

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051324.D
 Acq On : 19 Sep 2018 17:17
 Operator : MD\SY
 Sample : PB112984TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 01:45:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	552774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	861008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	703190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222040	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	309181	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
35) Dibromofluoromethane	7.59	113	323310	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	10.09	98	1135135	45.90	ug/l	0.00
Spiked Amount			Recovery	=	91.80%	
62) 4-Bromofluorobenzene	12.40	95	294055	37.38	ug/l	0.00
Spiked Amount			Recovery	=	74.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1762	Below Cal		93
5) Bromomethane	2.58	94	2379	1.08 ug/l		98
10) Methyl Iodide	3.95	142	375	6.16 ug/l #		43
16) Acetone	3.82	43	20950	6.01 ug/l		100
18) Methyl Acetate	4.34	43	6397	0.83 ug/l #		84
20) Methylene Chloride	4.56	84	31460	4.78 ug/l		97
25) 2-Butanone	6.85	43	4242	2.20 ug/l		93
29) Tetrahydrofuran	7.22	42	414	0.35 ug/l		88
31) Cyclohexane	7.66	56	8444	0.80 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	34053	3.65 ug/l #		48
37) Ethyl Acetate	6.85	43	4242	0.89 ug/l #		74
38) Carbon Tetrachloride	7.67	117	47570	4.89 ug/l #		16
43) Isopropyl Acetate	8.17	43	219819	26.51 ug/l		97
48) Methyl methacrylate	9.18	41	5435	1.36 ug/l #		15
51) 4-Methyl-2-Pentanone	9.99	43	2773	0.65 ug/l		96
56) Ethyl methacrylate	10.43	69	204	2.09 ug/l #		81
59) 2-Hexanone	10.77	43	13290	4.72 ug/l #		60
70) Styrene	11.97	104	1124	1.30 ug/l		94
74) N-amyl acetate	12.07	43	892	0.23 ug/l #		58
75) 1,1,2,2-Tetrachloroethane	12.50	83	151	Below Cal #		26
76) 1,2,3-Trichloropropane	12.40	75	133590	43.66 ug/l #		100
77) Bromobenzene	12.53	156	775	Below Cal		93
80) 1,3,5-Trimethylbenzene	12.73	105	4141	0.28 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.40	75	133590	133.63 ug/l #		15
87) 1,3-Dichlorobenzene	13.28	146	2059	0.25 ug/l		85
88) 1,4-Dichlorobenzene	13.28	146	2059	0.67 ug/l		86
89) n-Butylbenzene	13.61	91	1921	2.18 ug/l		86
91) 1,2-Dichlorobenzene	13.65	146	1906	Below Cal		98
93) 1,2,4-Trichlorobenzene	14.91	180	2762	5.70 ug/l		98
94) Hexachlorobutadiene	15.01	225	1580	Below Cal		93
95) Naphthalene	15.13	128	6074	6.70 ug/l		96
96) 1,2,3-Trichlorobenzene	15.31	180	3007	4.65 ug/l		99

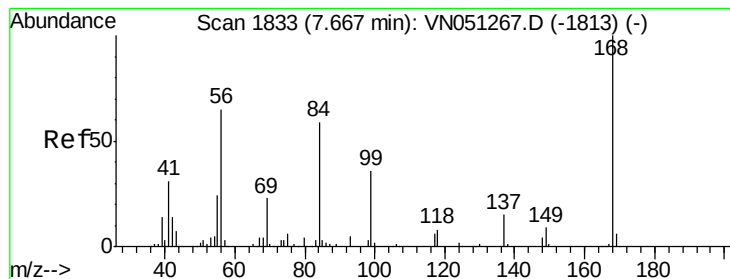
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
Data File : VN051324.D
Acq On : 19 Sep 2018 17:17
Operator : MD\SY
Sample : PB112984TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Time: Sep 20 01:45:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051324.D

Acq: 19 Sep 2018 17:17

Instrument :

MSVOA_N

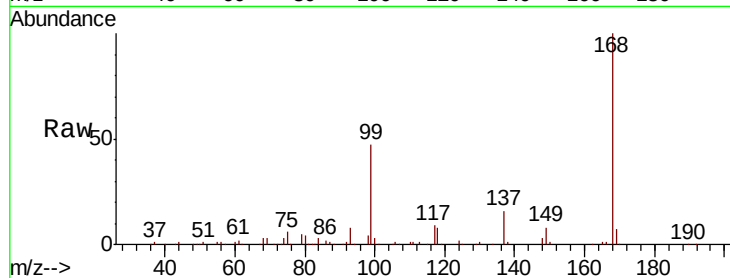
ClientSampleId :

Tot Ion:168 Resp: 552774

Ion Ratio Lower Upper

168 100

99 47.4 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

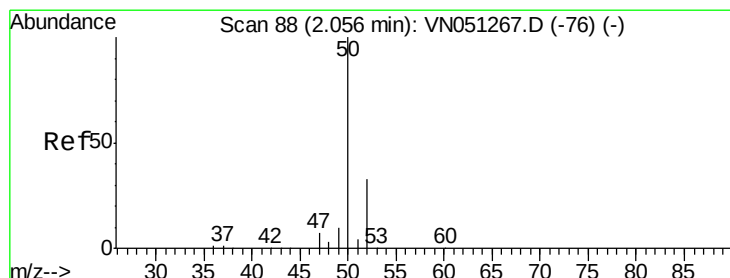
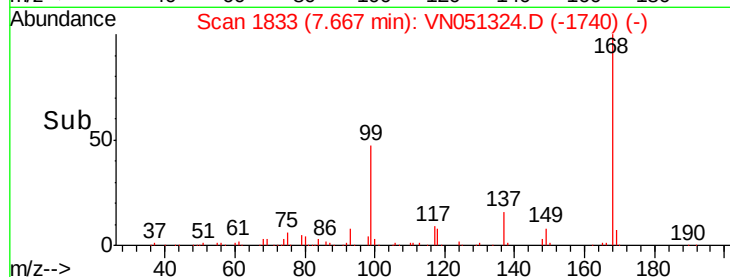
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051324.D

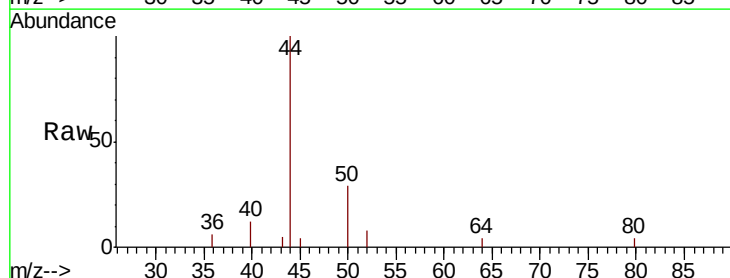
Acq: 19 Sep 2018 17:17

Tgt Ion: 50 Resp: 1762

Ion Ratio Lower Upper

50 100

52 29.1 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

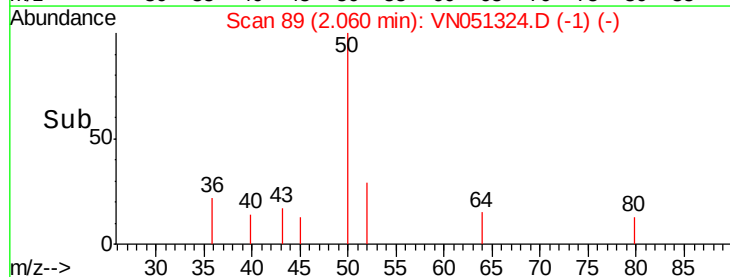
2.06

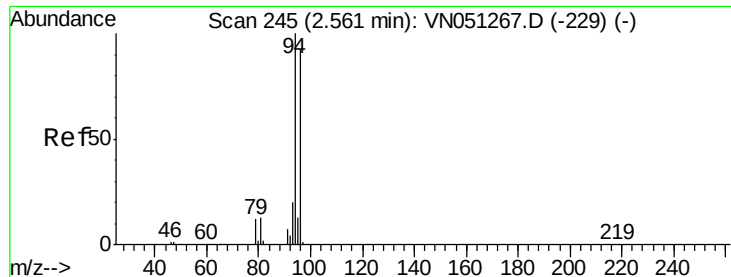
1000

500

0

Time-->





#5

Bromomethane

Concen: 1.08 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.02 min

Lab File: VN051324.D

Acq: 19 Sep 2018 17:17

Instrument :

MSVOA_N

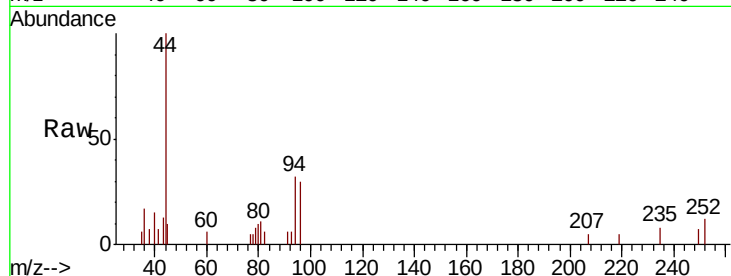
ClientSampleId :

Tot Ion: 94 Resp: 2379

Ion Ratio Lower Upper

94 100

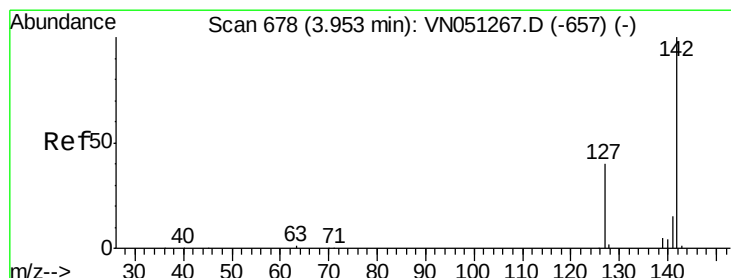
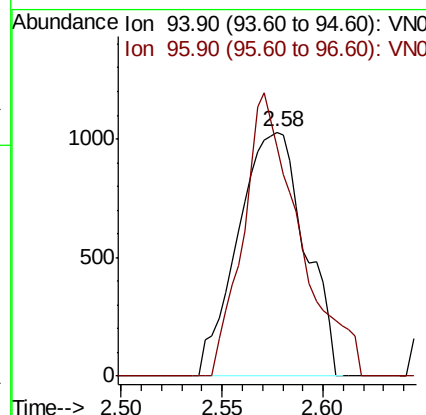
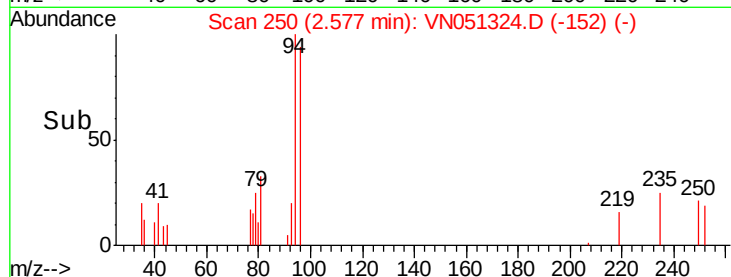
96 94.0 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN051324.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN051324.D (-152) (-)

2.58



#10

Methyl Iodide

Concen: 6.16 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.01 min

Lab File: VN051324.D

Acq: 19 Sep 2018 17:17

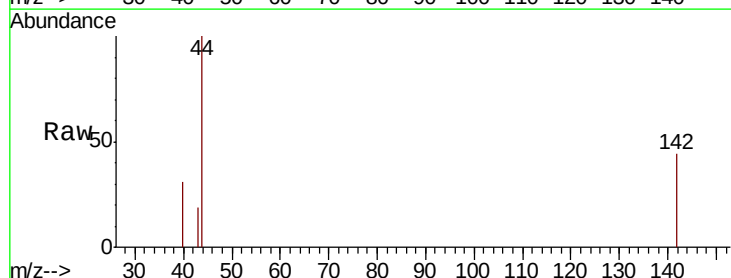
Tgt Ion: 142 Resp: 375

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

141 0.0 11.6 17.4#

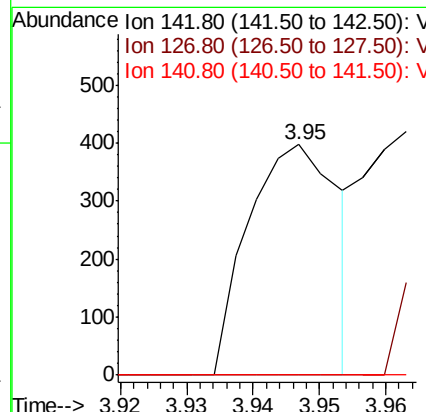
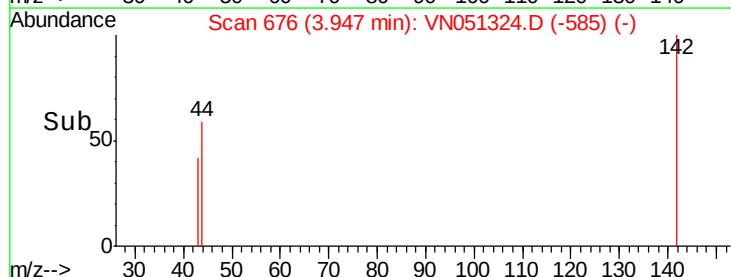


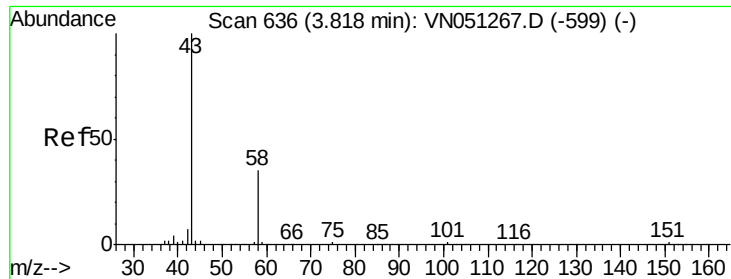
Abundance Ion 141.80 (141.50 to 142.50): VN051324.D (-585) (-)

Ion 126.80 (126.50 to 127.50): VN051324.D (-585) (-)

Ion 140.80 (140.50 to 141.50): VN051324.D (-585) (-)

3.95

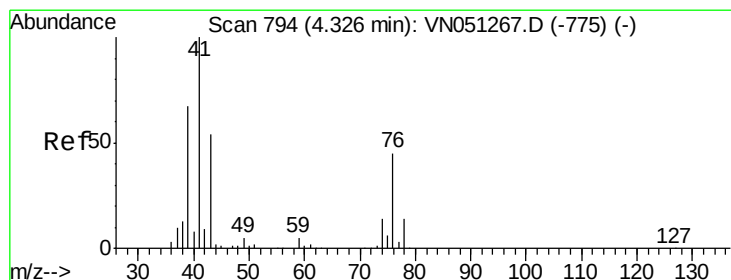
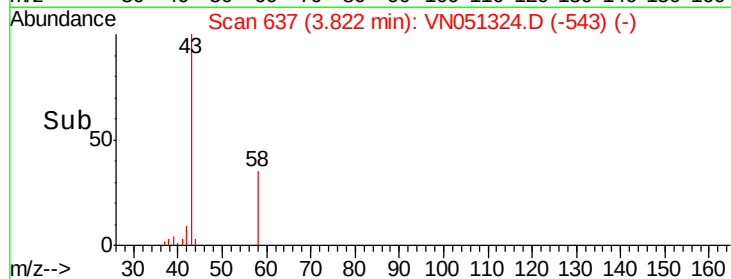
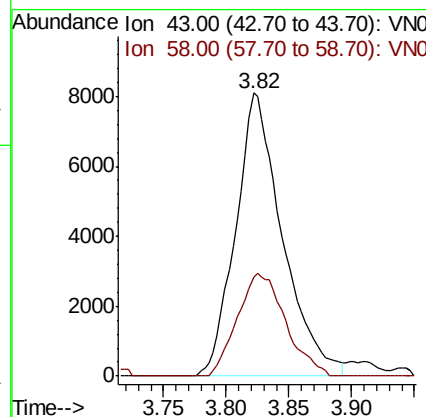
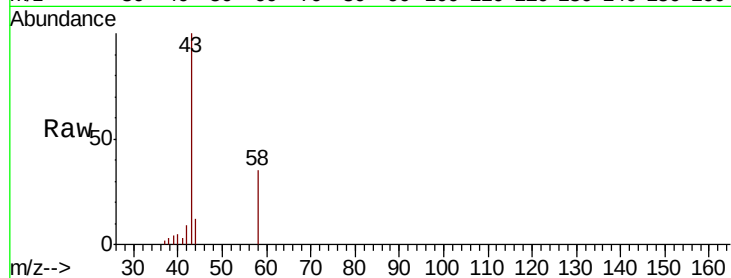




#16
Acetone
Concen: 6.01 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

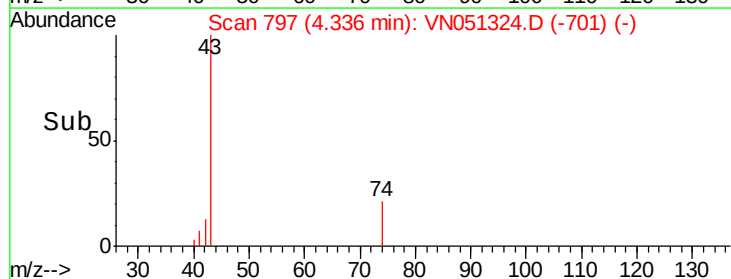
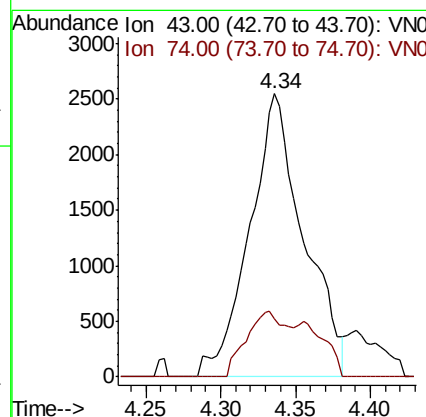
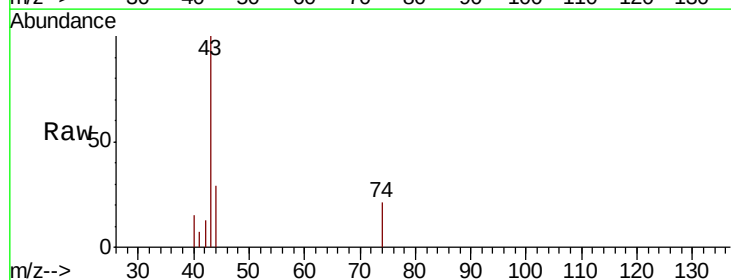
Instrument :
MSVOA_N
ClientSampleId :

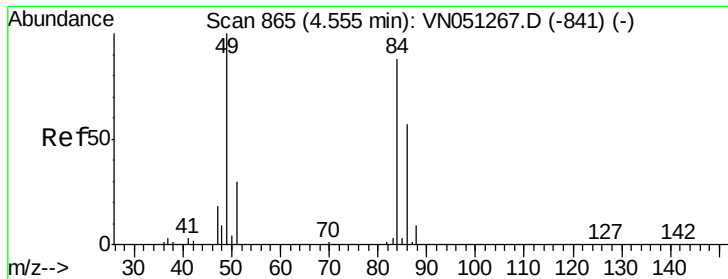
Tot Ion: 43 Resp: 20950
Ion Ratio Lower Upper
43 100
58 35.0 28.2 42.2



#18
Methyl Acetate
Concen: 0.83 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

Tgt Ion: 43 Resp: 6397
Ion Ratio Lower Upper
43 100
74 17.9 20.8 31.2#

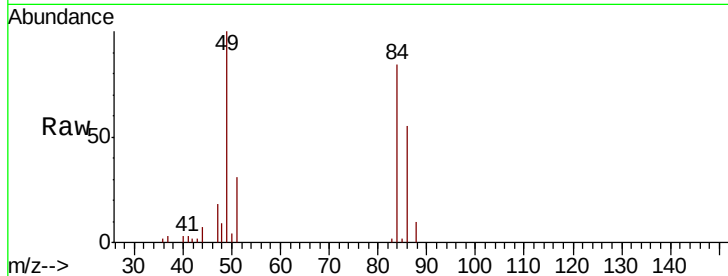




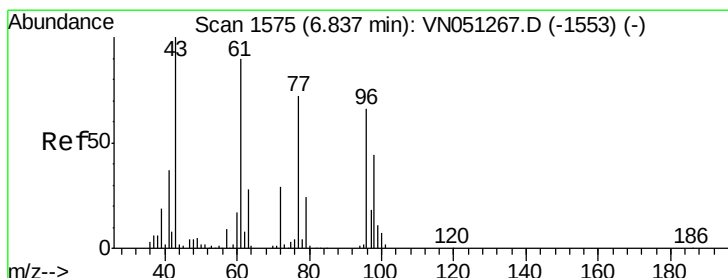
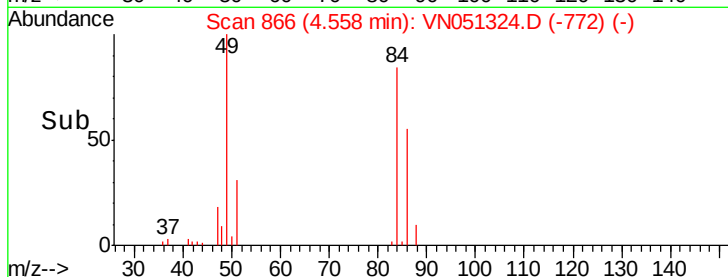
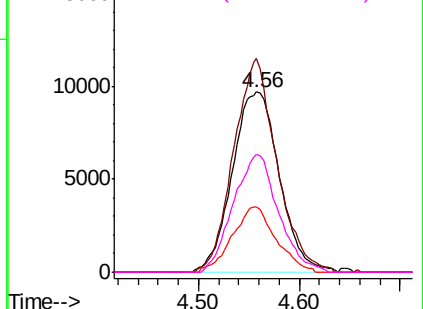
#20
Methvlene Chloride
Concen: 4.78 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 31460
Ion Ratio Lower Upper
84 100
49 118.7 91.2 136.8
51 36.4 27.7 41.5
86 65.5 52.0 78.0

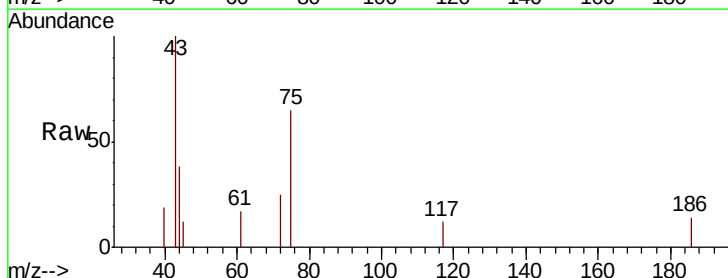


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

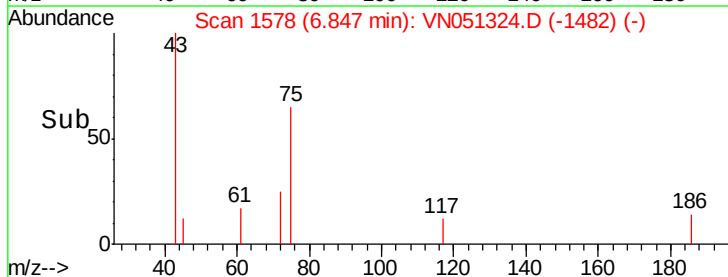
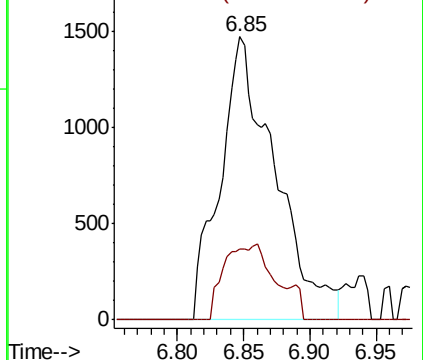


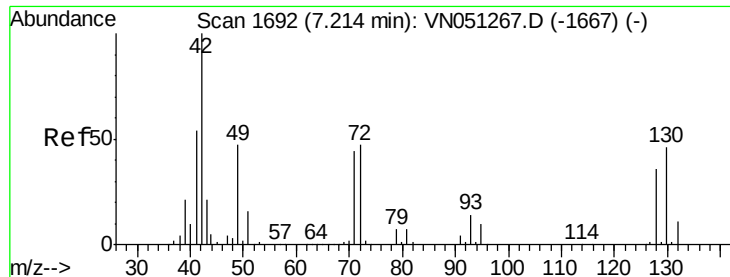
#25
2-Butanone
Concen: 2.20 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

Tgt Ion: 43 Resp: 4242
Ion Ratio Lower Upper
43 100
72 25.3 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 0.35 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051324.D

Acq: 19 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampled :

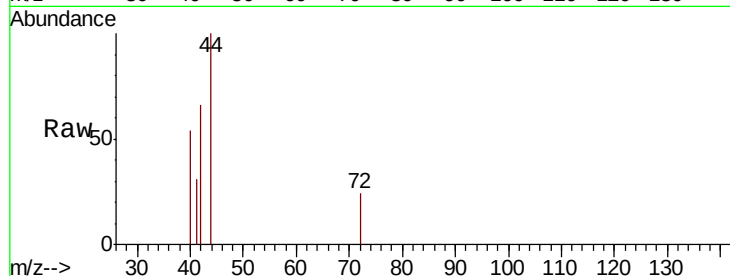
Tot Ion: 42 Resp: 414

Ion Ratio Lower Upper

42 100

72 54.6 37.6 56.4

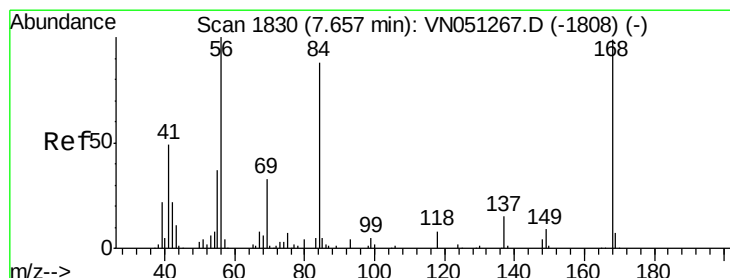
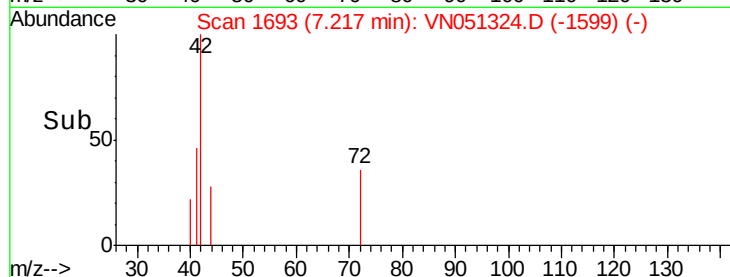
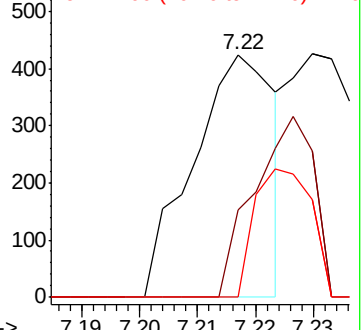
71 36.7 35.4 53.2



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.80 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051324.D

Acq: 19 Sep 2018 17:17

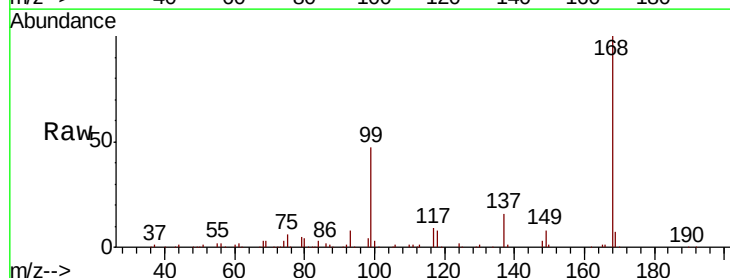
Tgt Ion: 56 Resp: 8444

Ion Ratio Lower Upper

56 100

69 212.7 26.2 39.2#

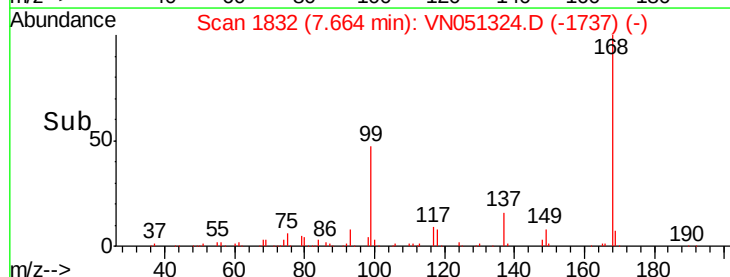
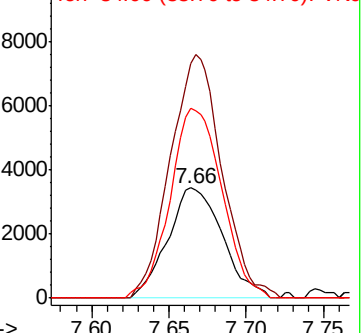
84 172.2 70.6 106.0#

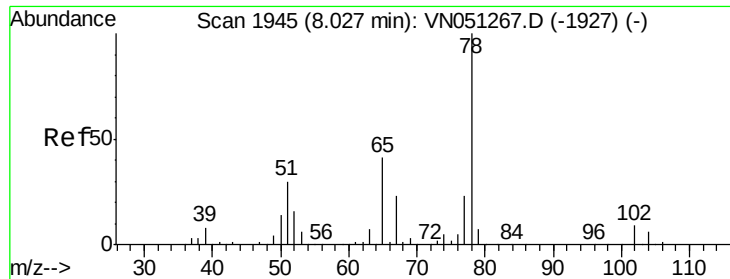


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

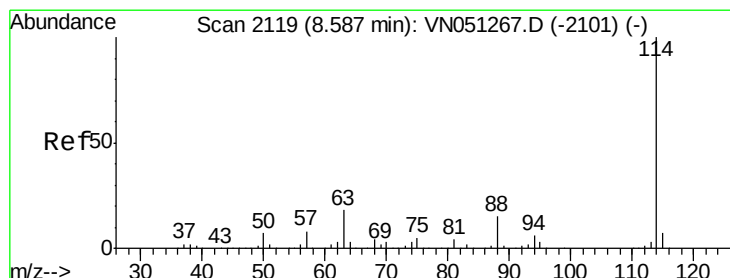
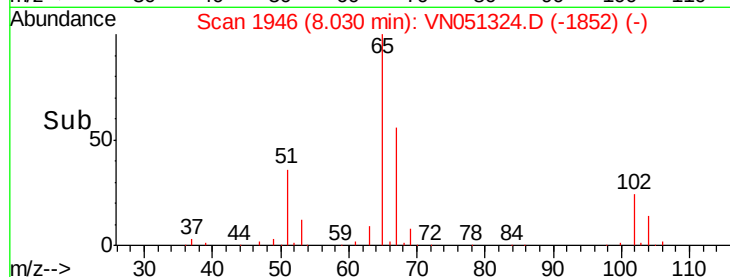
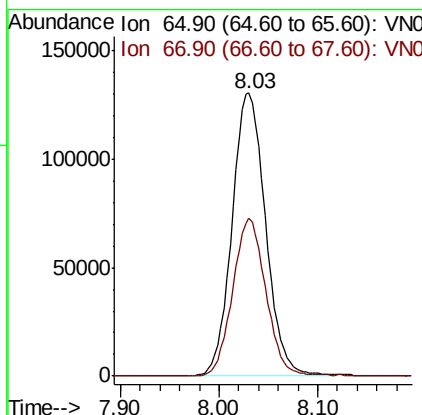
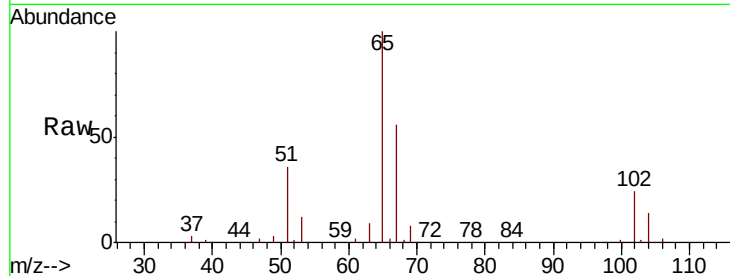




#33
 1,2-Dichloroethane-d4
 Concen: 51.47 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051324.D
 Acq: 19 Sep 2018 17:17

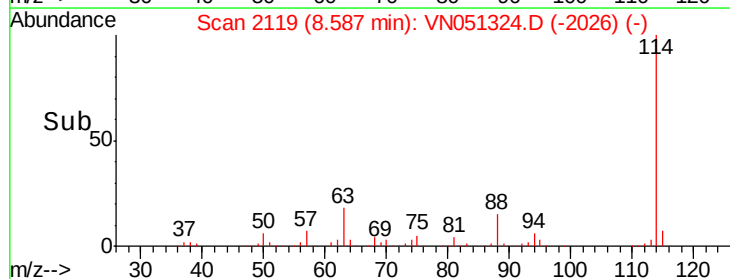
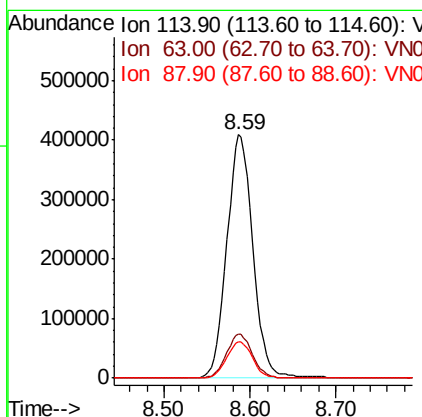
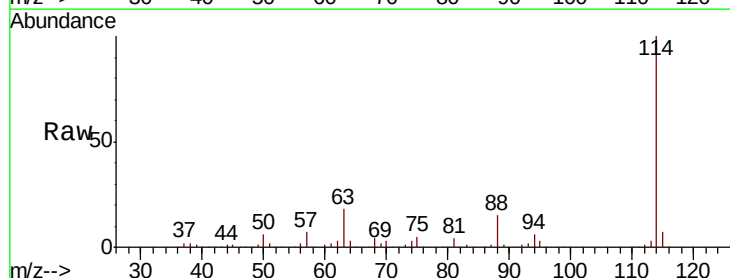
Instrument :
 MSVOA_N
 ClientSampled :

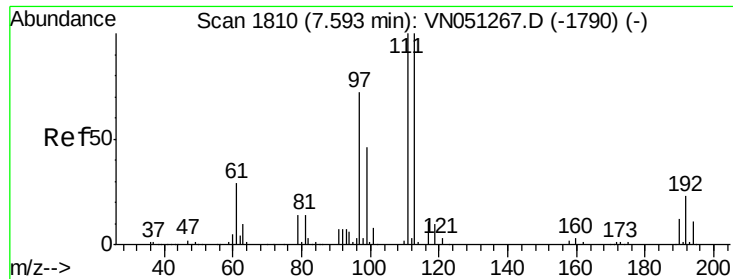
Tot Ion: 65 Resp: 309181
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051324.D
 Acq: 19 Sep 2018 17:17

Tgt Ion: 114 Resp: 861008
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.8
 88 14.9 0.0 30.8

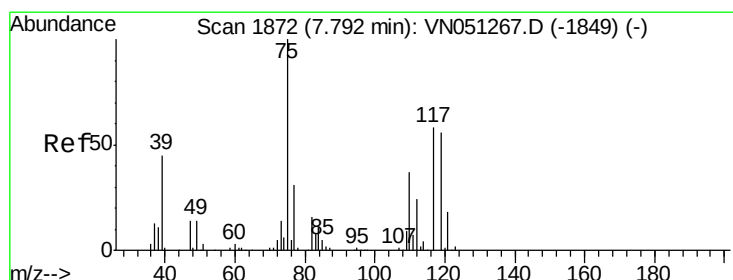
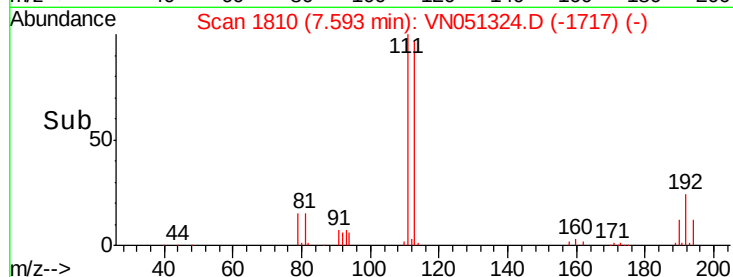
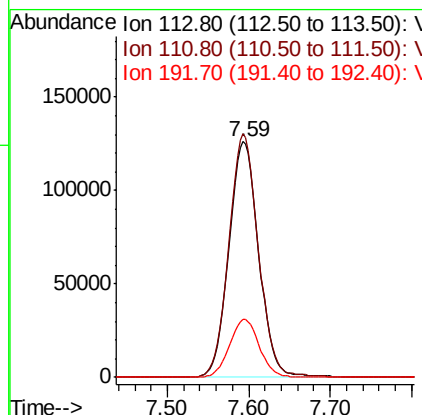
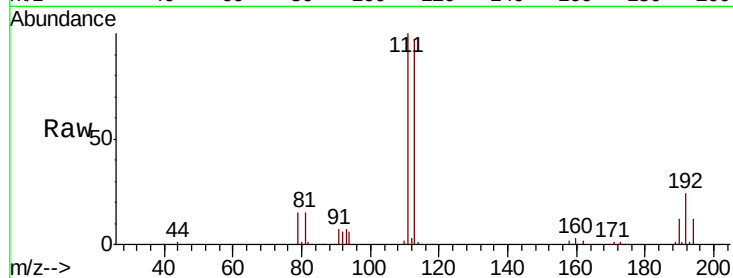




#35
 Dibromofluoromethane
 Concen: 48.32 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051324.D
 Acq: 19 Sep 2018 17:17

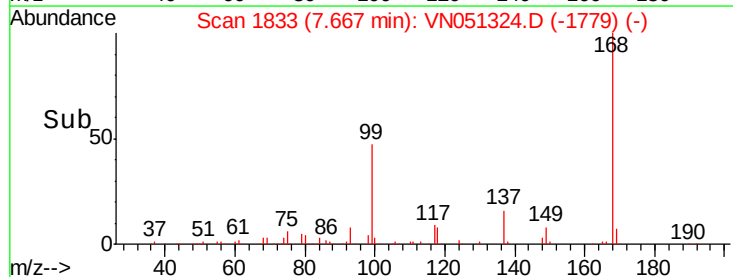
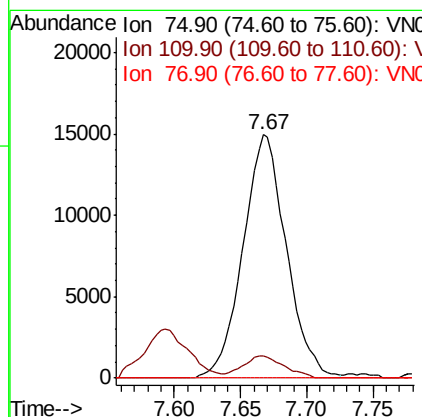
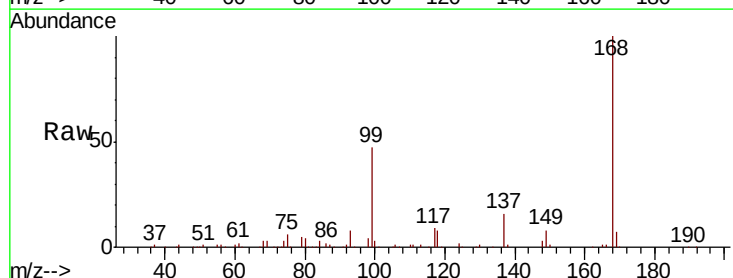
Instrument :
 MSVOA_N
 ClientSampleId :

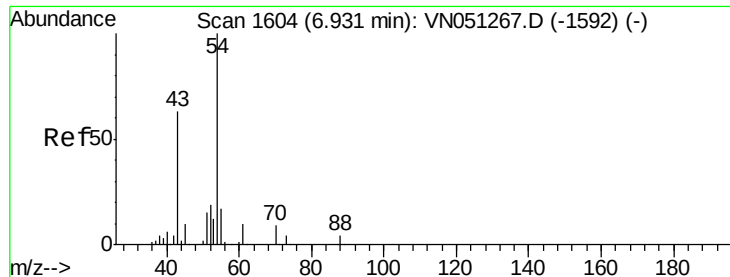
Tot Ion:113 Resp: 323310
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 24.5 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 3.65 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051324.D
 Acq: 19 Sep 2018 17:17

Tgt Ion: 75 Resp: 34053
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.6 56.0#
 77 0.0 24.7 37.1#

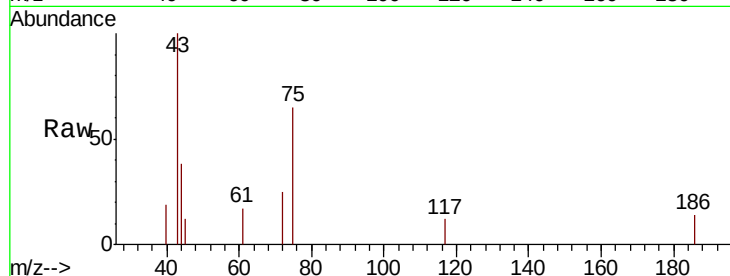




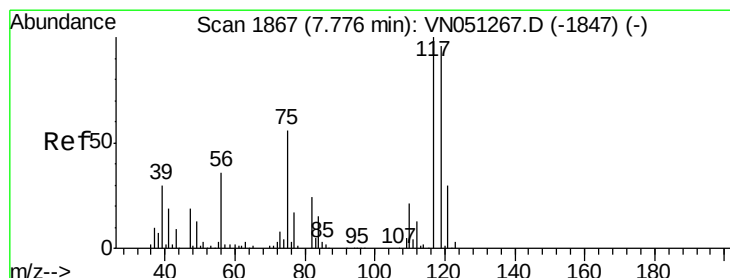
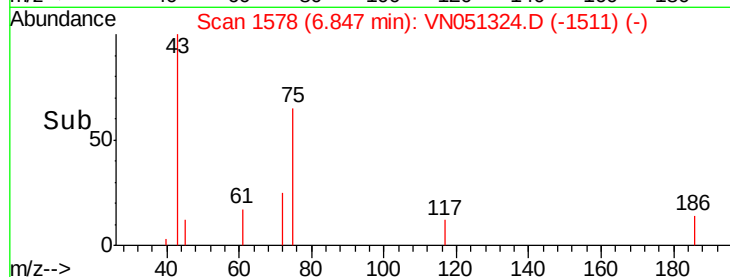
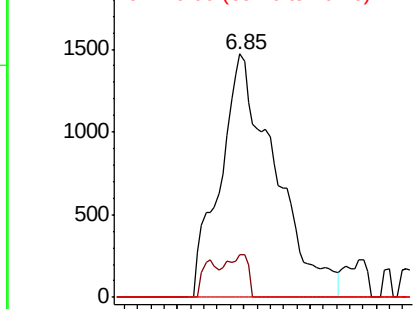
#37
Ethyl Acetate
Concen: 0.89 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. -0.08 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 4242
Ion Ratio Lower Upper
43 100
61 6.2 12.3 18.5#
70 0.0 9.4 14.0#

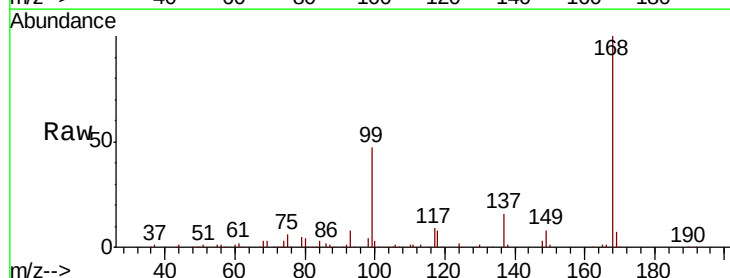


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

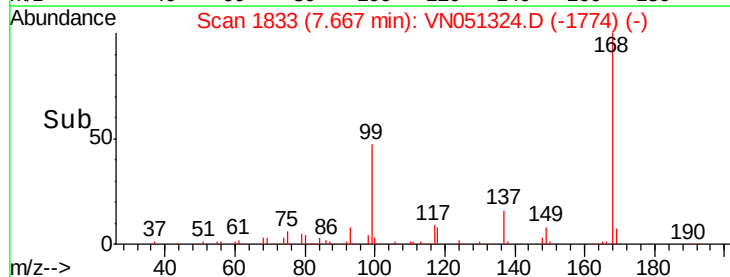
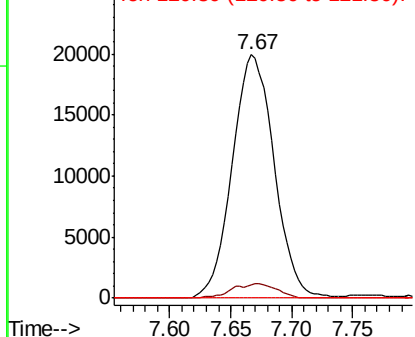


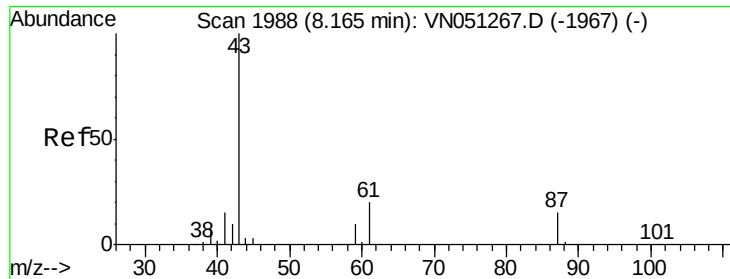
#38
Carbon Tetrachloride
Concen: 4.89 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

Tgt Ion: 117 Resp: 47570
Ion Ratio Lower Upper
117 100
119 5.6 76.8 115.2#
121 0.0 24.2 36.2#



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

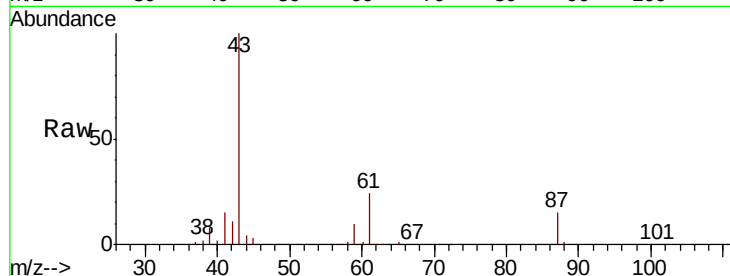




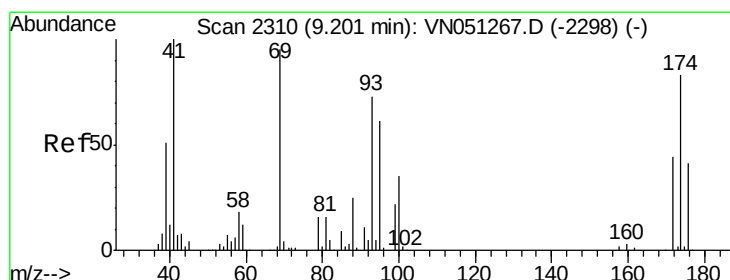
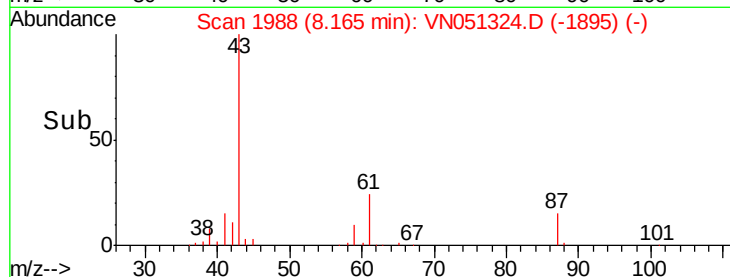
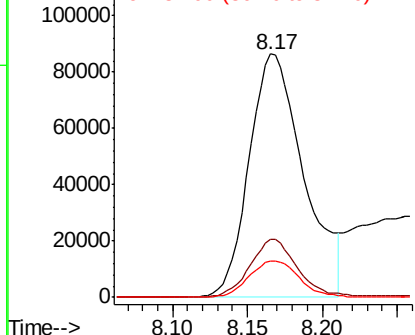
#43
Isopropyl Acetate
Concen: 26.51 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 219819
Ion Ratio Lower Upper
43 100
61 21.0 17.4 26.2
87 13.6 12.2 18.4

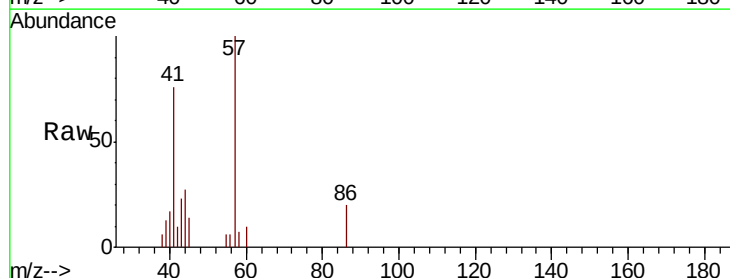


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

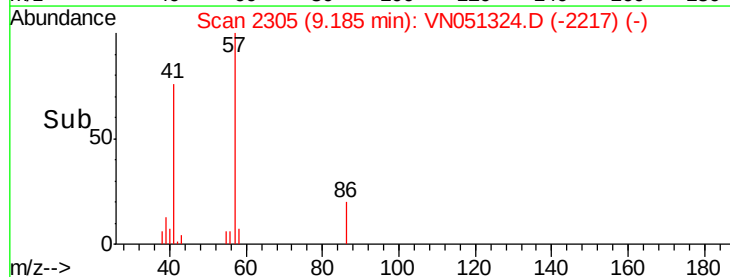
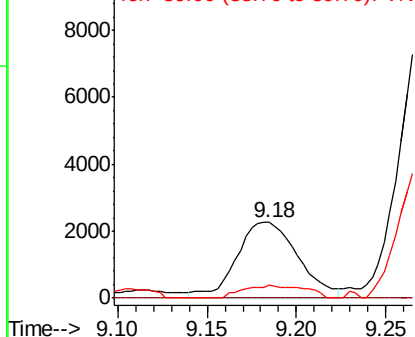


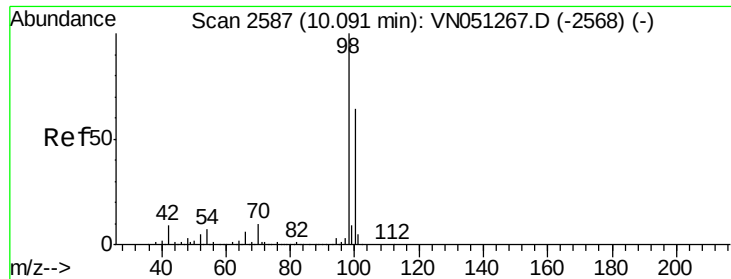
#48
Methyl methacrylate
Concen: 1.36 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

Tgt Ion: 41 Resp: 5435
Ion Ratio Lower Upper
41 100
69 0.0 78.9 118.3#
39 11.2 42.2 63.2#



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





#50

Toluene-d8

Concen: 45.90 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051324.D

Acq: 19 Sep 2018 17:17

Instrument :

MSVOA_N

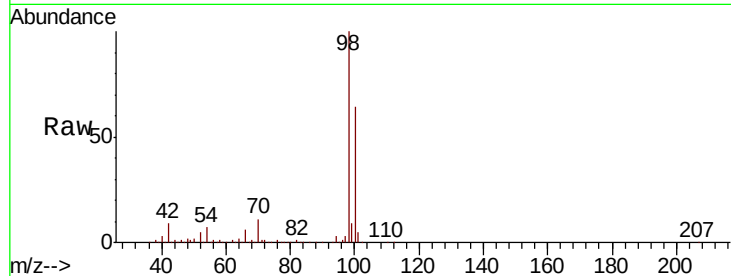
ClientSampled :

Tot Ion: 98 Resp: 1135135

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051267.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051267.D (-2568) (-)

10.09

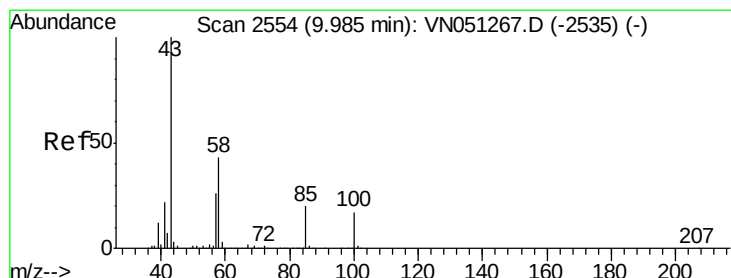
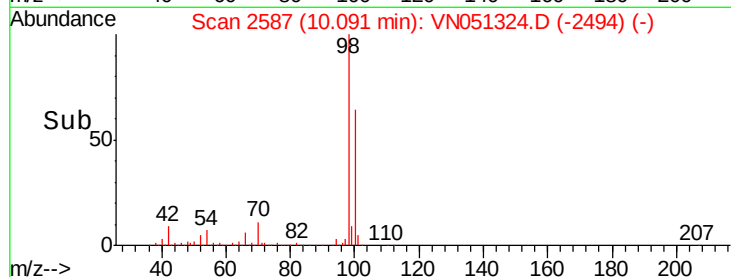
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.65 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051324.D

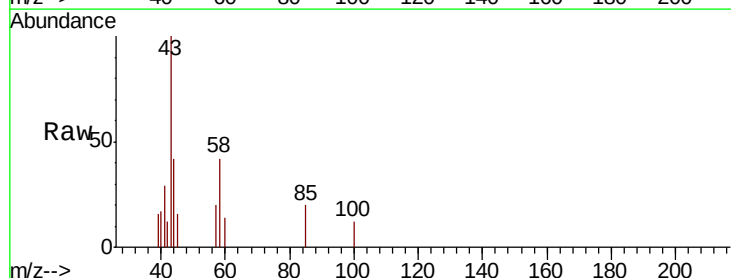
Acq: 19 Sep 2018 17:17

Tgt Ion: 43 Resp: 2773

Ion Ratio Lower Upper

43 100

58 45.0 33.8 50.6



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN051267.D (-2535) (-)

2000

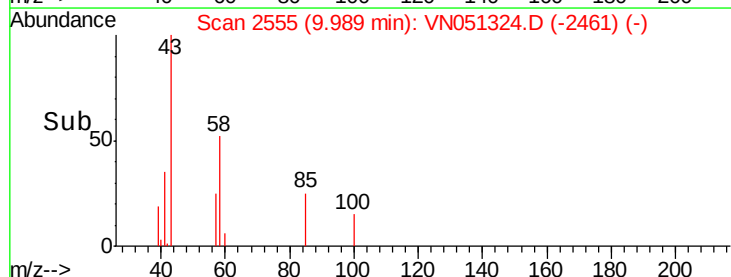
1500

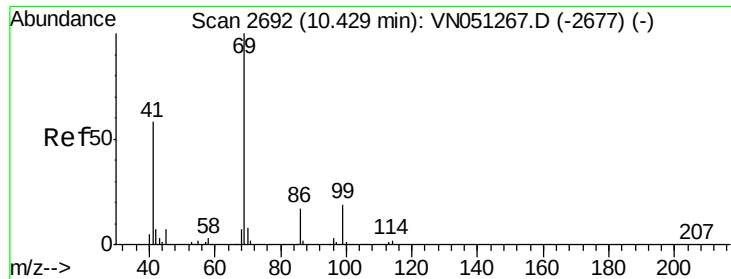
1000

500

0

Time-->

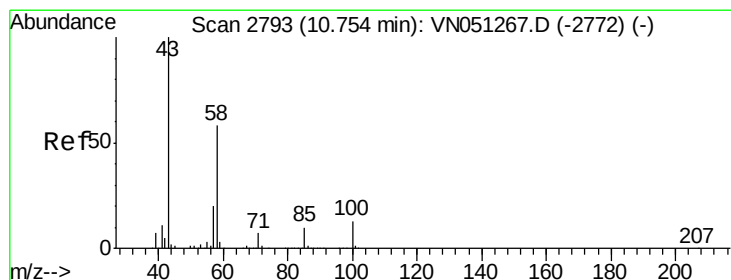
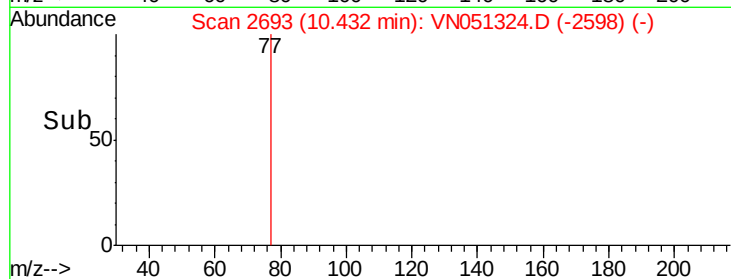
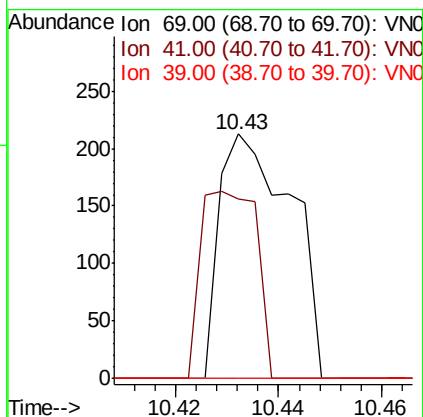
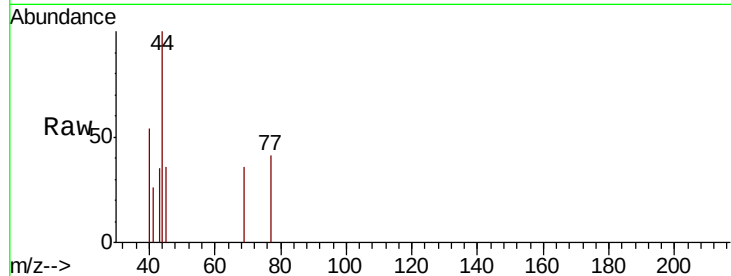




#56
Ethyl methacrylate
Concen: 2.09 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

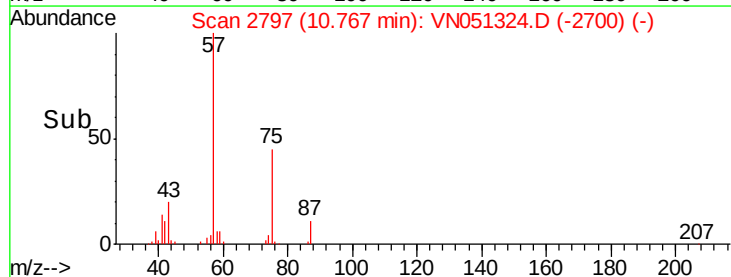
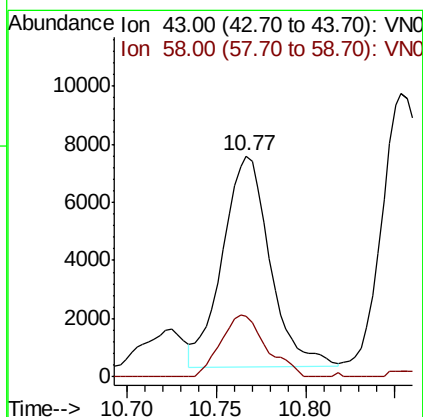
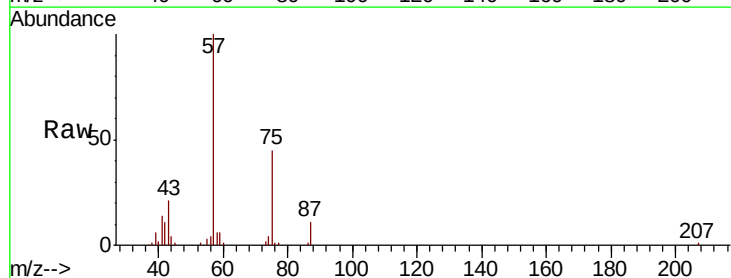
Instrument :
MSVOA_N
ClientSampled :

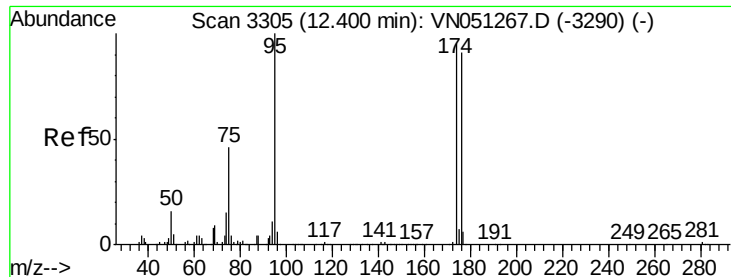
Tot Ion: 69 Resp: 204
Ion Ratio Lower Upper
69 100
41 59.8 47.4 71.0
39 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 4.72 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

Tgt Ion: 43 Resp: 13290
Ion Ratio Lower Upper
43 100
58 28.2 28.9 86.8#

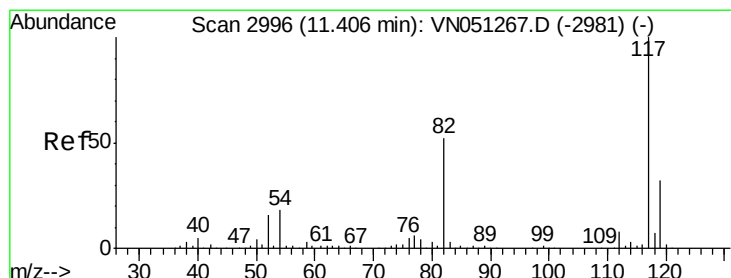
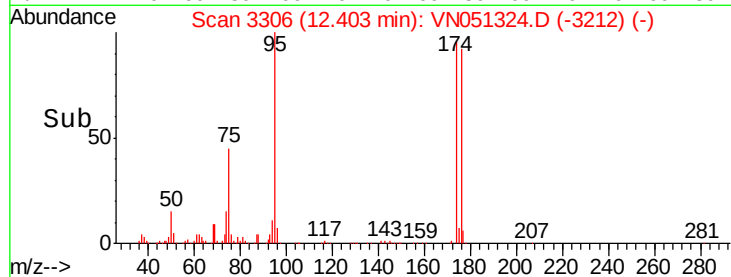
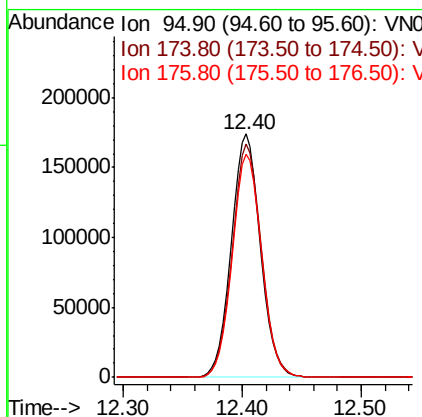
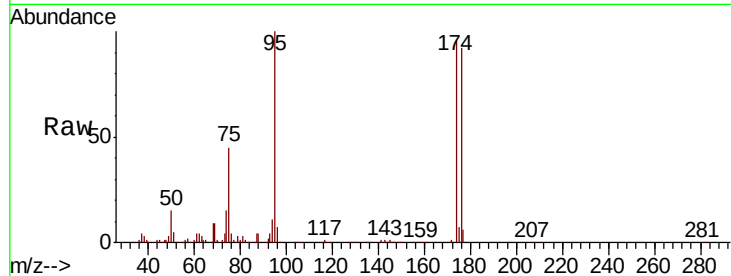




#62
4-Bromofluorobenzene
Concen: 37.38 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

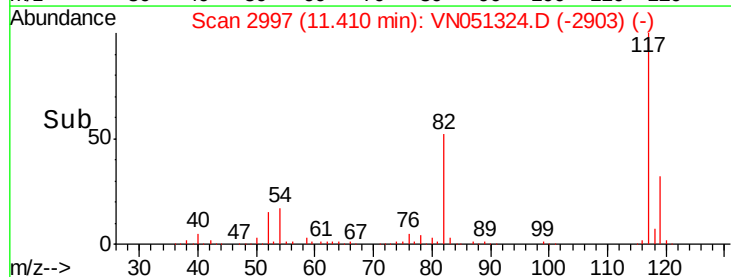
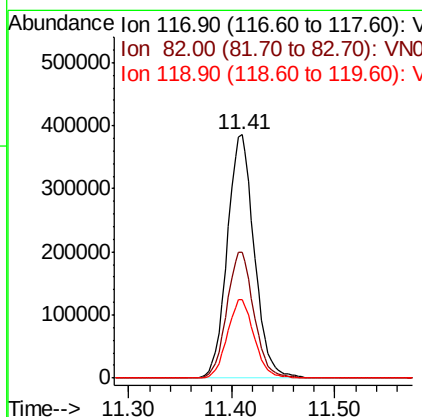
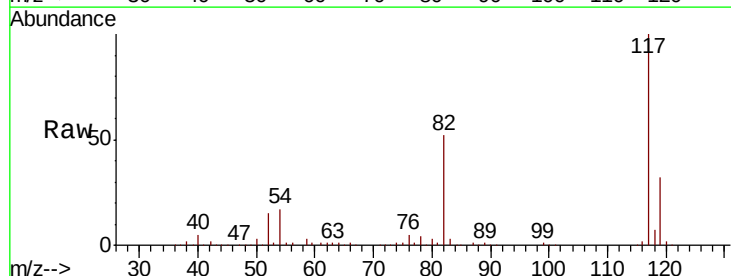
Instrument :
MSVOA_N
ClientSampleId :

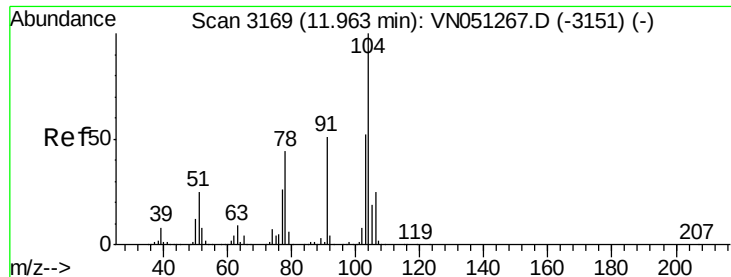
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	189.6
176	92.7	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.8	62.8
119	32.3	25.6	38.4

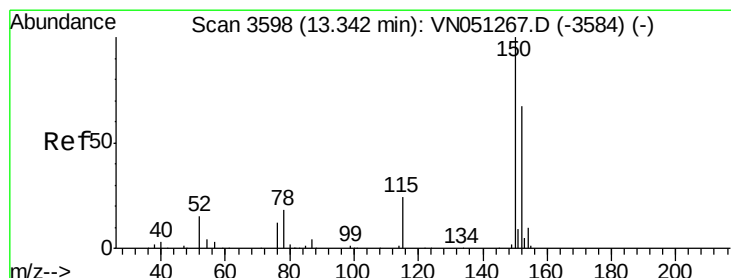
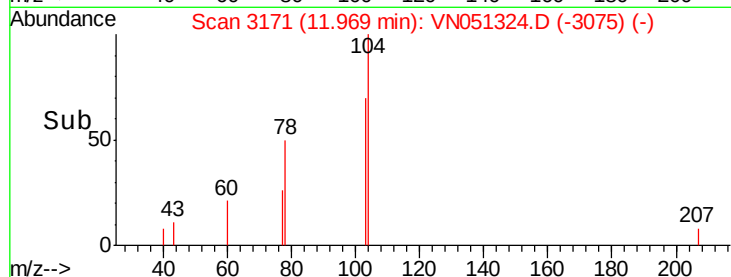
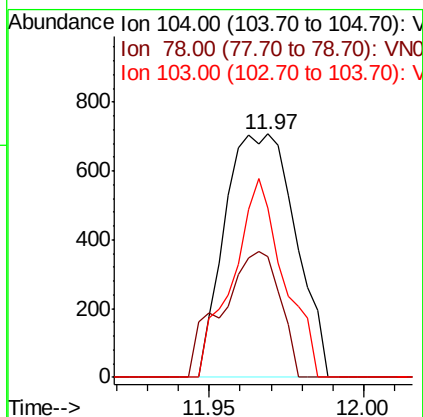
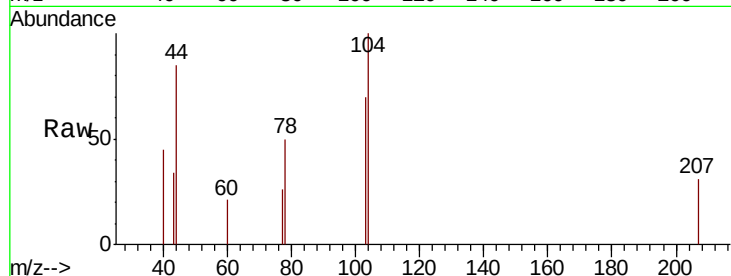




#70
Stvrene
Concen: 1.30 ug/l
RT: 11.97 min Scan# 3171
Delta R.T. 0.01 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

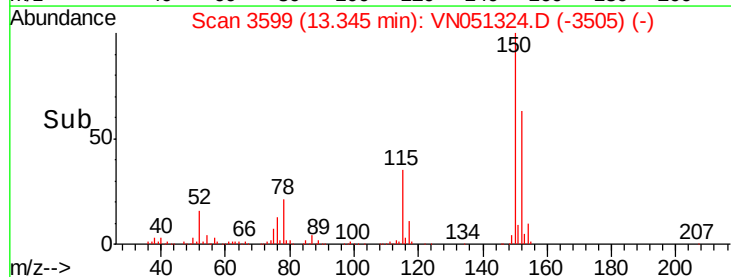
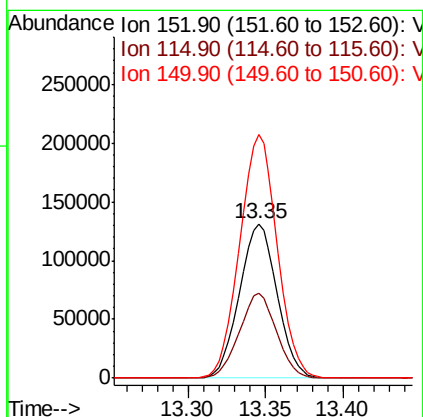
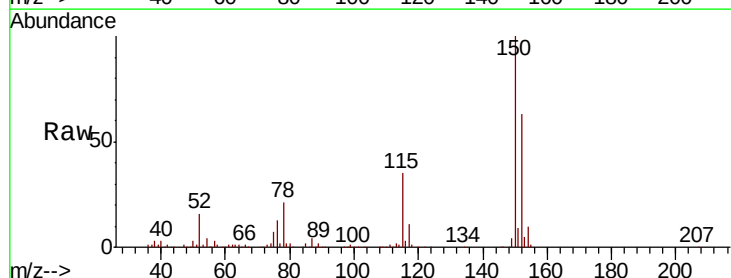
Instrument :
MSVOA_N
ClientSampled :

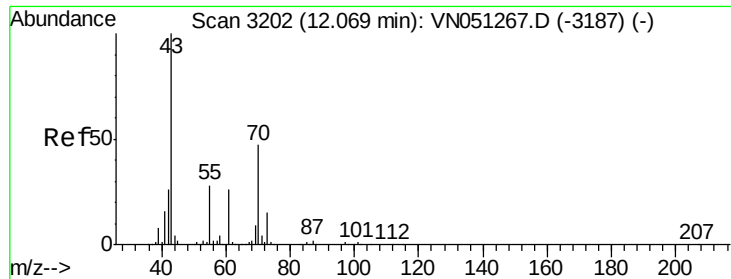
Tot Ion:104 Resp: 1124
Ion Ratio Lower Upper
104 100
78 42.8 38.1 57.1
103 59.3 44.8 67.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

Tgt Ion:152 Resp: 222040
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.2
150 157.2 0.0 349.0





#74

N-amvl acetate

Concen: 0.23 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN051324.D

Acq: 19 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 892

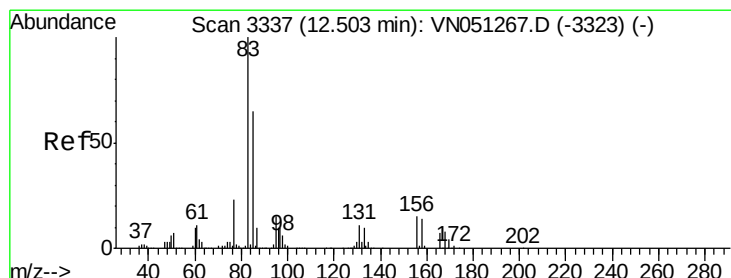
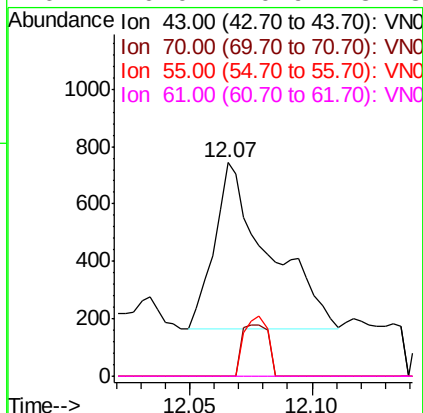
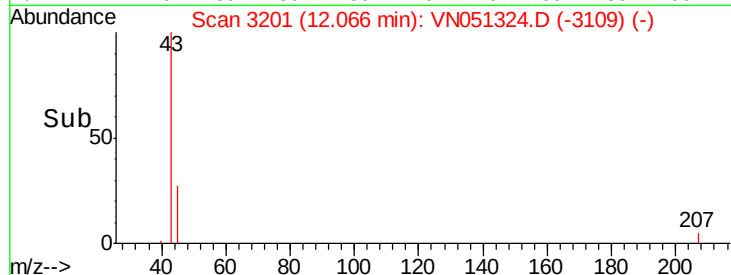
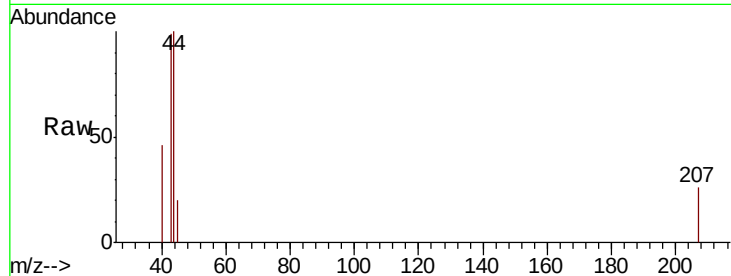
Ion Ratio Lower Upper

43 100

70 14.8 37.8 56.6#

55 15.5 22.6 34.0#

61 0.0 20.9 31.3#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: VN051324.D

Acq: 19 Sep 2018 17:17

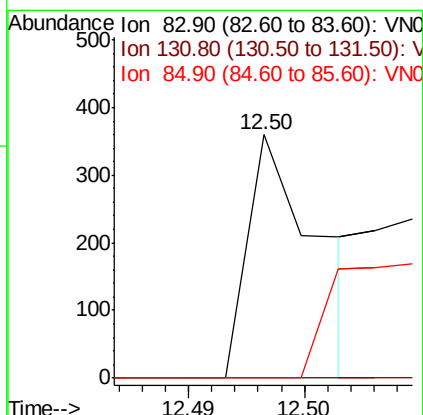
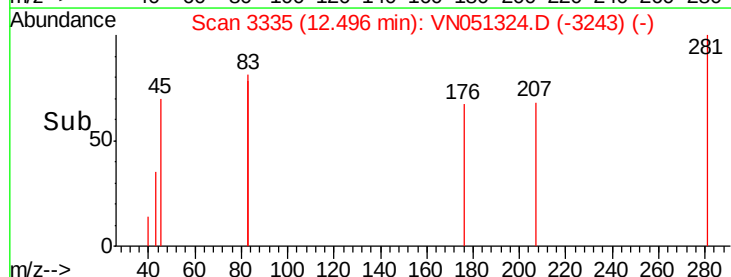
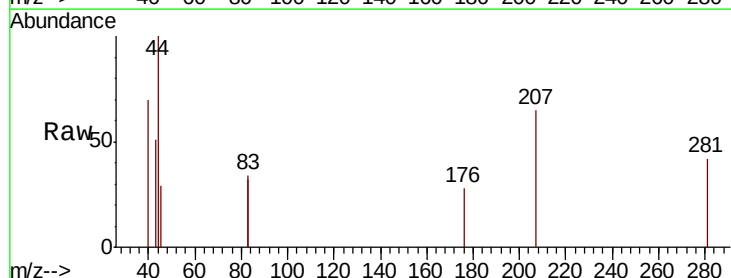
Tgt Ion: 83 Resp: 151

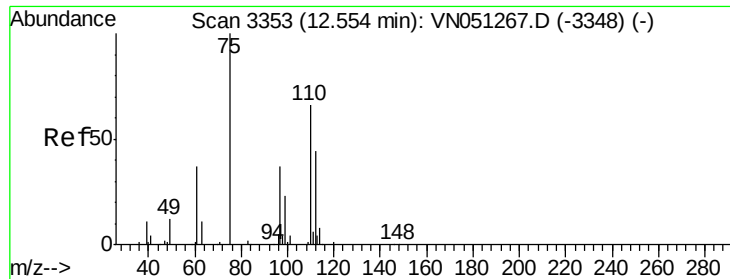
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 129.1 32.3 96.9#

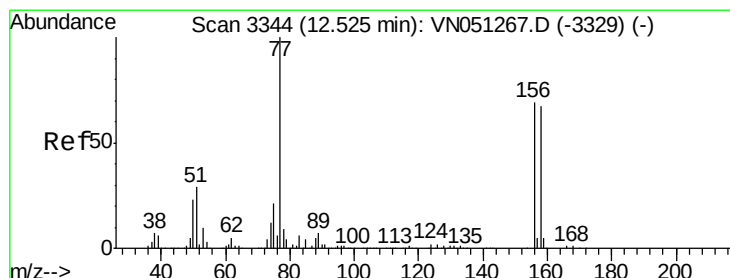
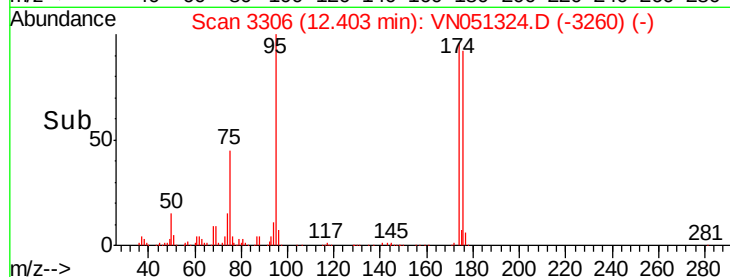
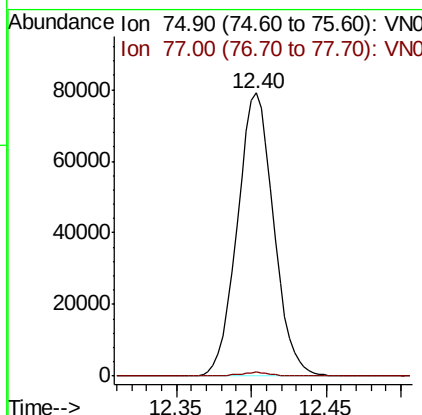
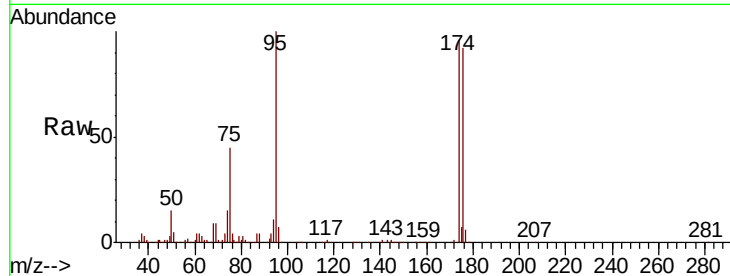




#76
 1,2,3-Trichloropropane
 Concen: 43.66 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN051324.D
 Acq: 19 Sep 2018 17:17

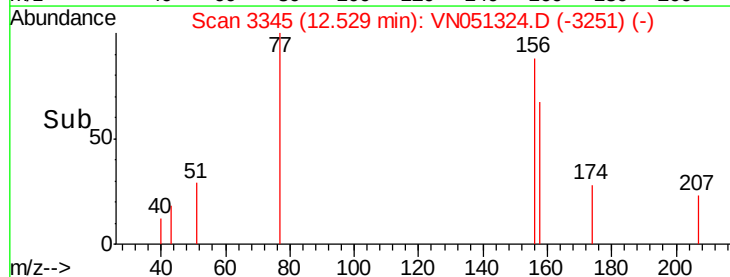
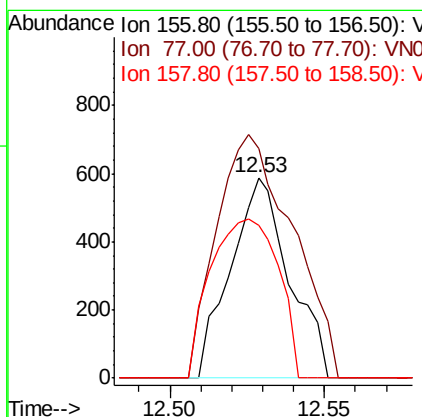
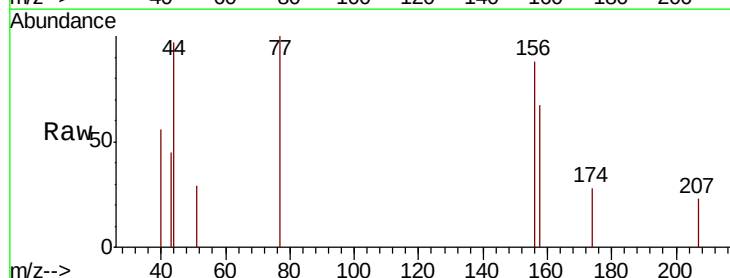
Instrument :
 MSVOA_N
 ClientSampleId :

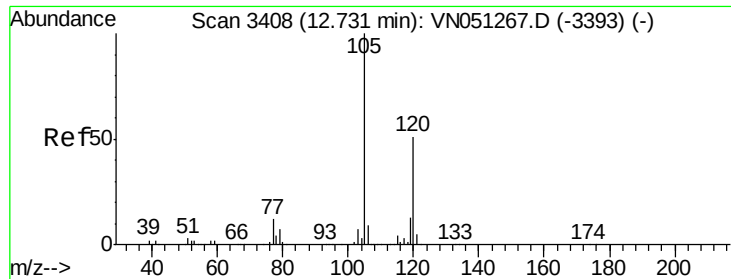
Tot Ion: 75 Resp: 133590
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#77
 Bromobenzene
 Concen: Below Cal
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN051324.D
 Acq: 19 Sep 2018 17:17

Tgt Ion: 156 Resp: 775
 Ion Ratio Lower Upper
 156 100
 77 157.9 83.7 251.1
 158 91.5 49.0 147.2

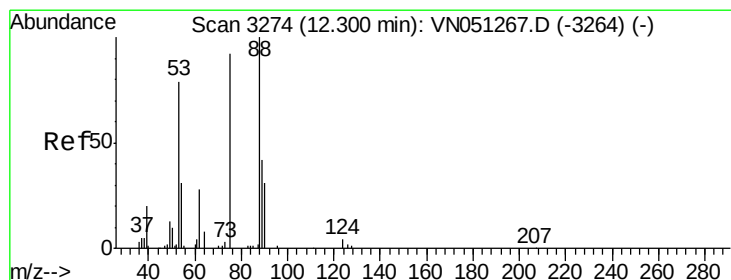
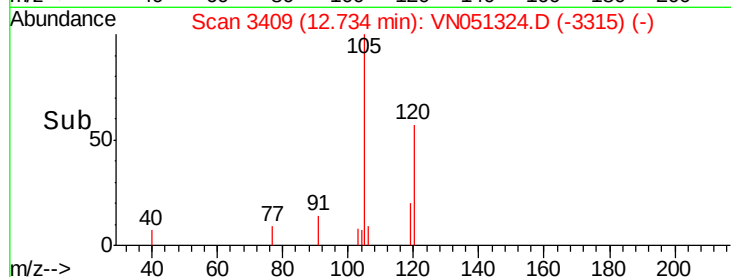
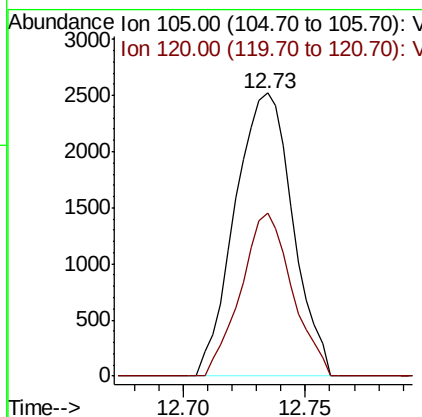
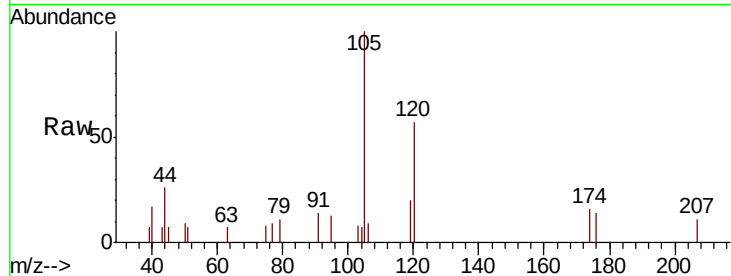




#80
 1,3,5-Trimethylbenzene
 Concen: 0.28 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051324.D
 Acq: 19 Sep 2018 17:17

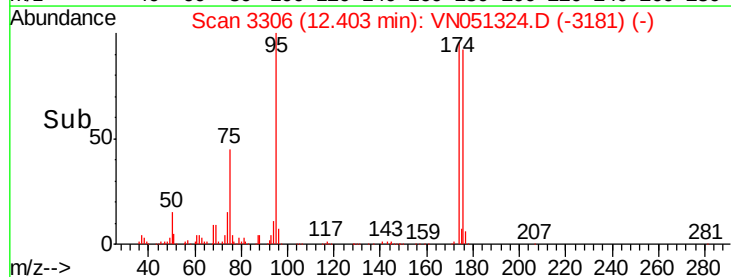
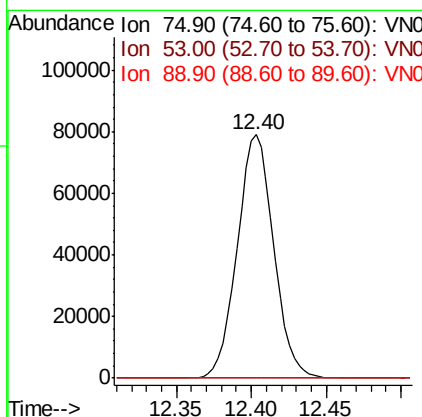
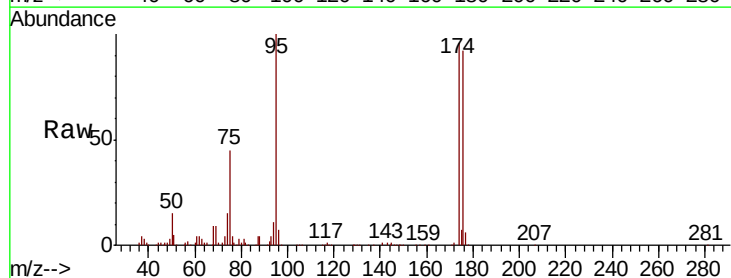
Instrument :
 MSVOA_N
 ClientSampled :

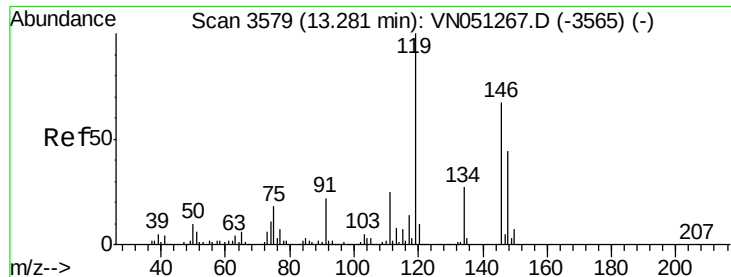
Tot Ion:105 Resp: 4141
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.63 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051324.D
 Acq: 19 Sep 2018 17:17

Tgt Ion: 75 Resp: 133590
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.7 101.5#
 89 0.0 36.9 55.3#

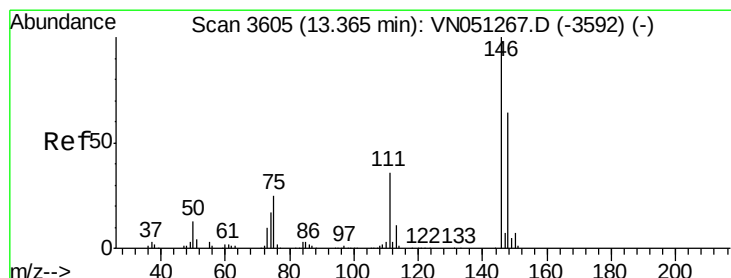
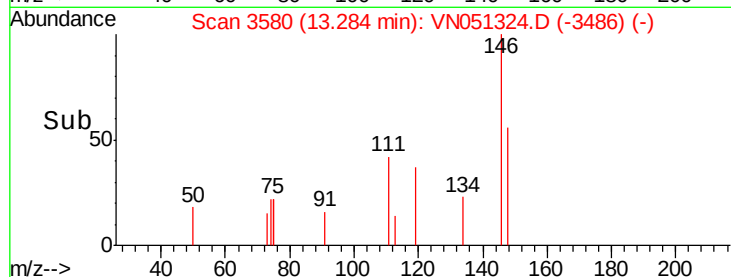
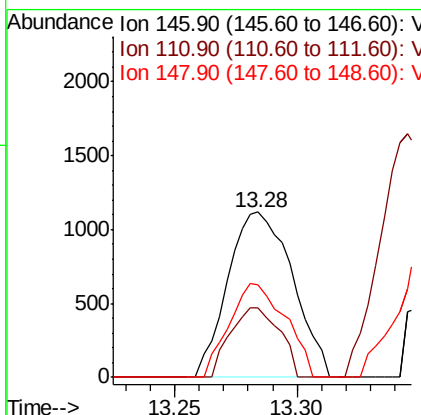
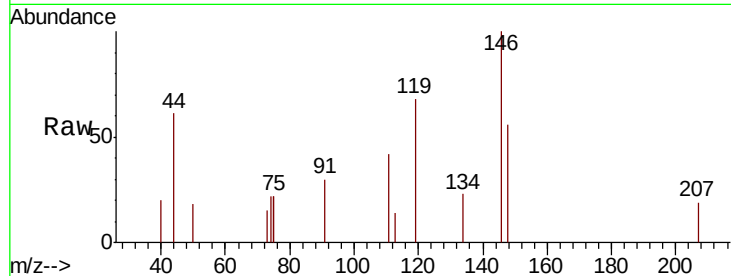




#87
 1,3-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051324.D
 Acq: 19 Sep 2018 17:17

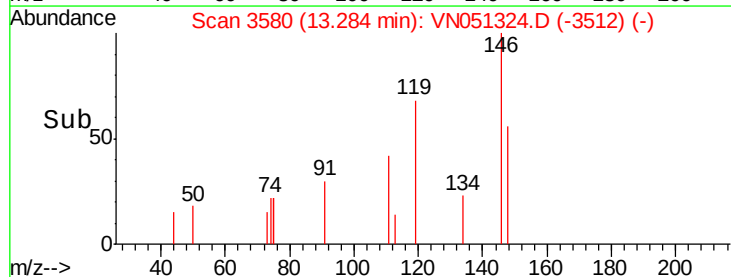
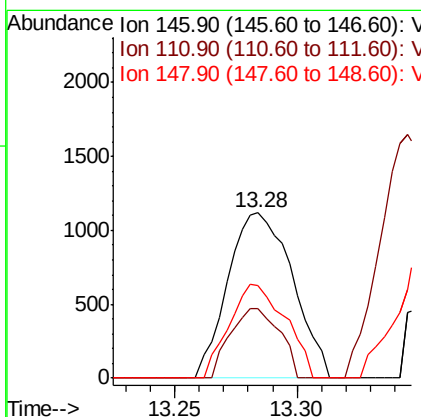
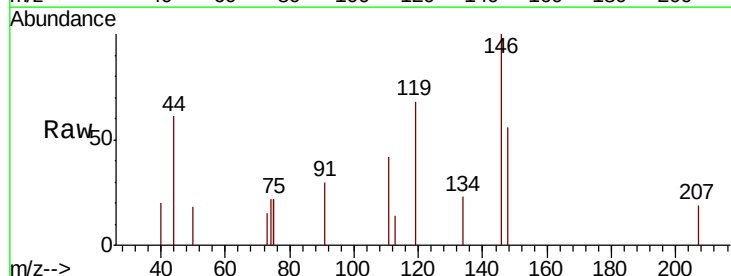
Instrument :
 MSVOA_N
 ClientSampled :

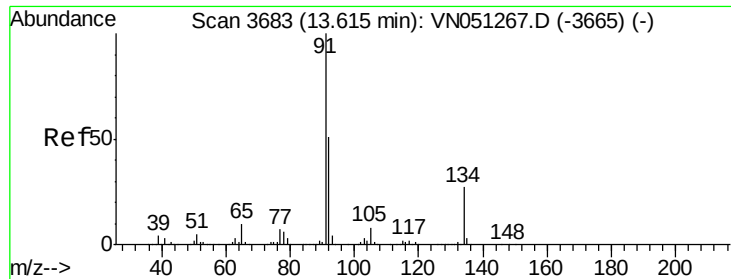
Tot Ion:146 Resp: 2059
 Ion Ratio Lower Upper
 146 100
 111 32.2 18.7 56.1
 148 49.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.67 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN051324.D
 Acq: 19 Sep 2018 17:17

Tgt Ion:146 Resp: 2059
 Ion Ratio Lower Upper
 146 100
 111 32.2 18.2 54.6
 148 49.2 31.9 95.7

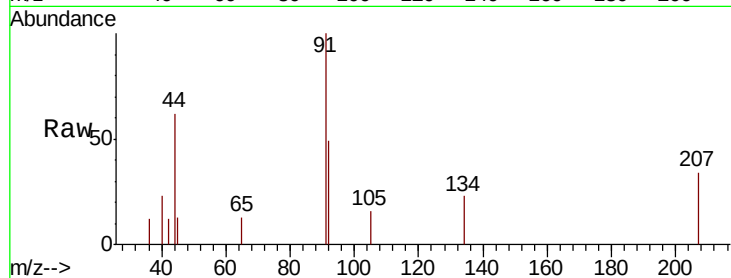




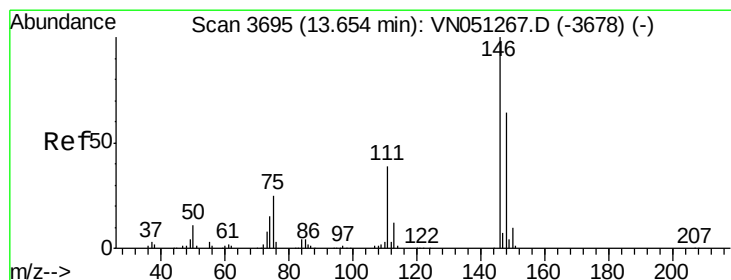
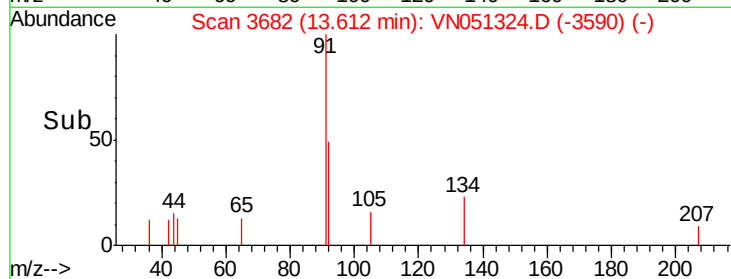
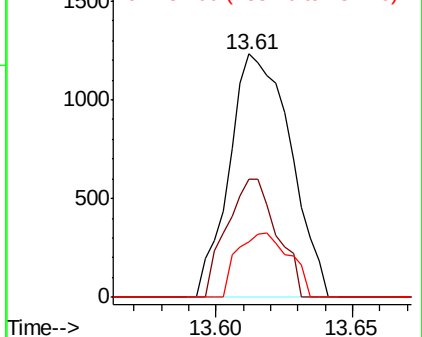
#89
n-Butylbenzene
Concen: 2.18 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 1921
Ion Ratio Lower Upper
91 100
92 39.6 25.8 77.4
134 22.7 13.7 41.0

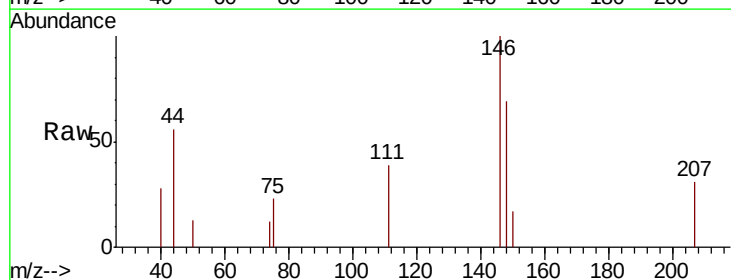


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

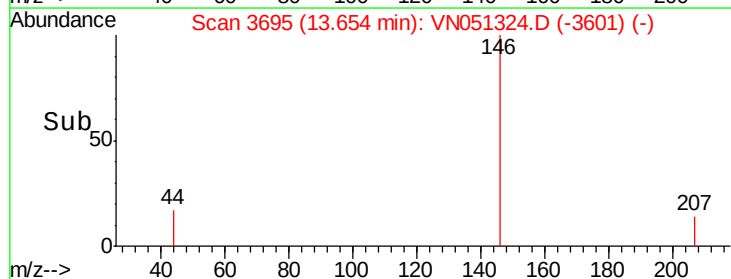
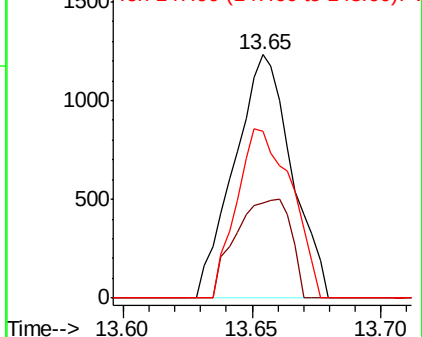


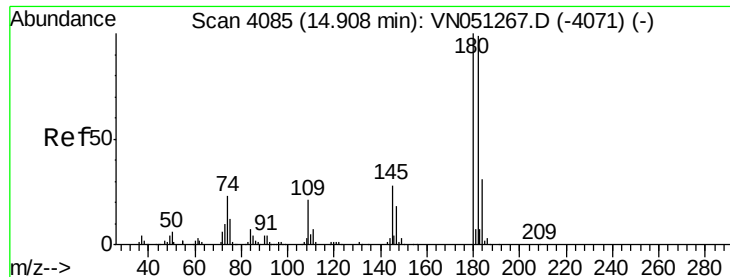
#91
1,2-Dichlorobenzene
Concen: Below Cal
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN051324.D
Acq: 19 Sep 2018 17:17

Tgt Ion: 146 Resp: 1906
Ion Ratio Lower Upper
146 100
111 39.1 19.6 58.7
148 66.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

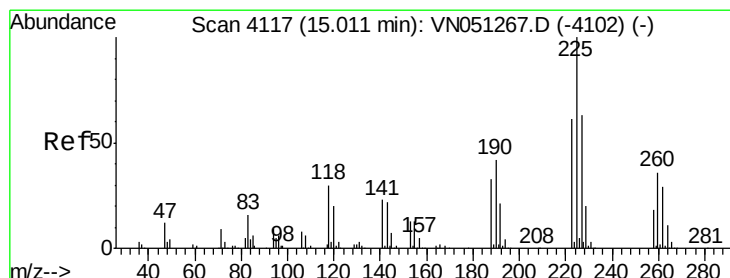
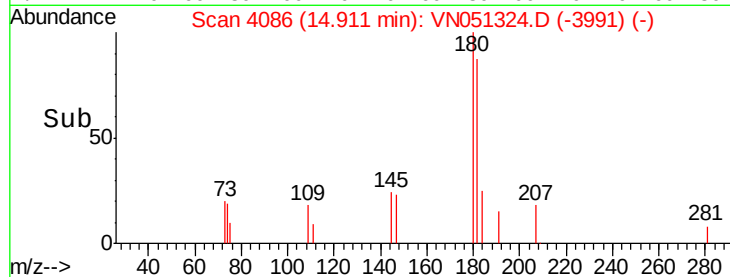
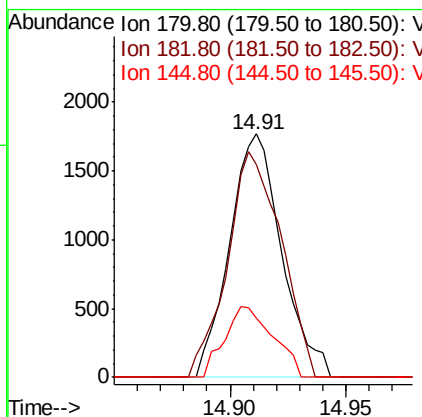
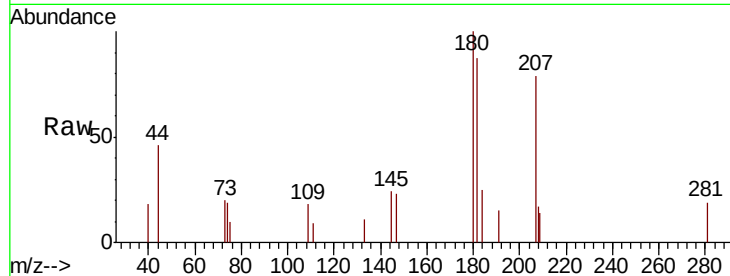




#93
 1,2,4-Trichlorobenzene
 Concen: 5.70 ua/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051324.D
 Acq: 19 Sep 2018 17:17

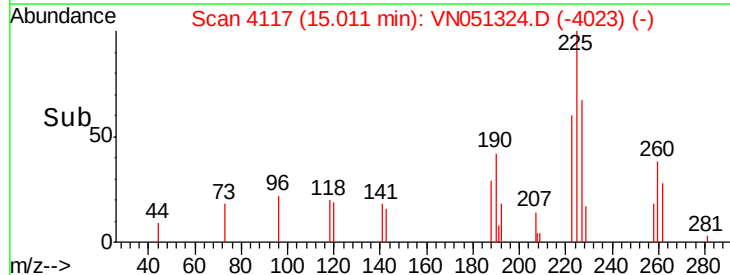
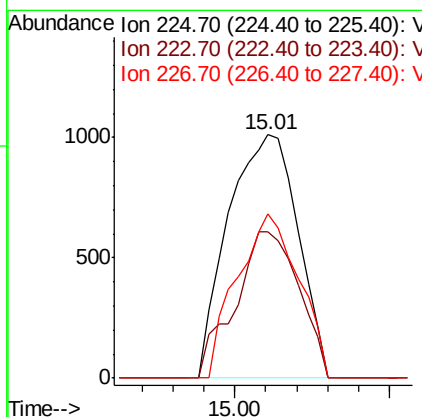
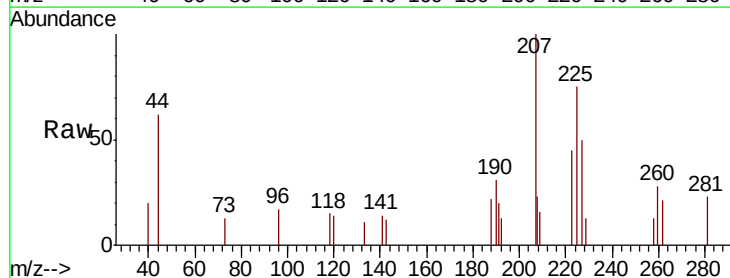
Instrument :
 MSVOA_N
 ClientSampleId :

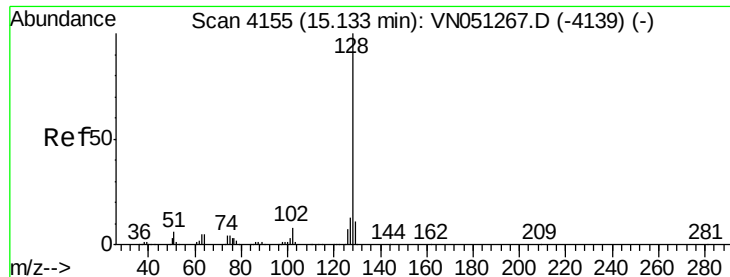
Tot Ion:180 Resp: 2762
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.5 145.6
 145 27.0 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051324.D
 Acq: 19 Sep 2018 17:17

Tgt Ion:225 Resp: 1580
 Ion Ratio Lower Upper
 225 100
 223 55.1 30.8 92.3
 227 59.9 32.1 96.3





#95

Naphthalene

Concen: 6.70 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051324.D

Acq: 19 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

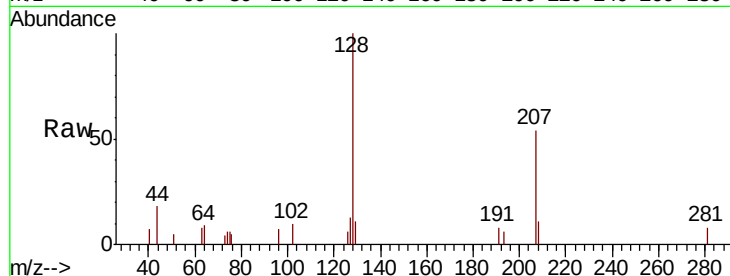
Tot Ion:128 Resp: 6074

Ion Ratio Lower Upper

128 100

127 11.7 10.7 16.1

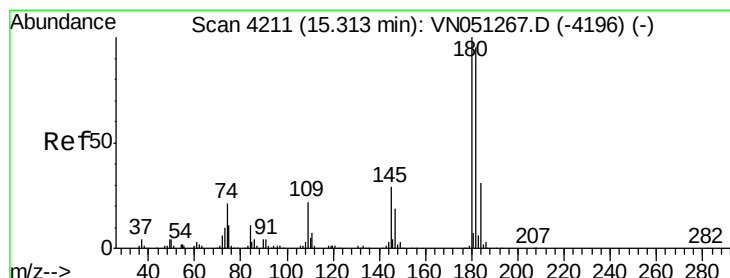
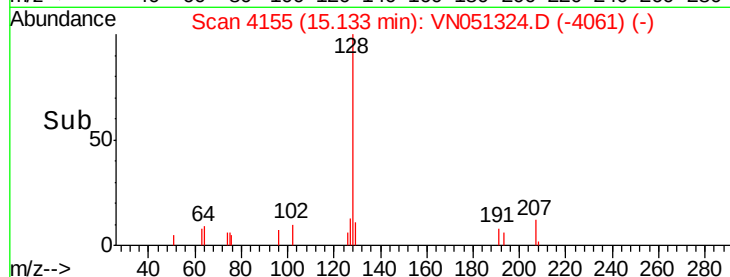
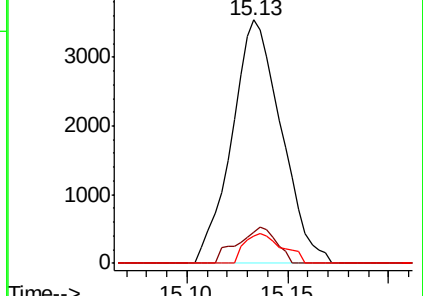
129 9.3 8.9 13.3



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: 4.65 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051324.D

Acq: 19 Sep 2018 17:17

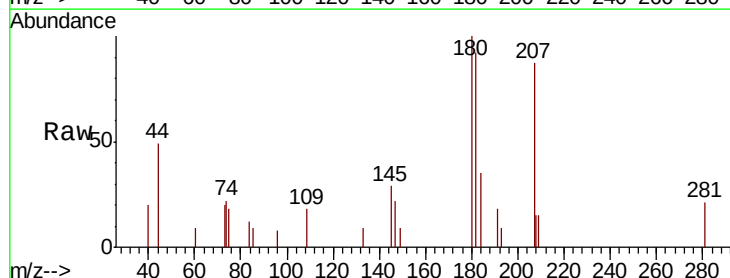
Tgt Ion:180 Resp: 3007

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.6

145 28.6 14.8 44.4



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

