

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051190.D
 Acq On : 14 Sep 2018 15:12
 Operator : MD\SY
 Sample : PB112829TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829TB

Quant Time: Sep 15 00:07:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	560212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	889687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	724582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	193586	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	340882	54.68	ug/l	0.00
Spiked Amount			Recovery	=	109.36%	
35) Dibromofluoromethane	7.59	113	342301	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
50) Toluene-d8	10.09	98	1200720	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	12.40	95	285585	34.03	ug/l	0.00
Spiked Amount			Recovery	=	68.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2455	Below Cal		89
5) Bromomethane	2.57	94	3226	Below Cal		82
10) Methyl Iodide	3.95	142	1213	5.81	ug/l #	55
13) Acrolein	3.62	56	199	24.59	ug/l #	13
16) Acetone	3.82	43	40422	20.87	ug/l	96
17) Carbon Disulfide	4.05	76	4486	0.37	ug/l #	76
18) Methyl Acetate	4.34	43	8511	1.70	ug/l #	73
20) Methylene Chloride	4.56	84	7303	1.06	ug/l	93
25) 2-Butanone	6.85	43	7957	3.25	ug/l	93
29) Tetrahydrofuran	7.23	42	1658	1.08	ug/l #	61
31) Cyclohexane	7.67	56	8844	0.64	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	36434	3.73	ug/l #	47
37) Ethyl Acetate	6.85	43	7957	1.41	ug/l #	73
38) Carbon Tetrachloride	7.67	117	47770	4.97	ug/l #	17
41) Methacrylonitrile	7.21	41	618	0.21	ug/l #	35
43) Isopropyl Acetate	8.17	43	226424	22.68	ug/l #	87
48) Methyl methacrylate	9.18	41	6233	1.28	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	3363	0.61	ug/l	96
56) Ethyl methacrylate	10.44	69	100	2.47	ug/l #	40
58) 2-Chloroethyl Vinyl ether	9.70	63	64	15.24	ug/l #	47
59) 2-Hexanone	10.77	43	14128	3.77	ug/l	64
74) N-amyl acetate	12.07	43	1566	0.38	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.50	83	562	Below Cal	#	58
76) 1,2,3-Trichloropropane	12.40	75	133355	44.26	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4919	0.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	133355	130.83	ug/l #	15
87) 1,3-Dichlorobenzene	13.28	146	2021	0.27	ug/l	97
88) 1,4-Dichlorobenzene	13.28	146	2021	0.31	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	2138	0.30	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	14.26	75	224	1.05	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.91	180	2799	4.72	ug/l	93
94) Hexachlorobutadiene	15.01	225	1500	Below Cal		91
95) Naphthalene	15.14	128	7063	6.21	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.31	180	3293	3.88	ug/l	95

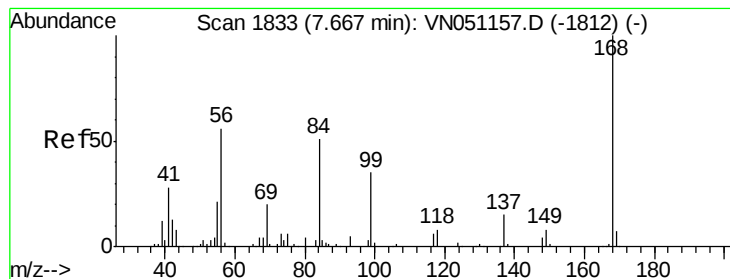
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
Data File : VN051190.D
Acq On : 14 Sep 2018 15:12
Operator : MD\SY
Sample : PB112829TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB112829TB

Quant Time: Sep 15 00:07:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampled :

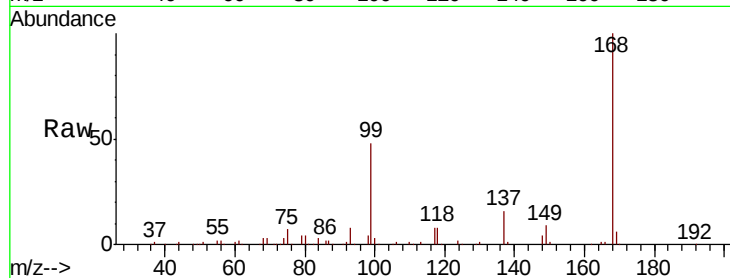
PB112829TB

Tot Ion:168 Resp: 560212

Ion Ratio Lower Upper

168 100

99 48.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)

7.67

250000

200000

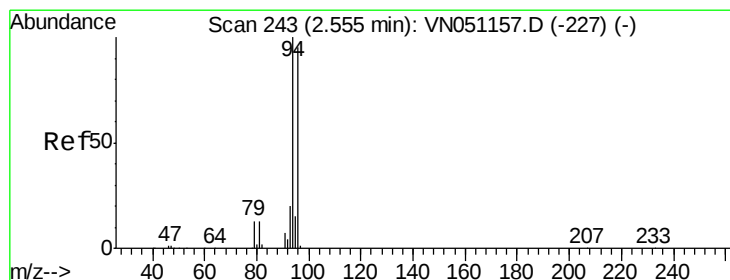
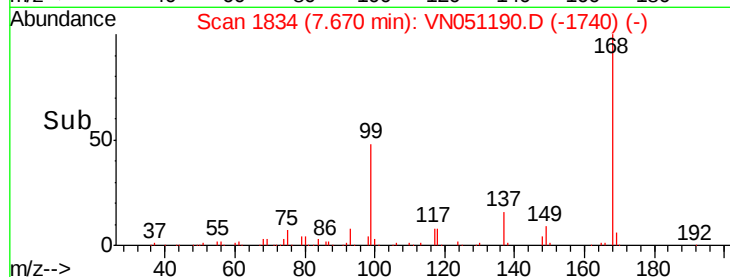
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051190.D

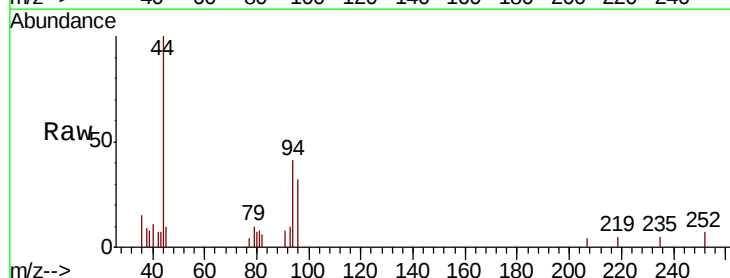
Acq: 14 Sep 2018 15:12

Tgt Ion: 94 Resp: 3226

Ion Ratio Lower Upper

94 100

96 77.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051157.D (-227) (-)

Ion 95.90 (95.60 to 96.60): VN051157.D (-227) (-)

2.57

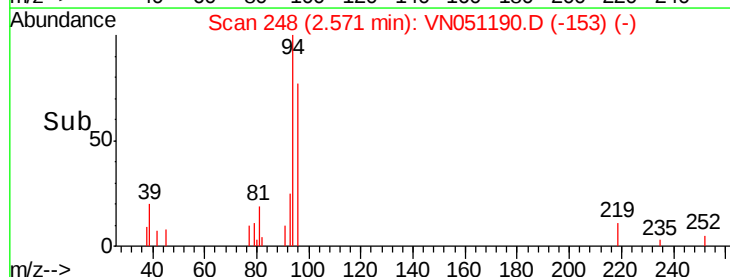
1500

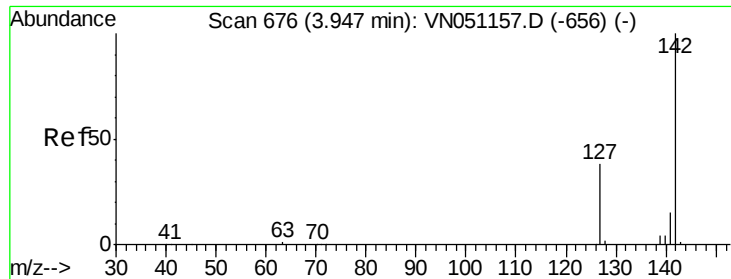
1000

500

0

Time-->

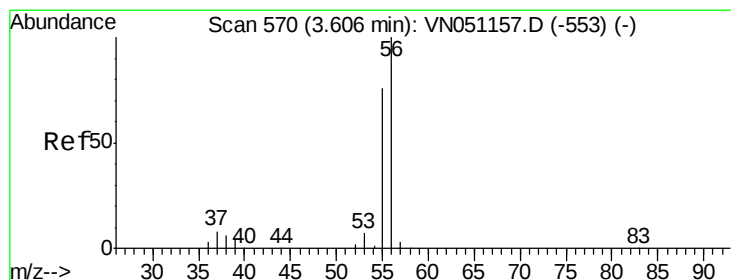
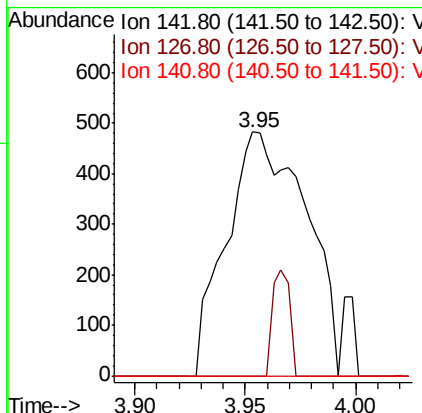
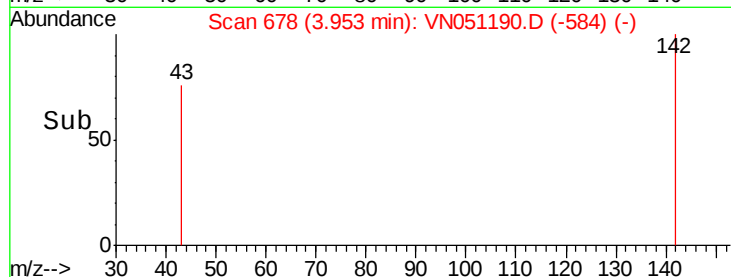
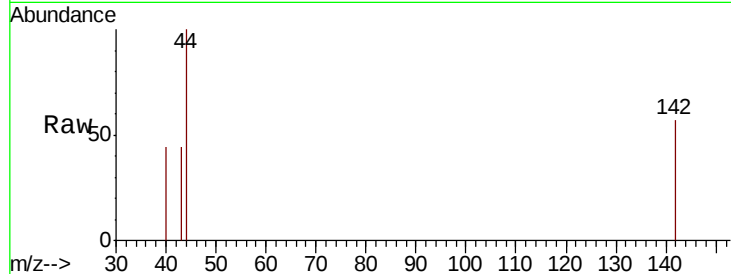




#10
Methvl Iodide
Concen: 5.81 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

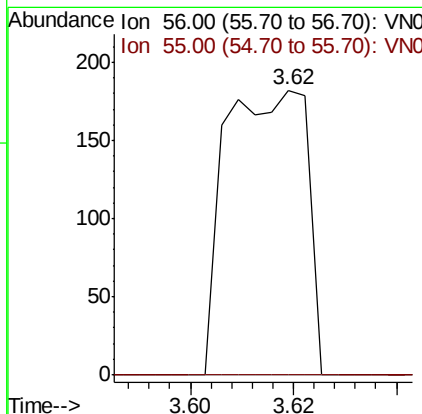
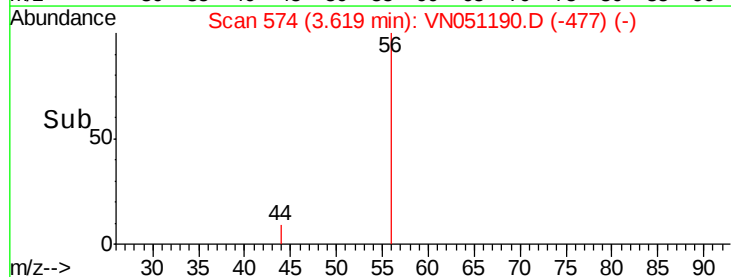
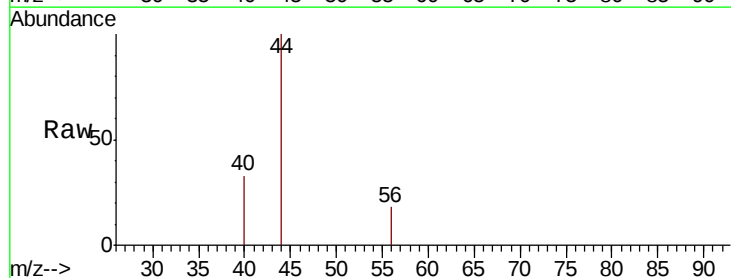
Instrument :
MSVOA_N
ClientSampleId :
PB112829TB

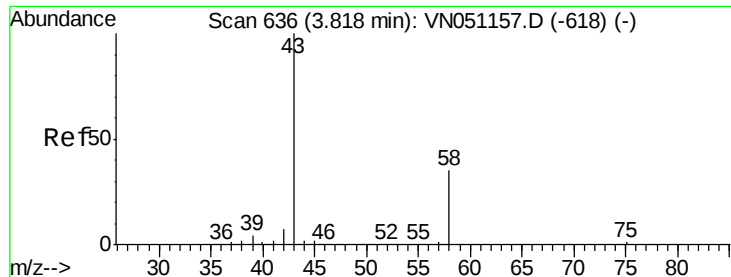
Tot Ion:142 Resp: 1213
Ion Ratio Lower Upper
142 100
127 9.2 31.0 46.4#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 24.59 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

Tgt Ion: 56 Resp: 199
Ion Ratio Lower Upper
56 100
55 0.0 58.0 87.0#





#16

Acetone

Concen: 20.87 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

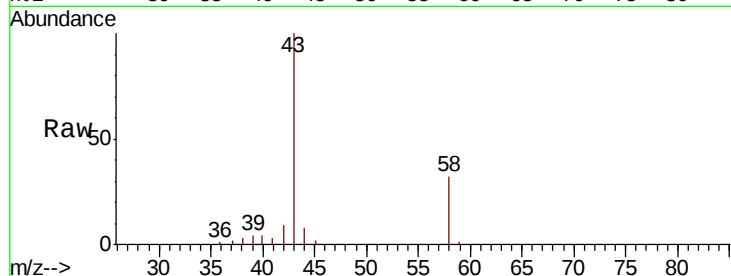
PB112829TB

Tot Ion: 43 Resp: 40422

Ion Ratio Lower Upper

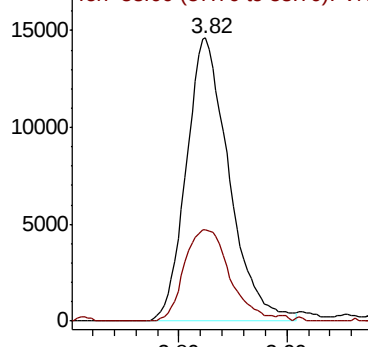
43 100

58 32.3 27.8 41.6

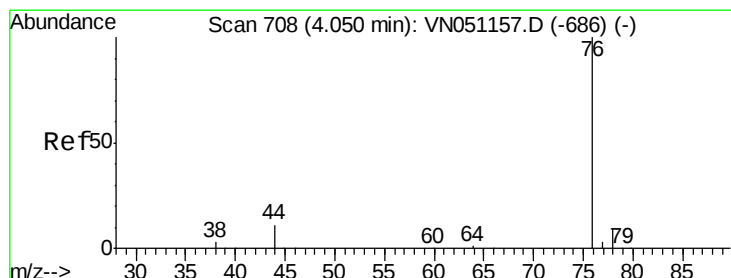
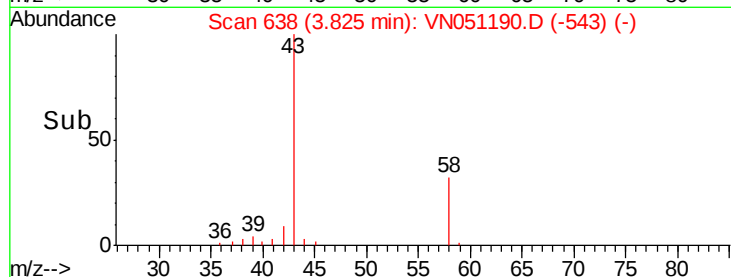


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#17

Carbon Disulfide

Concen: 0.37 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051190.D

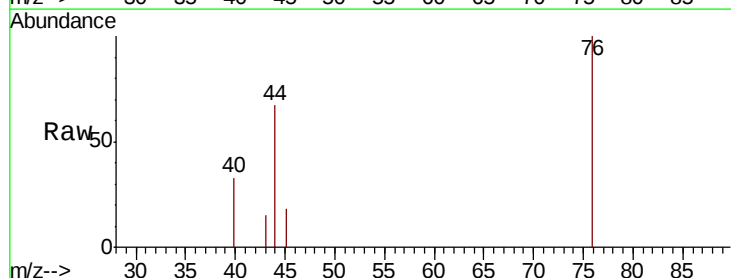
Acq: 14 Sep 2018 15:12

Tgt Ion: 76 Resp: 4486

Ion Ratio Lower Upper

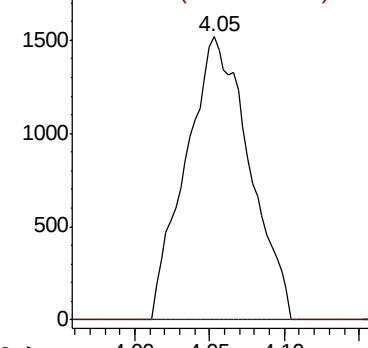
76 100

78 0.0 7.0 10.6#

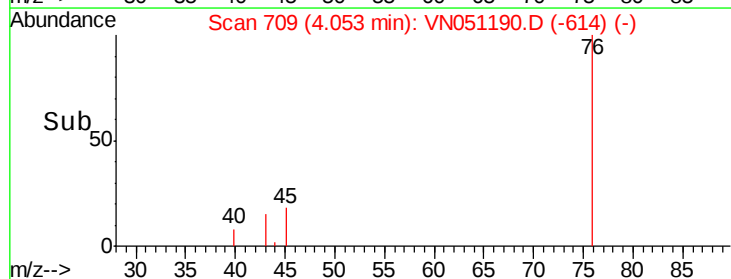


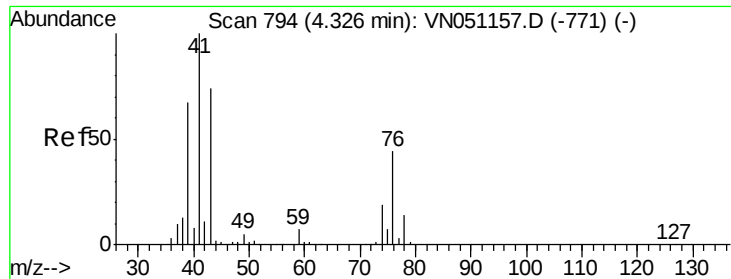
Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->

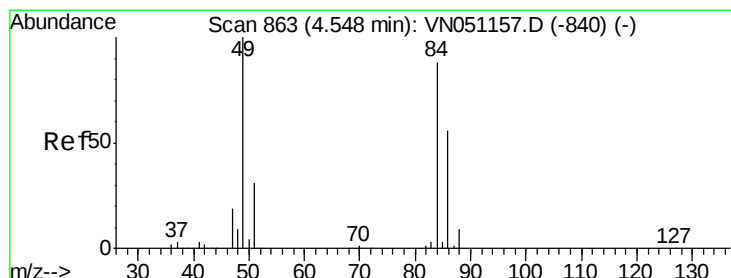
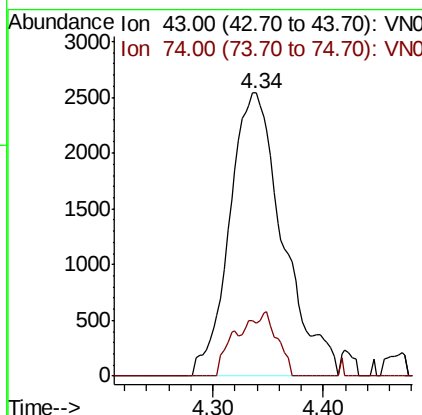
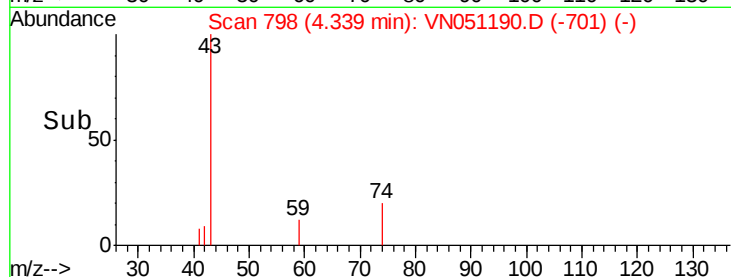
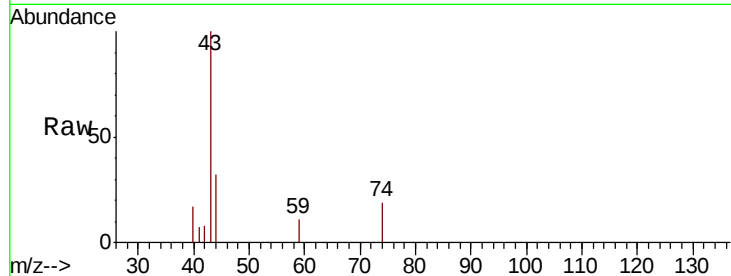




#18
Methyl Acetate
Concen: 1.70 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

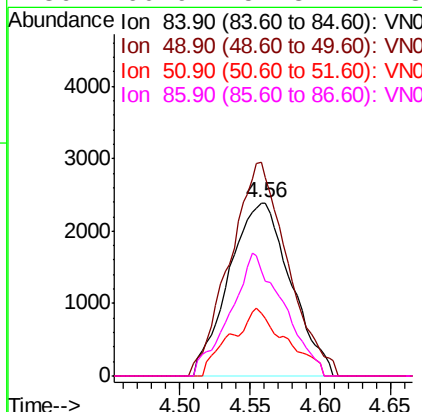
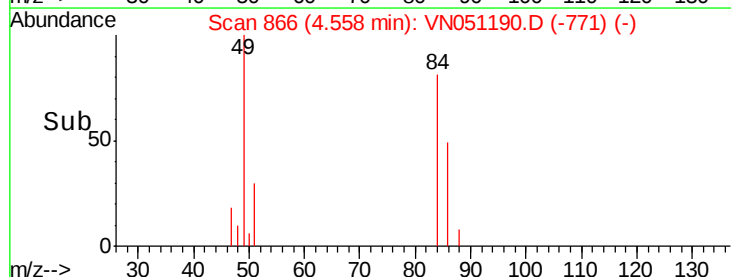
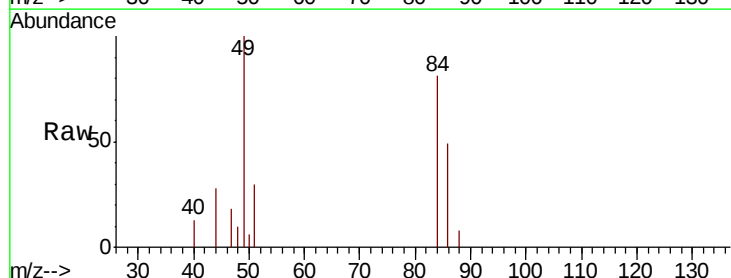
Instrument :
MSVOA_N
ClientSampled :
PB112829TB

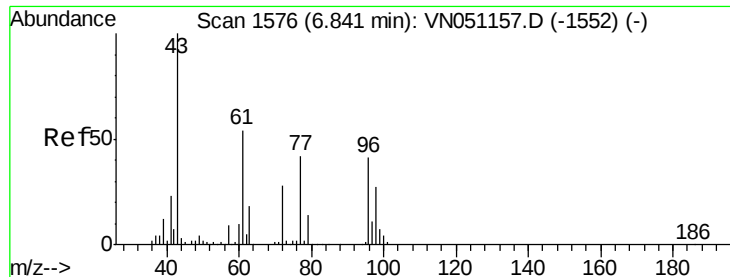
Tot Ion: 43 Resp: 8511
Ion Ratio Lower Upper
43 100
74 12.2 20.7 31.1#



#20
Methylene Chloride
Concen: 1.06 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

Tgt Ion: 84 Resp: 7303
Ion Ratio Lower Upper
84 100
49 123.5 90.2 135.2
51 36.6 28.4 42.6
86 60.9 51.8 77.8

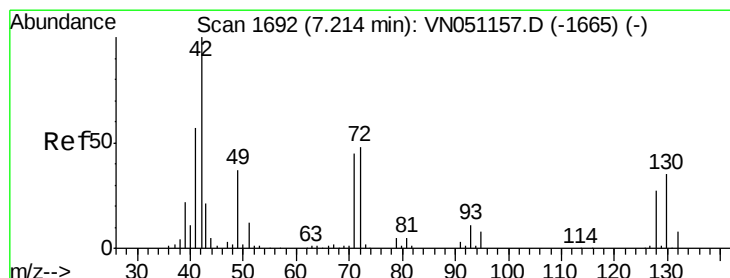
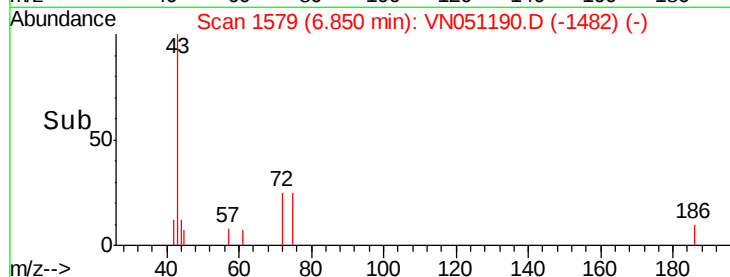
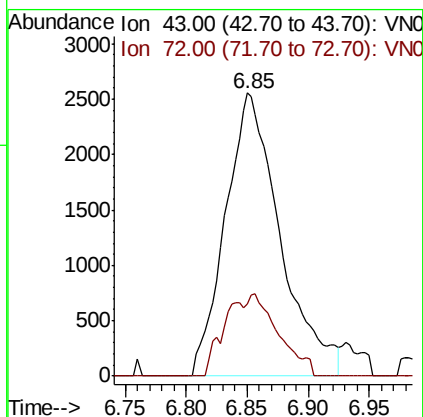
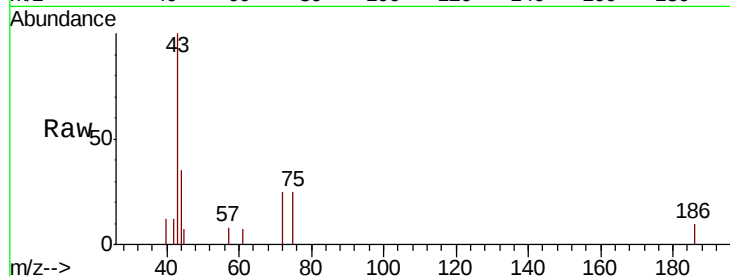




#25
2-Butanone
Concen: 3.25 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

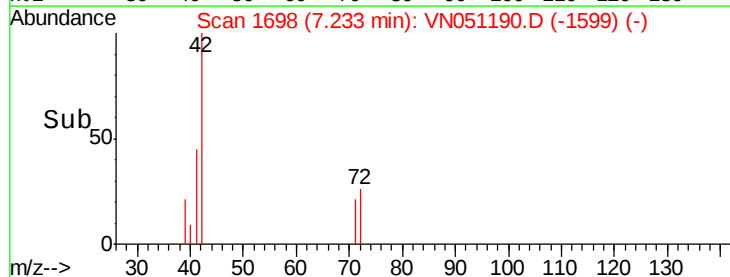
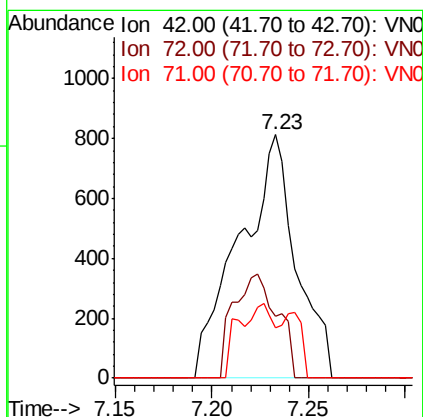
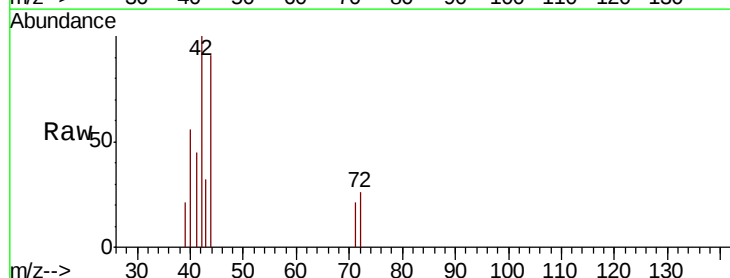
Instrument :
MSVOA_N
ClientSampled :
PB112829TB

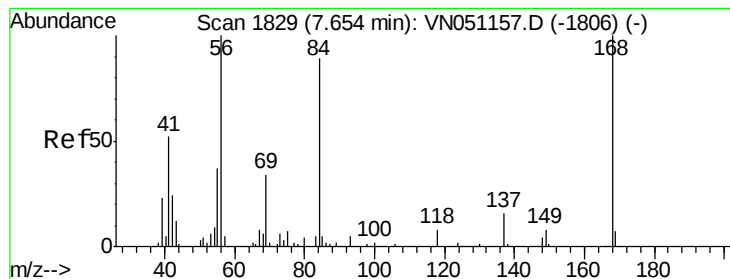
Tot Ion: 43 Resp: 7957
Ion Ratio Lower Upper
43 100
72 25.3 23.0 34.6



#29
Tetrahydrofuran
Concen: 1.08 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.02 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

Tgt Ion: 42 Resp: 1658
Ion Ratio Lower Upper
42 100
72 32.8 37.4 56.0#
71 5.3 34.7 52.1#





#31

Cyclohexane

Concen: 0.64 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleID :

PB112829TB

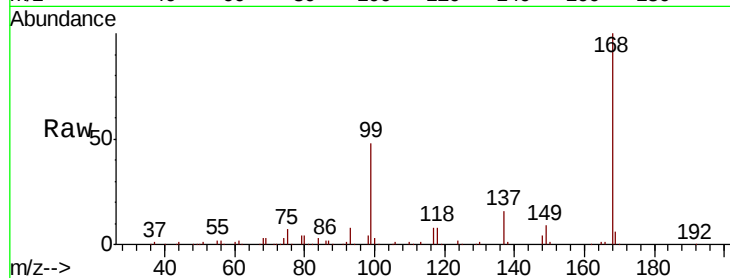
Tot Ion: 56 Resp: 8844

Ion Ratio Lower Upper

56 100

69 190.1 26.3 39.5#

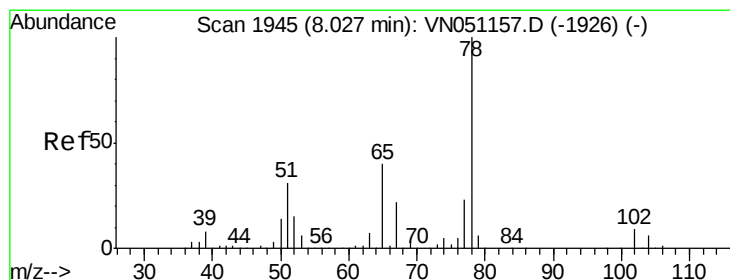
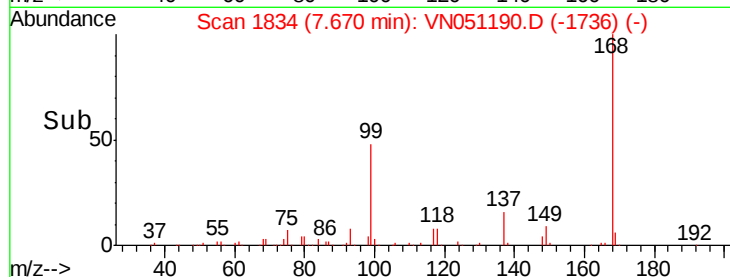
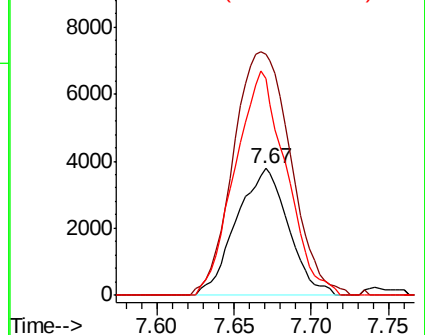
84 171.6 69.4 104.0#



Abundance Ion 56.00 (55.70 to 56.70): VN051157.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN051157.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN051157.D (-1806) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.68 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051190.D

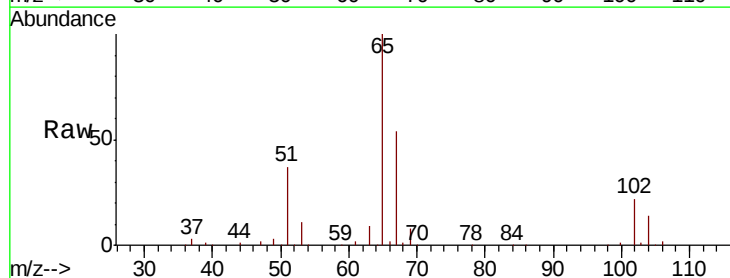
Acq: 14 Sep 2018 15:12

Tgt Ion: 65 Resp: 340882

Ion Ratio Lower Upper

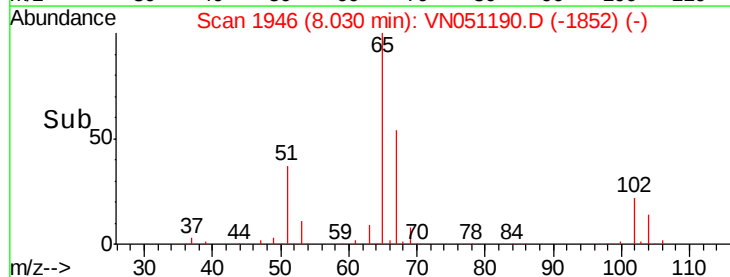
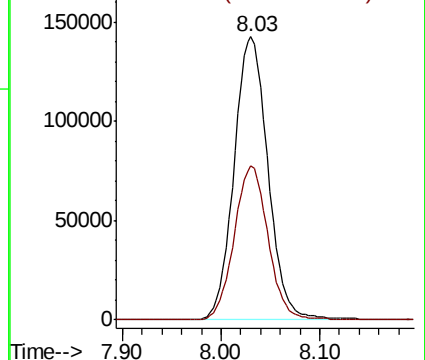
65 100

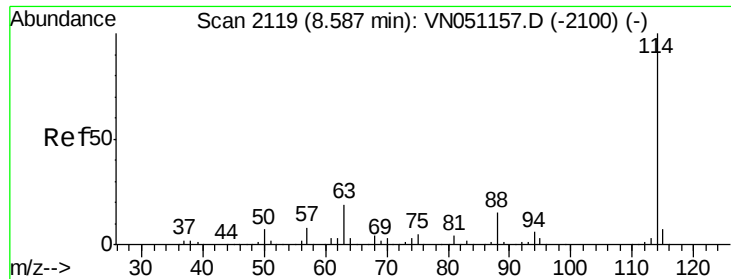
67 54.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN051157.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051157.D (-1926) (-)

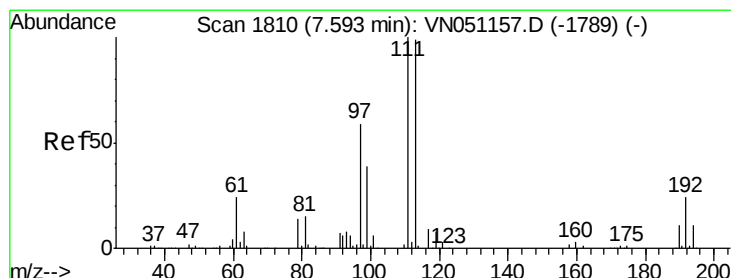
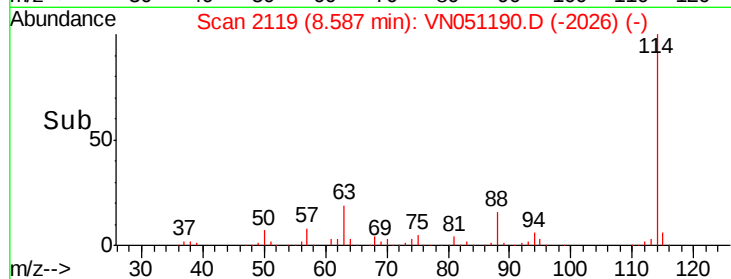
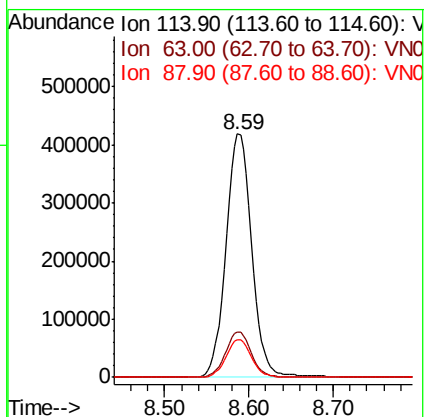
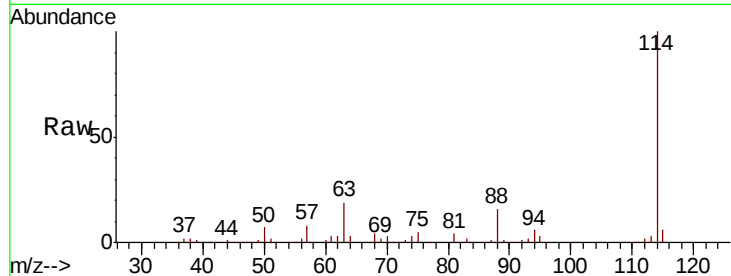




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

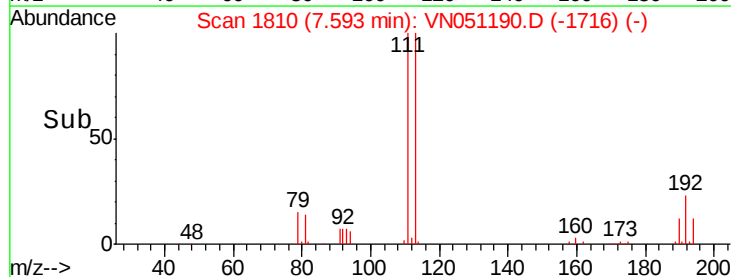
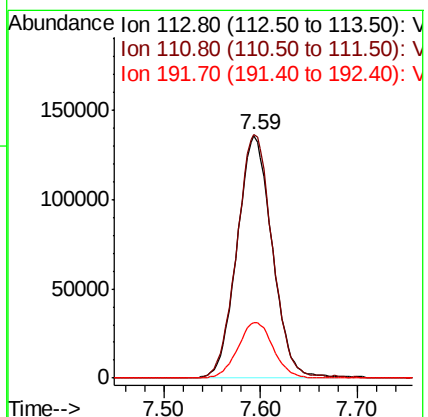
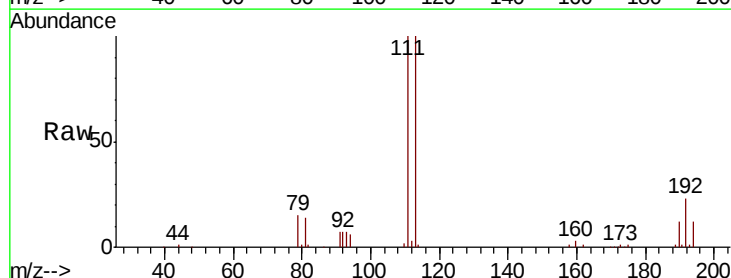
Instrument :
MSVOA_N
ClientSampled :
PB112829TB

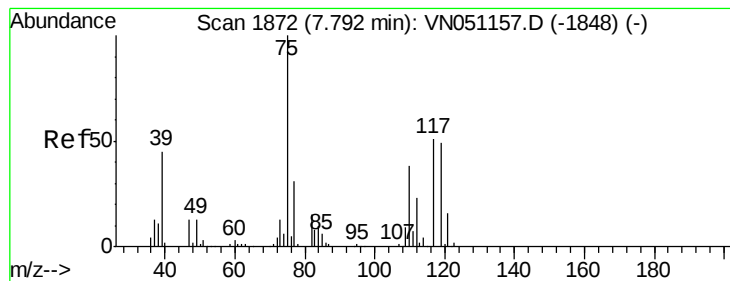
Tot Ion:114 Resp: 889687
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.8
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.20 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

Tgt Ion:113 Resp: 342301
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.6
192 23.4 18.7 28.1





#36

1,1-Dichloropropene

Concen: 3.73 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

PB112829TB

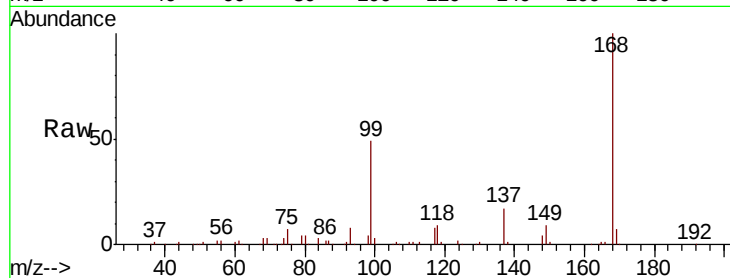
Tot Ion: 75 Resp: 36434

Ion Ratio Lower Upper

75 100

110 8.0 18.6 55.8#

77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN051190.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN051190.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN051190.D (-1779) (-)

7.67

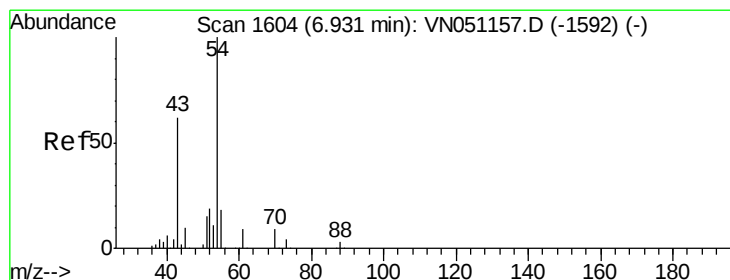
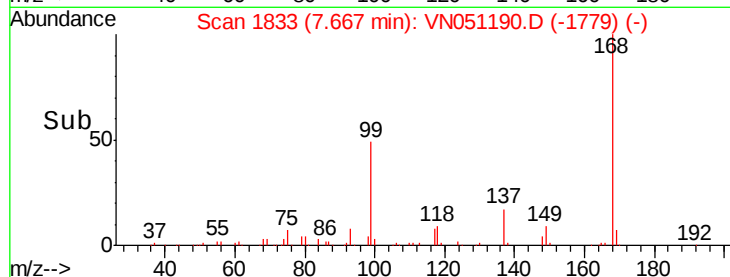
15000

10000

5000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#37

Ethyl Acetate

Concen: 1.41 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. -0.08 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

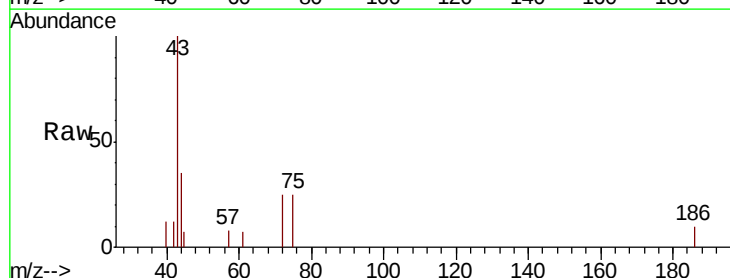
Tgt Ion: 43 Resp: 7957

Ion Ratio Lower Upper

43 100

61 5.2 12.4 18.6#

70 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VN051190.D (-1511) (-)

Ion 60.90 (60.60 to 61.60): VN051190.D (-1511) (-)

Ion 70.00 (69.70 to 70.70): VN051190.D (-1511) (-)

6.85

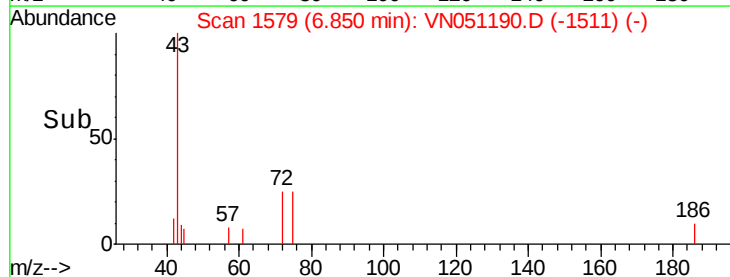
3000

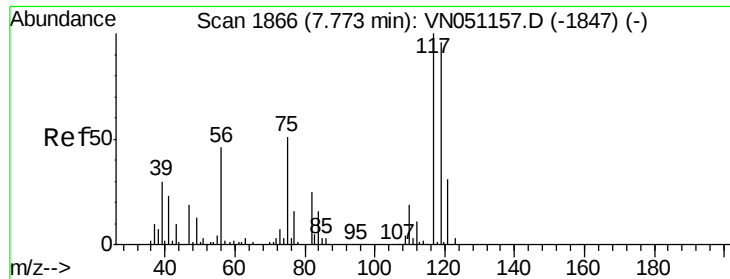
2000

1000

0

Time--> 6.75 6.80 6.85 6.90 6.95





#38

Carbon Tetrachloride

Concen: 4.97 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampled :

PB112829TB

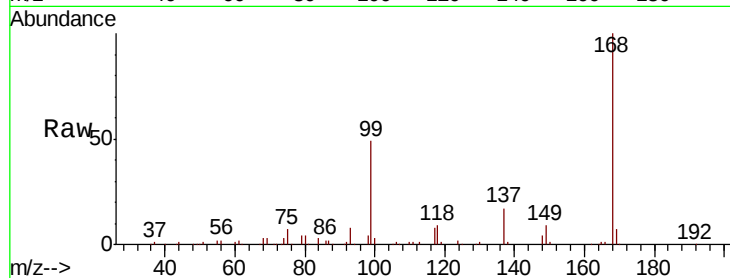
Tot Ion:117 Resp: 47770

Ion Ratio Lower Upper

117 100

119 6.2 76.8 115.2#

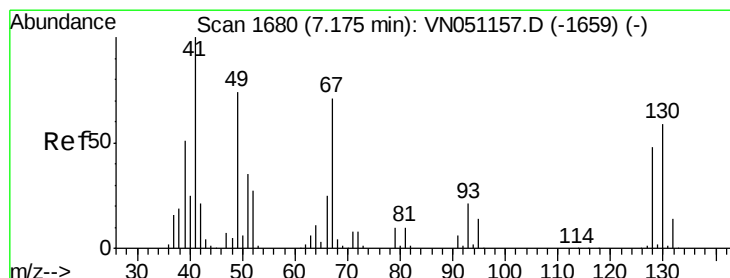
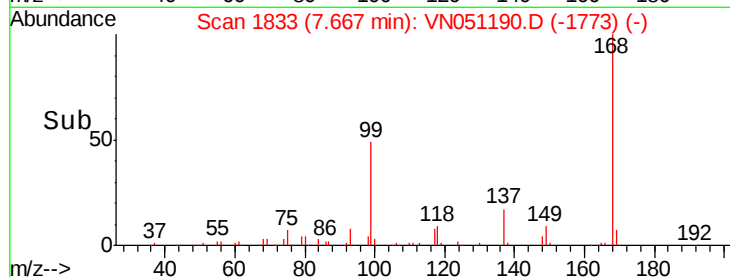
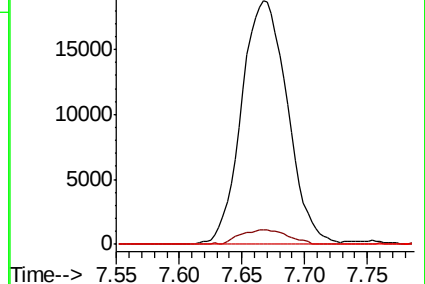
121 0.0 24.6 36.8#



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: 0.21 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.04 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Tgt Ion: 41 Resp: 618

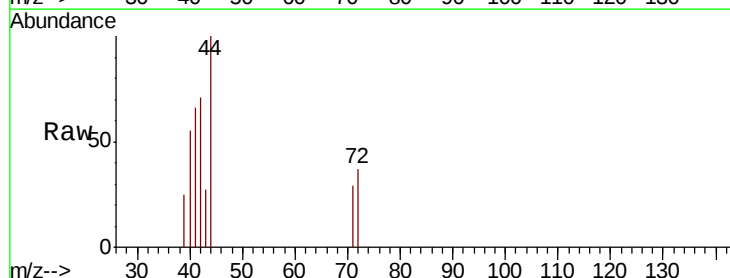
Ion Ratio Lower Upper

41 100

39 52.4 51.3 76.9

67 0.0 78.5 117.7#

52 0.0 29.0 43.6#

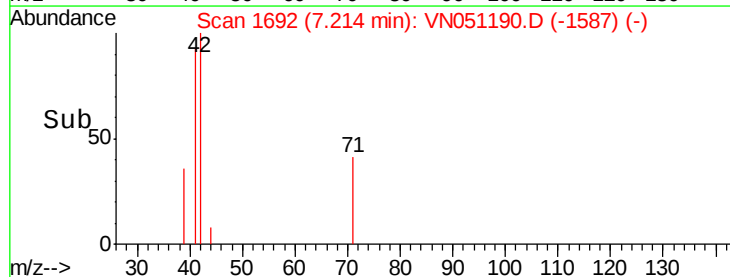
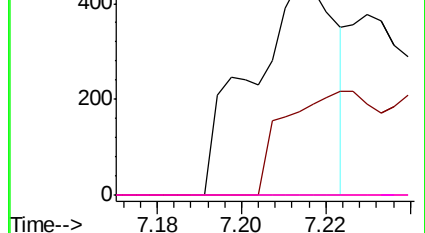


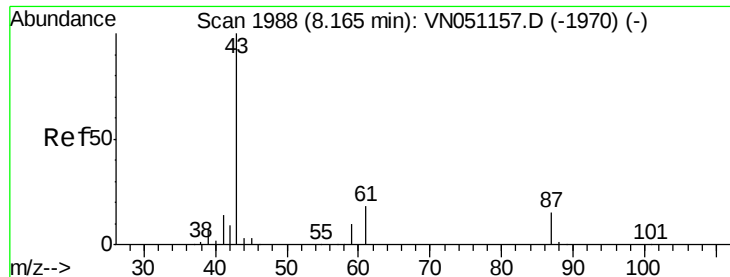
Abundance Ion 41.00 (40.70 to 41.70): VNO

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



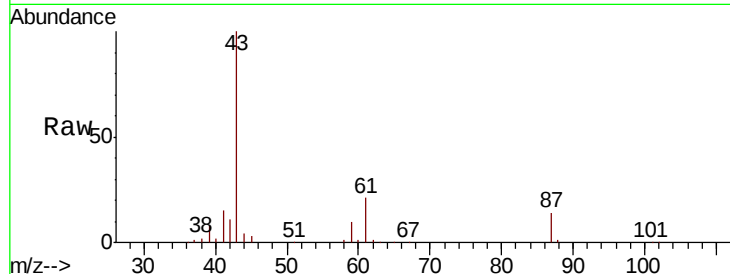


#43

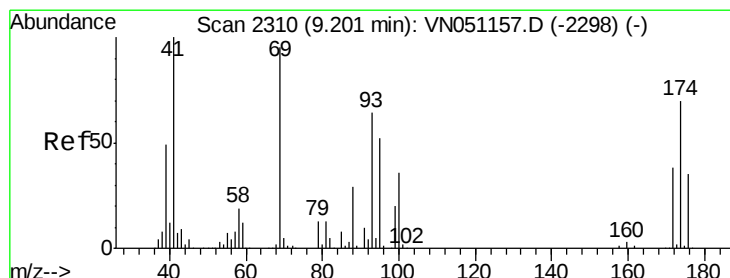
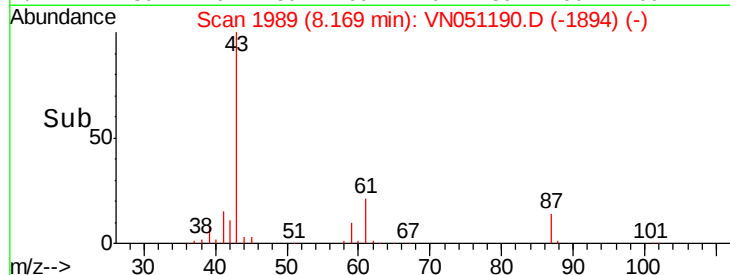
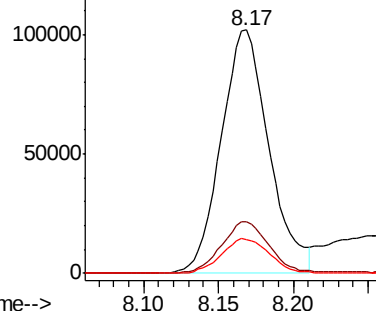
Isopropyl Acetate
 Concen: 22.68 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051190.D
 Acq: 14 Sep 2018 15:12

Instrument :
 MSVOA_N
 ClientSampled :
 PB112829TB

Tot Ion	43	Resp	226424
Ion Ratio	Lower	Upper	
43	100		
61	21.3	25.0	37.6#
87	14.3	11.8	17.8



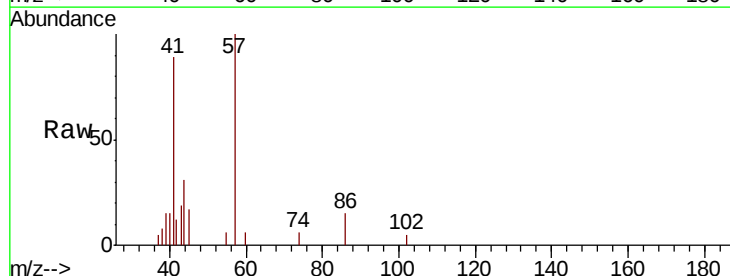
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



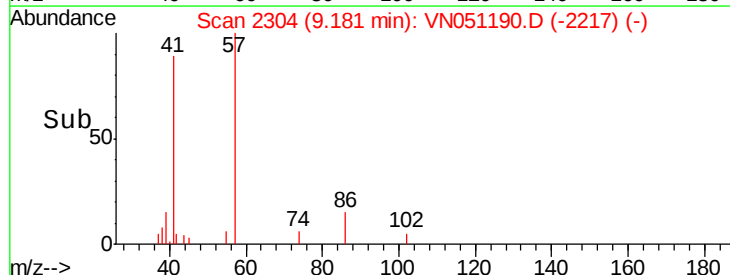
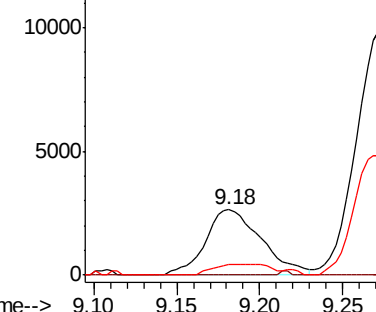
#48

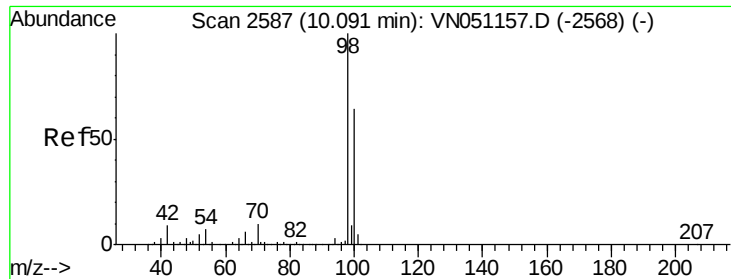
Methyl methacrylate
 Concen: 1.28 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN051190.D
 Acq: 14 Sep 2018 15:12

Tgt Ion	41	Resp	6233
Ion Ratio	Lower	Upper	
41	100		
69	0.0	77.7	116.5#
39	17.1	41.6	62.4#



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: 47.33 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

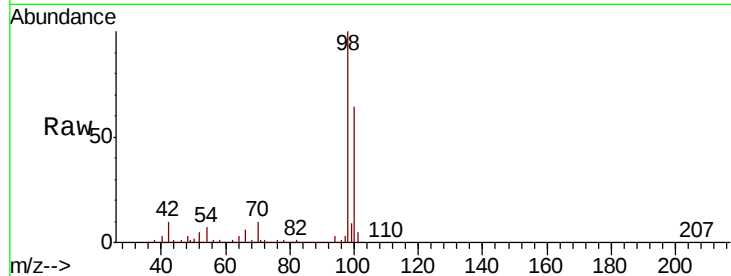
PB112829TB

Tot Ion: 98 Resp: 1200720

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051157.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051157.D (-2568) (-)

10.09

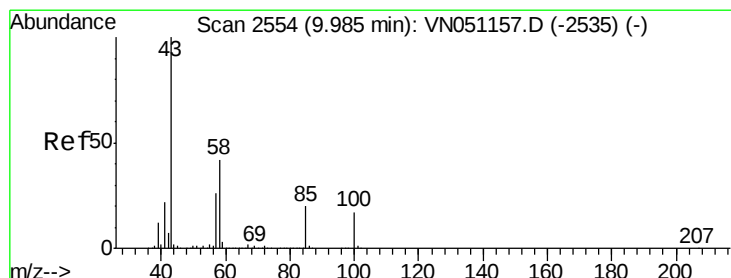
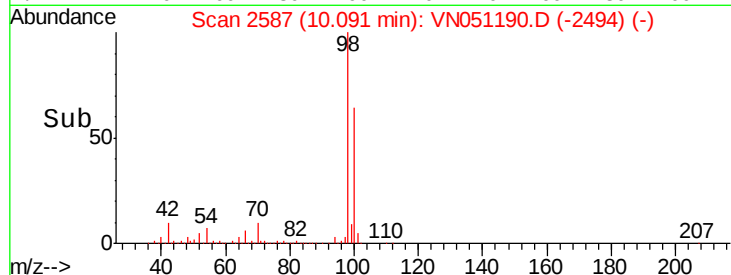
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.61 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051190.D

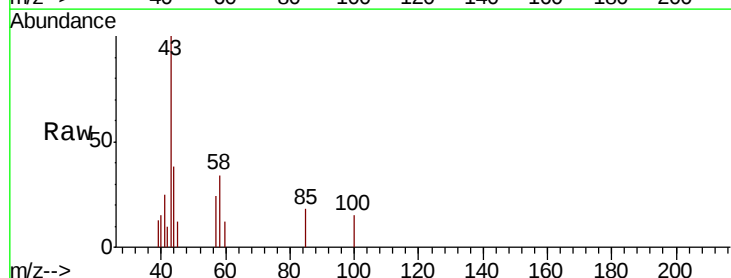
Acq: 14 Sep 2018 15:12

Tgt Ion: 43 Resp: 3363

Ion Ratio Lower Upper

43 100

58 39.5 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-2535) (-)

9.99

2500

2000

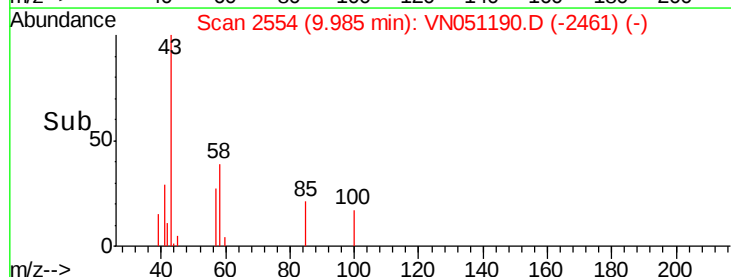
1500

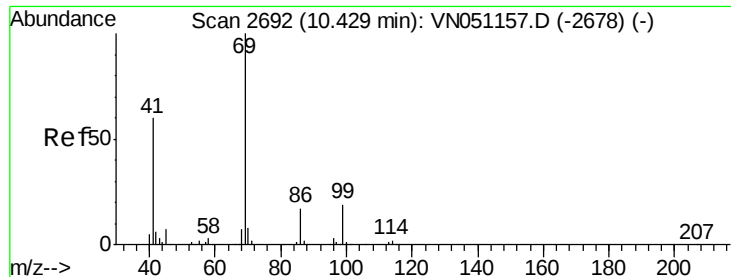
1000

500

0

Time-->





#56

Ethyl methacrylate

Concen: 2.47 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampled :

PB112829TB

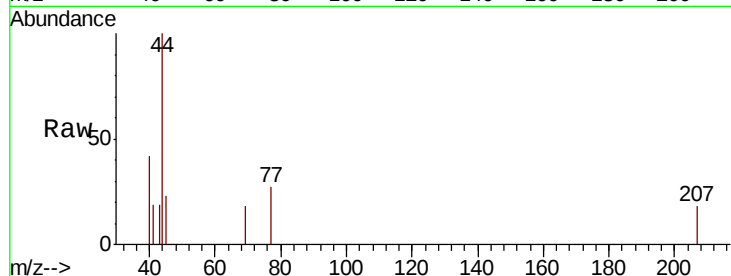
Tot Ion: 69 Resp: 100

Ion Ratio Lower Upper

69 100

41 107.0 47.8 71.8#

39 0.0 23.0 34.4#



Abundance Ion 69.00 (68.70 to 69.70): VN051157.D (-2678) (-)

Ion 41.00 (40.70 to 41.70): VN051157.D (-2678) (-)

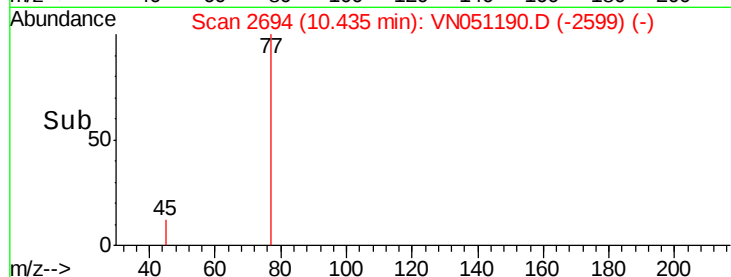
Ion 39.00 (38.70 to 39.70): VN051157.D (-2678) (-)

10.44

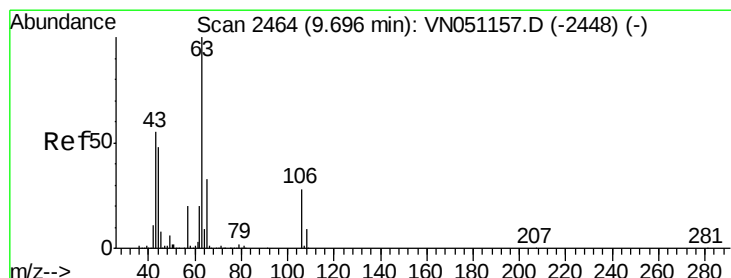
10.43

10.42

10.45



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 15.24 ug/l

RT: 9.70 min Scan# 2465

Delta R.T. 0.01 min

Lab File: VN051190.D

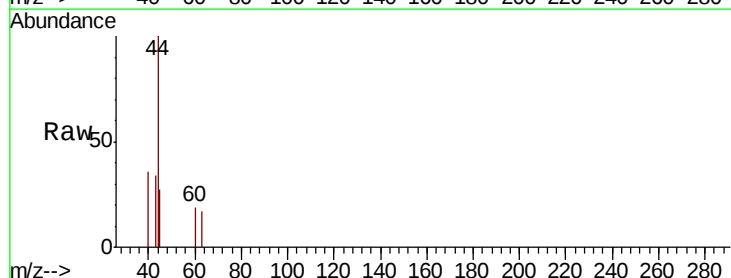
Acq: 14 Sep 2018 15:12

Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#



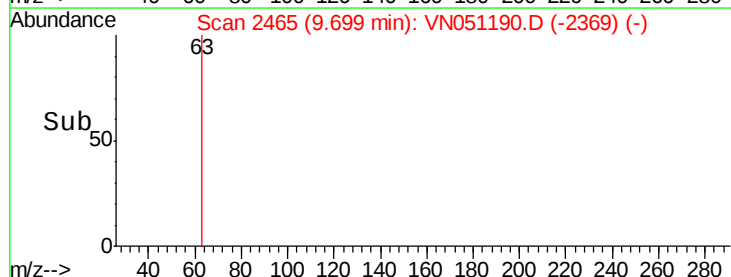
Abundance Ion 62.90 (62.60 to 63.60): VN051157.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN051157.D (-2448) (-)

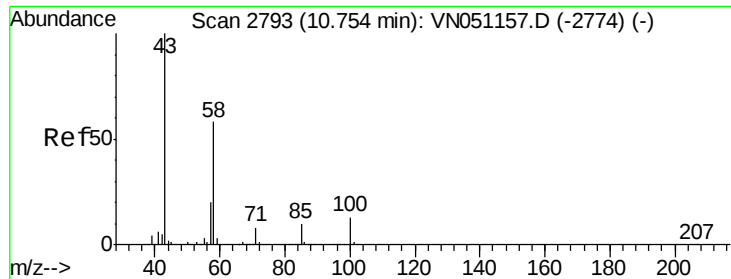
9.70

9.69

9.71



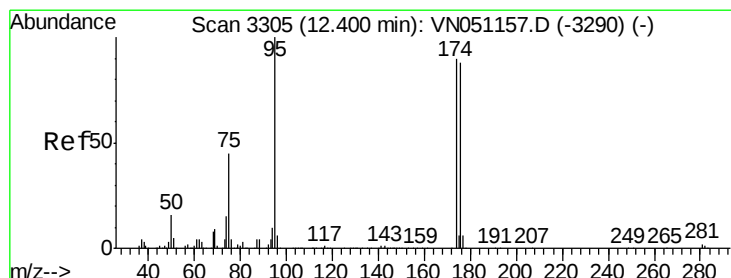
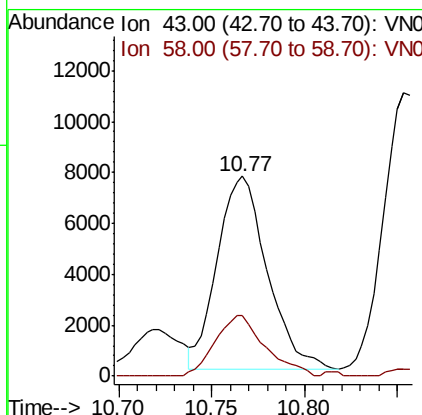
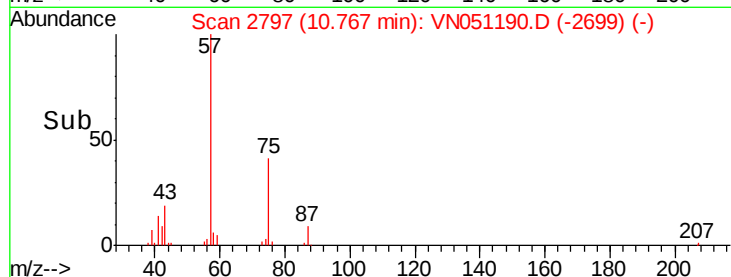
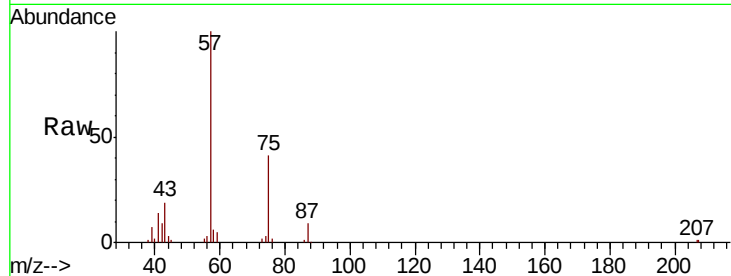
Time-->



#59
2-Hexanone
Concen: 3.77 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

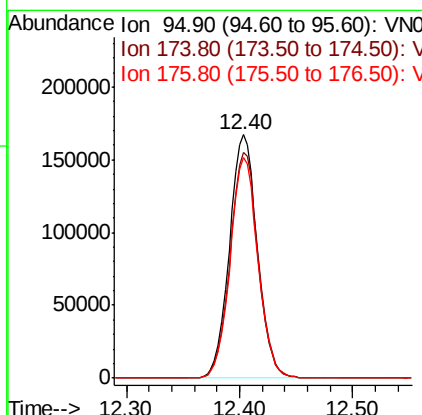
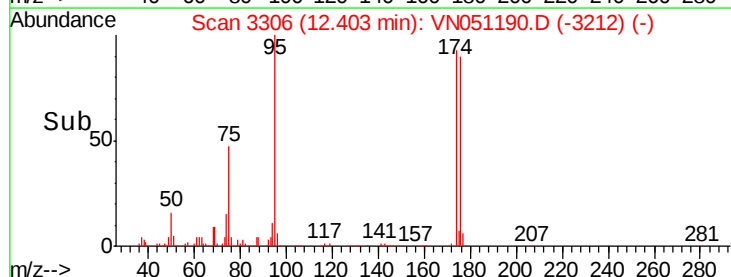
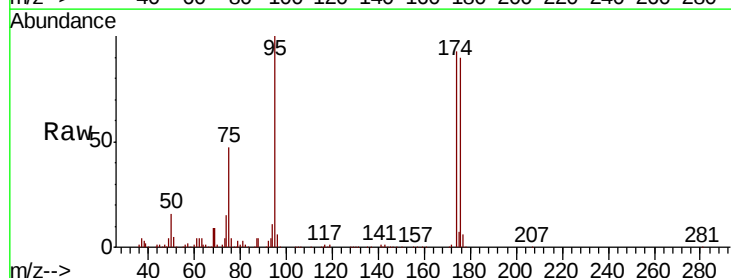
Instrument :
MSVOA_N
ClientSampled :
PB112829TB

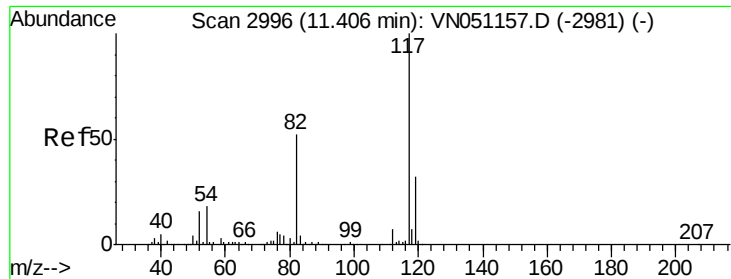
Tot Ion: 43 Resp: 14128
Ion Ratio Lower Upper
43 100
58 31.5 29.3 88.0



#62
4-Bromofluorobenzene
Concen: 34.03 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

Tgt Ion: 95 Resp: 285585
Ion Ratio Lower Upper
95 100
174 93.9 0.0 184.8
176 90.5 0.0 178.6

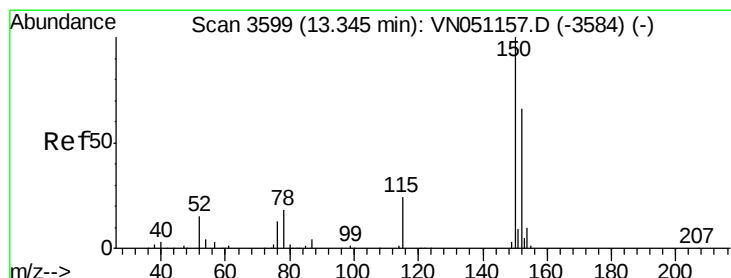
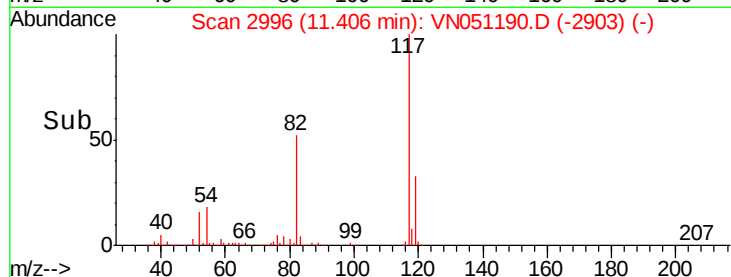
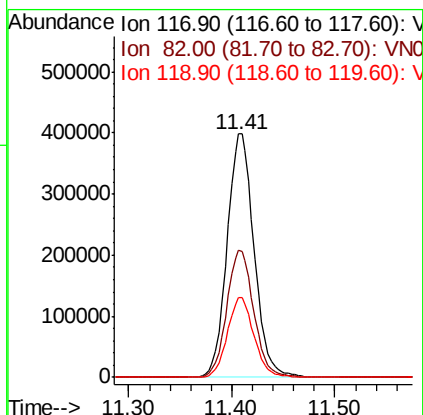
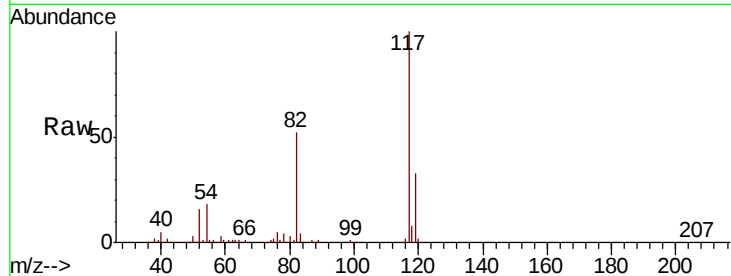




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

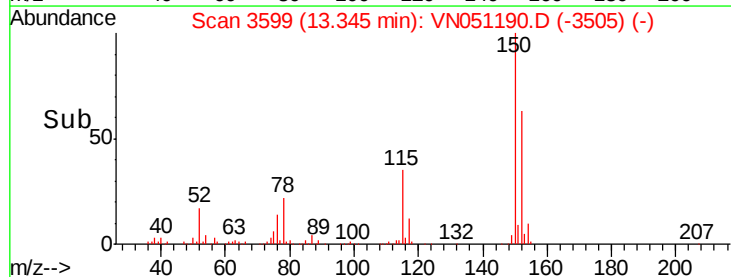
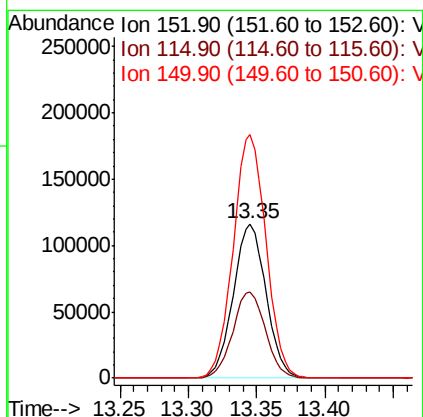
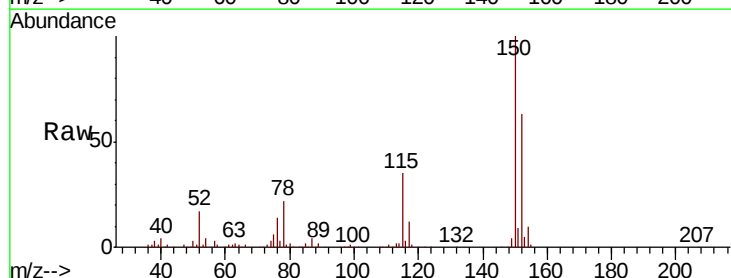
Instrument :
MSVOA_N
ClientSampled :
PB112829TB

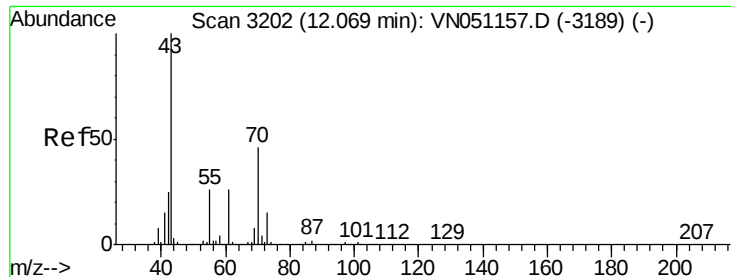
Tot Ion:117 Resp: 724582
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.6
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

Tgt Ion:152 Resp: 193586
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 158.2 0.0 349.0





#74

N-amvl acetate

Concen: 0.38 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampled :

PB112829TB

Tot Ion: 43 Resp: 1566

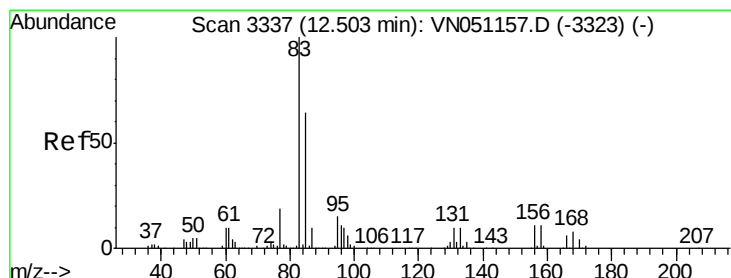
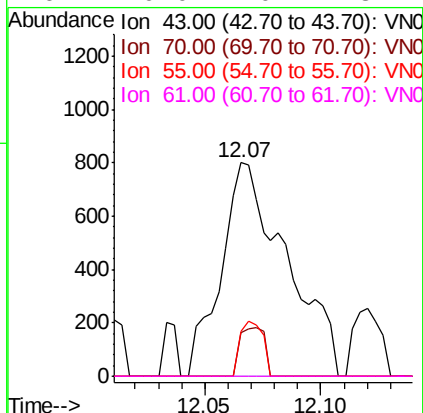
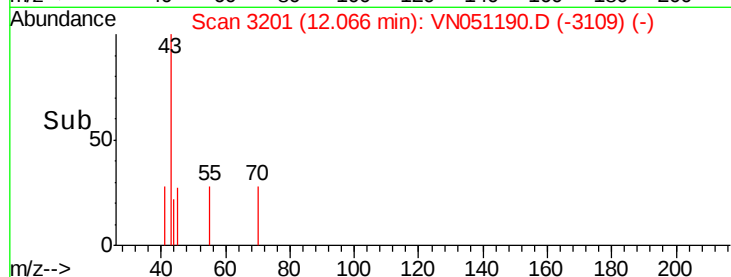
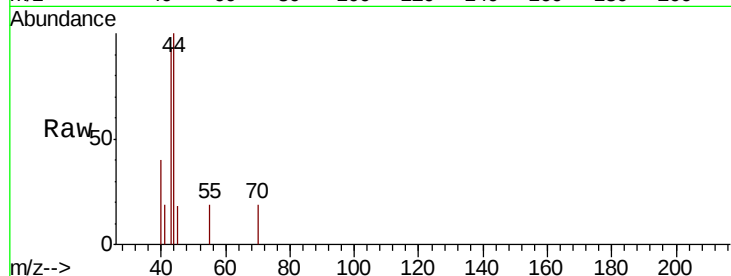
Ion Ratio Lower Upper

43 100

70 8.5 37.0 55.4#

55 8.8 21.3 31.9#

61 0.0 20.7 31.1#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

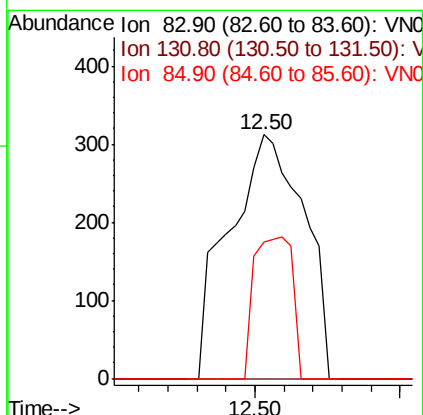
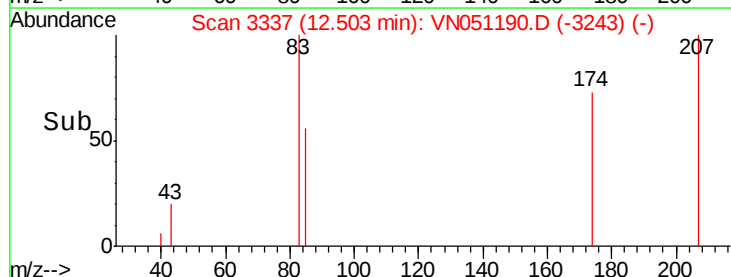
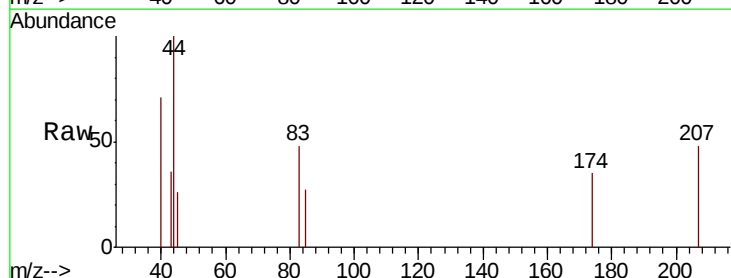
Tgt Ion: 83 Resp: 562

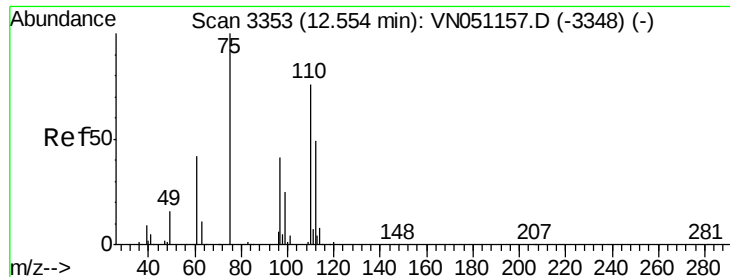
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 29.5 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 44.26 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

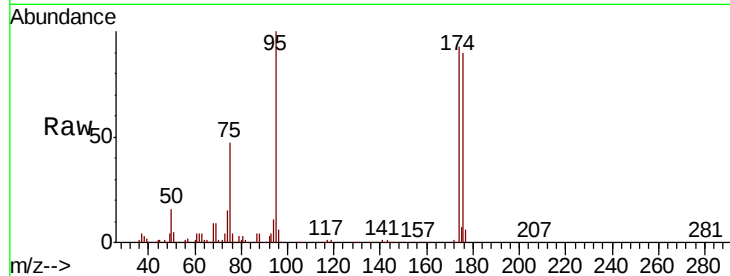
PB112829TB

Tot Ion: 75 Resp: 133355

Ion Ratio Lower Upper

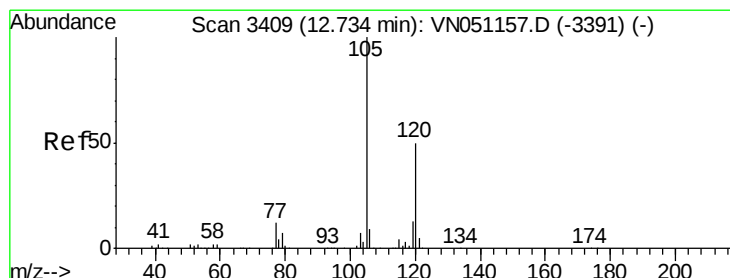
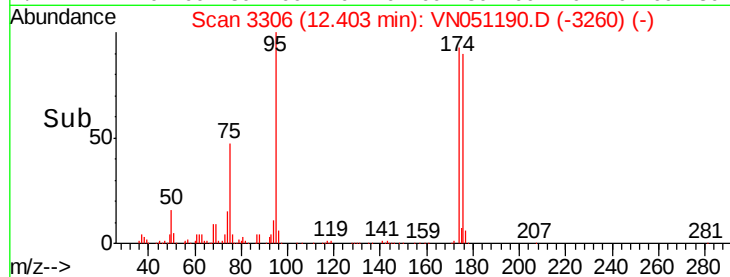
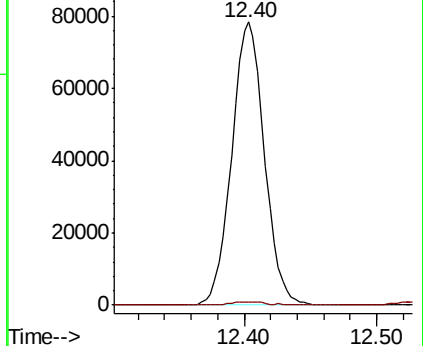
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051157.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN051157.D (-3348) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.37 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051190.D

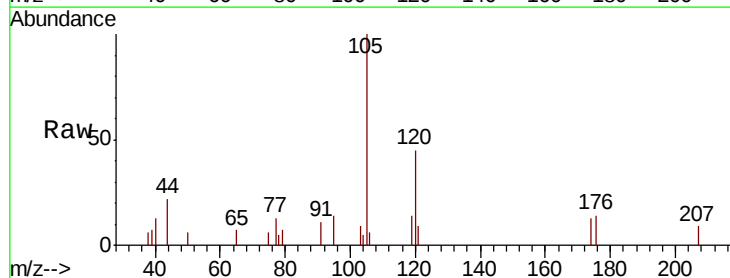
Acq: 14 Sep 2018 15:12

Tgt Ion: 105 Resp: 4919

Ion Ratio Lower Upper

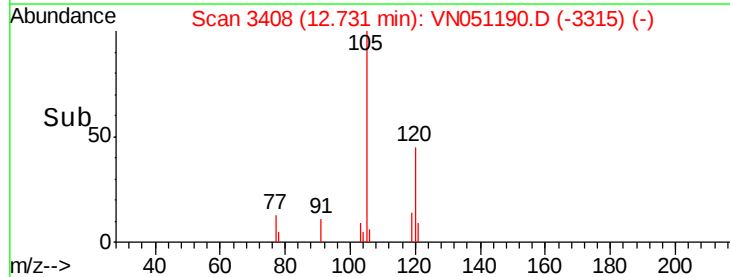
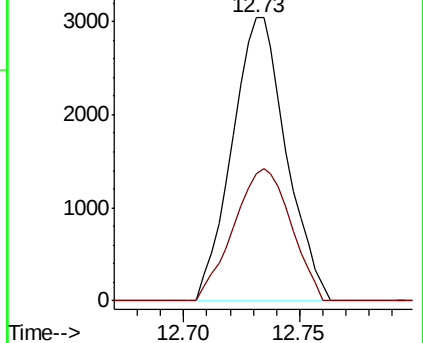
105 100

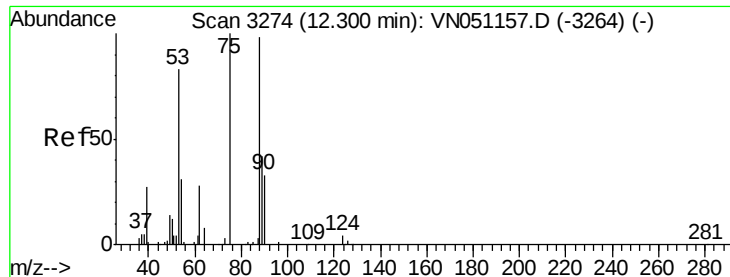
120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051157.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051157.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 130.83 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampled :

PB112829TB

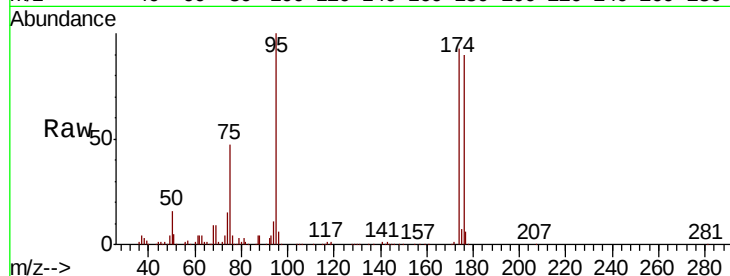
Tot Ion: 75 Resp: 133355

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

89 0.0 36.0 54.0#

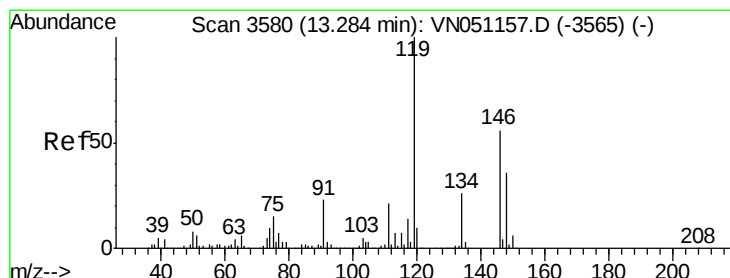
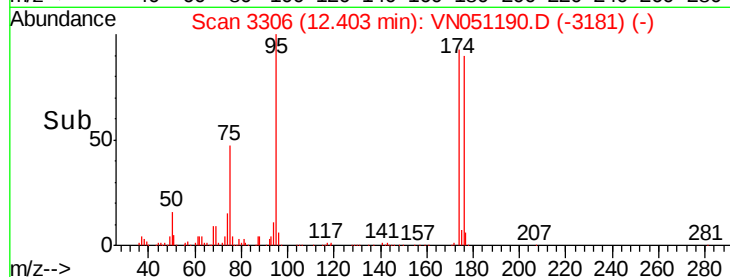
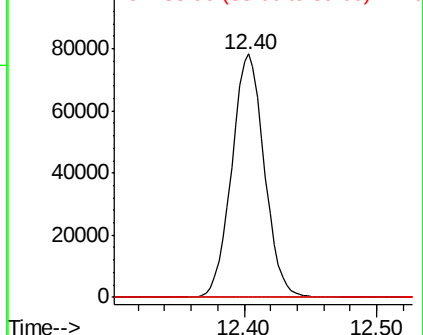


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#87

1,3-Dichlorobenzene

Concen: 0.27 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

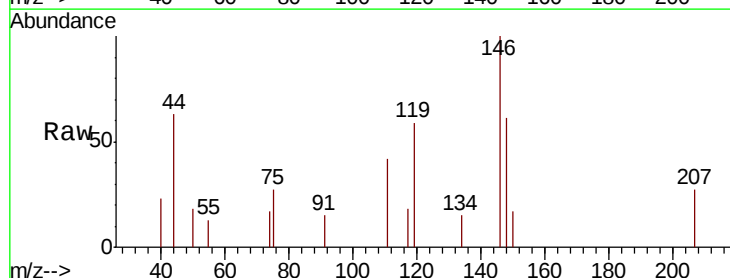
Tgt Ion: 146 Resp: 2021

Ion Ratio Lower Upper

146 100

111 35.0 19.1 57.1

148 62.9 32.2 96.6

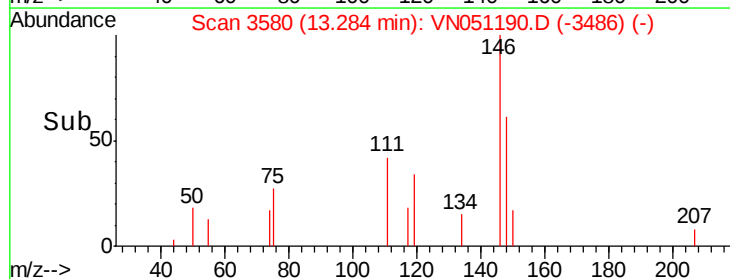
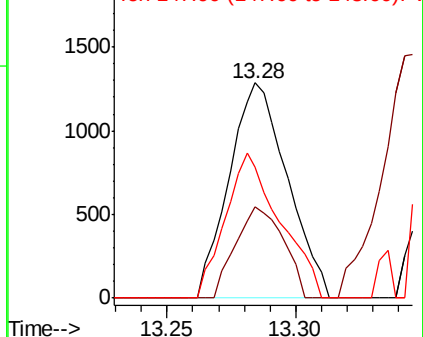


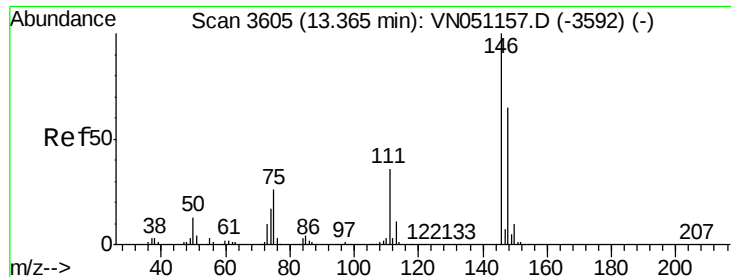
Abundance

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





#88

1,4-Dichlorobenzene

Concen: 0.31 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.08 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

PB112829TB

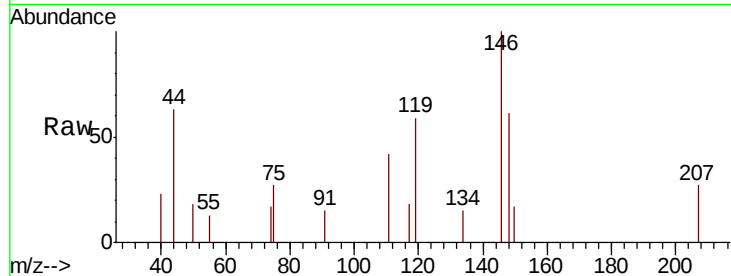
Tot Ion:146 Resp: 2021

Ion Ratio Lower Upper

146 100

111 35.0 18.4 55.0

148 62.9 32.2 96.6

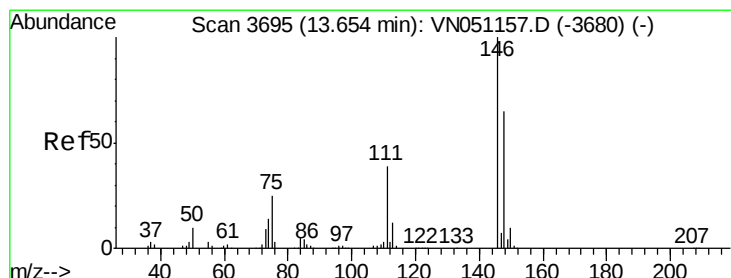
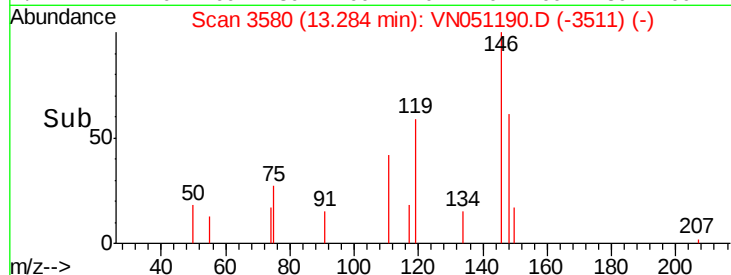
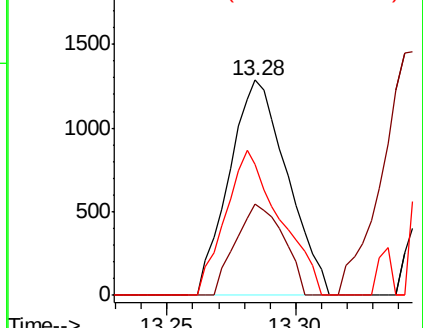


Abundance

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



#91

1,2-Dichlorobenzene

Concen: 0.30 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

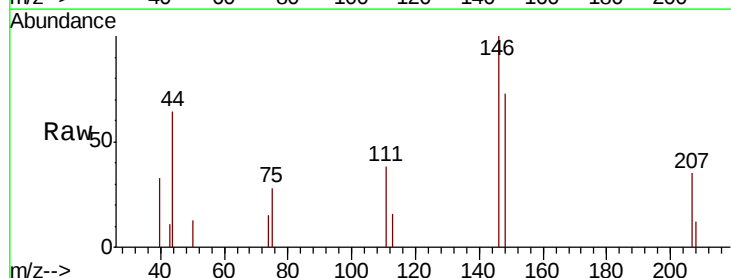
Tgt Ion:146 Resp: 2138

Ion Ratio Lower Upper

146 100

111 25.6 19.7 59.0

148 71.1 32.1 96.3

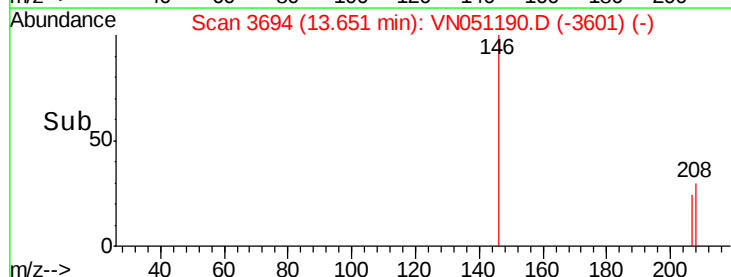
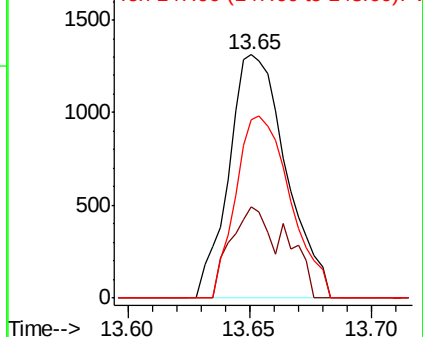


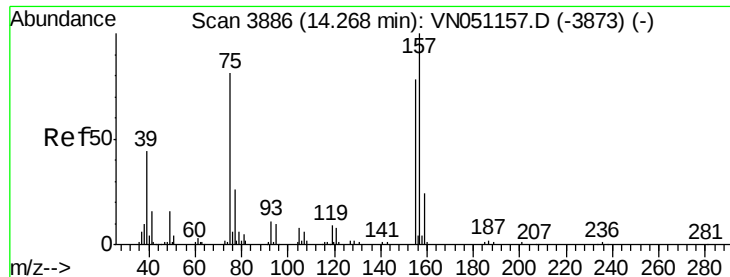
Abundance

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

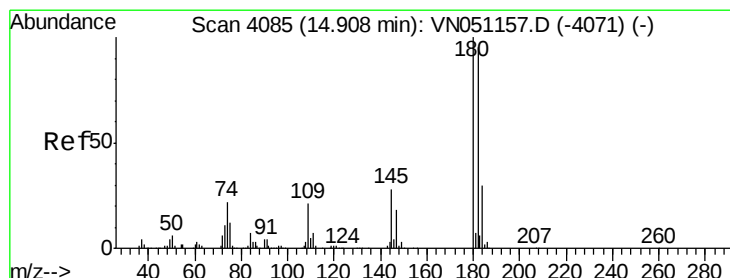
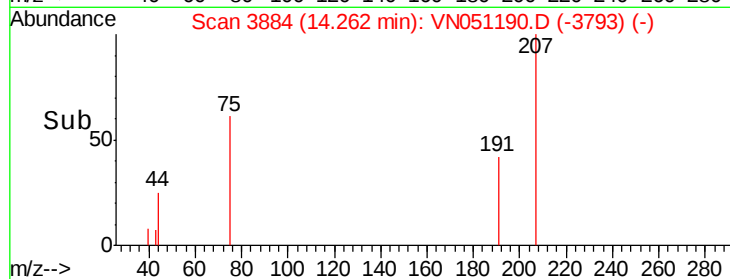
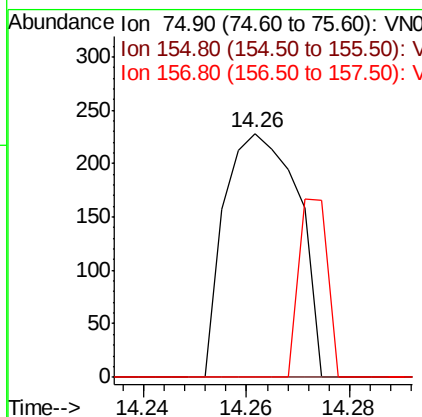
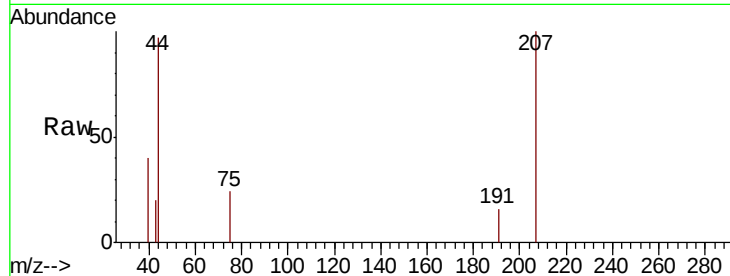




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.05 ug/l
 RT: 14.26 min Scan# 3884
 Delta R.T. -0.01 min
 Lab File: VN051190.D
 Acq: 14 Sep 2018 15:12

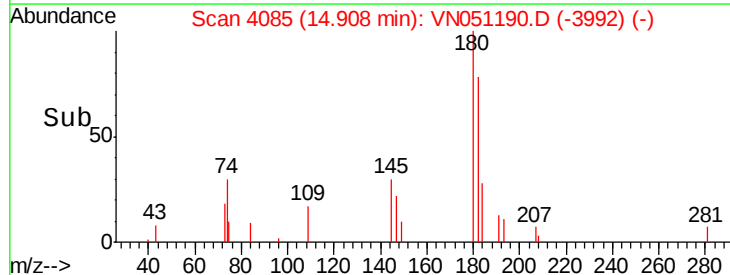
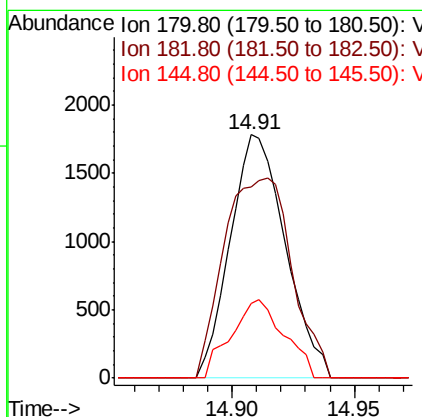
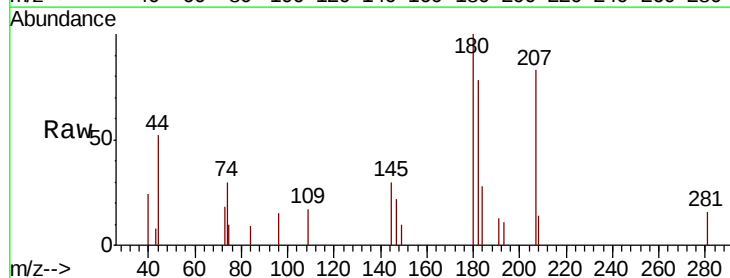
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829TB

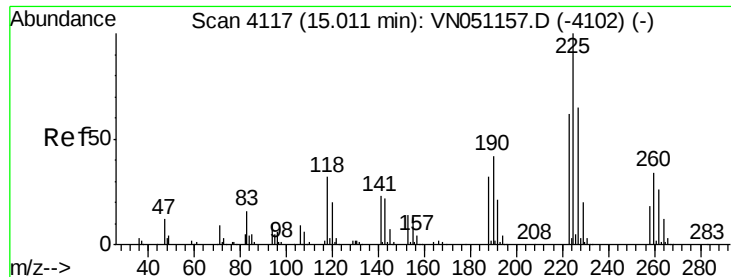
Tot Ion: 75 Resp: 224
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 28.6 63.6 190.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.72 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051190.D
 Acq: 14 Sep 2018 15:12

Tgt Ion: 180 Resp: 2799
 Ion Ratio Lower Upper
 180 100
 182 101.3 47.3 141.8
 145 31.0 14.2 42.6





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampled :

PB112829TB

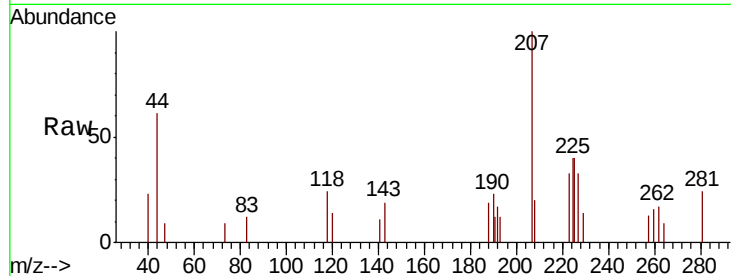
Tot Ion:225 Resp: 1500

Ion Ratio Lower Upper

225 100

223 56.3 31.4 94.0

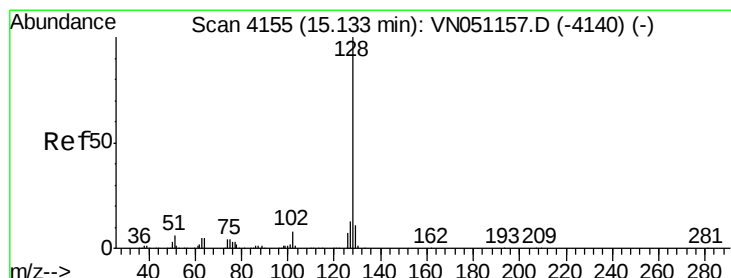
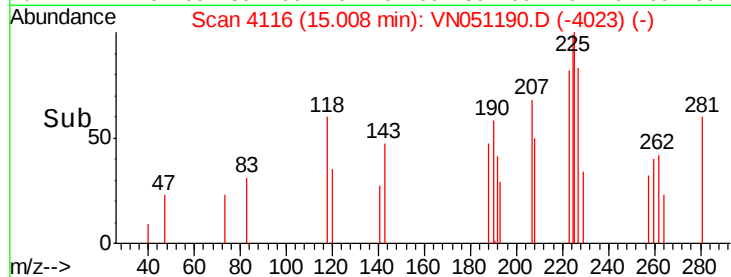
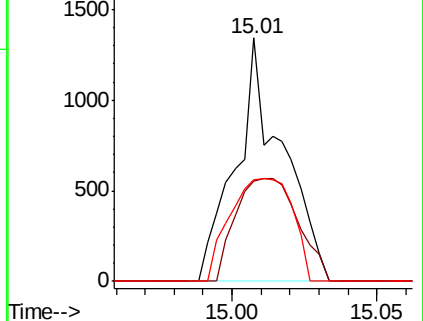
227 56.6 32.1 96.3



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: 6.21 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

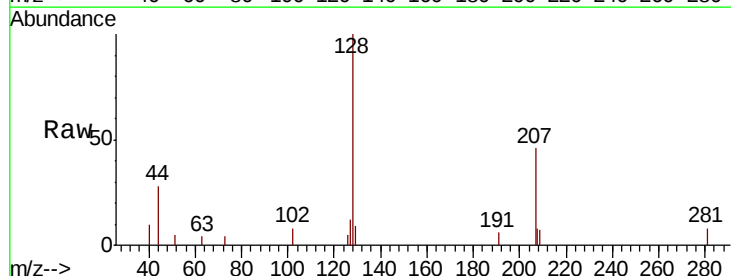
Tgt Ion:128 Resp: 7063

Ion Ratio Lower Upper

128 100

127 10.8 10.6 15.8

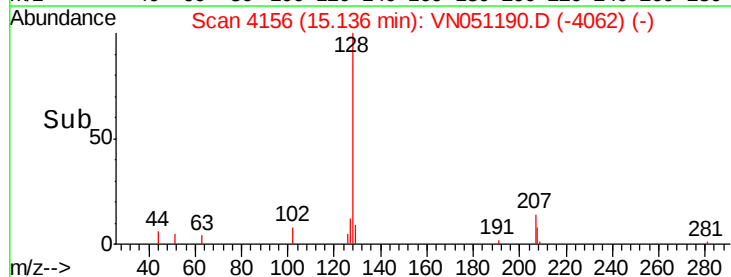
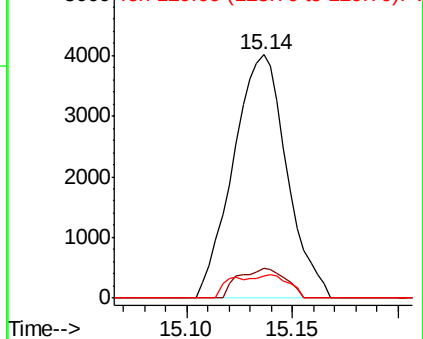
129 3.3 8.6 12.8#

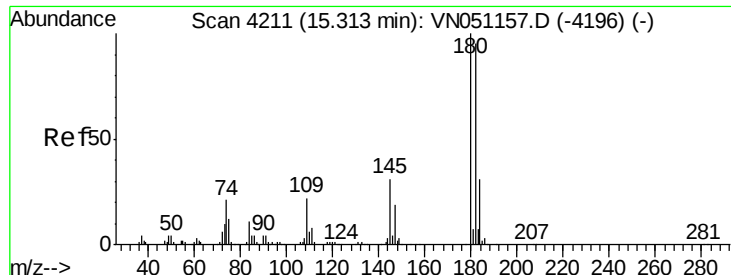


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

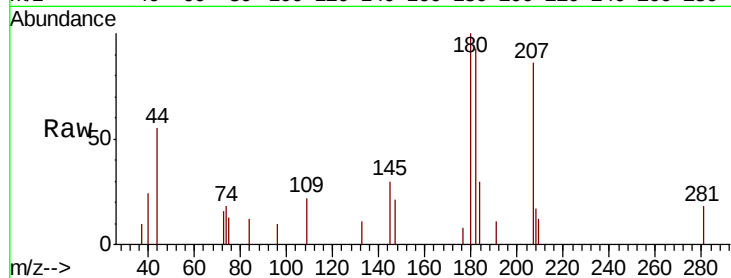




#96
 1,2,3-Trichlorobenzene
 Concen: 3.88 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN051190.D
 Acq: 14 Sep 2018 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.2	47.8	143.3
145	33.0	14.6	43.8



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

