

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050485.D
 Acq On : 9 Aug 2018 15:01
 Operator : MD\SY
 Sample : PB111888ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 10 04:03:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	853064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1340077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1136246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	410745	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	549331	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
35) Dibromofluoromethane	7.59	113	503129	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
50) Toluene-d8	10.09	98	1829061	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
62) 4-Bromofluorobenzene	12.40	95	508681	36.92	ug/l	0.00
Spiked Amount			Recovery	=	73.84%	

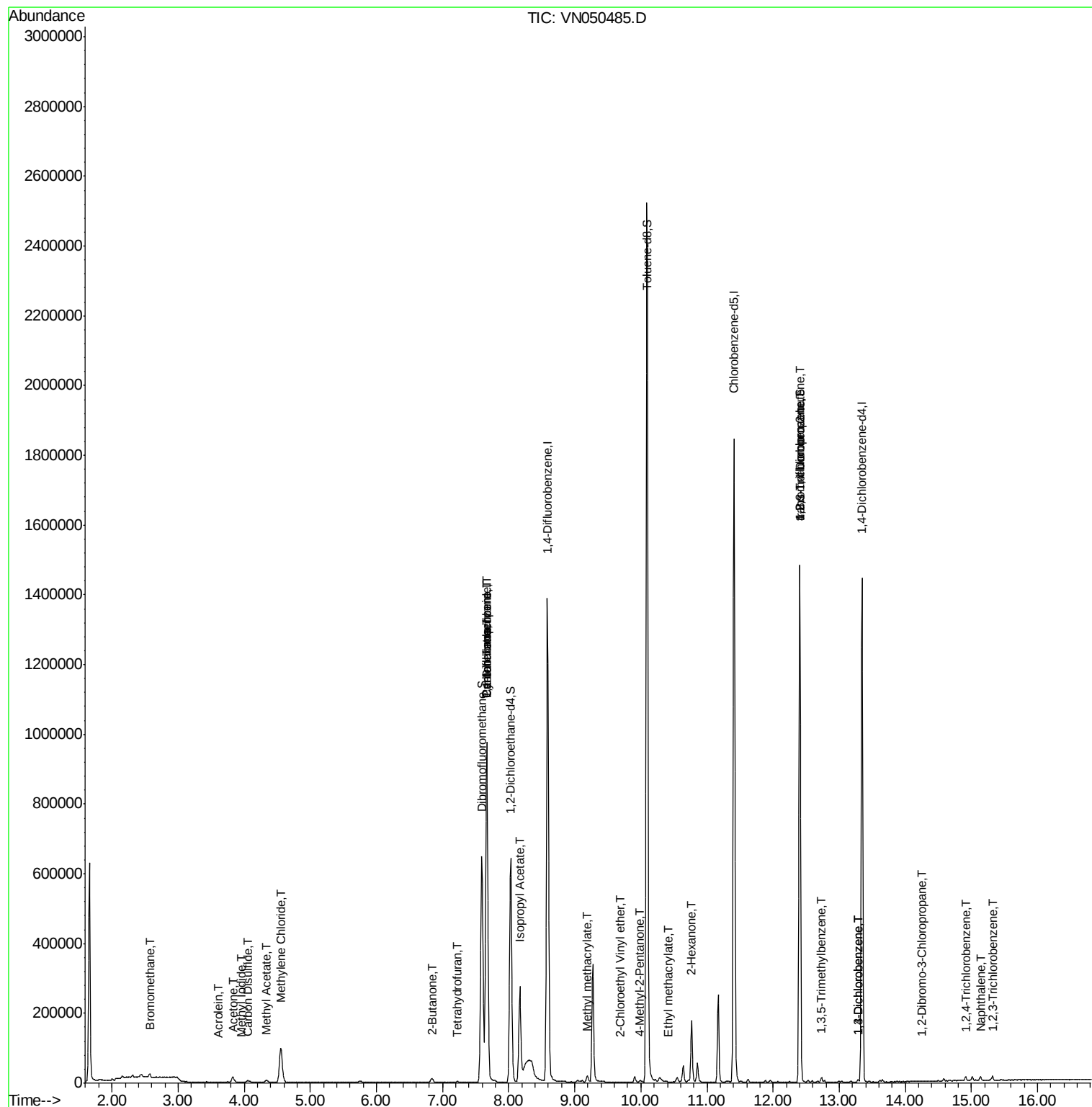
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4339	Below Cal		95
5) Bromomethane	2.57	94	6200	1.21 ug/l		91
10) Methyl Iodide	3.95	142	2103	0.49 ug/l #		64
13) Acrolein	3.62	56	300	15.27 ug/l		91
16) Acetone	3.82	43	27088	7.62 ug/l		99
17) Carbon Disulfide	4.05	76	8320	0.28 ug/l		98
18) Methyl Acetate	4.34	43	13203	1.31 ug/l		97
20) Methylene Chloride	4.55	84	80514	6.39 ug/l		97
25) 2-Butanone	6.86	43	5940	1.05 ug/l #		83
29) Tetrahydrofuran	7.23	42	2093	0.69 ug/l #		78
31) Cyclohexane	7.67	56	15180	0.30 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	56626	3.85 ug/l #		49
38) Carbon Tetrachloride	7.67	117	76336	4.97 ug/l #		16
43) Isopropyl Acetate	8.17	43	325954	17.81 ug/l		99
48) Methyl methacrylate	9.18	41	8809	0.96 ug/l #		22
51) 4-Methyl-2-Pentanone	9.99	43	3797	0.29 ug/l #		76
56) Ethyl methacrylate	10.43	69	212	1.72 ug/l #		26
58) 2-Chloroethyl Vinyl ether	9.70	63	337	7.44 ug/l #		48
59) 2-Hexanone	10.76	43	26742	2.91 ug/l #		60
76) 1,2,3-Trichloropropane	12.40	75	239241	32.18 ug/l #		100
80) 1,3,5-Trimethylbenzene	12.73	105	6224	0.25 ug/l		93
81) trans-1,4-Dichloro-2-buten	12.40	75	239241	113.06 ug/l #		13
87) 1,3-Dichlorobenzene	13.28	146	3065	0.21 ug/l		92
88) 1,4-Dichlorobenzene	13.28	146	3065	0.21 ug/l		93
92) 1,2-Dibromo-3-Chloropropan	14.26	75	333	0.22 ug/l #		13
93) 1,2,4-Trichlorobenzene	14.91	180	4024	0.54 ug/l		96
94) Hexachlorobutadiene	15.02	225	2396	Below Cal		96
95) Naphthalene	15.14	128	10200	4.10 ug/l		97
96) 1,2,3-Trichlorobenzene	15.32	180	4536	0.60 ug/l		99

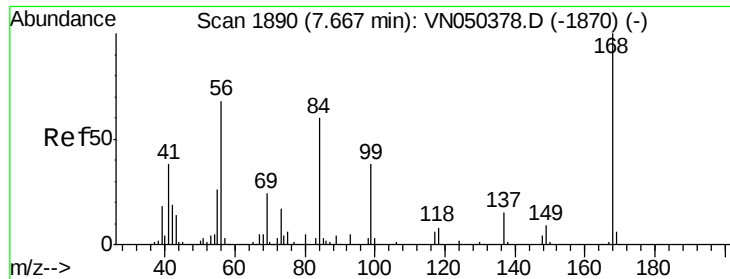
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

Instrument :

MSVOA_N

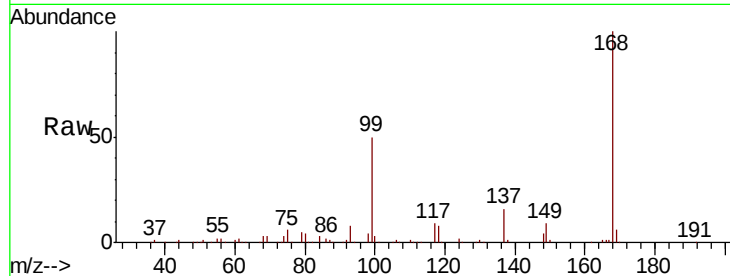
ClientSampled :

Tot Ion:168 Resp: 853064

Ion Ratio Lower Upper

168 100

99 50.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

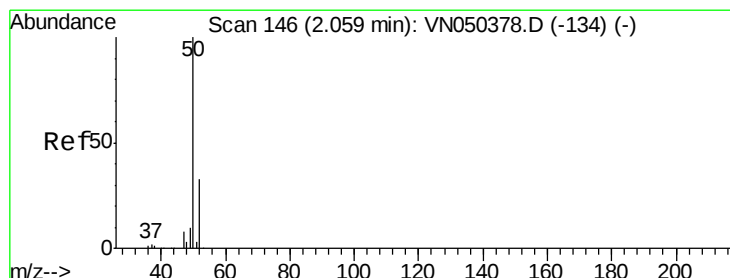
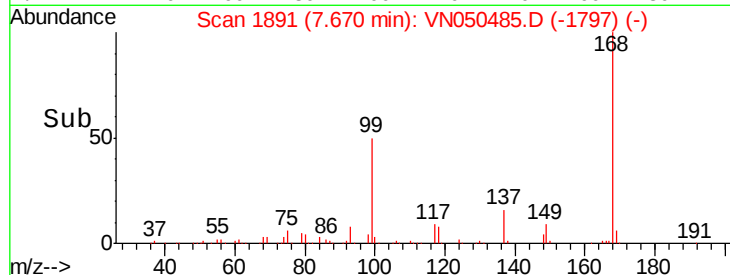
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050485.D

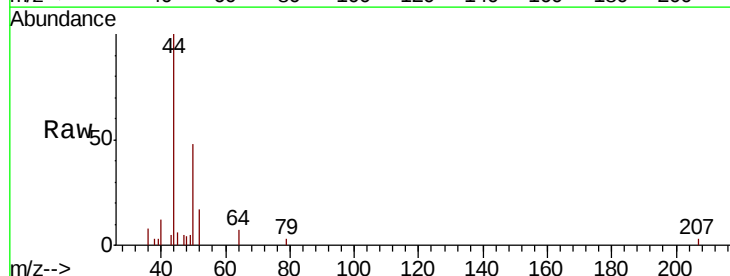
Acq: 9 Aug 2018 15:01

Tgt Ion: 50 Resp: 4339

Ion Ratio Lower Upper

50 100

52 35.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

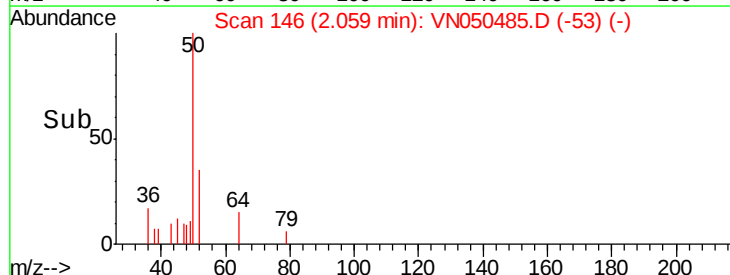
3000

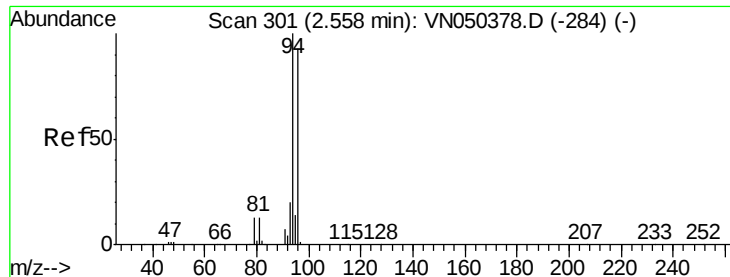
2000

1000

0

Time-->





#5

Bromomethane

Concen: 1.21 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

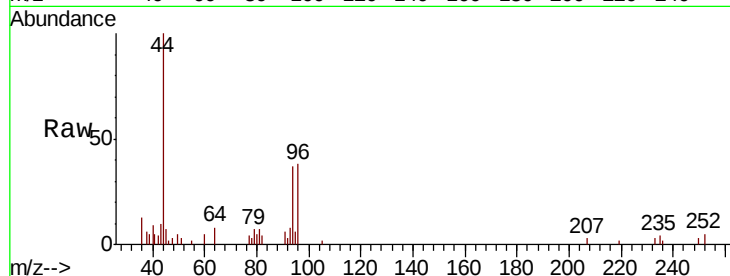
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 6200

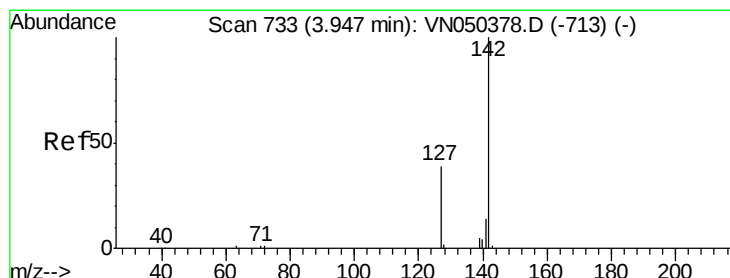
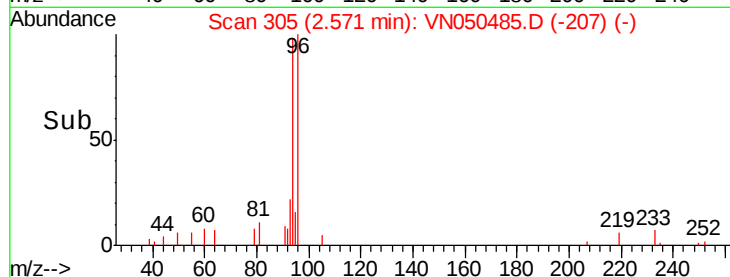
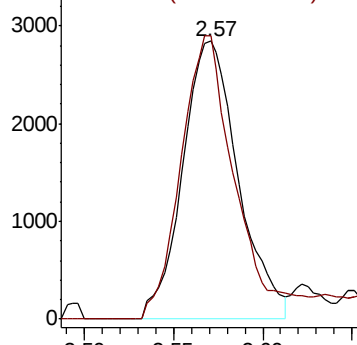
Ion Ratio Lower Upper

94 100

96 101.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 0.49 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

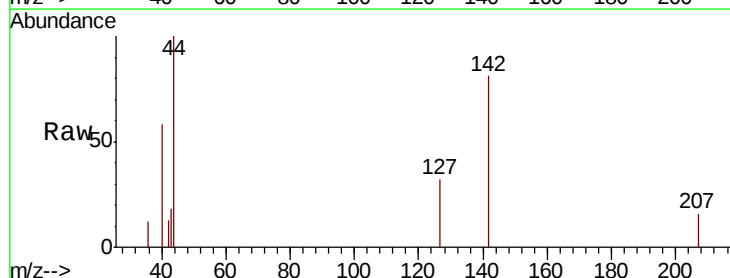
Tgt Ion: 142 Resp: 2103

Ion Ratio Lower Upper

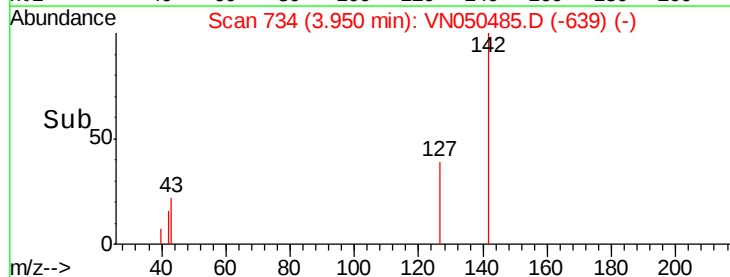
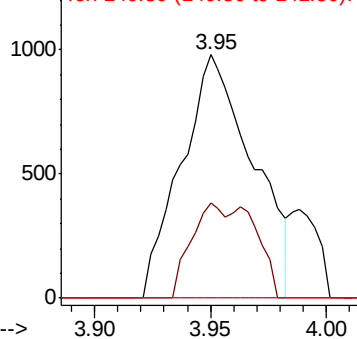
142 100

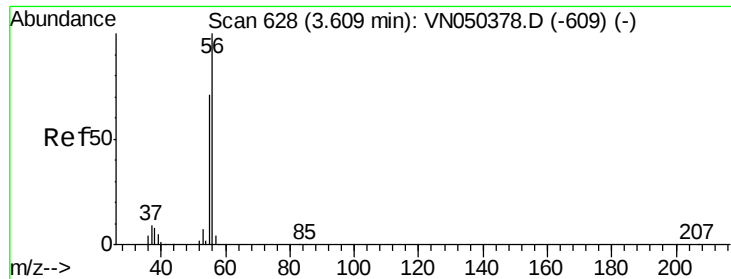
127 18.8 33.4 50.2#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 15.27 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

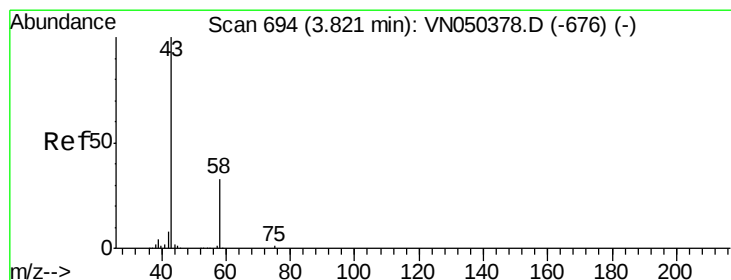
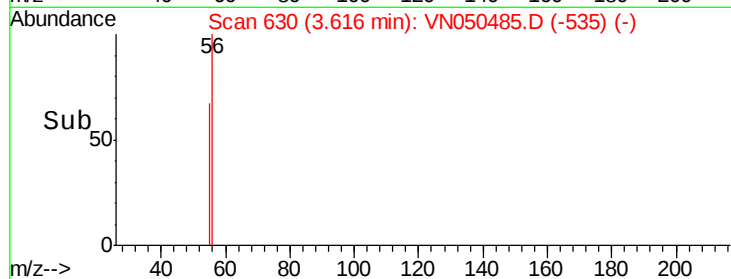
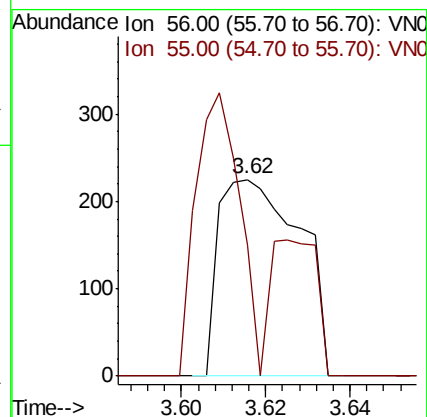
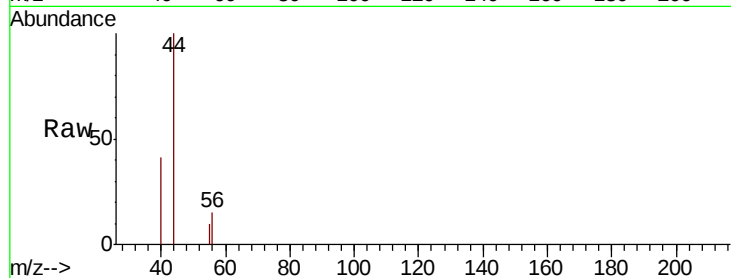
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 300

Ion Ratio Lower Upper

56 100

55 77.3 55.8 83.6



#16

Acetone

Concen: 7.62 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050485.D

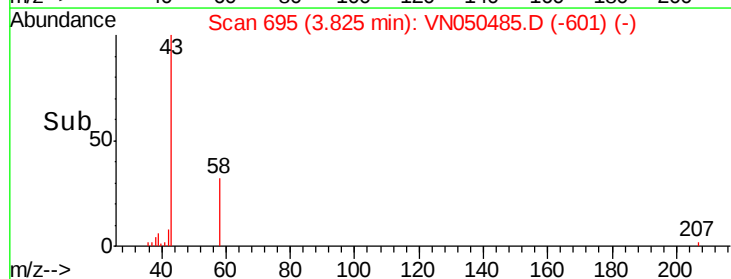
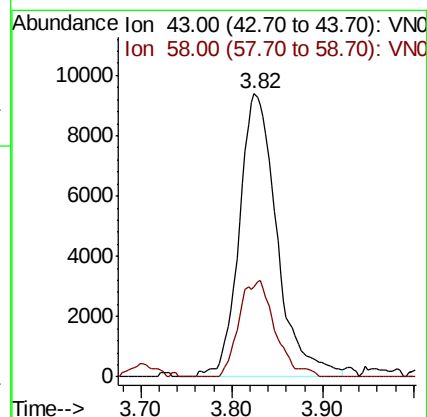
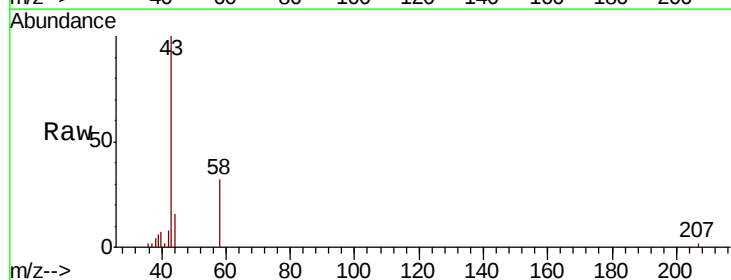
Acq: 9 Aug 2018 15:01

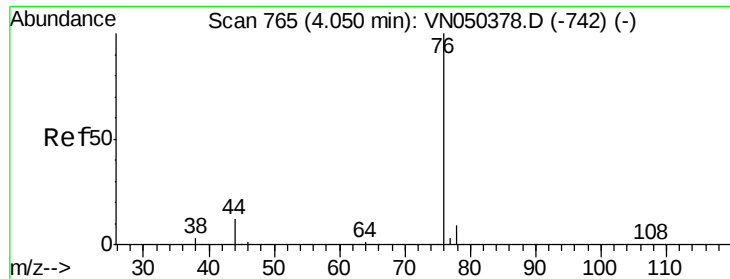
Tgt Ion: 43 Resp: 27088

Ion Ratio Lower Upper

43 100

58 31.7 25.8 38.8

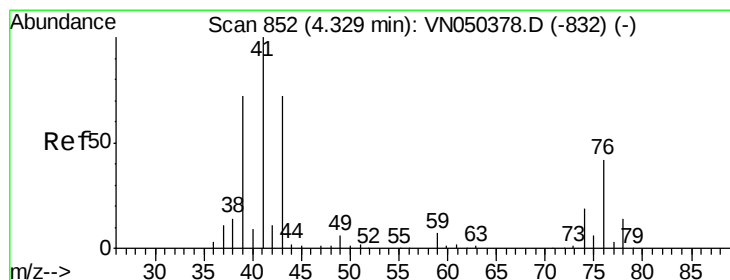
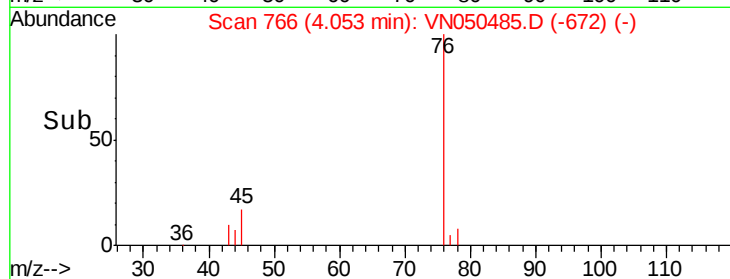
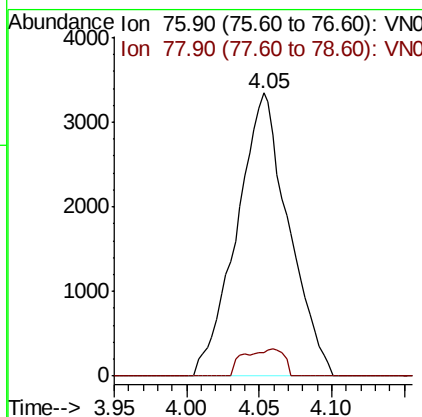
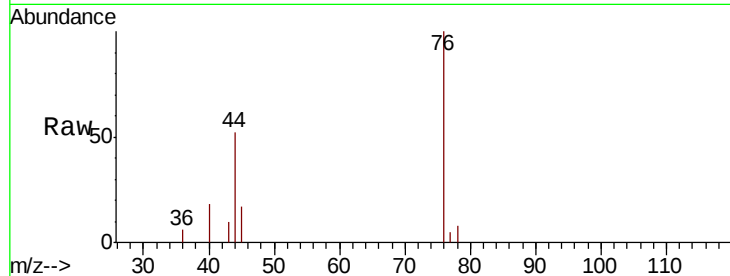




#17
Carbon Disulfide
Concen: 0.28 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

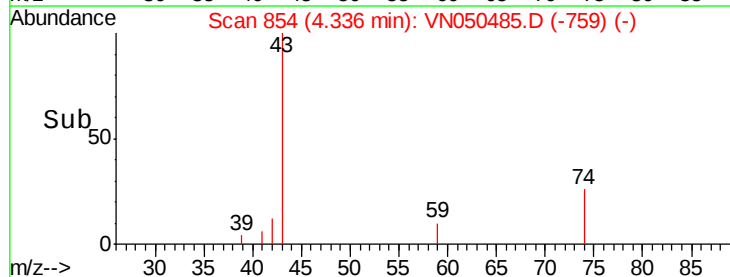
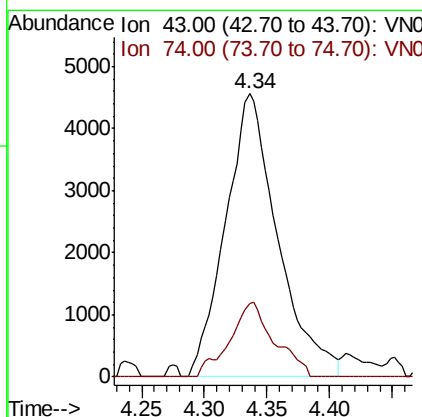
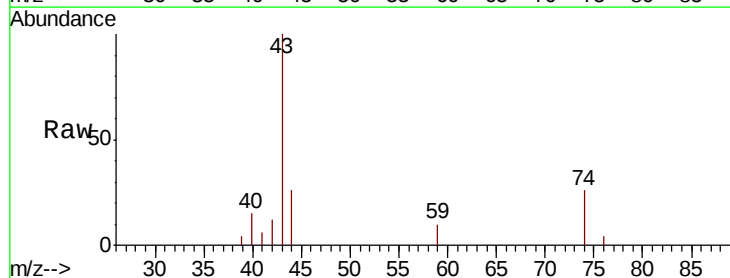
Instrument :
MSVOA_N
ClientSampled :

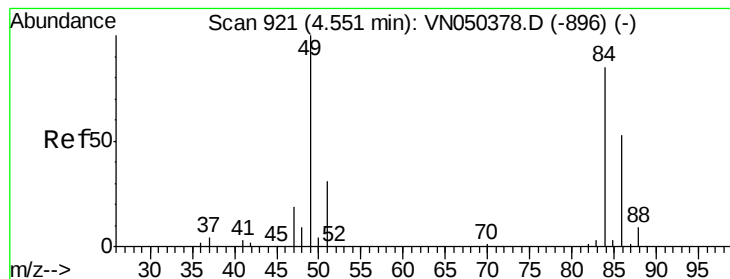
Tot Ion: 76 Resp: 8320
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 1.31 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

Tgt Ion: 43 Resp: 13203
Ion Ratio Lower Upper
43 100
74 22.6 19.2 28.8





#20

Methylene Chloride

Concen: 6.39 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 84 Resp: 80514

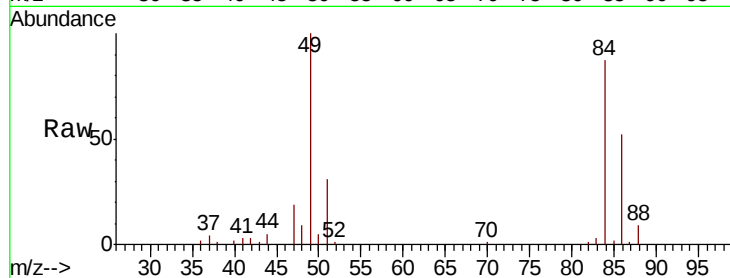
Ion Ratio Lower Upper

84 100

49 115.6 94.8 142.2

51 35.3 28.3 42.5

86 60.5 51.0 76.6

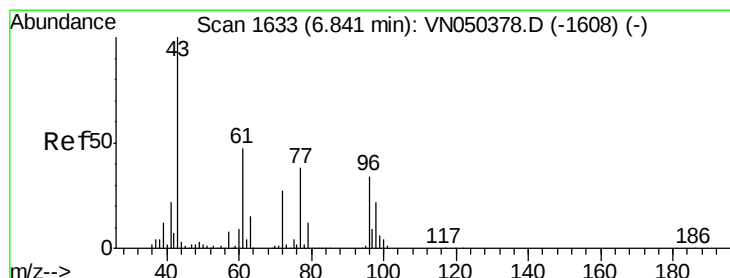
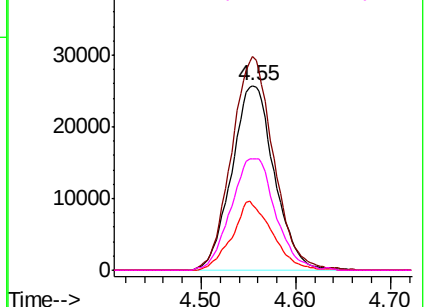
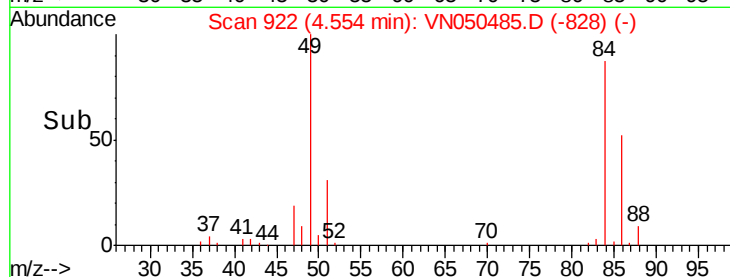


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.05 ug/l

RT: 6.86 min Scan# 1638

Delta R.T. 0.02 min

Lab File: VN050485.D

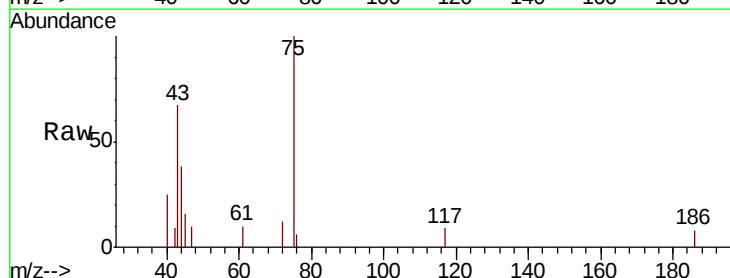
Acq: 9 Aug 2018 15:01

Tgt Ion: 43 Resp: 5940

Ion Ratio Lower Upper

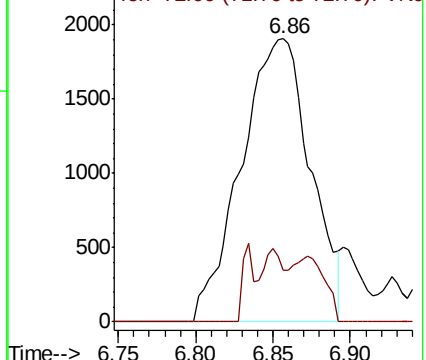
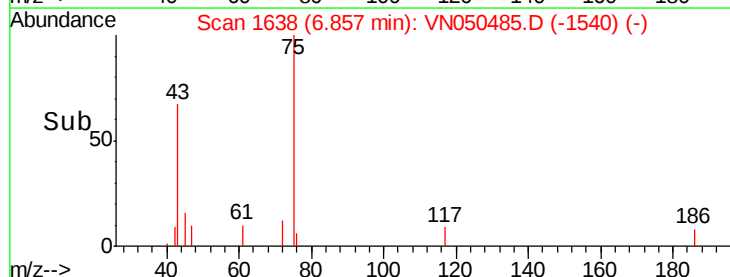
43 100

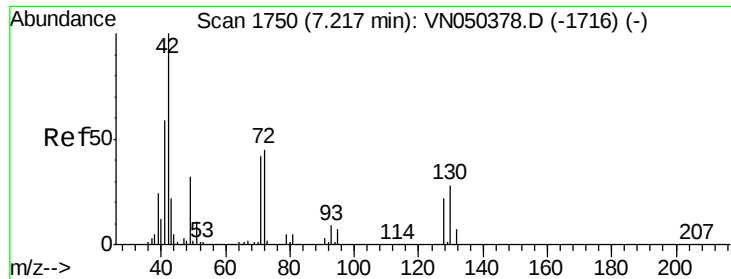
72 18.3 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

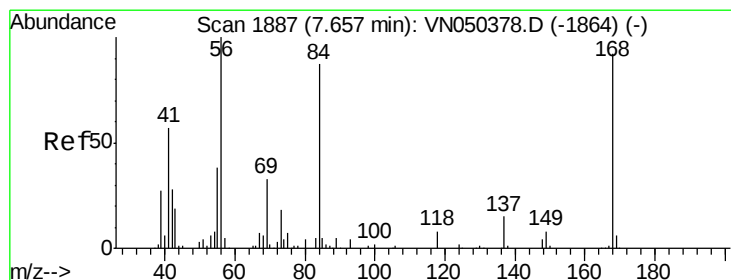
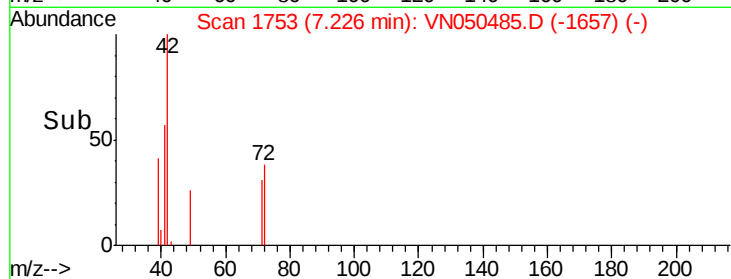
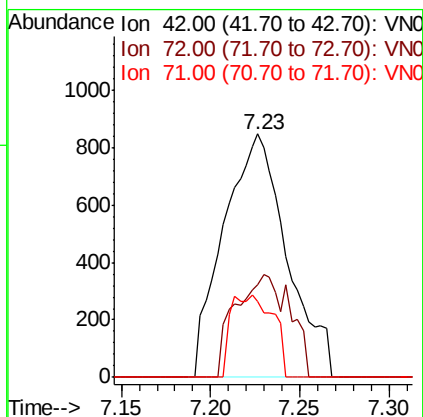
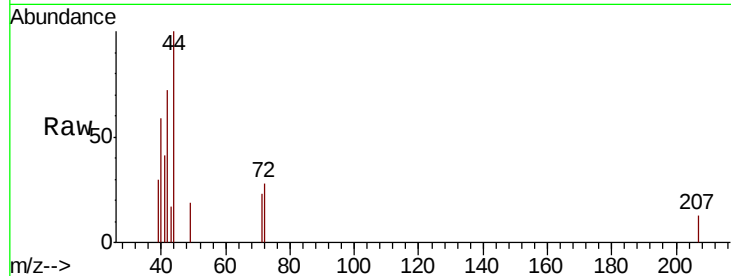




#29
Tetrahydrofuran
Concen: 0.69 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

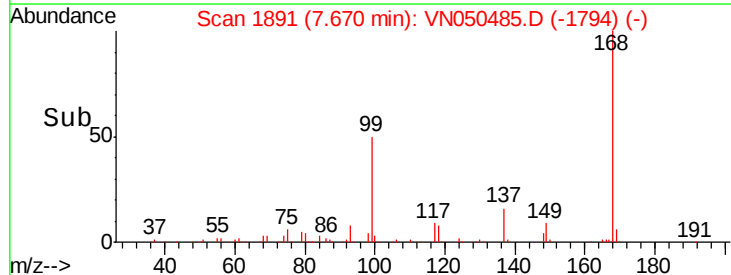
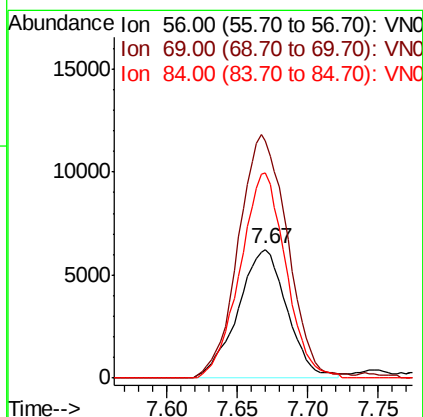
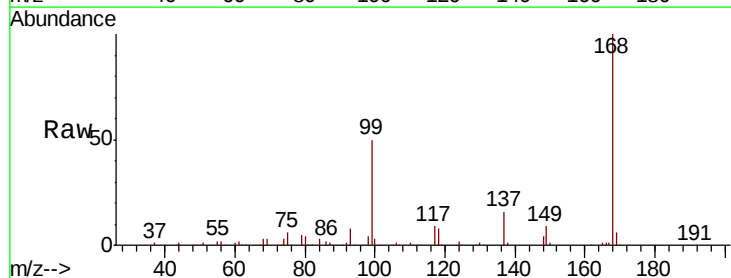
Instrument :
MSVOA_N
ClientSampled :

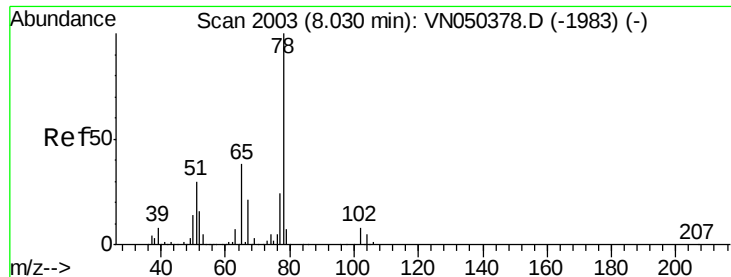
Tot Ion: 42 Resp: 2093
Ion Ratio Lower Upper
42 100
72 36.3 35.9 53.9
71 22.5 33.7 50.5#



#31
Cyclohexane
Concen: 0.30 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

Tgt Ion: 56 Resp: 15180
Ion Ratio Lower Upper
56 100
69 184.6 26.2 39.4#
84 159.7 67.4 101.0#





#33

1,2-Dichloroethane-d4

Concen: 48.20 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

Instrument :

MSVOA_N

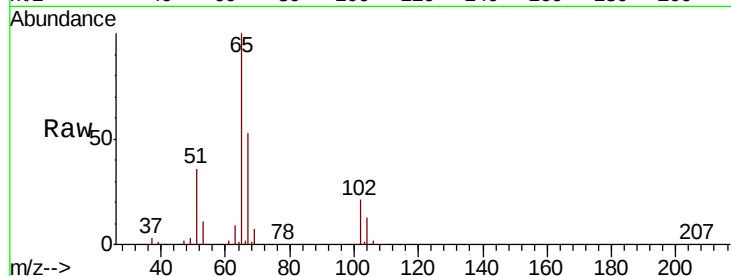
ClientSampleId :

Tot Ion: 65 Resp: 549331

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

250000

200000

150000

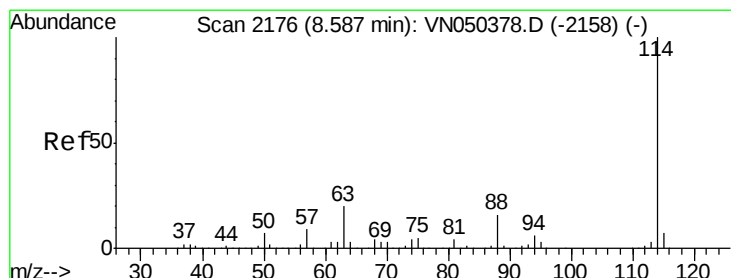
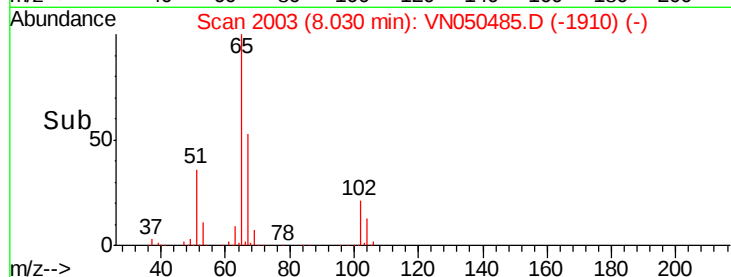
100000

50000

0

Time-->

7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

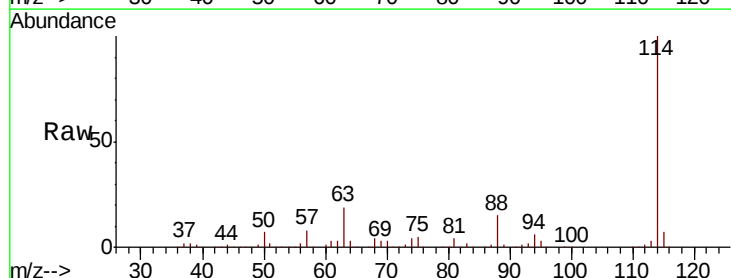
Tgt Ion: 114 Resp: 1340077

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

800000

600000

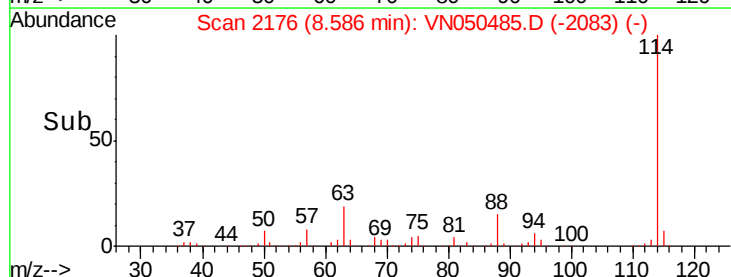
400000

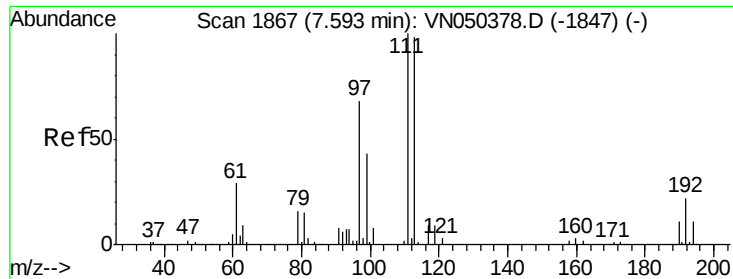
200000

0

Time-->

8.50 8.60 8.70

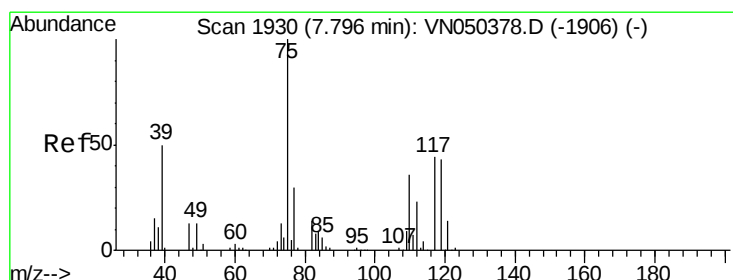
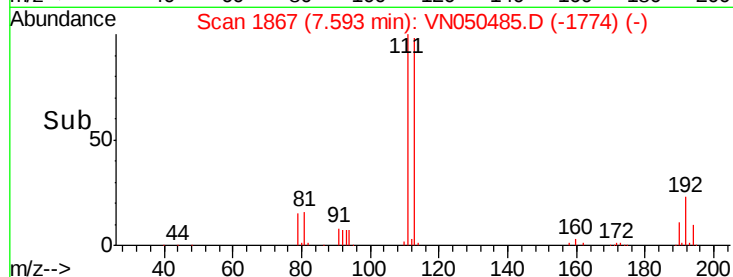
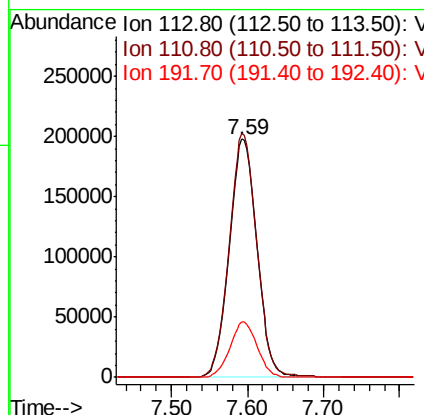
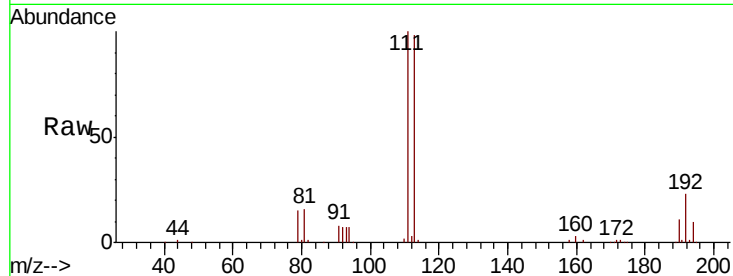




#35
 Dibromofluoromethane
 Concen: 46.79 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050485.D
 Acq: 9 Aug 2018 15:01

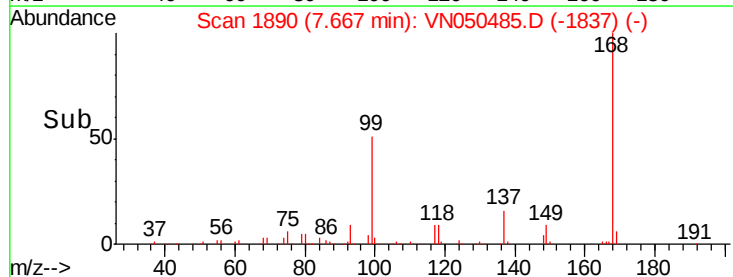
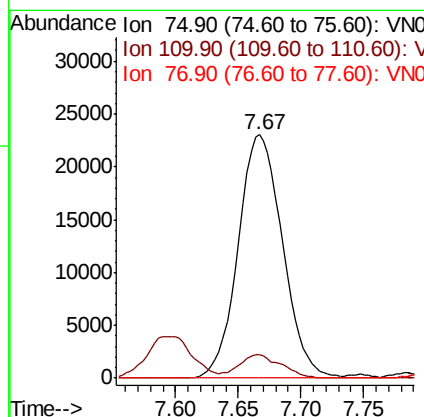
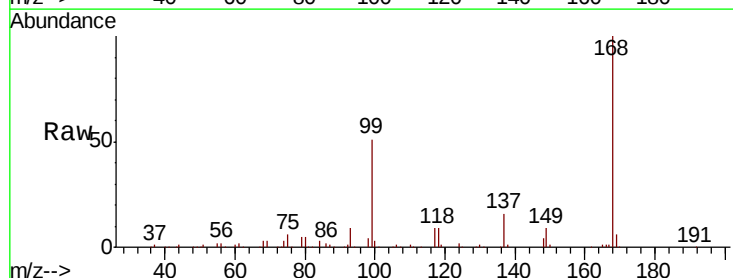
Instrument :
 MSVOA_N
 ClientSampleId :

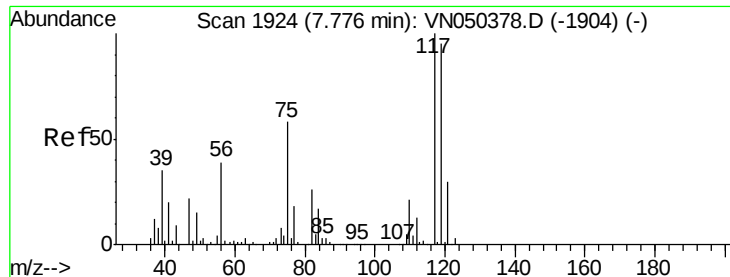
Tot Ion:113 Resp: 503129
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.7 121.1
 192 22.9 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.85 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050485.D
 Acq: 9 Aug 2018 15:01

Tgt Ion: 75 Resp: 56626
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.4 55.2#
 77 0.0 25.3 37.9#

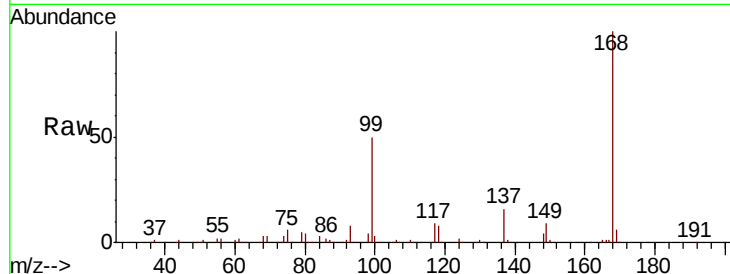




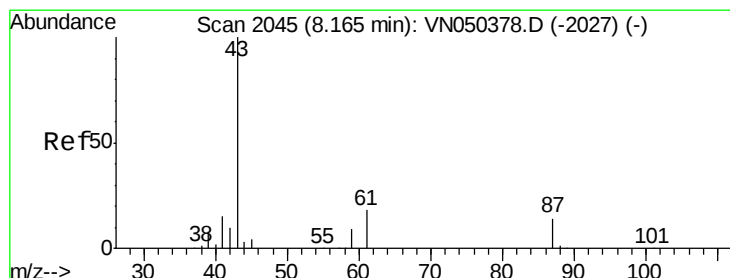
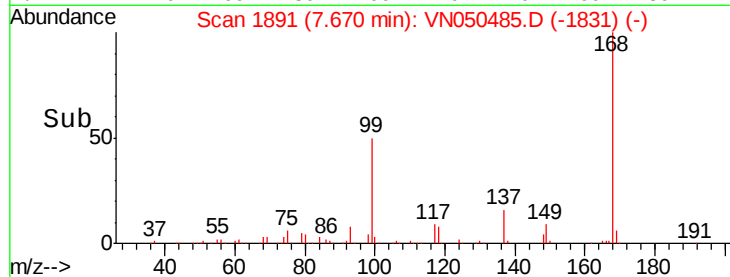
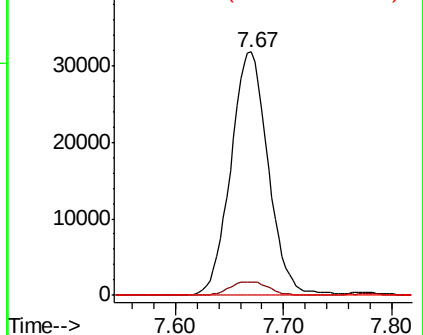
#38
Carbon Tetrachloride
Concen: 4.97 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 76336
Ion Ratio Lower Upper
117 100
119 5.6 77.4 116.0#
121 0.0 23.9 35.9#

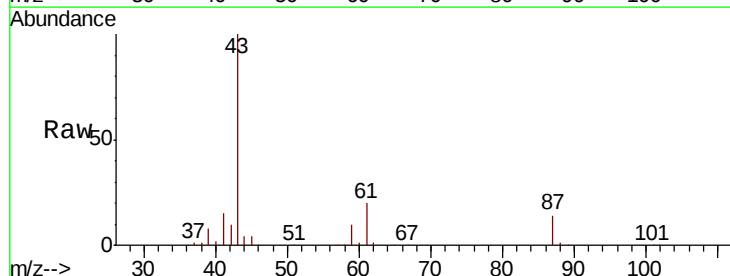


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

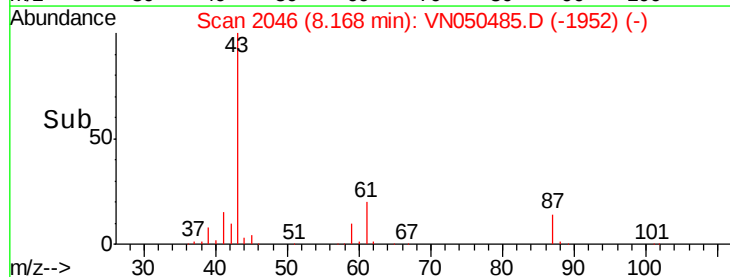
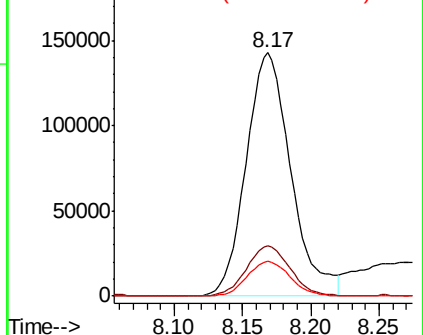


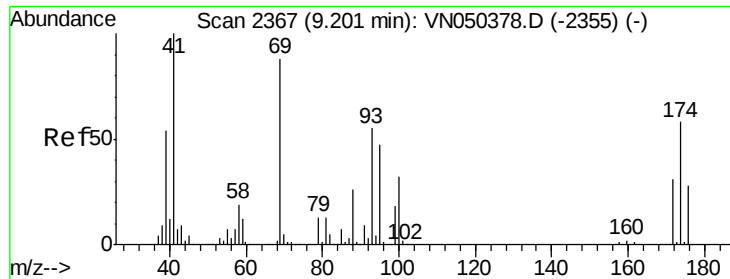
#43
Isopropyl Acetate
Concen: 17.81 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

Tgt Ion: 43 Resp: 325954
Ion Ratio Lower Upper
43 100
61 20.1 15.8 23.6
87 13.9 10.3 15.5



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

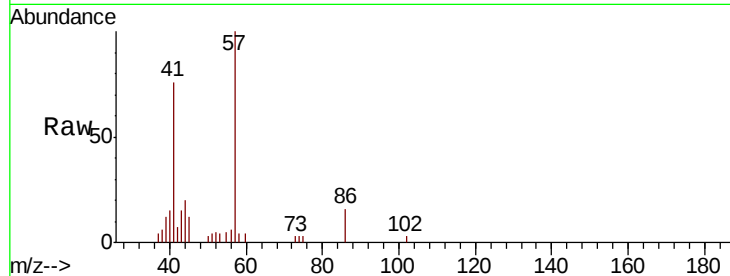




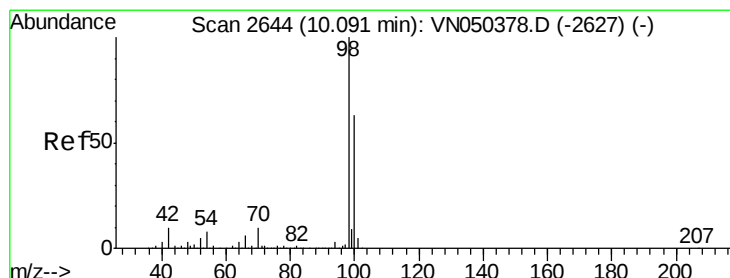
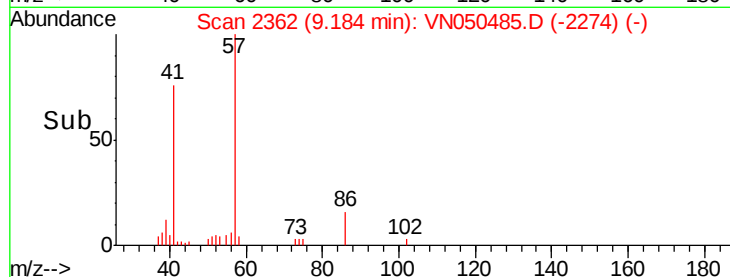
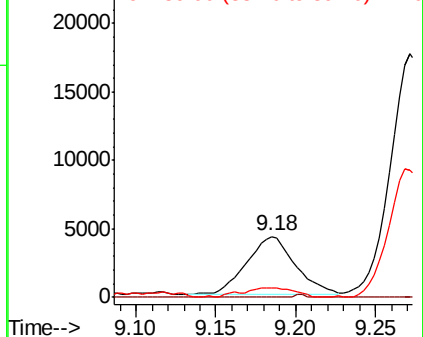
#48
Methyl methacrylate
Concen: 0.96 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 8809
Ion Ratio Lower Upper
41 100
69 0.8 70.6 105.8#
39 17.7 43.9 65.9#

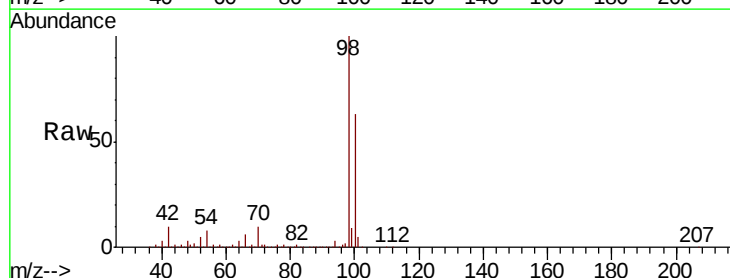


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

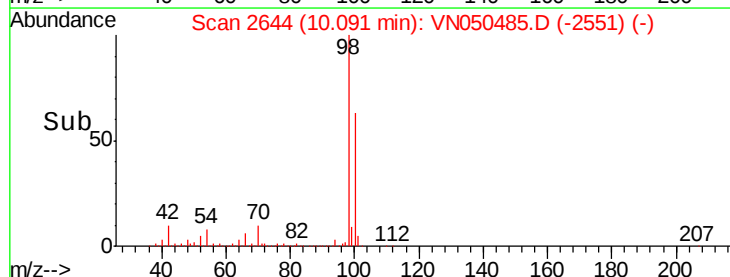
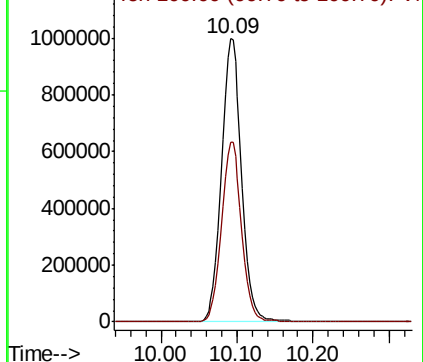


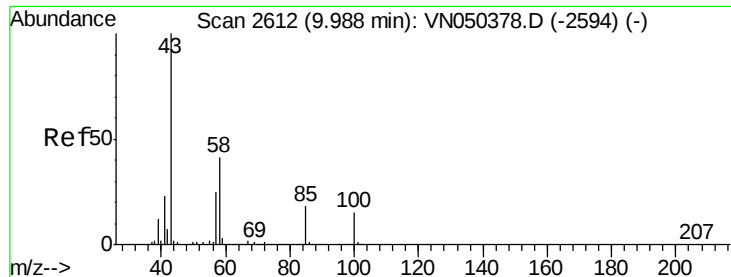
#50
Toluene-d8
Concen: 45.24 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

Tgt Ion: 98 Resp: 1829061
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



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

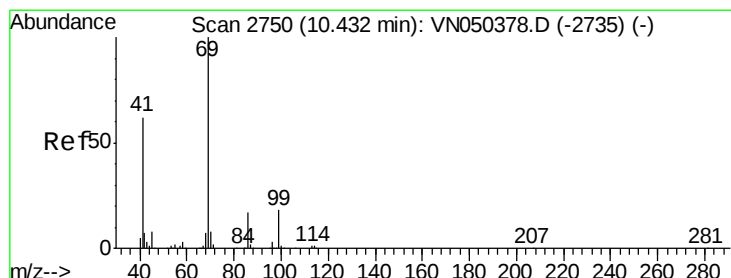
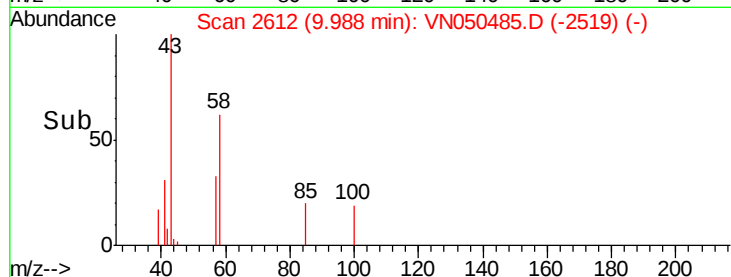
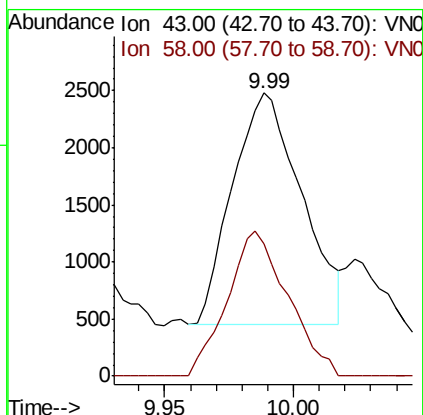
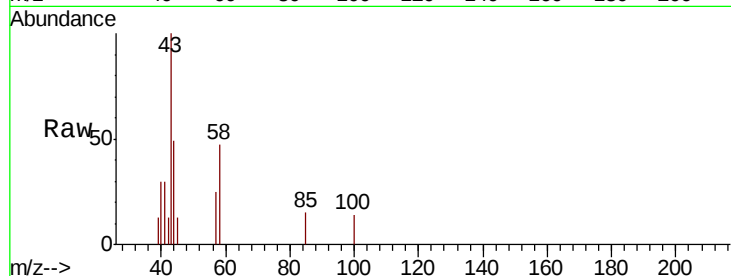




#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. -0.00 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

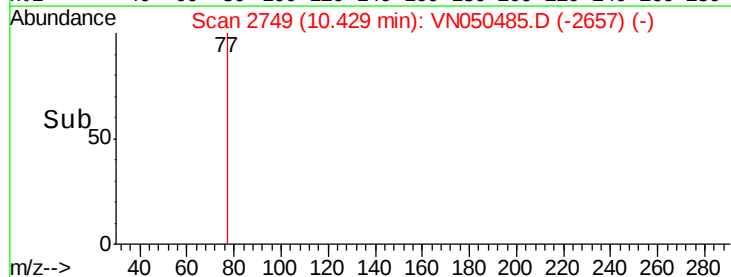
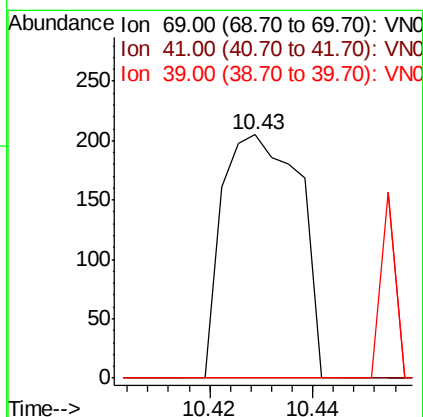
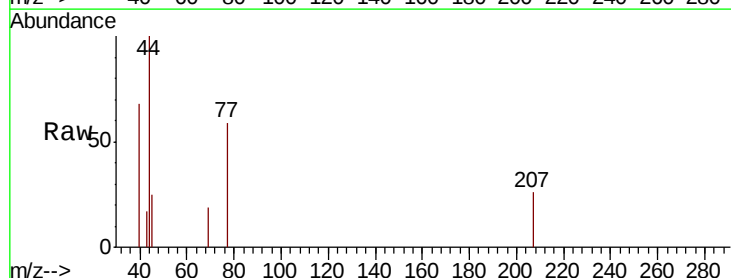
Instrument :
MSVOA_N
ClientSampled :

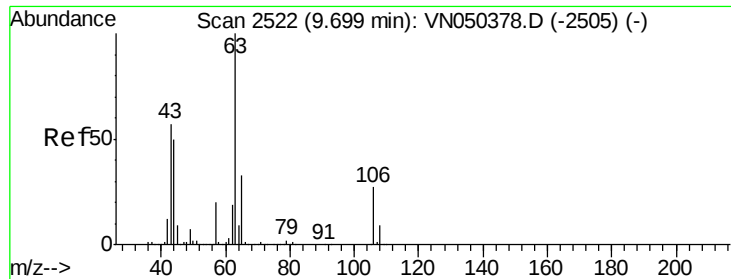
Tot Ion: 43 Resp: 3797
Ion Ratio Lower Upper
43 100
58 54.7 31.9 47.9#



#56
Ethyl methacrylate
Concen: 1.72 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. -0.00 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

Tgt Ion: 69 Resp: 212
Ion Ratio Lower Upper
69 100
41 0.0 51.0 76.4#
39 0.0 26.6 40.0#

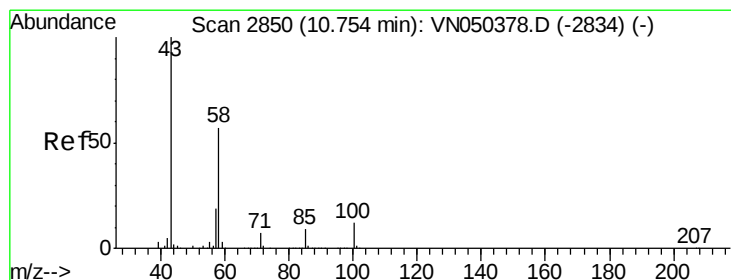
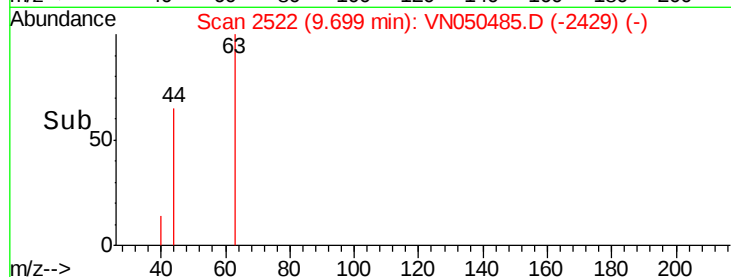
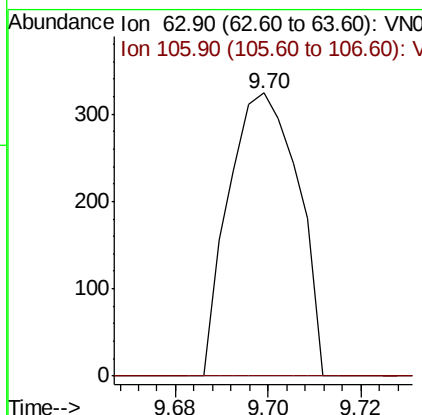
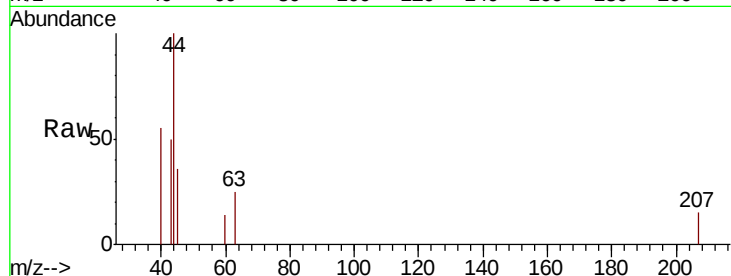




#58
 2-Chloroethyl Vinyl ether
 Concen: 7.44 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: VN050485.D
 Acq: 9 Aug 2018 15:01

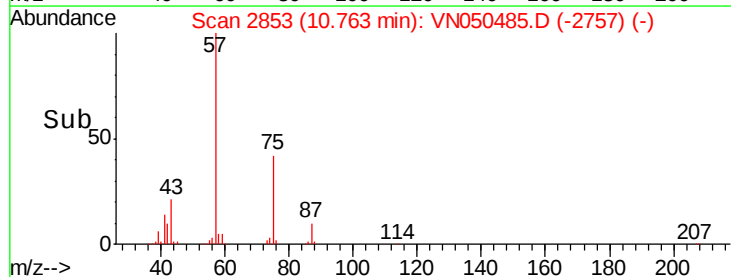
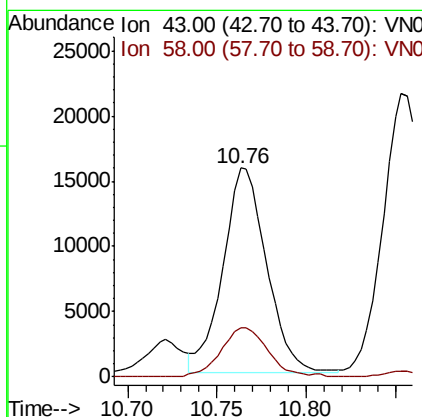
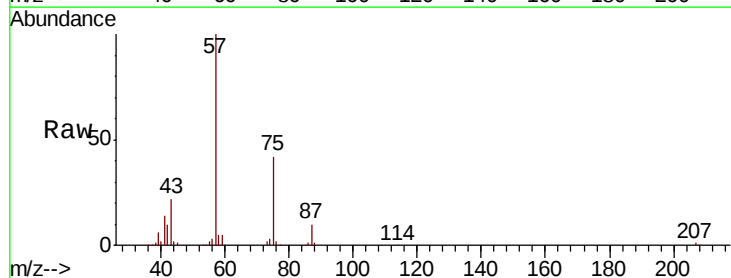
Instrument :
 MSVOA_N
 ClientSampled :

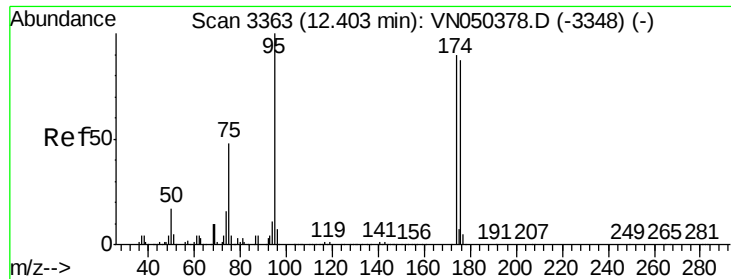
Tot Ion: 63 Resp: 337
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.7 32.5#



#59
 2-Hexanone
 Concen: 2.91 ug/l
 RT: 10.76 min Scan# 2853
 Delta R.T. 0.01 min
 Lab File: VN050485.D
 Acq: 9 Aug 2018 15:01

Tgt Ion: 43 Resp: 26742
 Ion Ratio Lower Upper
 43 100
 58 25.9 27.6 82.7#

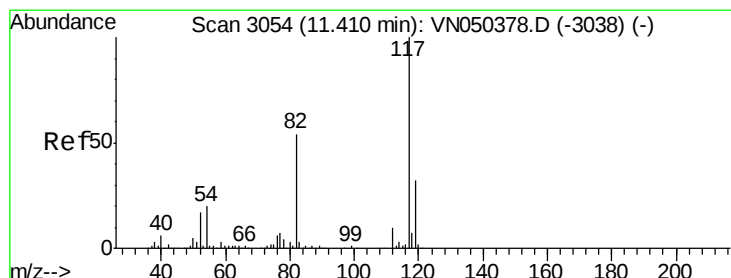
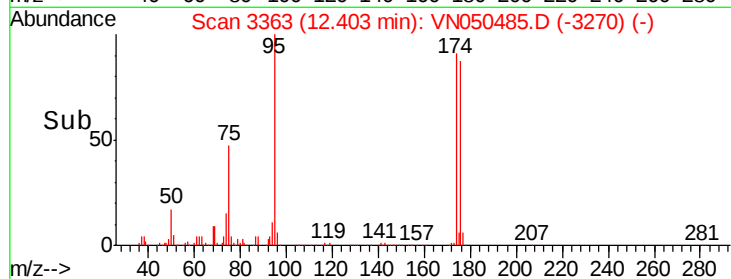
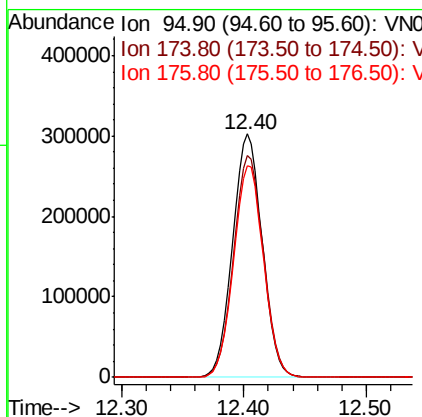
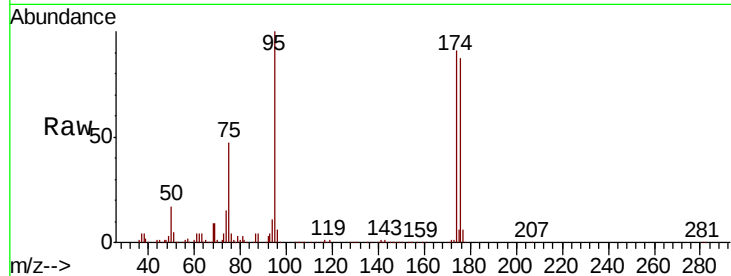




#62
4-Bromofluorobenzene
Concen: 36.92 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

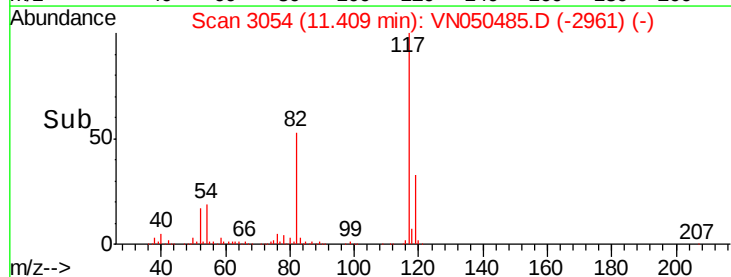
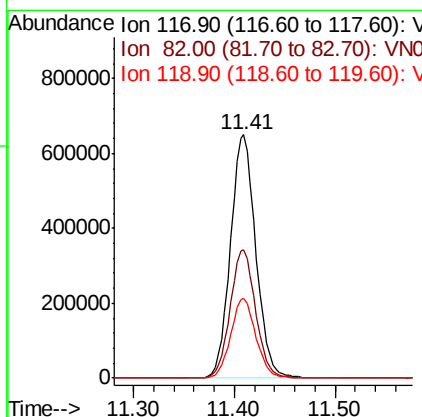
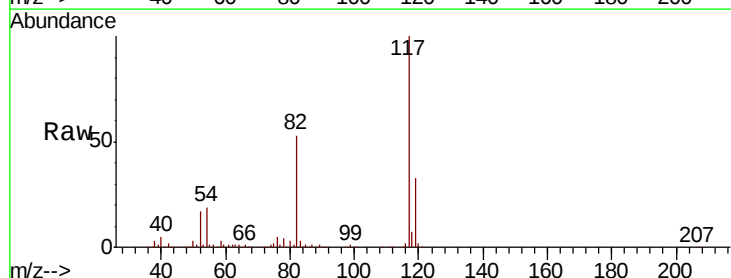
Instrument :
MSVOA_N
ClientSampled :

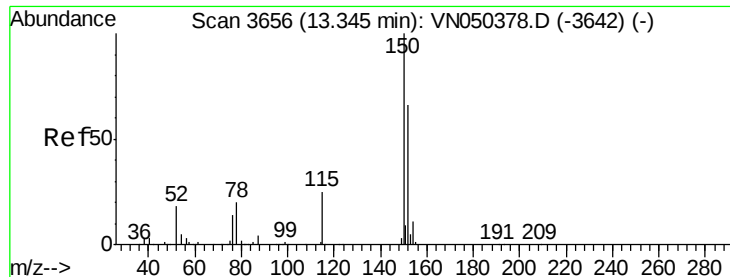
Tot Ion: 95 Resp: 508681
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.2
176 87.9 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

Tgt Ion: 117 Resp: 1136246
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 32.8 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

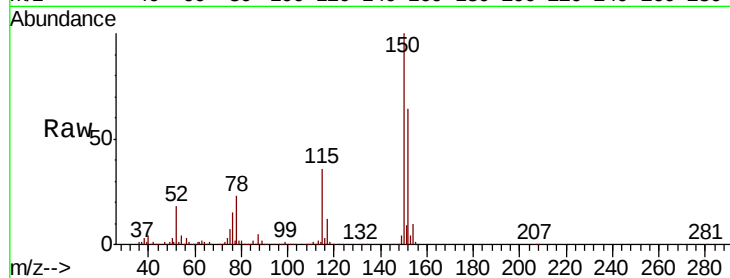
Tot Ion:152 Resp: 410745

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.3

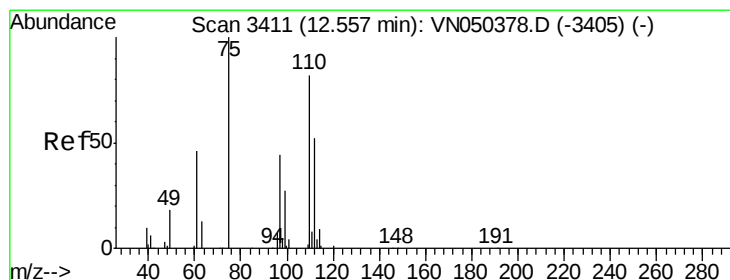
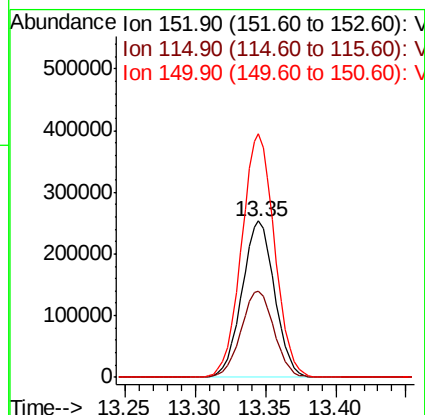
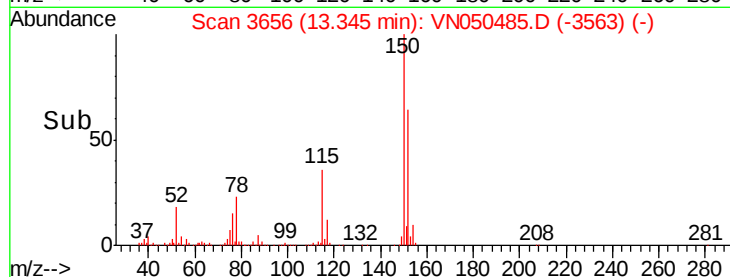
150 156.9 0.0 348.6



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



#76

1,2,3-Trichloropropane

Concen: 32.18 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050485.D

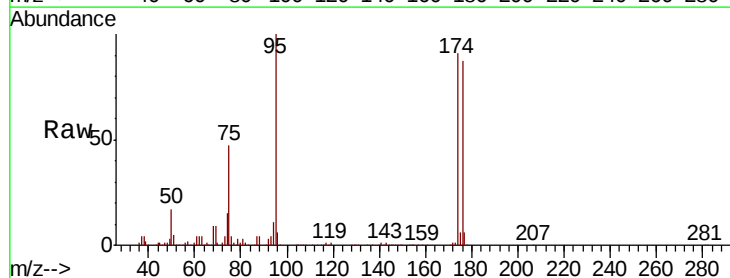
Acq: 9 Aug 2018 15:01

Tgt Ion: 75 Resp: 239241

Ion Ratio Lower Upper

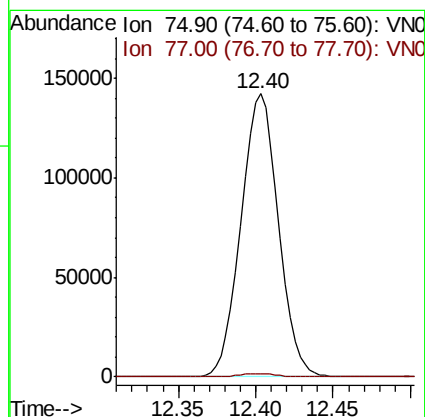
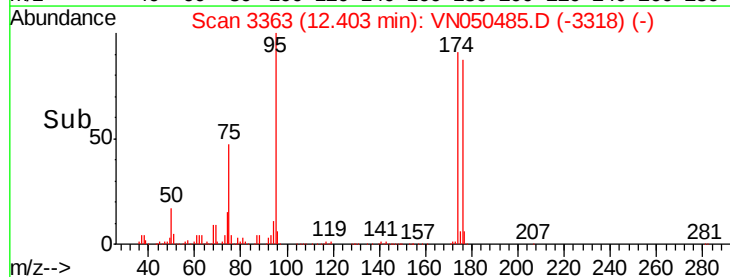
75 100

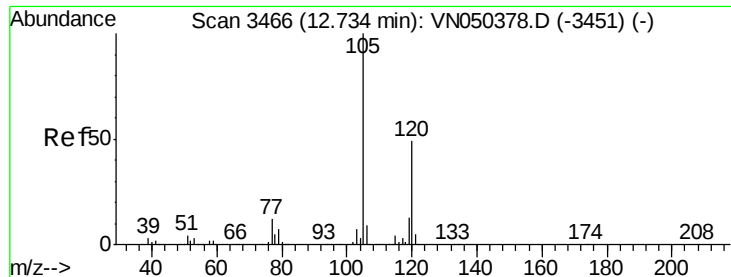
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.25 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

Instrument :

MSVOA_N

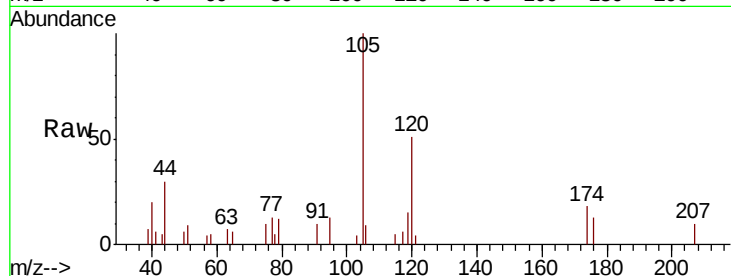
ClientSampled :

Tot Ion:105 Resp: 6224

Ion Ratio Lower Upper

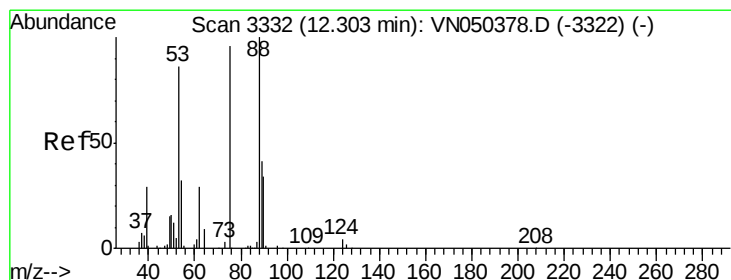
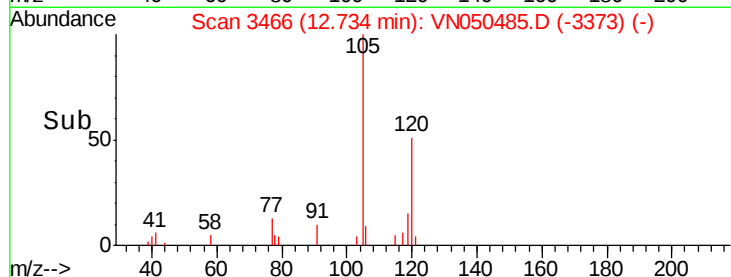
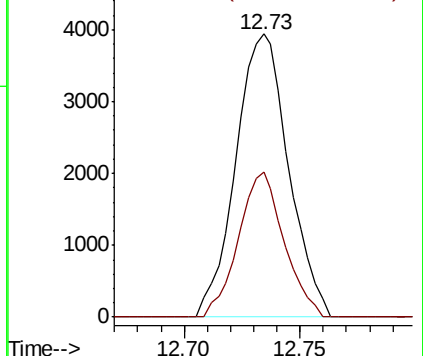
105 100

120 44.2 24.4 73.2



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: 113.06 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

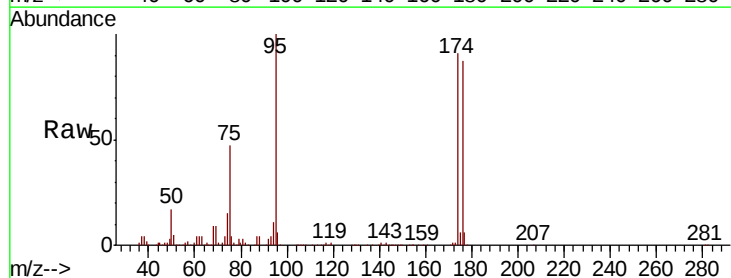
Tgt Ion: 75 Resp: 239241

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

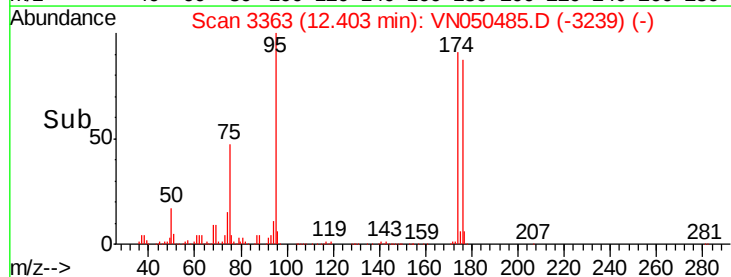
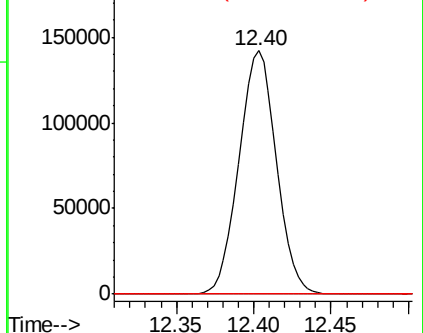
89 0.0 36.0 54.0#

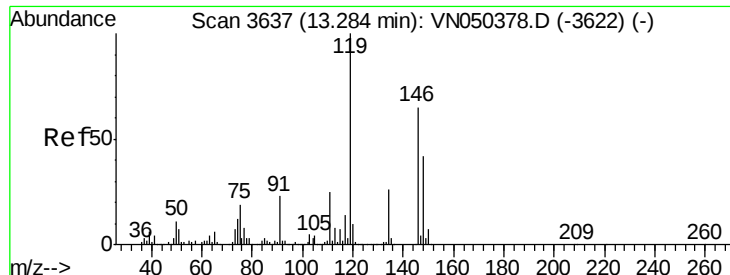


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

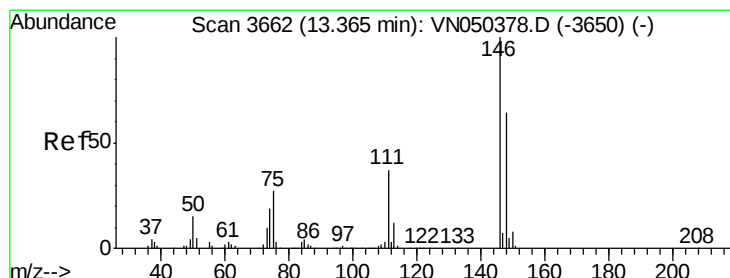
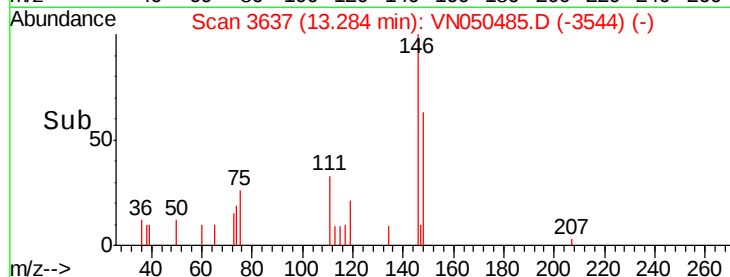
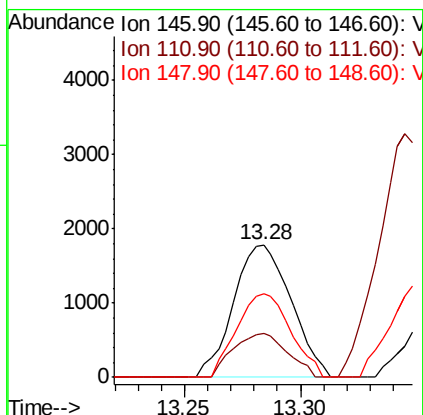
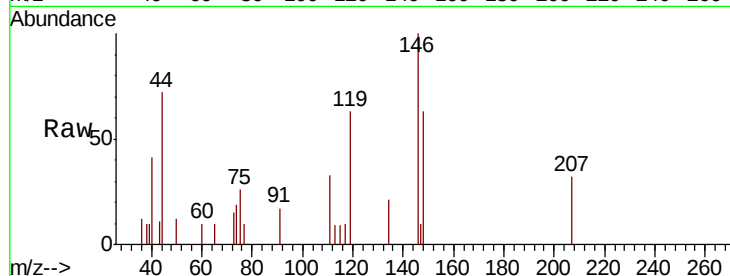




#87
 1,3-Dichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050485.D
 Acq: 9 Aug 2018 15:01

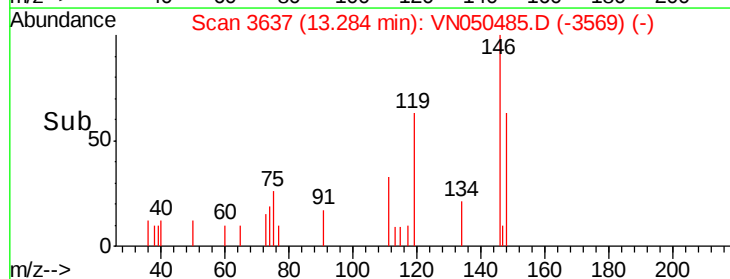
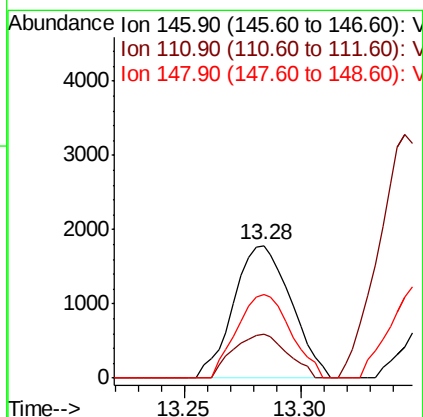
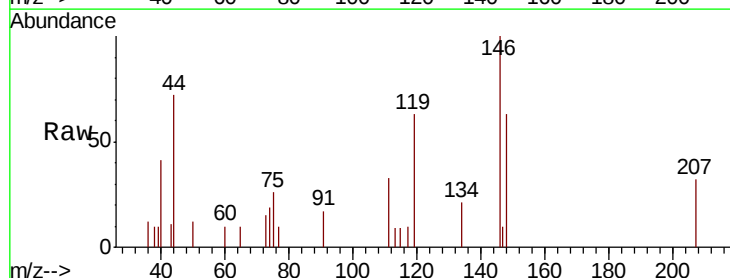
Instrument :
 MSVOA_N
 ClientSampleId :

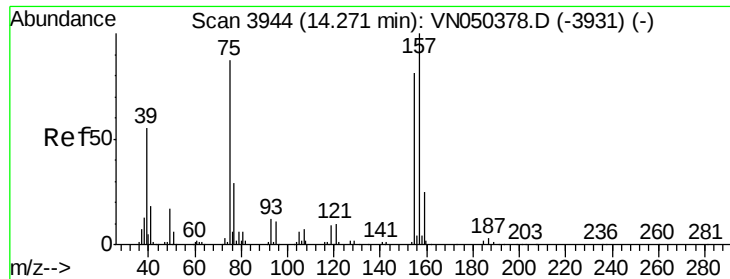
Tot Ion:146 Resp: 3065
 Ion Ratio Lower Upper
 146 100
 111 31.7 18.8 56.4
 148 59.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.08 min
 Lab File: VN050485.D
 Acq: 9 Aug 2018 15:01

Tgt Ion:146 Resp: 3065
 Ion Ratio Lower Upper
 146 100
 111 31.7 18.3 54.9
 148 59.1 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.22 ug/l

RT: 14.26 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

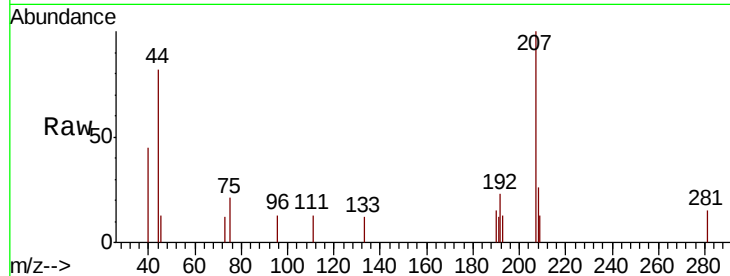
Tot Ion: 75 Resp: 333

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

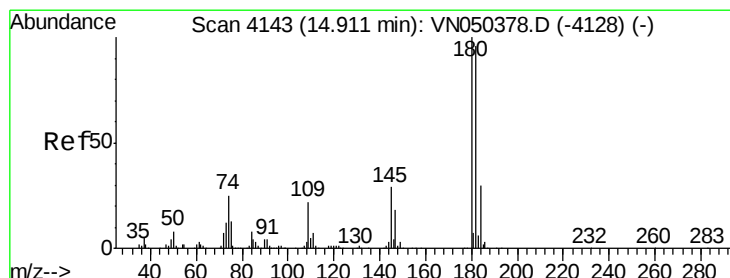
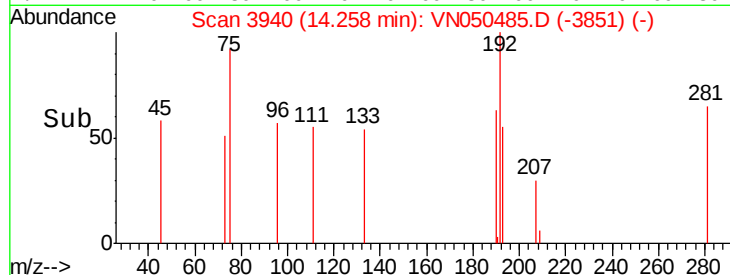
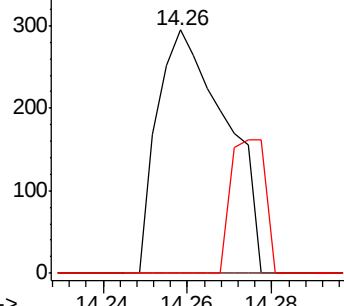
157 27.3 57.2 171.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.54 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

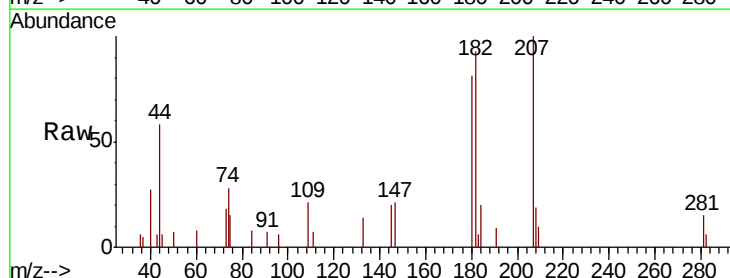
Tgt Ion: 180 Resp: 4024

Ion Ratio Lower Upper

180 100

182 97.1 46.7 140.1

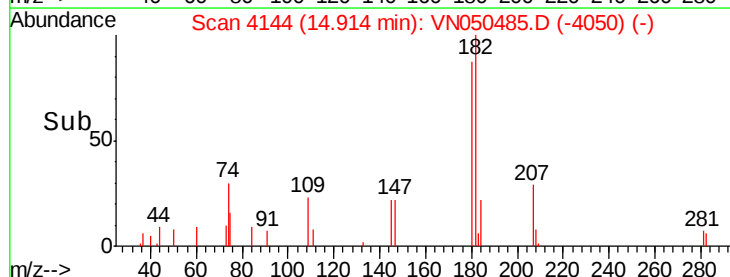
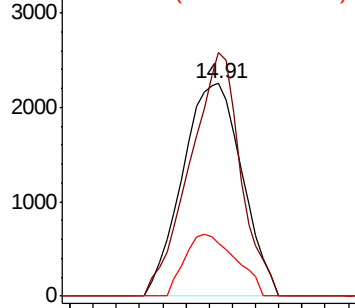
145 24.8 13.8 41.4

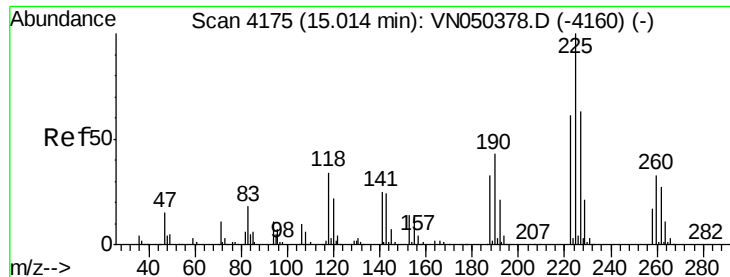


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.02 min Scan# 4176

Delta R.T. 0.00 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

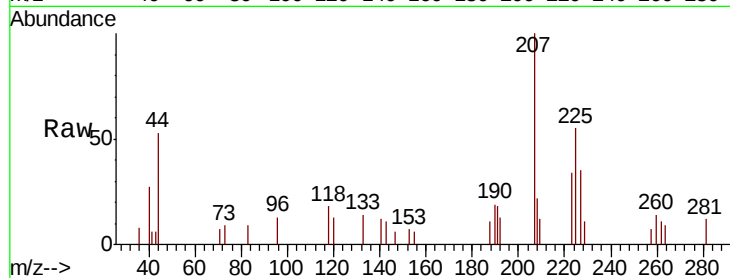
Tot Ion:225 Resp: 2396

Ion Ratio Lower Upper

225 100

223 65.0 31.4 94.2

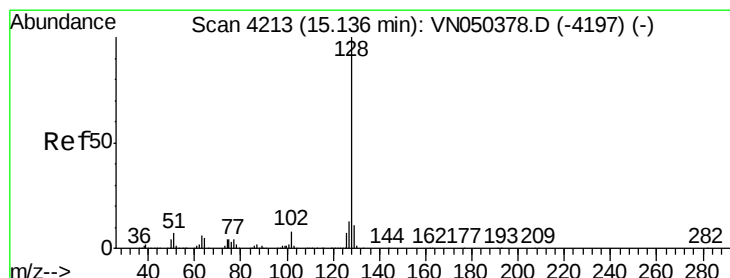
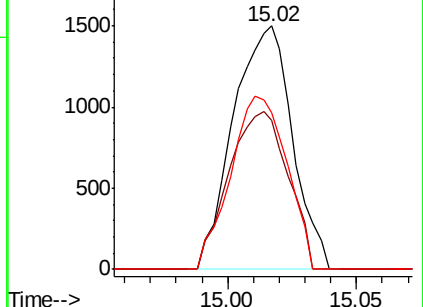
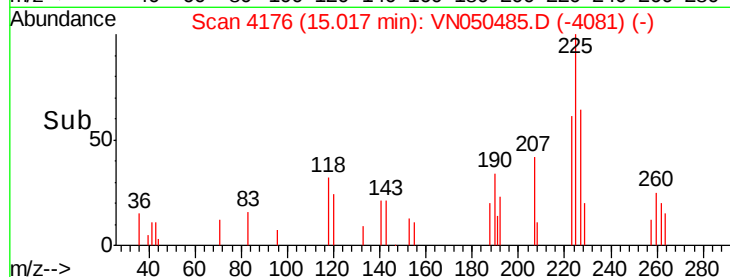
227 67.8 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.10 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

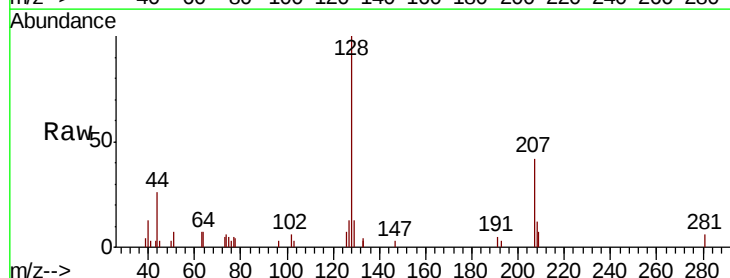
Tgt Ion:128 Resp: 10200

Ion Ratio Lower Upper

128 100

127 12.1 10.4 15.6

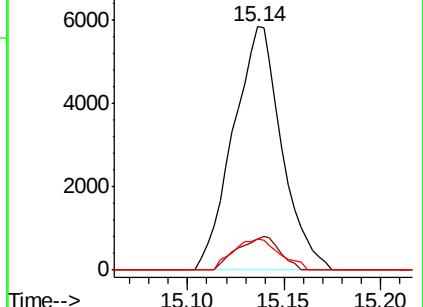
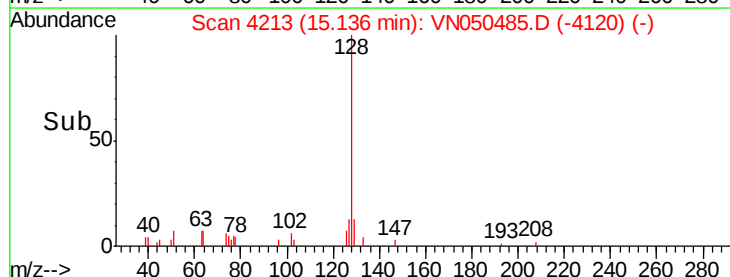
129 12.3 8.8 13.2

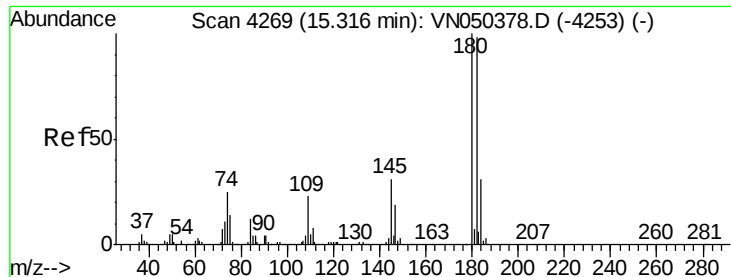


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.60 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

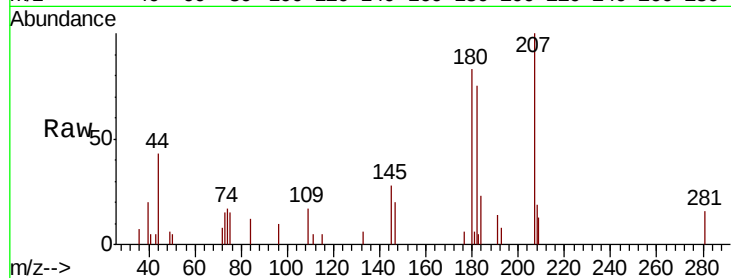
Tot Ion:180 Resp: 4536

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.4

145 29.0 15.3 45.9



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

