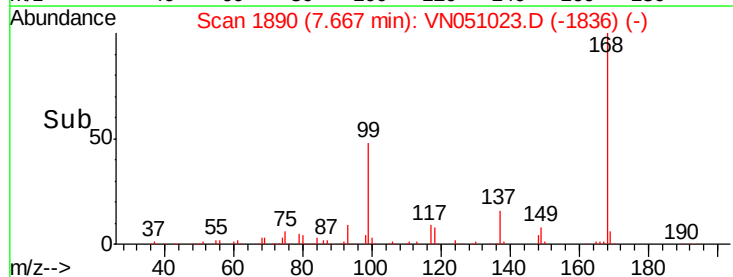
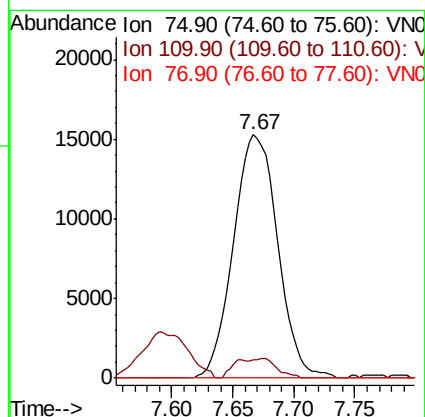
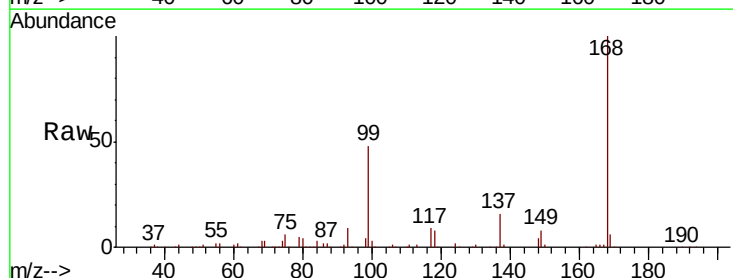
Instrument :
 MSVOA_N
 ClientSampled :
 SP

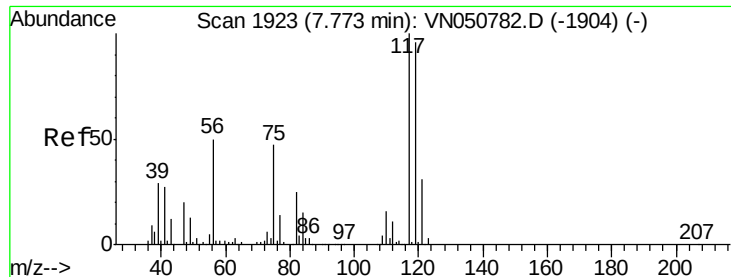
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	23.3	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 3.45 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN051023.D
 Acq: 4 Sep 2018 16:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.2	18.1	54.4#
77	0.0	24.8	37.2#

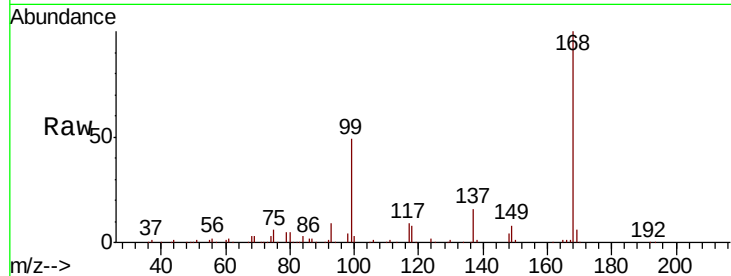




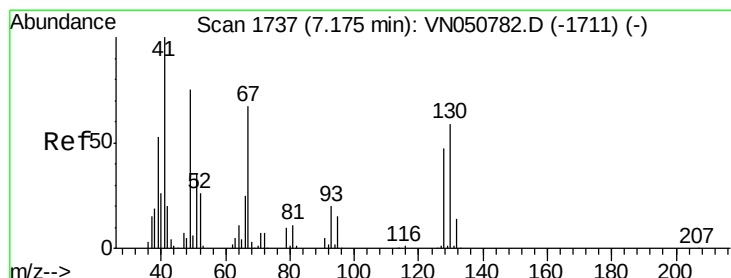
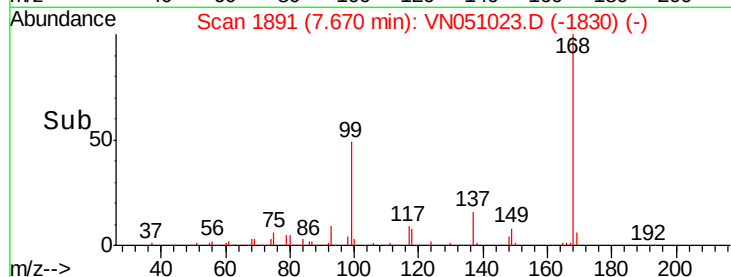
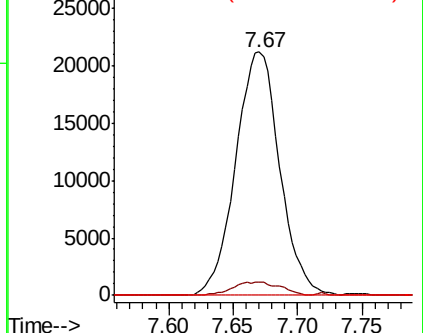
#38
Carbon Tetrachloride
Concen: 4.47 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.10 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

Instrument :
MSVOA_N
ClientSampled :
SP

Tot Ion:117 Resp: 50439
Ion Ratio Lower Upper
117 100
119 5.5 76.3 114.5#
121 0.0 24.6 36.8#

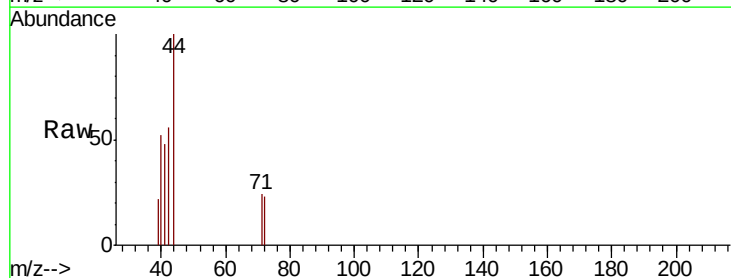


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

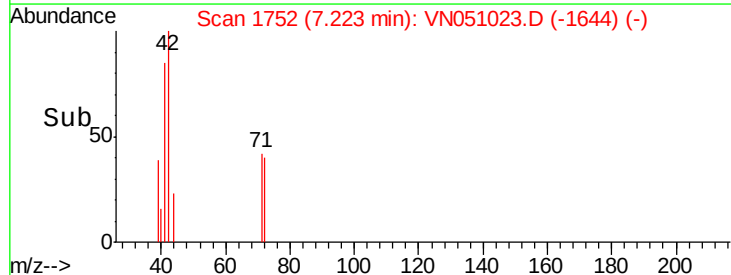
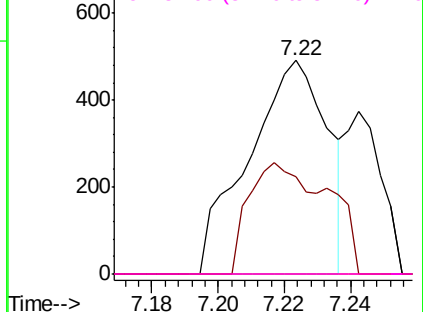


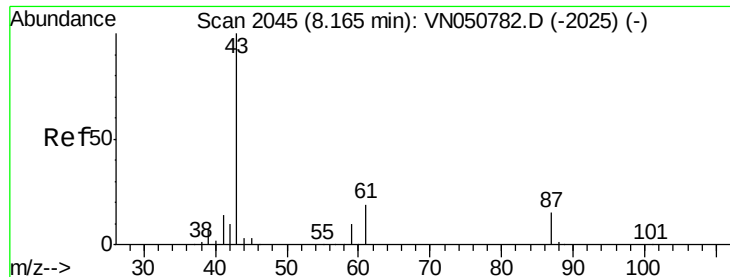
#41
Methacrylonitrile
Concen: 0.23 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.05 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

Tgt Ion: 41 Resp: 814
Ion Ratio Lower Upper
41 100
39 52.2 45.4 68.0
67 0.0 70.6 106.0#
52 0.0 27.1 40.7#



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





#43

Isopropyl Acetate

Concen: 23.00 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

Instrument :

MSVOA_N

ClientSampled :

SP

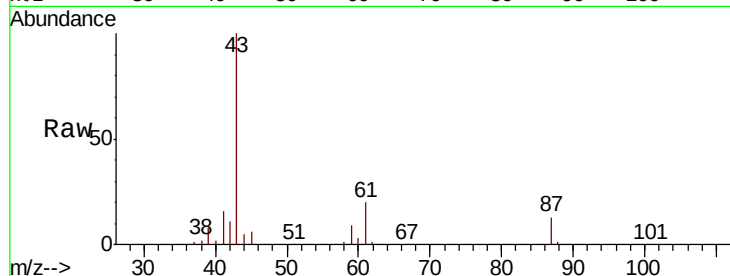
Tot Ion: 43 Resp: 253549

Ion Ratio Lower Upper

43 100

61 19.1 17.5 26.3

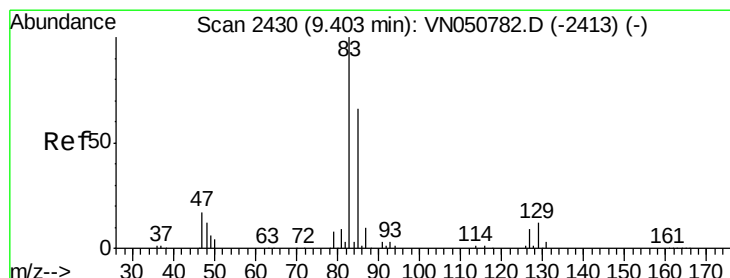
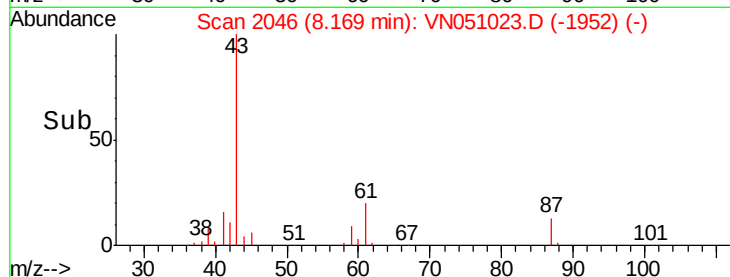
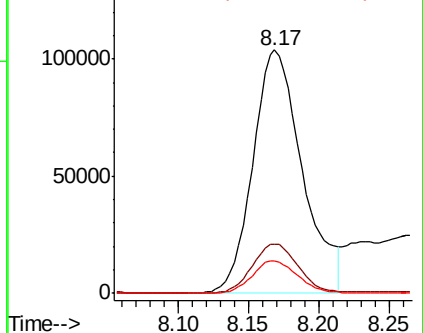
87 12.3 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.24 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

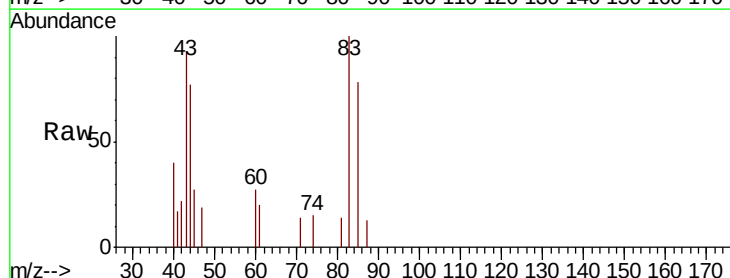
Tgt Ion: 83 Resp: 2596

Ion Ratio Lower Upper

83 100

85 78.4 52.6 78.8

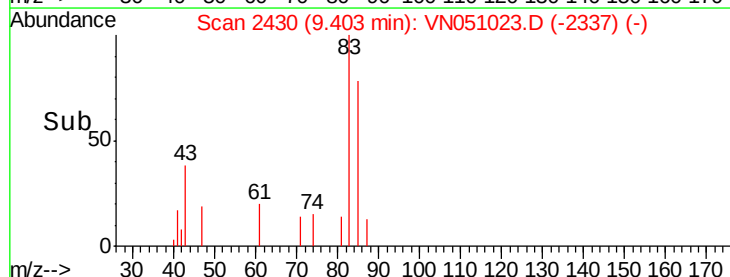
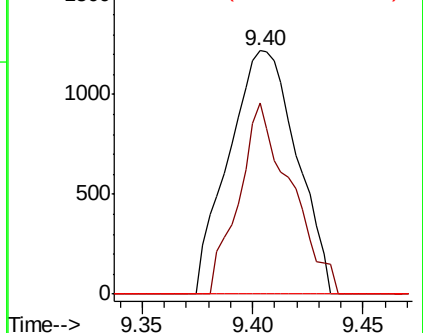
127 0.0 7.2 10.8#

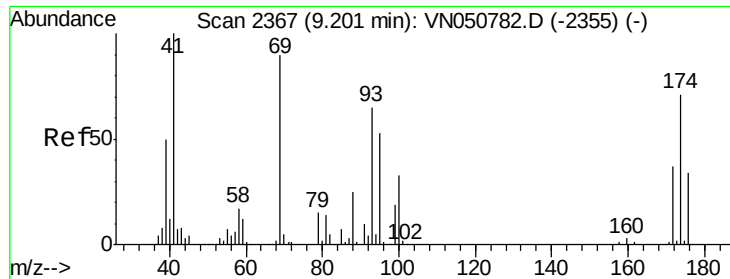


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

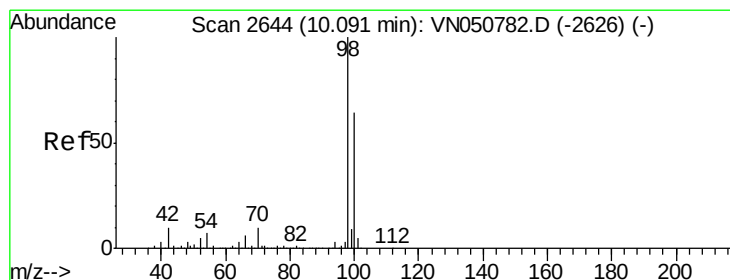
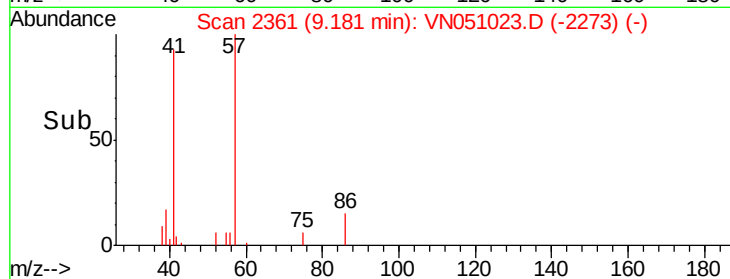
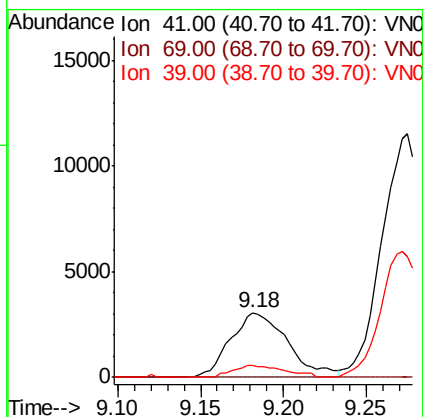
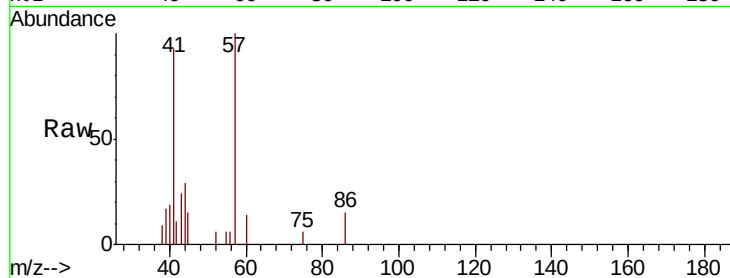




#48
Methvl methacrylate
Concen: 1.30 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

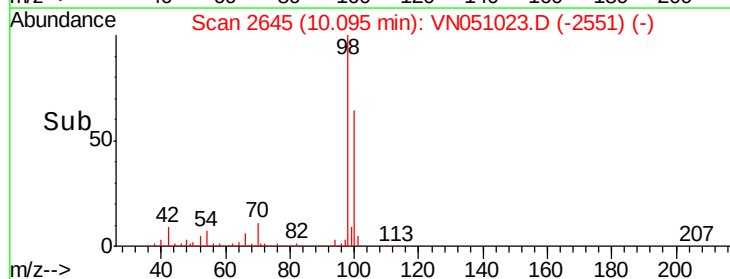
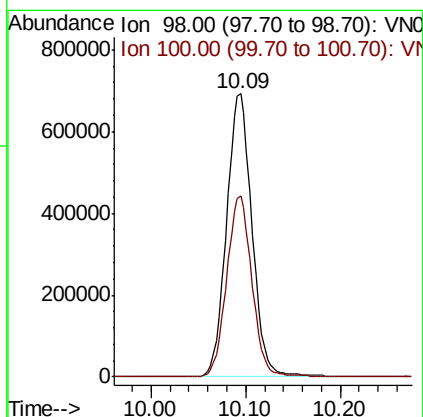
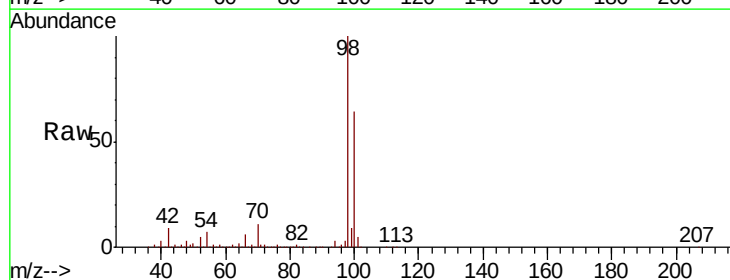
Instrument :
MSVOA_N
ClientSampleId :
SP

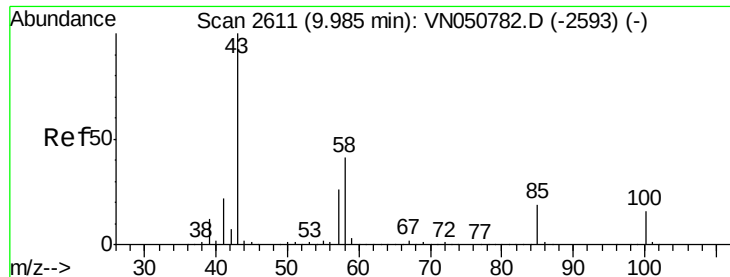
Tot Ion: 41 Resp: 7303
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 16.7 42.2 63.2#



#50
Toluene-d8
Concen: 45.98 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

Tgt Ion: 98 Resp: 1293285
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.26 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

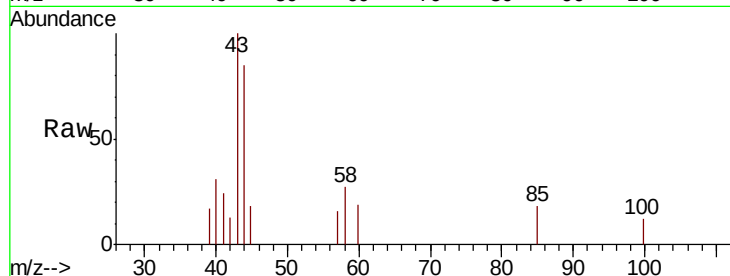
Instrument :
MSVOA_N
ClientSampled :
SP

Tot Ion: 43 Resp: 1726

Ion Ratio Lower Upper

43 100

58 40.2 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2593) (-)

Ion 58.00 (57.70 to 58.70): VN050782.D (-2593) (-)

1500

1000

500

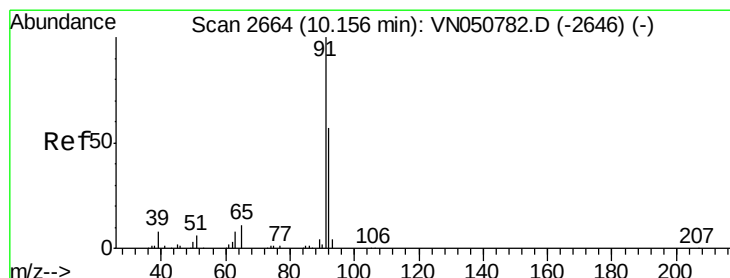
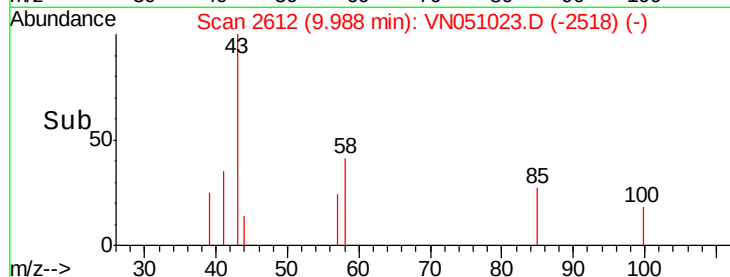
0

9.95

9.99

10.00

Time-->



#52

Toluene

Concen: 0.45 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN051023.D

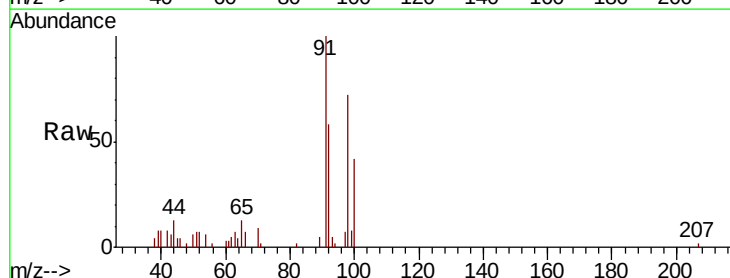
Acq: 4 Sep 2018 16:45

Tgt Ion: 92 Resp: 8962

Ion Ratio Lower Upper

92 100

91 170.3 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN050782.D (-2646) (-)

Ion 91.00 (90.70 to 91.70): VN050782.D (-2646) (-)

10000

8000

6000

4000

2000

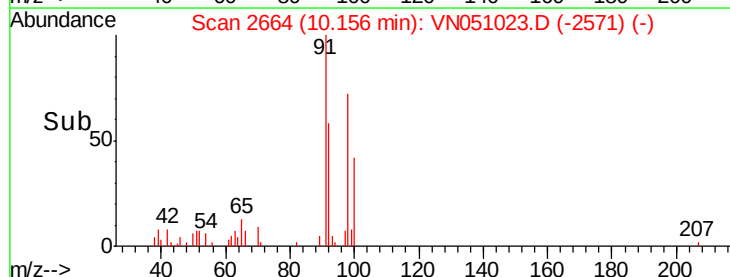
0

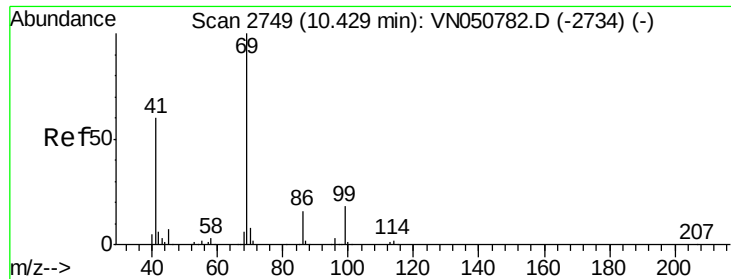
10.10

10.15

10.20

Time-->





#56

Ethyl methacrylate

Concen: 2.54 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.20 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

Instrument :

MSVOA_N

ClientSampled :

SP

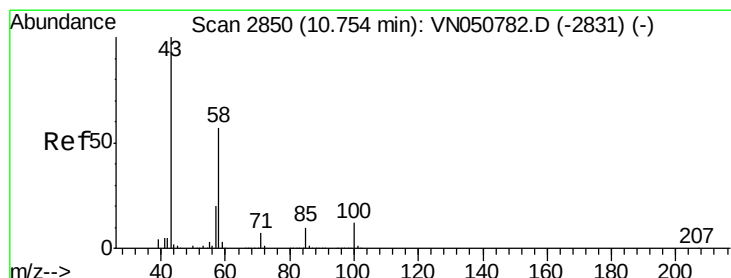
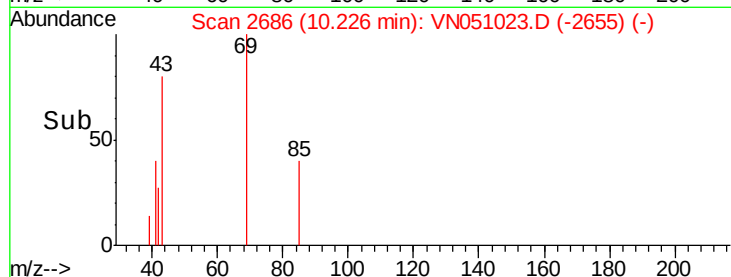
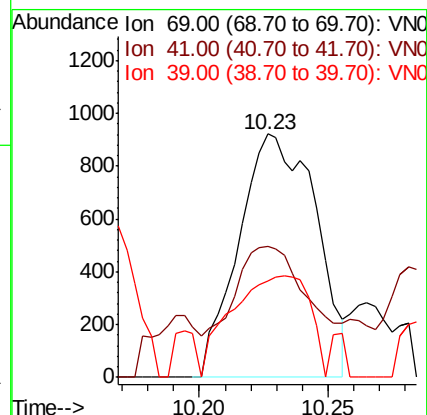
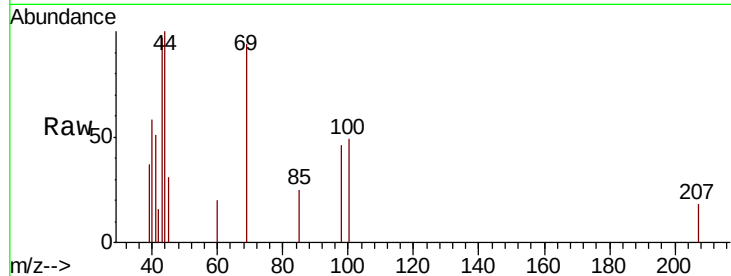
Tot Ion: 69 Resp: 1918

Ion Ratio Lower Upper

69 100

41 55.2 48.3 72.5

39 42.2 24.0 36.0#



#59

2-Hexanone

Concen: 2.85 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN051023.D

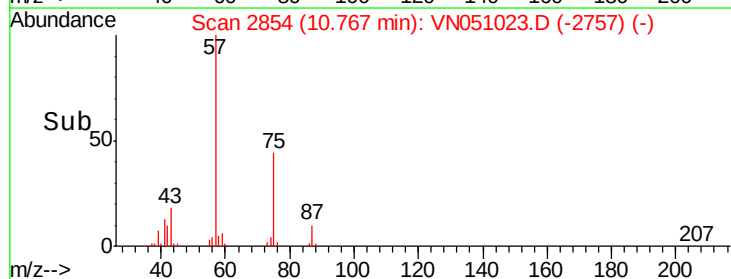
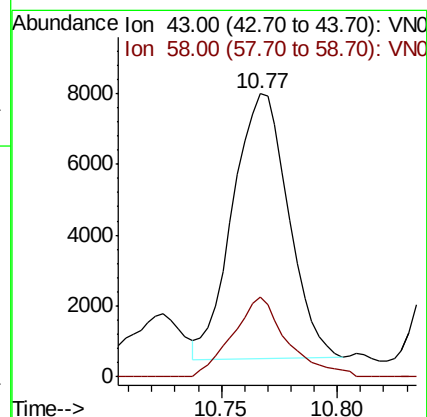
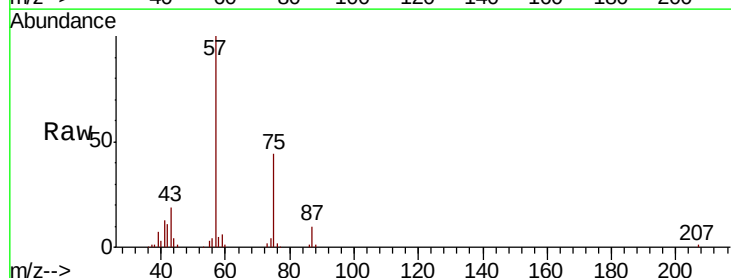
Acq: 4 Sep 2018 16:45

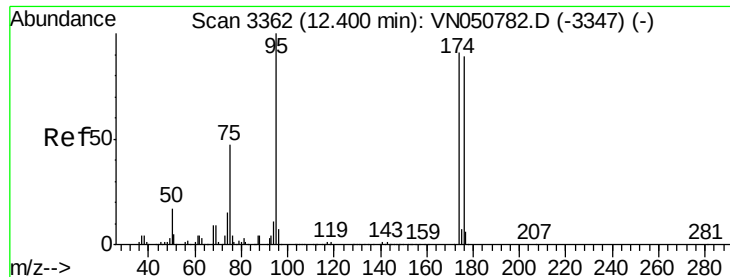
Tgt Ion: 43 Resp: 12469

Ion Ratio Lower Upper

43 100

58 29.5 28.3 85.0





#62

4-Bromofluorobenzene

Concen: 37.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

Instrument :

MSVOA_N

ClientSampled :

SP

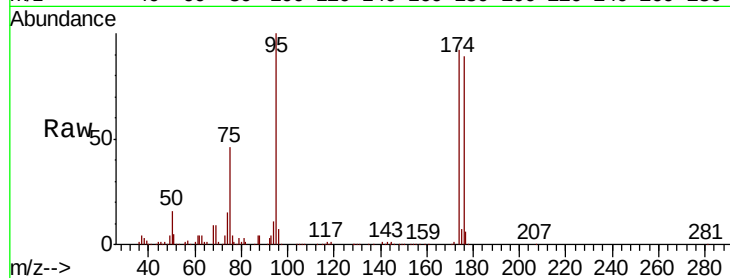
Tot Ion: 95 Resp: 353977

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.0

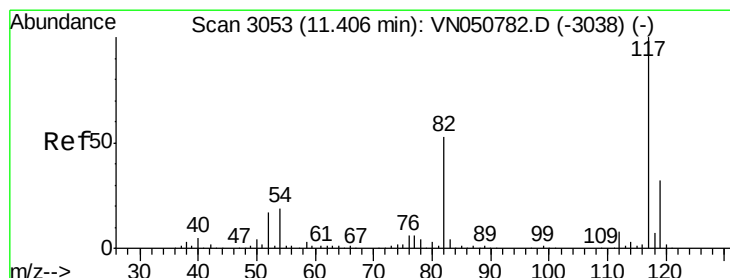
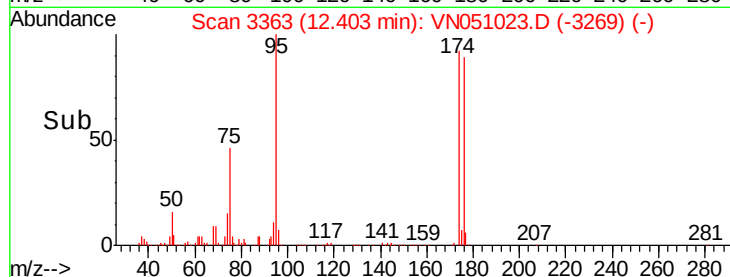
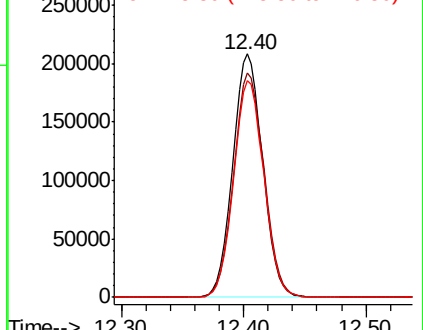
176 89.9 0.0 178.8



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: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

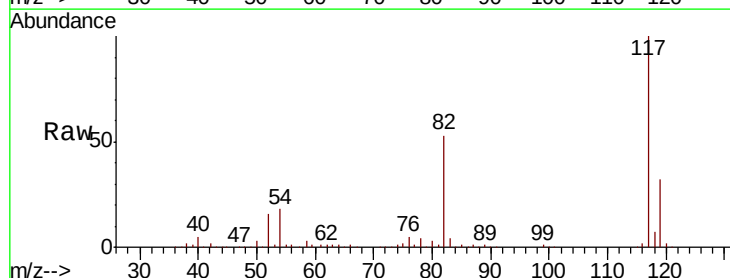
Tgt Ion: 117 Resp: 818296

Ion Ratio Lower Upper

117 100

82 52.6 42.6 64.0

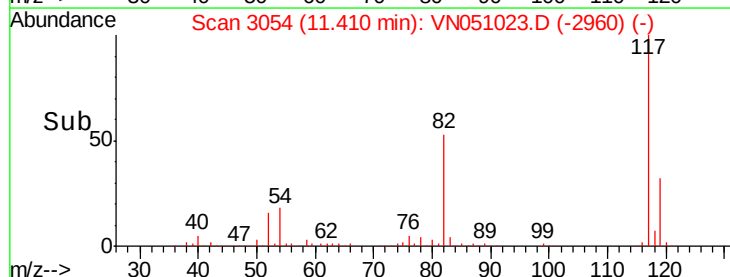
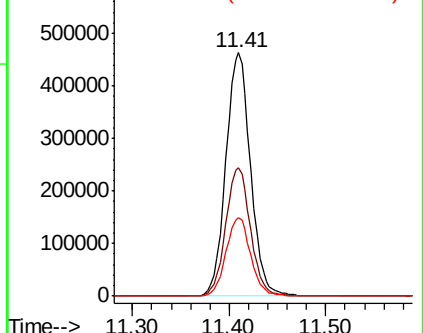
119 32.3 25.8 38.6

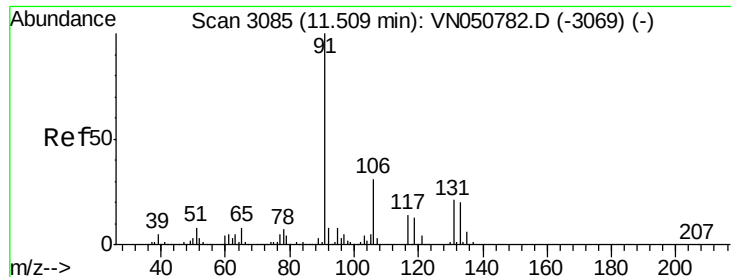


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#67

Ethyl Benzene

Concen: 0.52 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

Instrument :

MSVOA_N

ClientSampled :

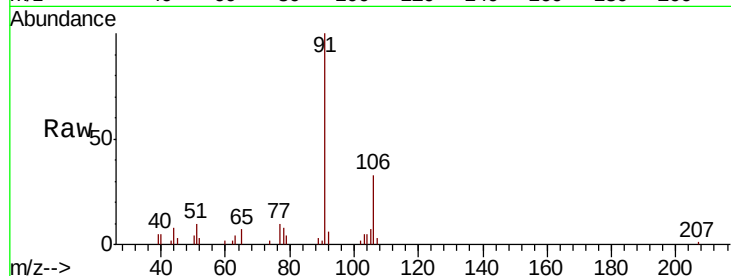
SP

Tot Ion: 91 Resp: 18051

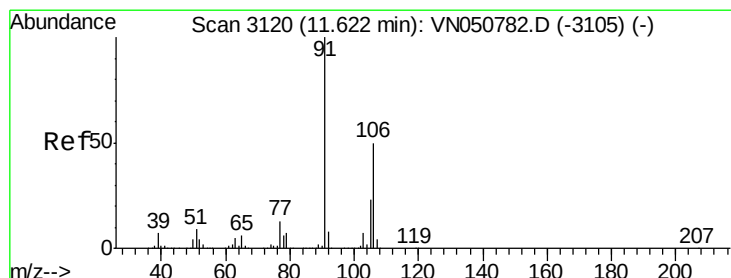
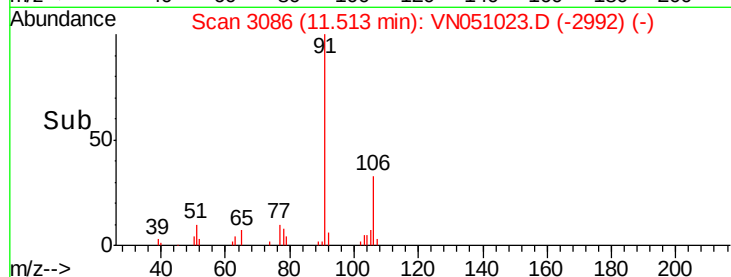
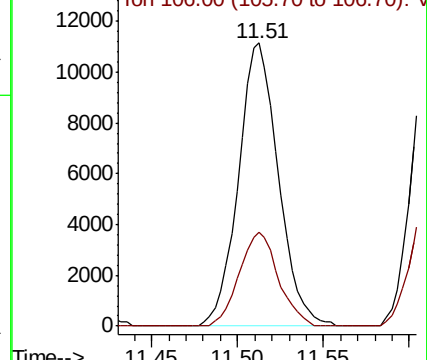
Ion Ratio Lower Upper

91 100

106 33.4 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN050782.D (-3069) (-)



#68

m/p-Xylenes

Concen: 1.24 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN051023.D

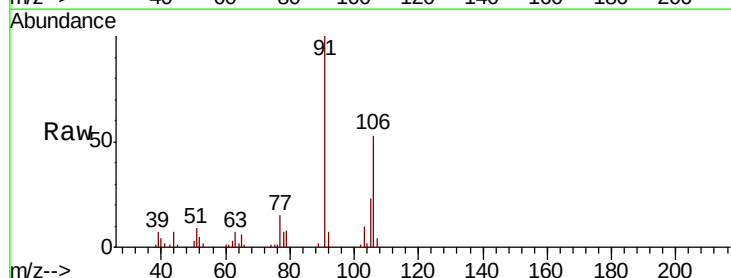
Acq: 4 Sep 2018 16:45

Tgt Ion: 106 Resp: 16417

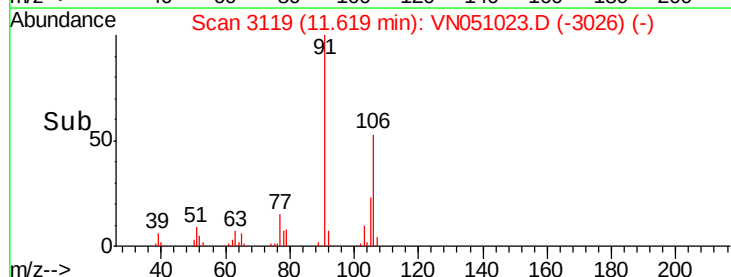
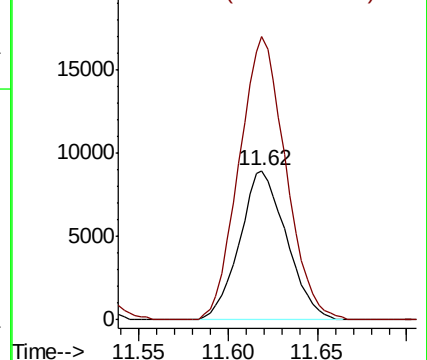
Ion Ratio Lower Upper

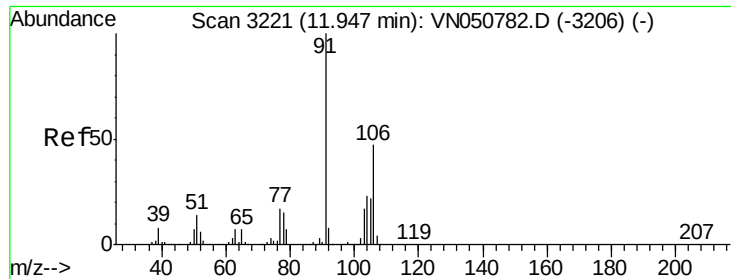
106 100

91 189.3 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): VN050782.D (-3105) (-)

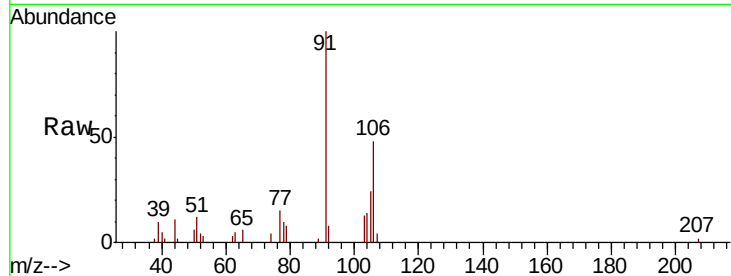




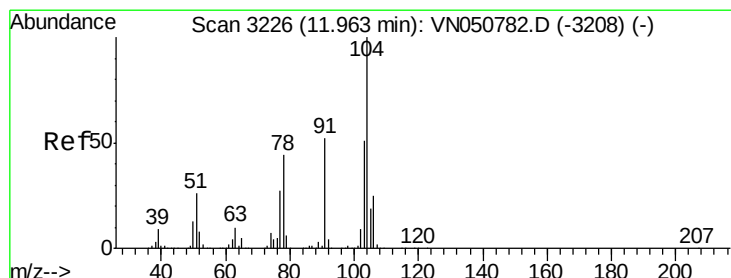
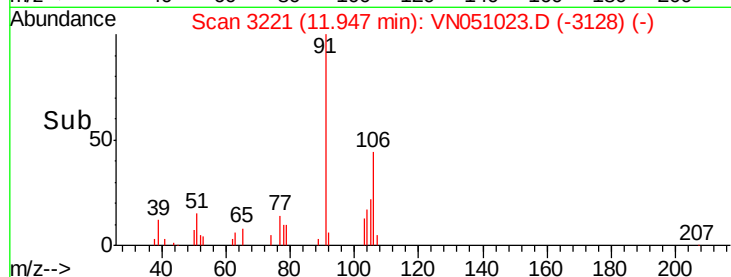
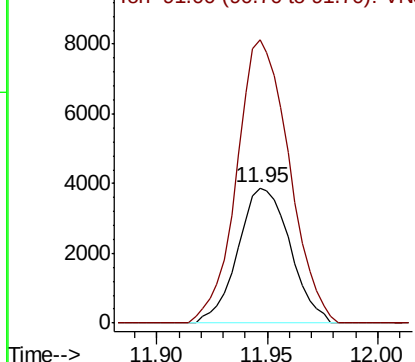
#69
o-Xylene
Concen: 0.50 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

Instrument :
MSVOA_N
ClientSampled :
SP

Tot Ion:106 Resp: 6361
Ion Ratio Lower Upper
106 100
91 211.1 106.5 319.5

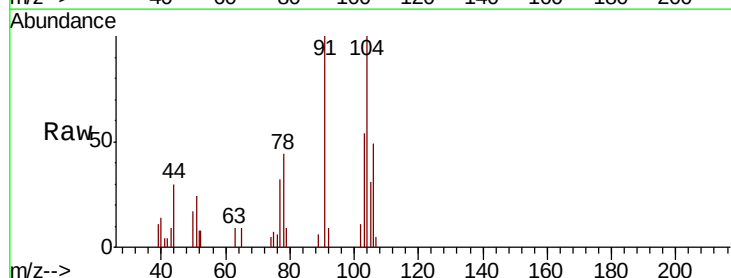


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

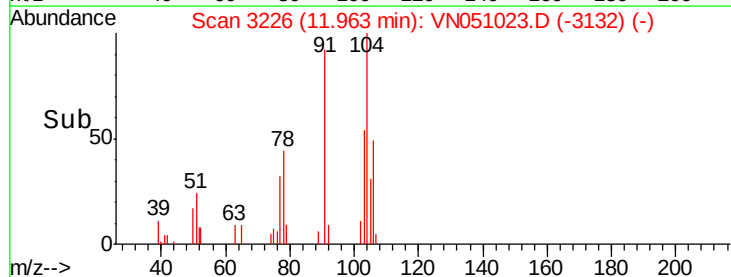
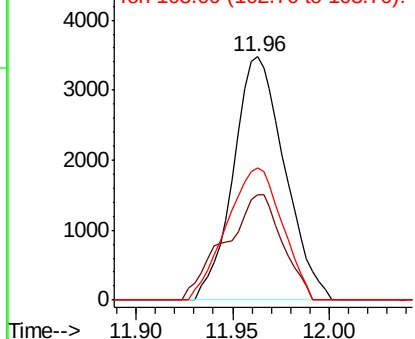


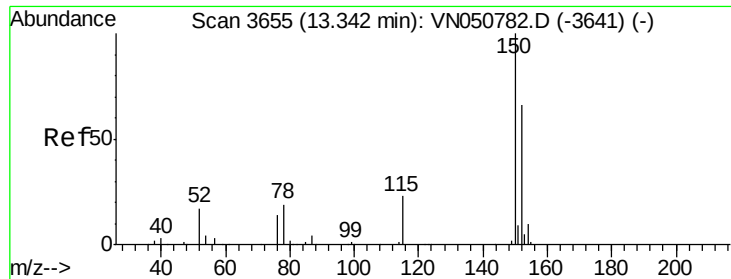
#70
Styrene
Concen: 1.55 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN051023.D
Acq: 4 Sep 2018 16:45

Tgt Ion:104 Resp: 6409
Ion Ratio Lower Upper
104 100
78 48.7 38.2 57.4
103 58.9 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

Instrument :

MSVOA_N

ClientSampleId :

SP

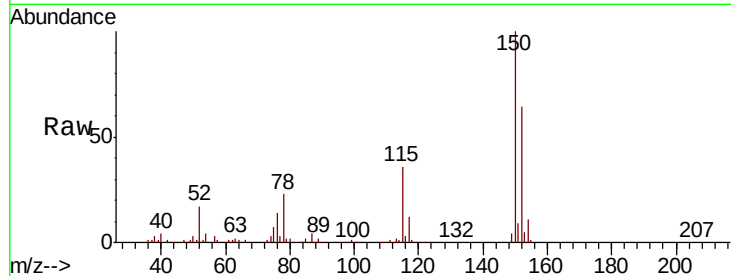
Tot Ion:152 Resp: 297343

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.4

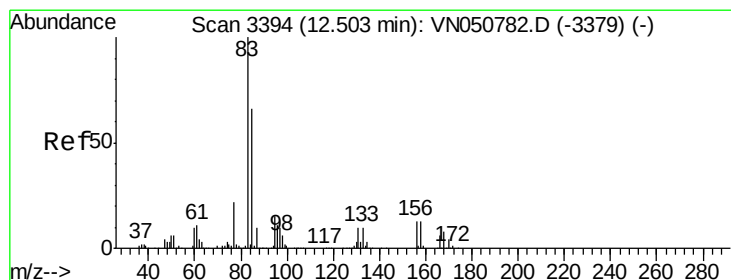
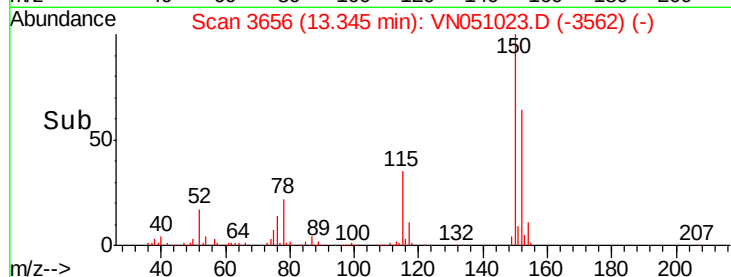
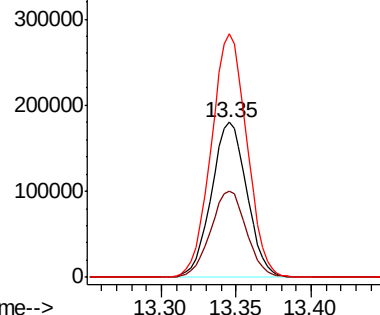
150 157.5 0.0 351.4



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3365

Delta R.T. -0.09 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

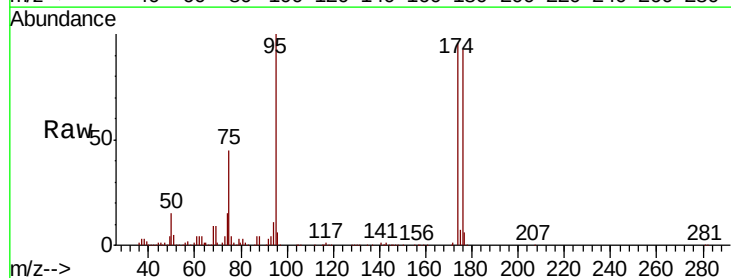
Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 1220.0 5.3 15.9#

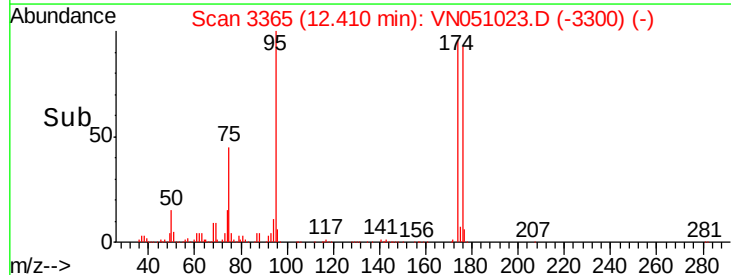
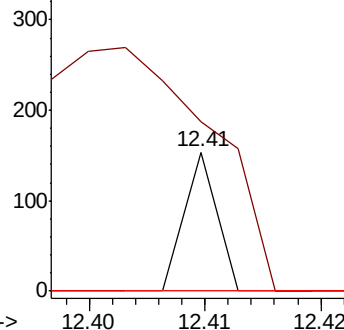
85 0.0 31.9 95.7#

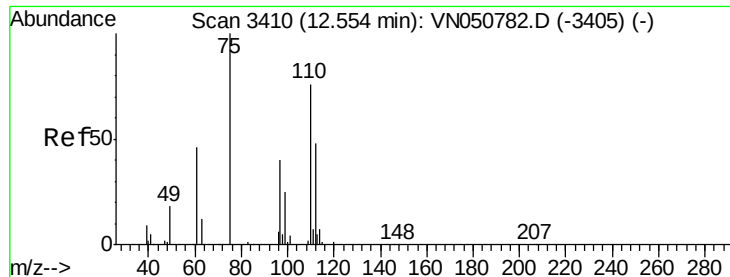


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 31.41 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

Instrument :

MSVOA_N

ClientSampleId :

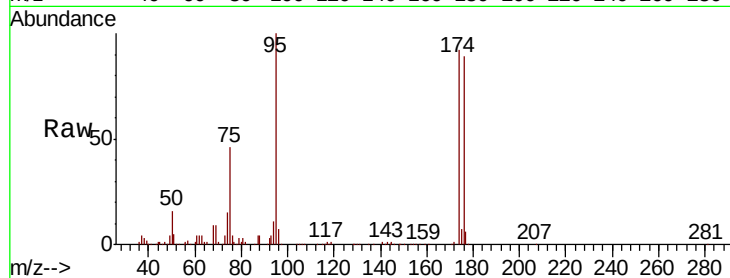
SP

Tot Ion: 75 Resp: 163570

Ion Ratio Lower Upper

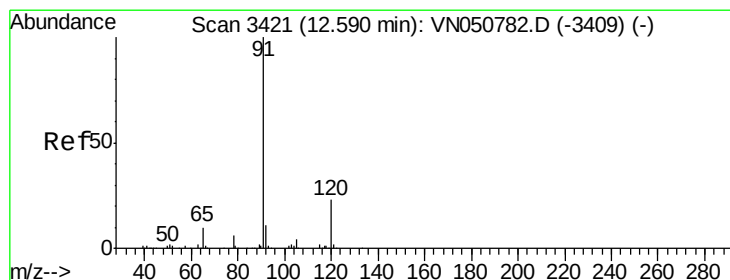
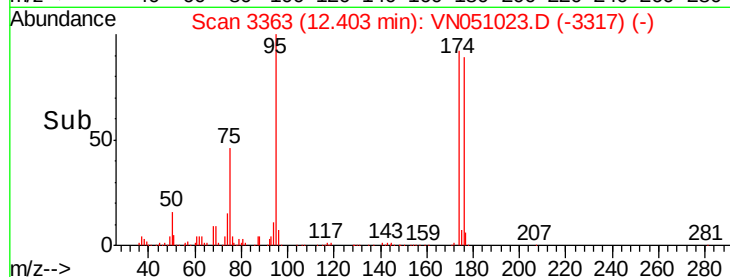
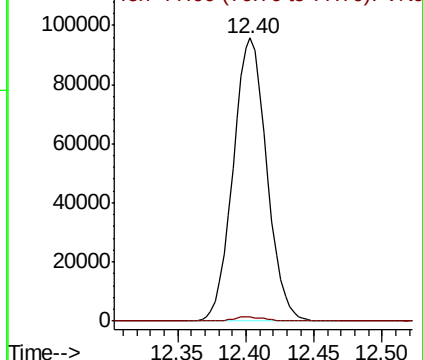
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.23 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN051023.D

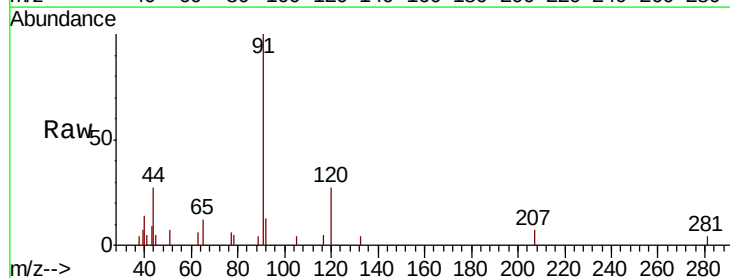
Acq: 4 Sep 2018 16:45

Tgt Ion: 91 Resp: 6202

Ion Ratio Lower Upper

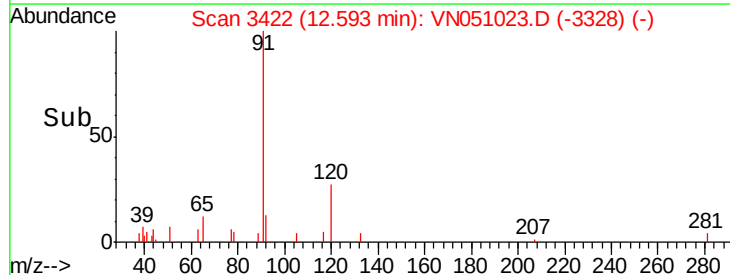
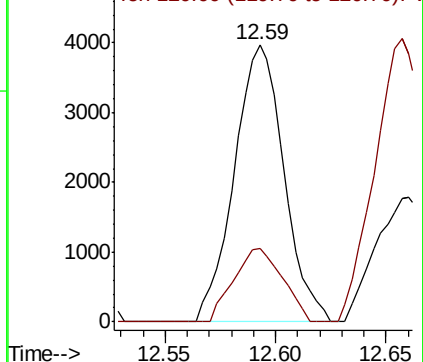
91 100

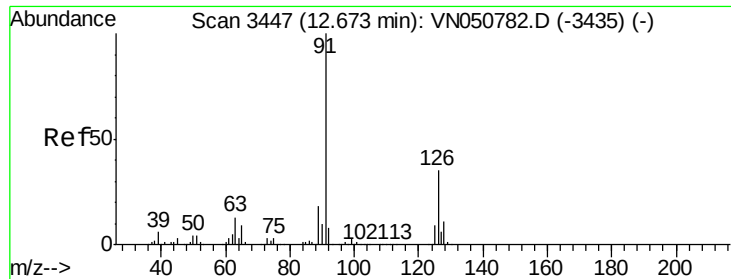
120 26.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.22 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. -0.01 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

Instrument :

MSVOA_N

ClientSampled :

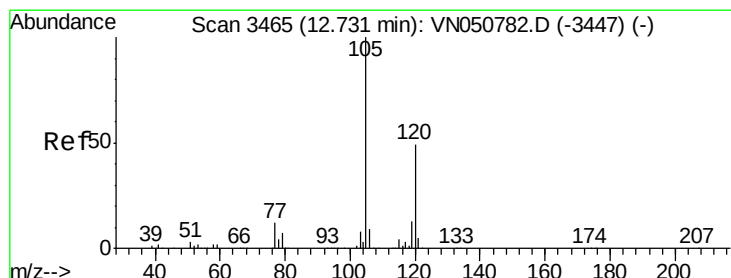
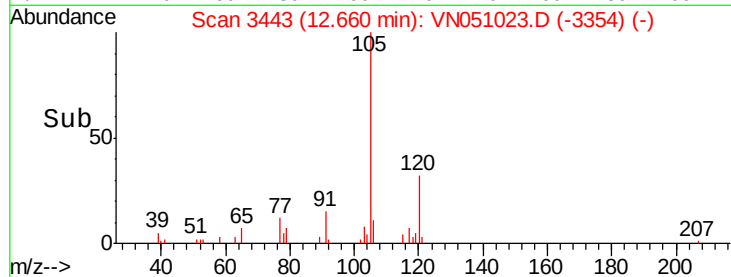
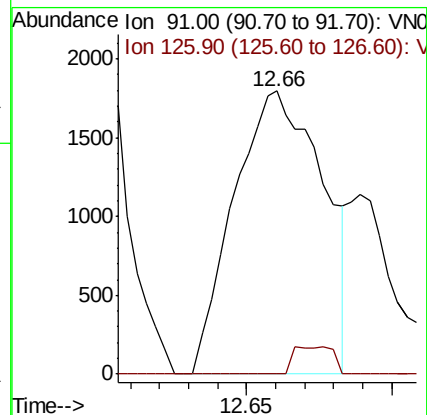
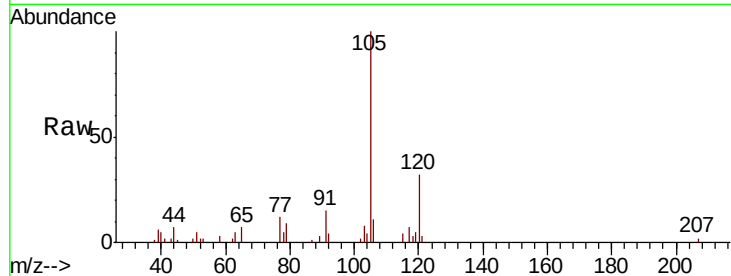
SP

Tot Ion: 91 Resp: 3838

Ion Ratio Lower Upper

91 100

126 4.2 17.8 53.3#



#80

1,3,5-Trimethylbenzene

Concen: 0.65 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. 0.00 min

Lab File: VN051023.D

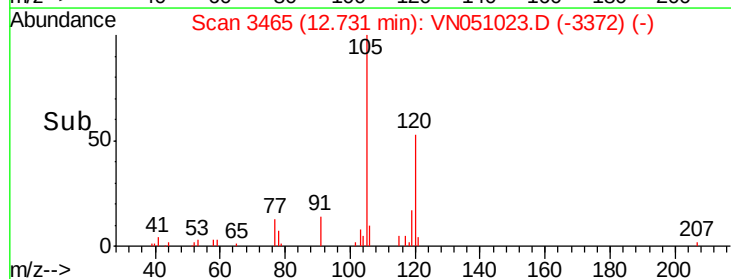
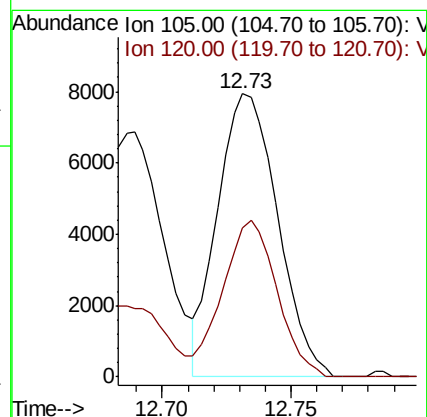
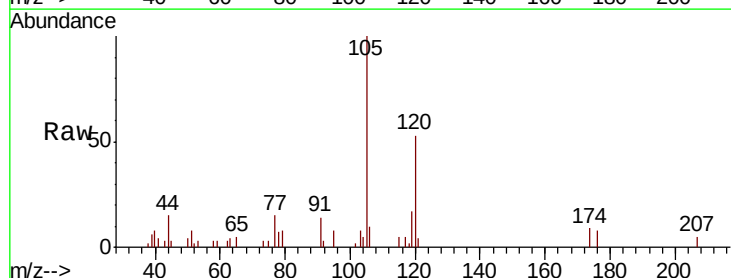
Acq: 4 Sep 2018 16:45

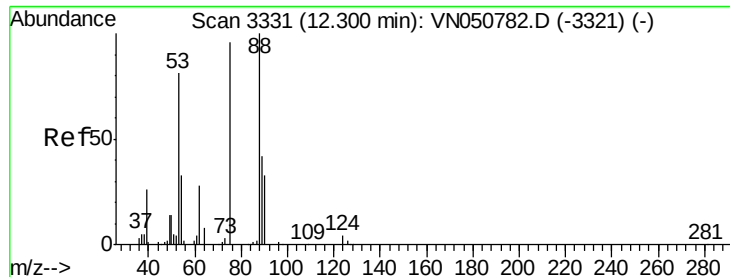
Tgt Ion: 105 Resp: 12885

Ion Ratio Lower Upper

105 100

120 50.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 106.18 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

Instrument :

MSVOA_N

ClientSampleId :

SP

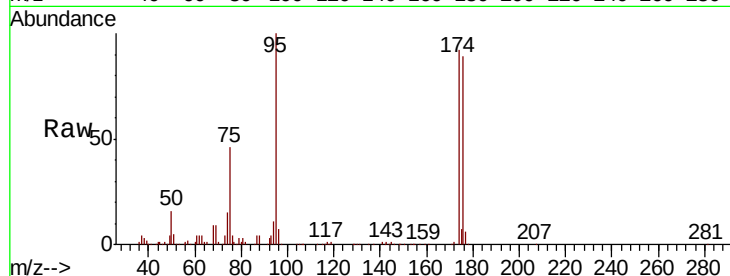
Tot Ion: 75 Resp: 163570

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

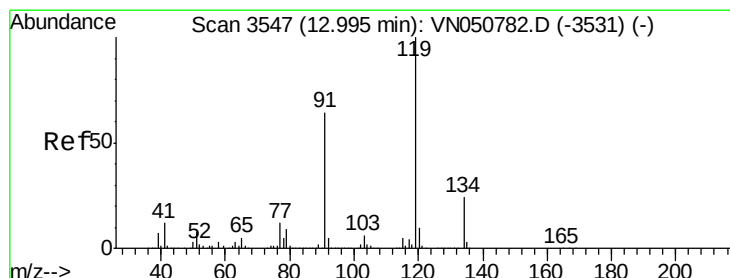
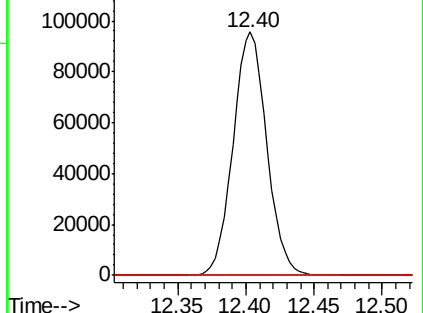
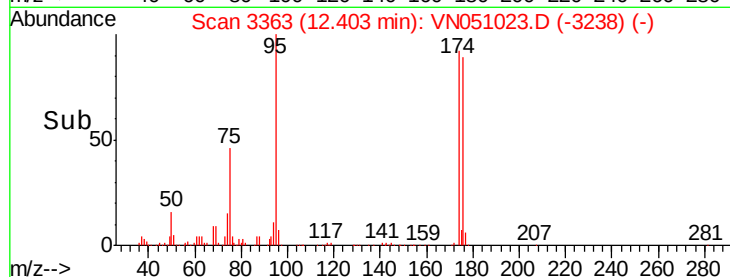
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN051023.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN051023.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN051023.D (-3363) (-)



#83

tert-Butylbenzene

Concen: 0.38 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.05 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

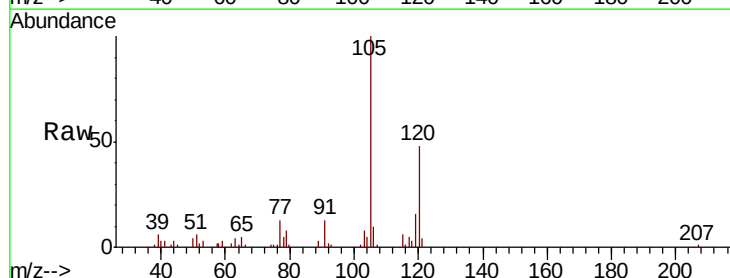
Tgt Ion: 119 Resp: 6587

Ion Ratio Lower Upper

119 100

91 78.0 31.6 94.7

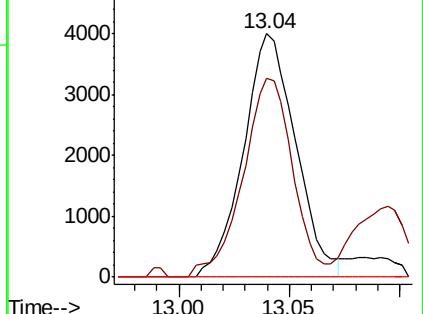
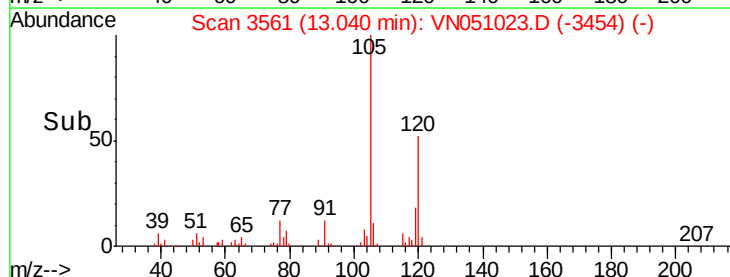
134 0.0 13.4 40.1#

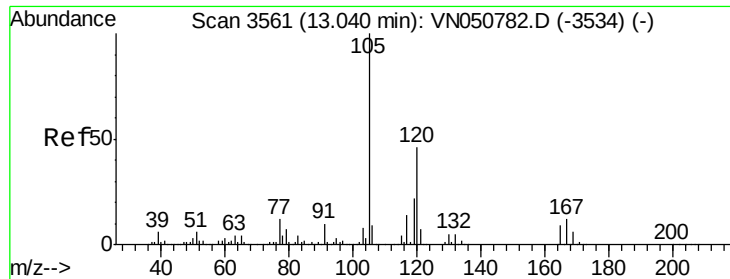


Abundance Ion 119.00 (118.70 to 119.70): VN051023.D (-3561) (-)

Ion 91.00 (90.70 to 91.70): VN051023.D (-3561) (-)

Ion 134.00 (133.70 to 134.70): VN051023.D (-3561) (-)

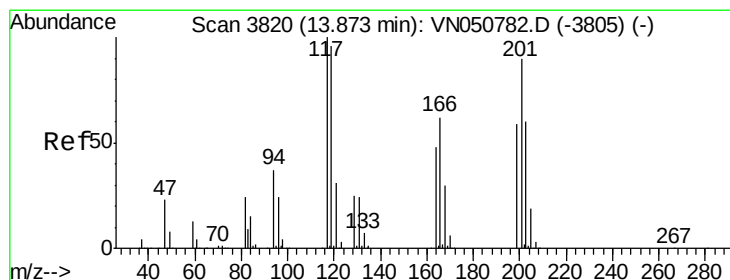
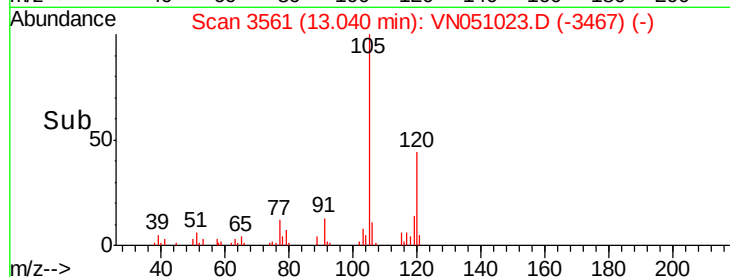
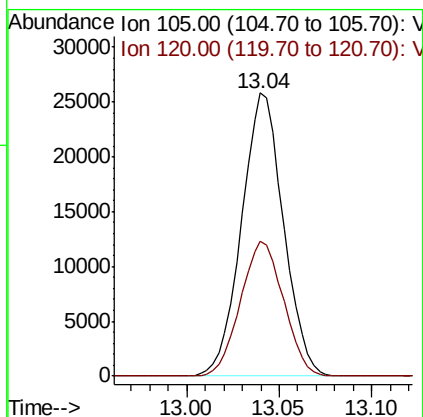
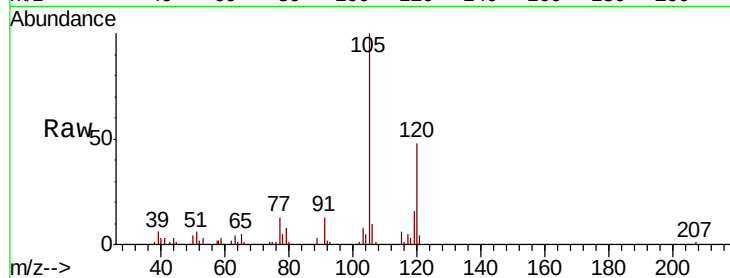




#84
 1,2,4-Trimethylbenzene
 Concen: 2.03 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN051023.D
 Acq: 4 Sep 2018 16:45

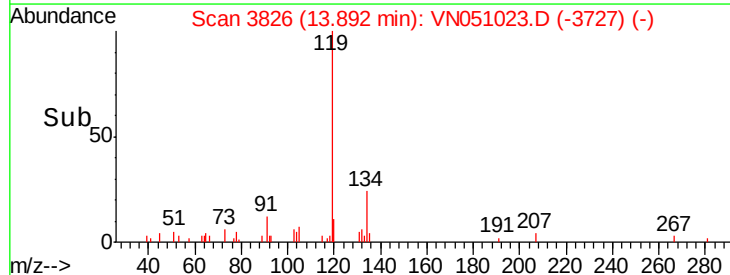
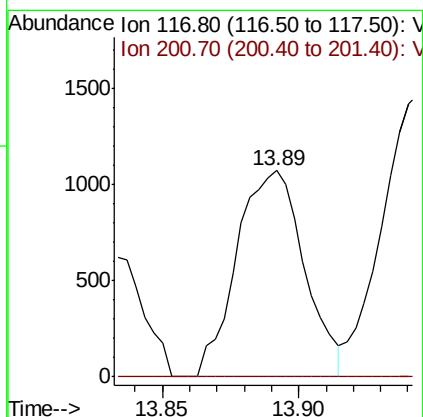
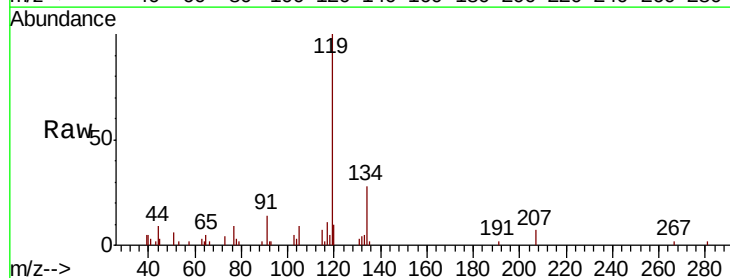
Instrument :
 MSVOA_N
 ClientSampled :
 SP

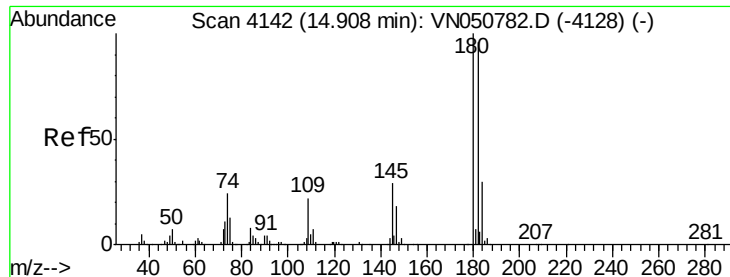
Tot Ion:105 Resp: 40575
 Ion Ratio Lower Upper
 105 100
 120 49.0 22.9 68.8



#90
 Hexachloroethane
 Concen: 0.69 ug/l
 RT: 13.89 min Scan# 3826
 Delta R.T. 0.02 min
 Lab File: VN051023.D
 Acq: 4 Sep 2018 16:45

Tgt Ion:117 Resp: 1841
 Ion Ratio Lower Upper
 117 100
 201 0.0 46.0 137.8#

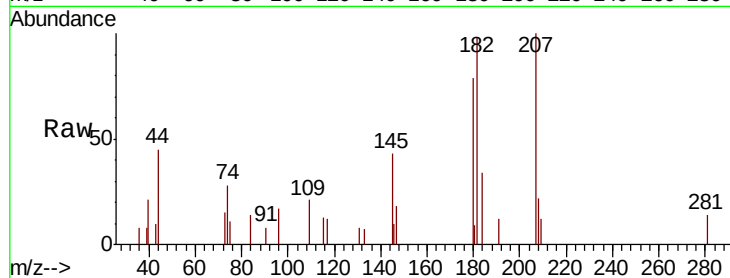




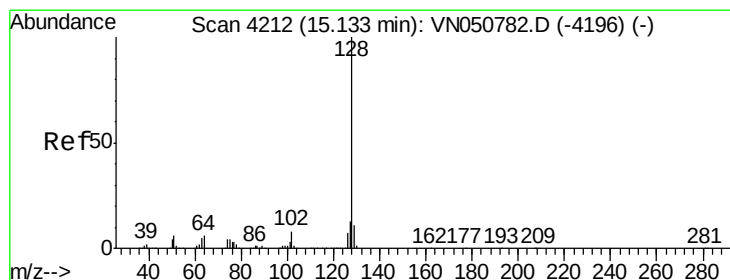
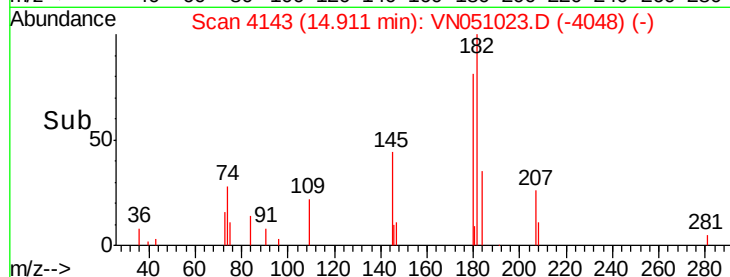
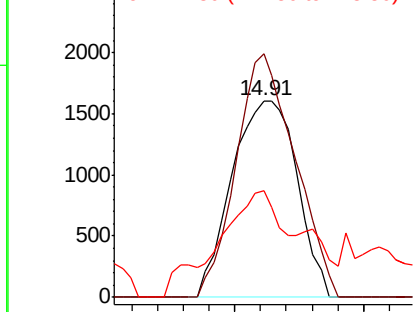
#93
 1,2,4-Trichlorobenzene
 Concen: 4.54 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN051023.D
 Acq: 4 Sep 2018 16:45

Instrument :
 MSVOA_N
 ClientSampled :
 SP

Tot Ion:180 Resp: 2824
 Ion Ratio Lower Upper
 180 100
 182 112.4 48.2 144.6
 145 55.6 14.1 42.2#

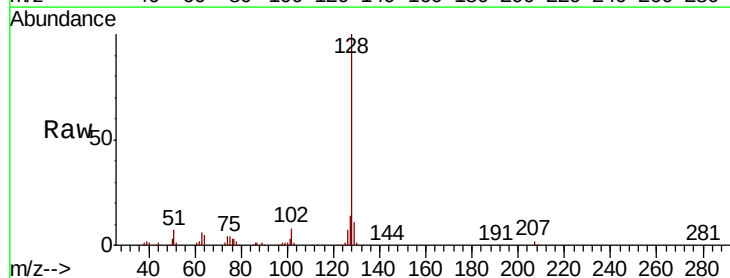


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

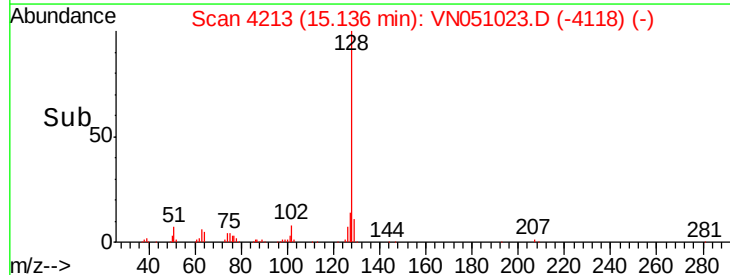
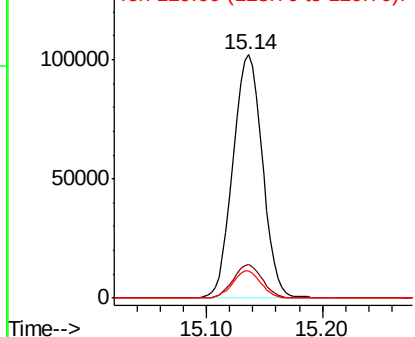


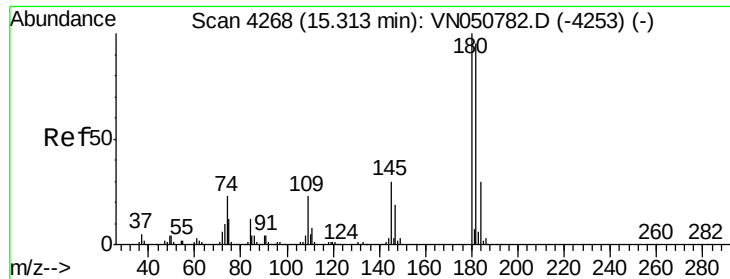
#95
 Naphthalene
 Concen: 18.89 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN051023.D
 Acq: 4 Sep 2018 16:45

Tgt Ion:128 Resp: 179719
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.5 15.7
 129 10.8 8.7 13.1



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: 3.43 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. 0.00 min

Lab File: VN051023.D

Acq: 4 Sep 2018 16:45

Instrument :

MSVOA_N

ClientSampleId :

SP

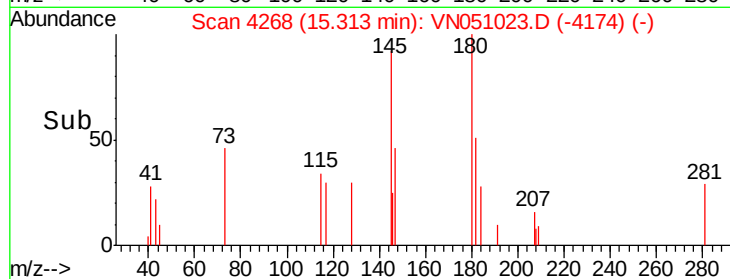
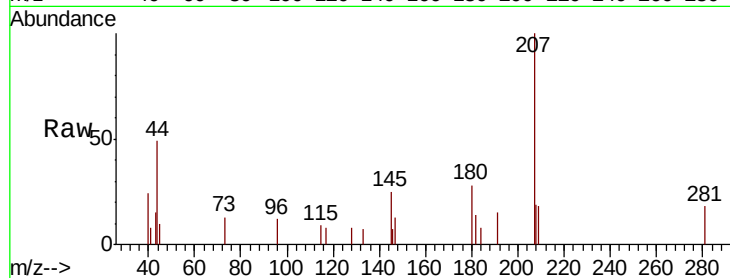
Tot Ion:180 Resp: 777

Ion Ratio Lower Upper

180 100

182 97.3 48.0 144.2

145 158.4 15.2 45.6#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

