

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082418\
 Data File : VN050874.D
 Acq On : 24 Aug 2018 14:03
 Operator : MD\SY
 Sample : PB112339TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112339TB

Quant Time: Aug 24 22:54:12 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	643084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1016547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	883158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295264	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	403594	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	7.59	113	383158	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	10.09	98	1401621	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
62) 4-Bromofluorobenzene	12.40	95	383310	38.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.30%	

Target Compounds						Qvalue
3) Chloromethane	2.06	50	3238	0.31	ug/l	92
5) Bromomethane	2.57	94	3561	Below	Cal	90
10) Methyl Iodide	3.95	142	593	6.41	ug/l #	45
13) Acrolein	3.63	56	29	18.01	ug/l #	14
16) Acetone	3.83	43	12003	Below	Cal	95
17) Carbon Disulfide	4.05	76	6089	0.25	ug/l	97
18) Methyl Acetate	4.33	43	9743	1.33	ug/l	91
20) Methylene Chloride	4.55	84	7945	0.91	ug/l #	86
25) 2-Butanone	6.84	43	1619	0.52	ug/l #	47
29) Tetrahydrofuran	7.22	42	614	0.34	ug/l #	54
31) Cyclohexane	7.67	56	10970	1.29	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42710	3.56	ug/l #	49
38) Carbon Tetrachloride	7.67	117	55721	4.60	ug/l #	17
43) Isopropyl Acetate	8.17	43	260468	21.98	ug/l	100
48) Methyl methacrylate	9.18	41	6612	1.10	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	2535	0.36	ug/l	96
56) Ethyl methacrylate	10.44	69	208	2.37	ug/l #	31
58) 2-Chloroethyl Vinyl ether	9.70	63	62	12.23	ug/l #	47
59) 2-Hexanone	10.76	43	19231	4.09	ug/l #	61
70) Styrene	11.96	104	1656	1.34	ug/l #	89
74) N-amyl acetate	12.08	43	1577	0.26	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.50	83	330	Below	Cal #	67
76) 1,2,3-Trichloropropane	12.40	75	178741	34.56	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5928	0.30	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	178741	116.84	ug/l #	15
87) 1,3-Dichlorobenzene	13.28	146	2826	0.25	ug/l	91
88) 1,4-Dichlorobenzene	13.28	146	2826	0.25	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.26	75	252	0.29	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	3148	4.59	ug/l	89
94) Hexachlorobutadiene	15.01	225	1503	Below	Cal	90
95) Naphthalene	15.13	128	6567	5.90	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.32	180	3022	3.83	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082418\
Data File : VN050874.D
Acq On : 24 Aug 2018 14:03
Operator : MD\SY
Sample : PB112339TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB112339TB

Quant Time: Aug 24 22:54:12 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

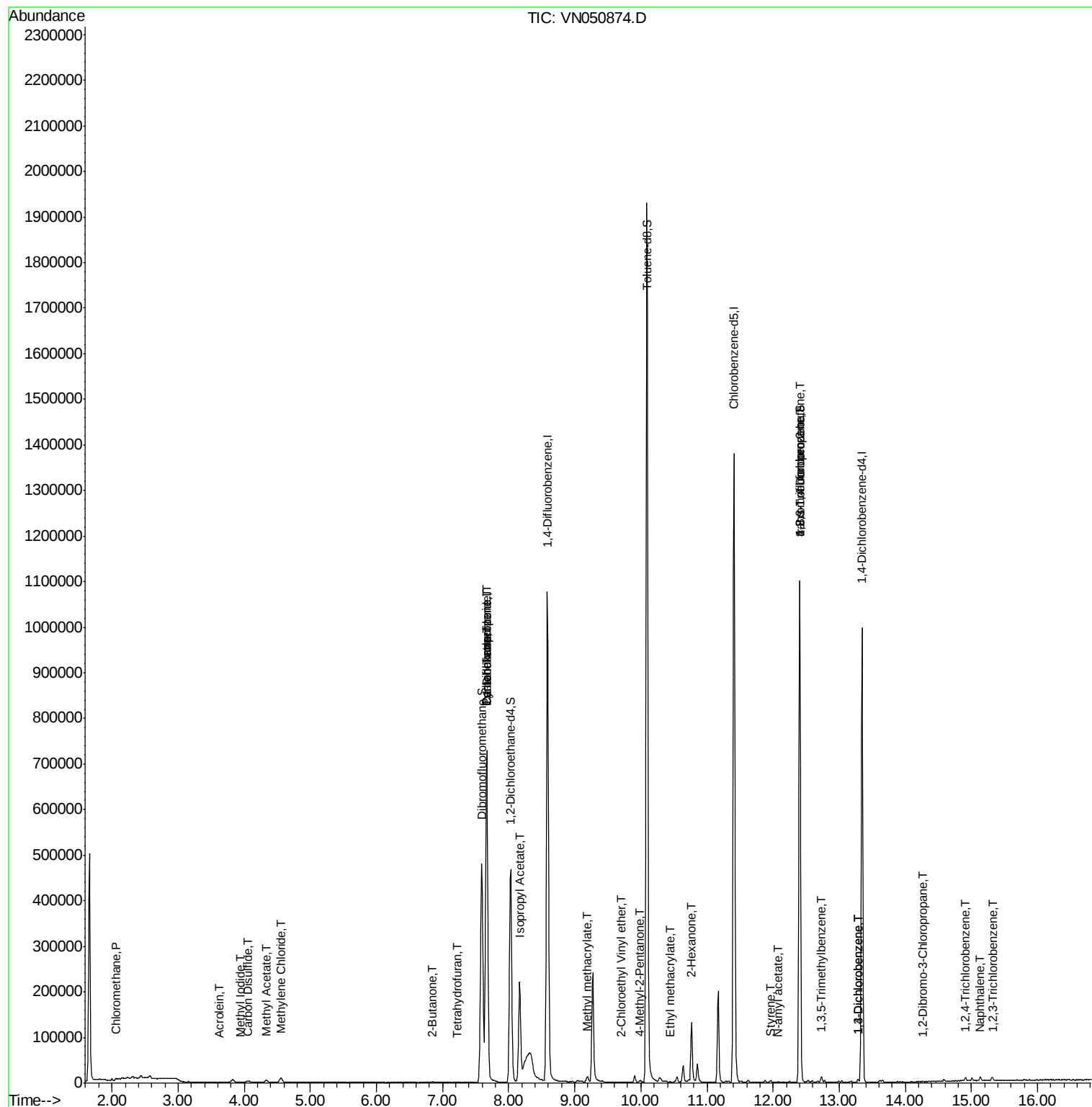
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

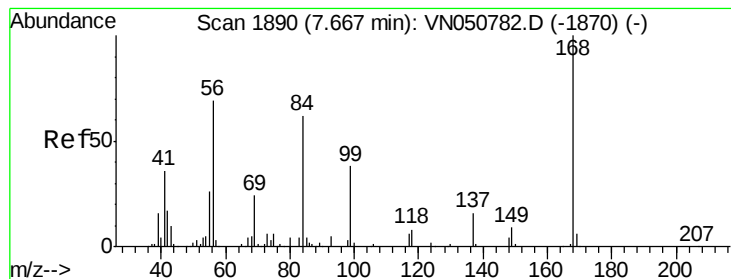
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082418\
Data File : VN050874.D
Acq On : 24 Aug 2018 14:03
Operator : MD\SY
Sample : PB112339TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB112339TB

Quant Time: Aug 24 22:54:12 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

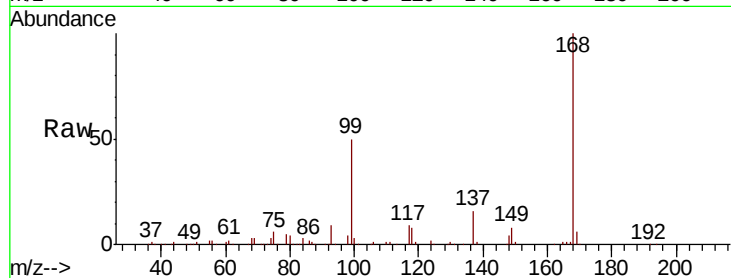
PB112339TB

Tot Ion:168 Resp: 643084

Ion Ratio Lower Upper

168 100

99 50.2 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

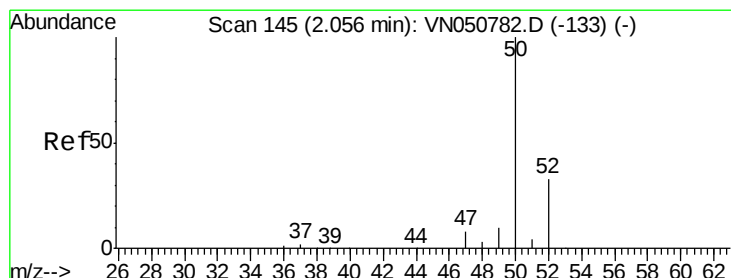
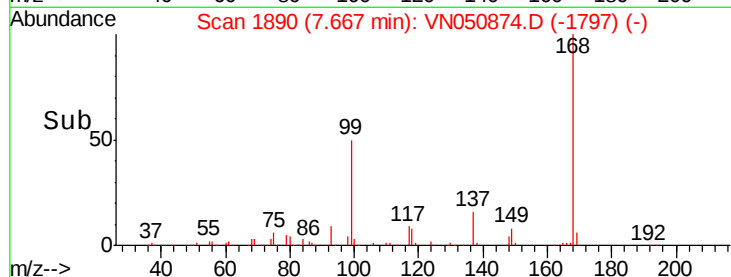
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#3

Chloromethane

Concen: 0.31 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050874.D

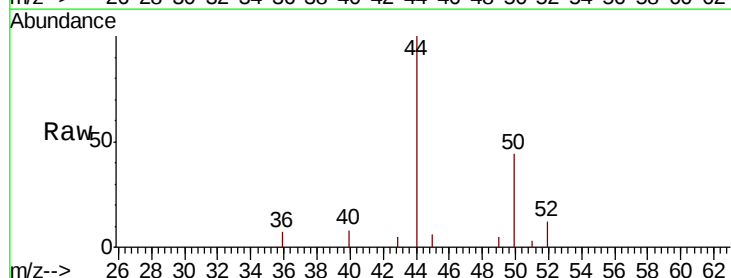
Acq: 24 Aug 2018 14:03

Tgt Ion: 50 Resp: 3238

Ion Ratio Lower Upper

50 100

52 28.2 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

2500

2000

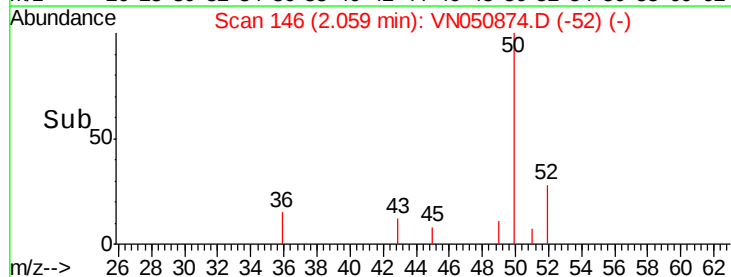
1500

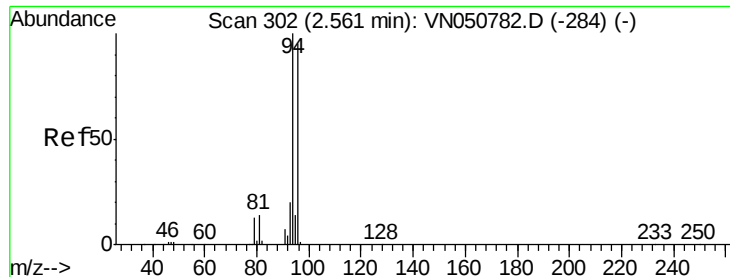
1000

500

0

Time--> 2.05 2.10





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

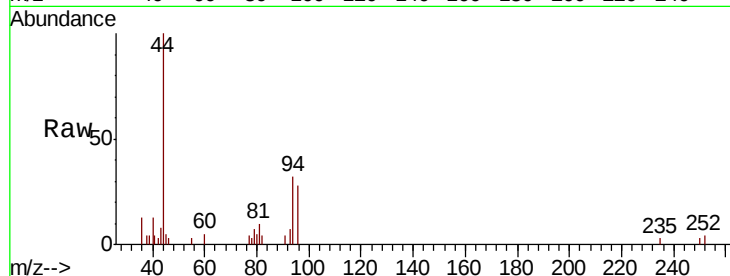
PB112339TB

Tot Ion: 94 Resp: 3561

Ion Ratio Lower Upper

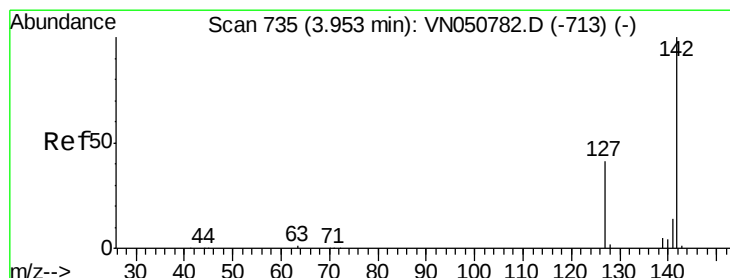
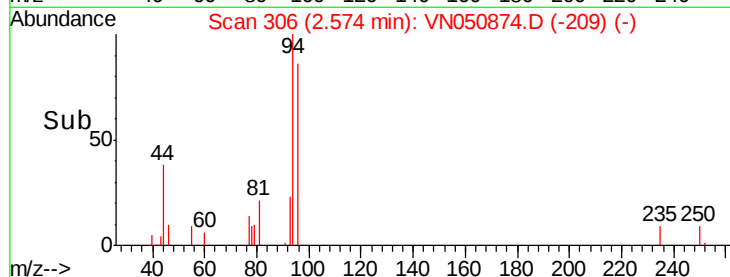
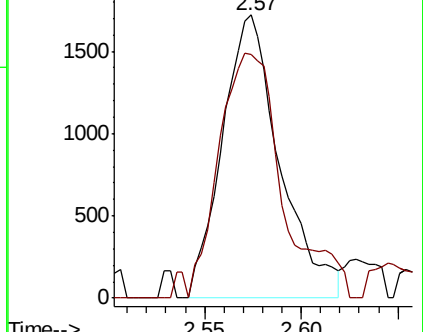
94 100

96 85.9 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050874.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050874.D (-284) (-)



#10

Methyl Iodide

Concen: 6.41 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.01 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

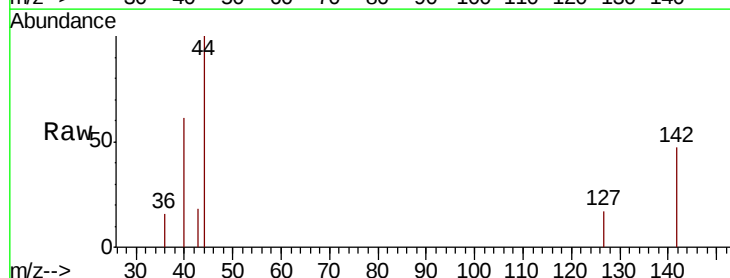
Tgt Ion: 142 Resp: 593

Ion Ratio Lower Upper

142 100

127 78.2 31.7 47.5#

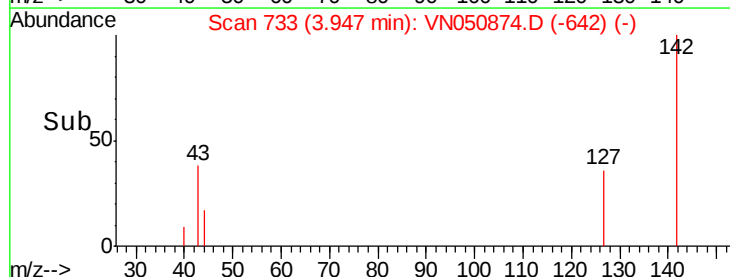
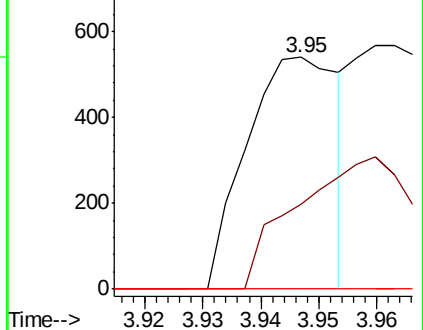
141 0.0 11.4 17.0#

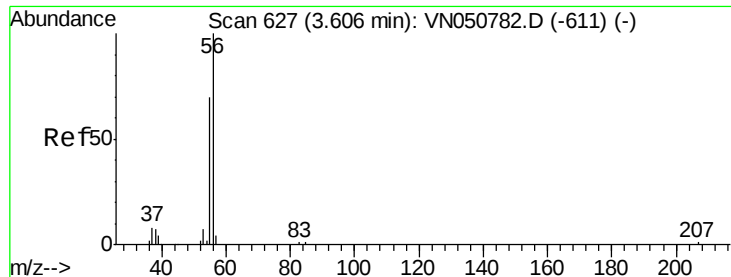


Abundance Ion 141.80 (141.50 to 142.50): VN050874.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050874.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050874.D (-642) (-)





#13

Acrolein

Concen: 18.01 ug/l

RT: 3.63 min Scan# 633

Delta R.T. 0.02 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

Instrument :

MSVOA_N

ClientSampled :

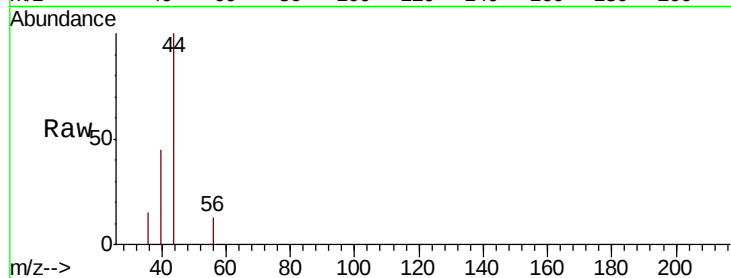
PB112339TB

Tot Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

55 0.0 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.63

150

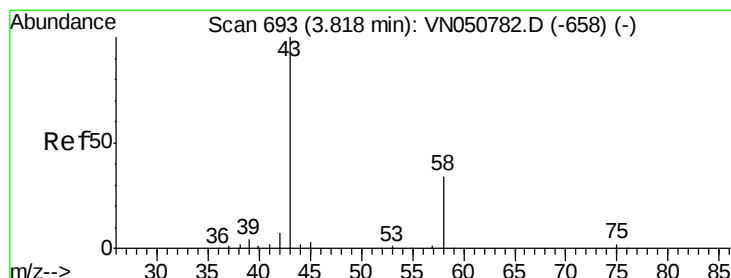
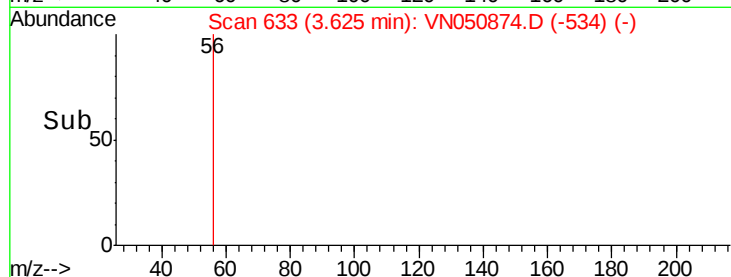
100

50

0

3.62 3.62 3.63 3.63 3.63

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050874.D

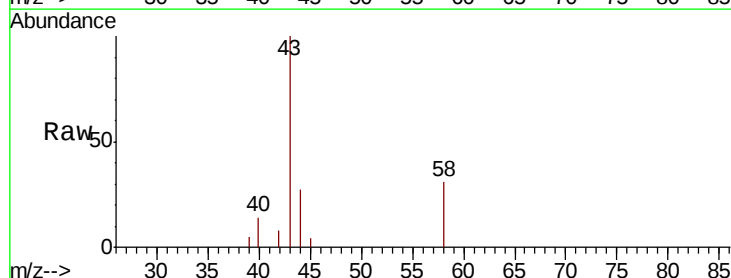
Acq: 24 Aug 2018 14:03

Tgt Ion: 43 Resp: 12003

Ion Ratio Lower Upper

43 100

58 31.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

5000

4000

3000

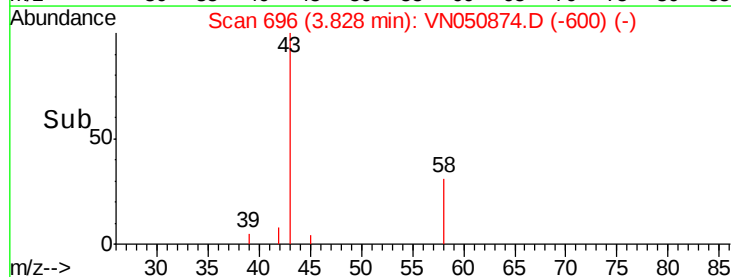
2000

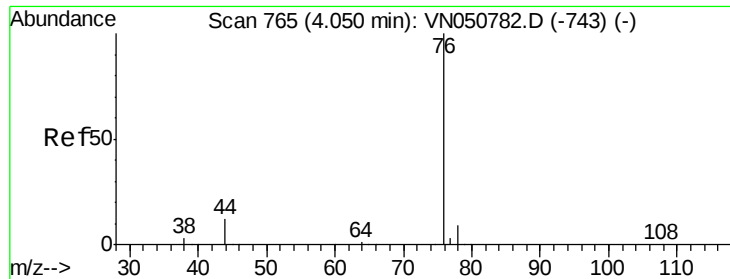
1000

0

3.75 3.80 3.85 3.90

Time-->

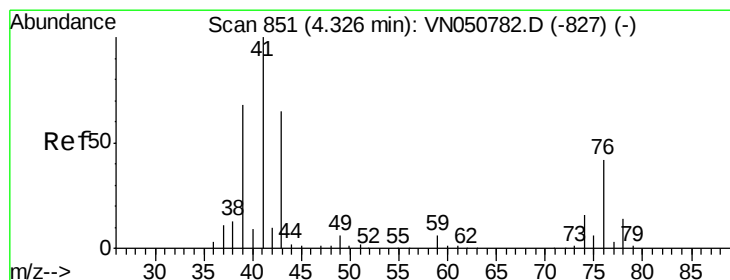
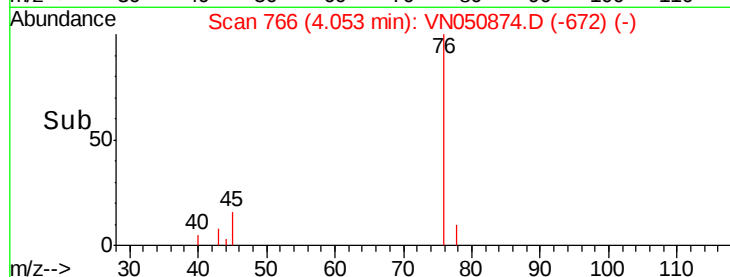
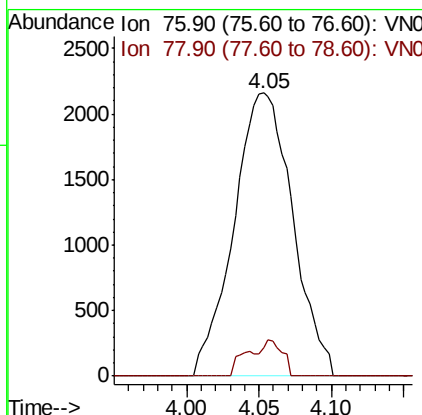
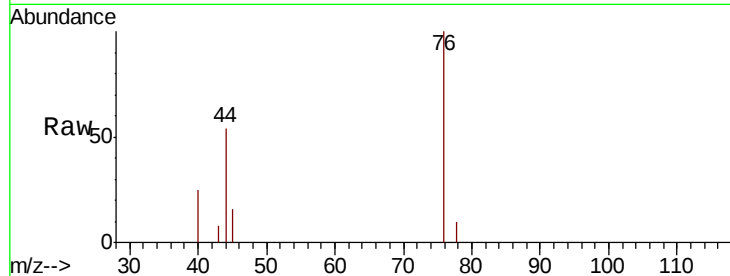




#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050874.D
Acq: 24 Aug 2018 14:03

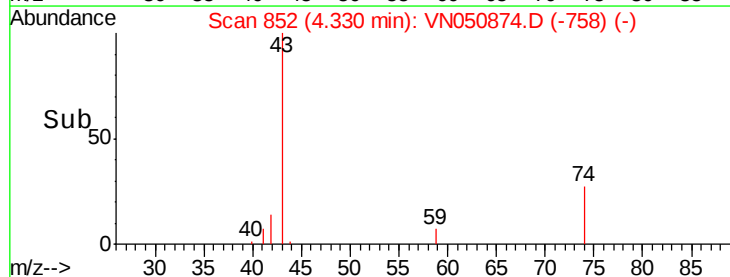
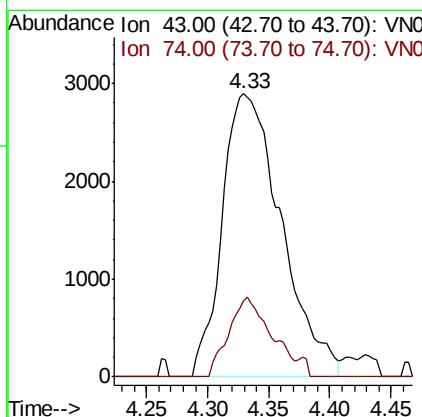
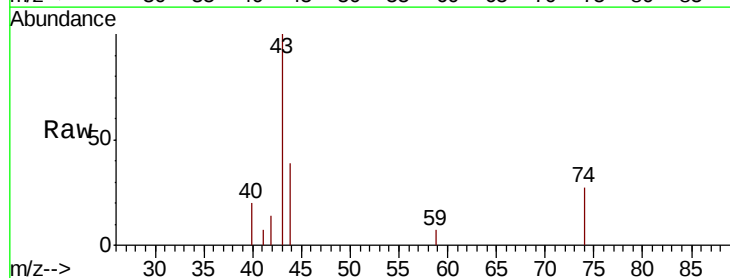
Instrument :
MSVOA_N
ClientSampled :
PB112339TB

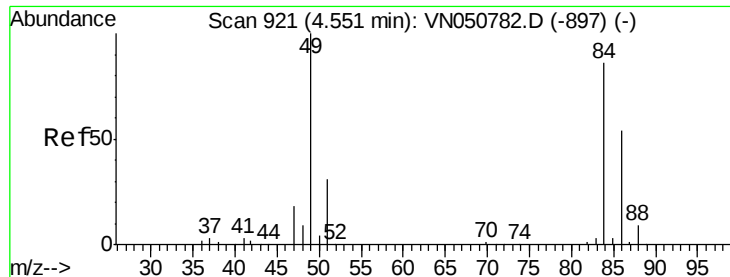
Tot Ion: 76 Resp: 6089
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



#18
Methyl Acetate
Concen: 1.33 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050874.D
Acq: 24 Aug 2018 14:03

Tgt Ion: 43 Resp: 9743
Ion Ratio Lower Upper
43 100
74 20.1 19.8 29.8

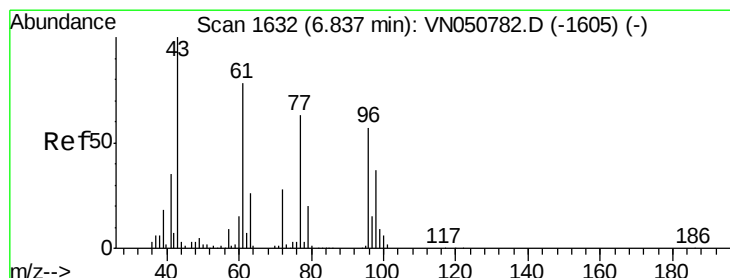
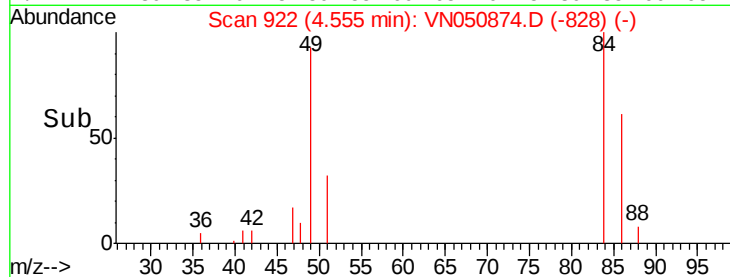
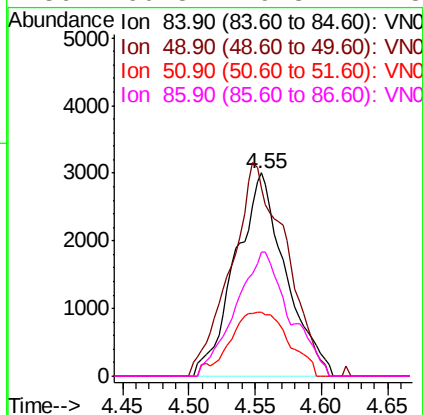
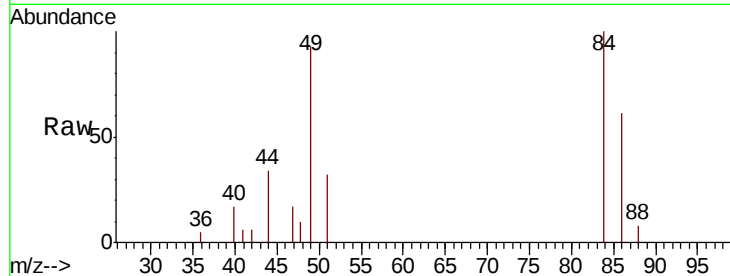




#20
Methvlene Chloride
Concen: 0.91 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050874.D
Acq: 24 Aug 2018 14:03

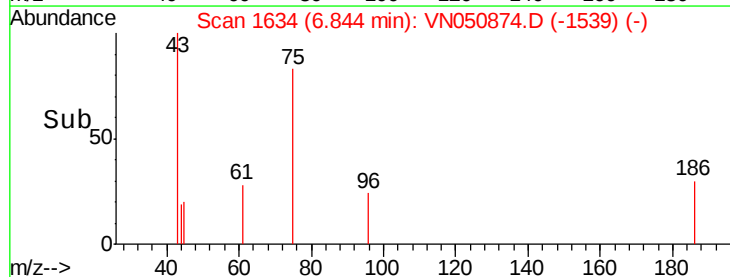
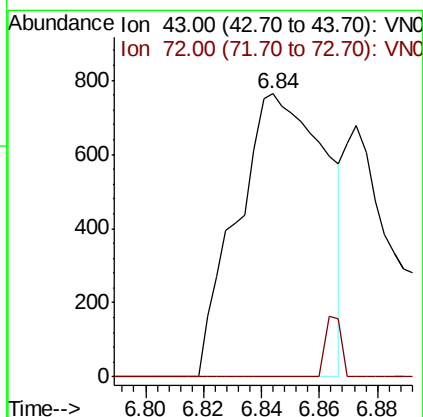
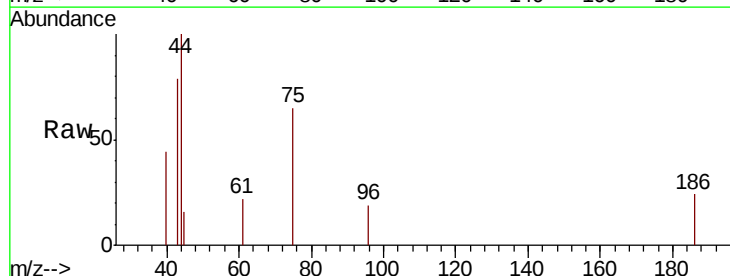
Instrument :
MSVOA_N
ClientSampleId :
PB112339TB

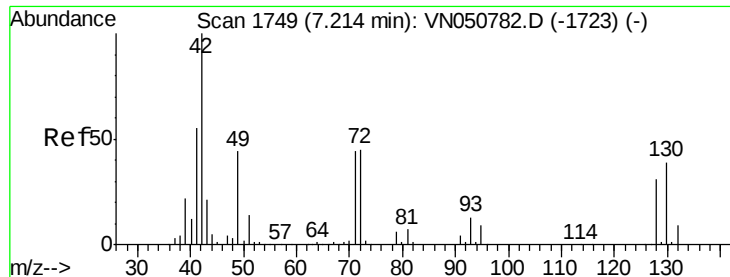
Tot Ion: 84 Resp: 7945
Ion Ratio Lower Upper
84 100
49 92.5 93.2 139.8#
51 31.6 29.0 43.6
86 60.8 49.8 74.8



#25
2-Butanone
Concen: 0.52 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.01 min
Lab File: VN050874.D
Acq: 24 Aug 2018 14:03

Tgt Ion: 43 Resp: 1619
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#





#29

Tetrahydrofuran

Concen: 0.34 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB112339TB

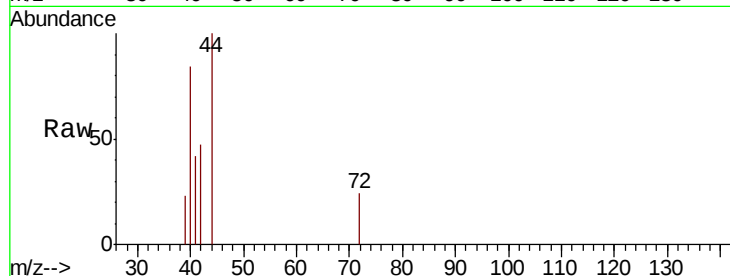
Tot Ion: 42 Resp: 614

Ion Ratio Lower Upper

42 100

72 27.0 35.5 53.3#

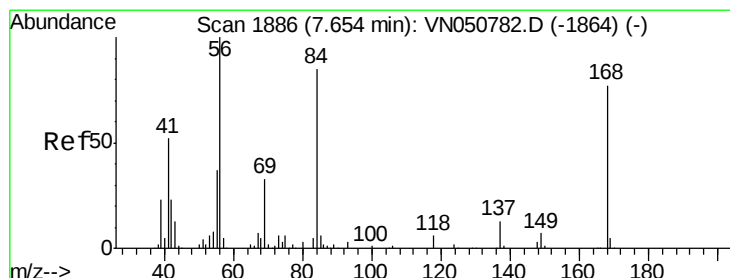
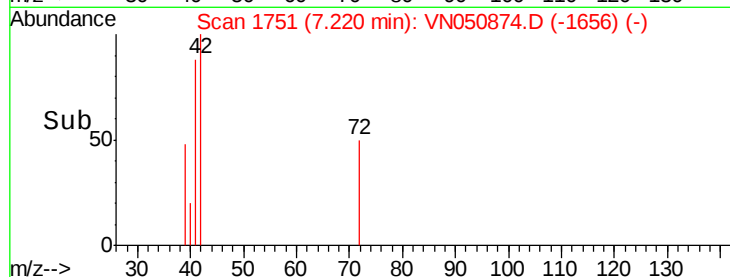
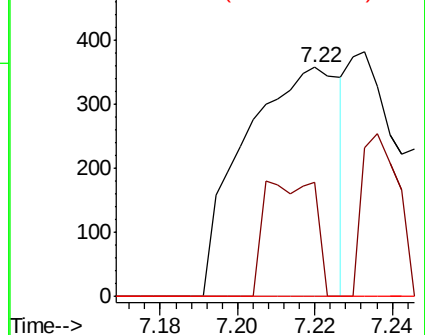
71 0.0 33.7 50.5#



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: 1.29 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

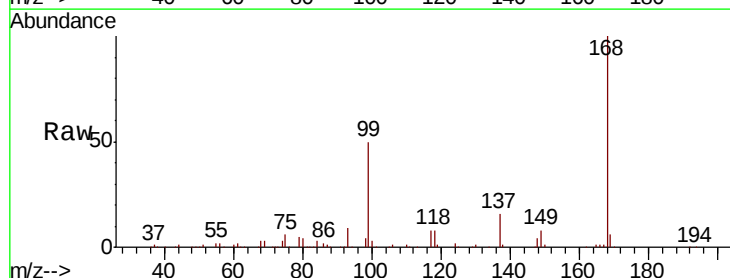
Tgt Ion: 56 Resp: 10970

Ion Ratio Lower Upper

56 100

69 181.3 26.2 39.4#

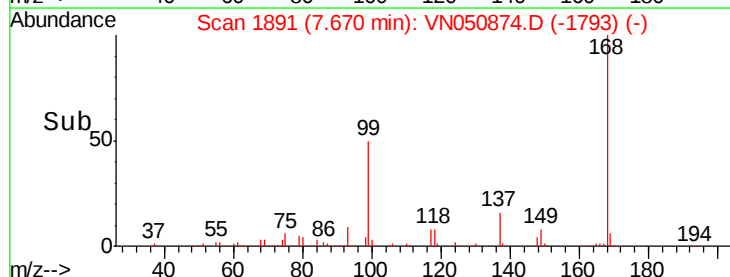
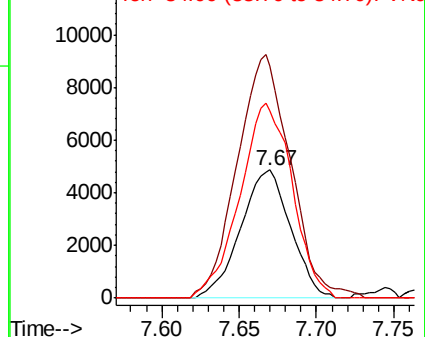
84 146.4 68.3 102.5#

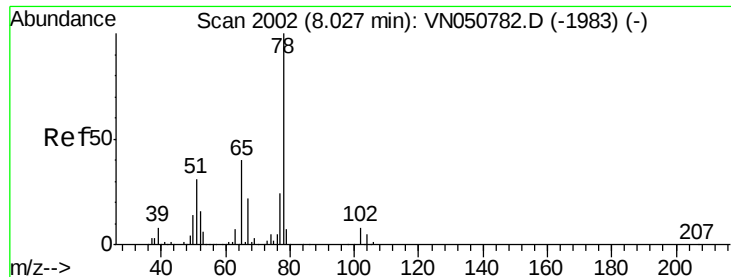


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

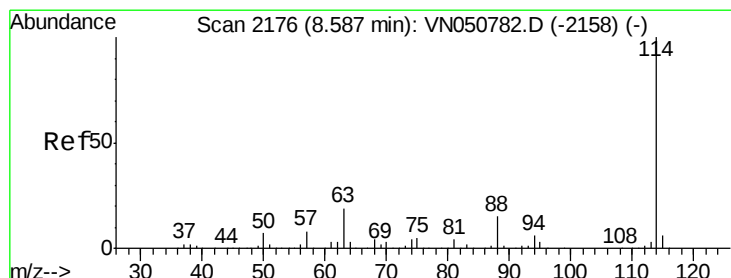
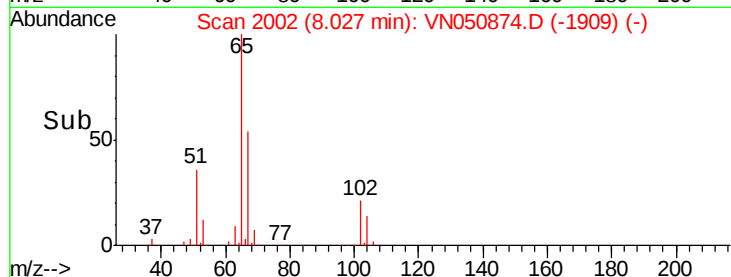
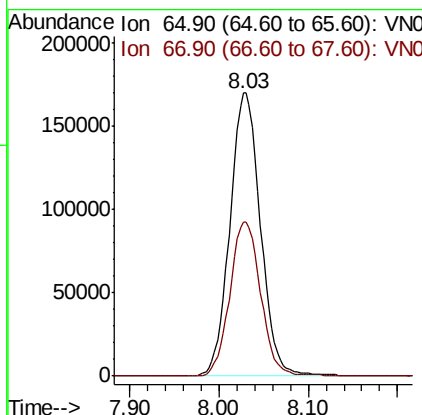
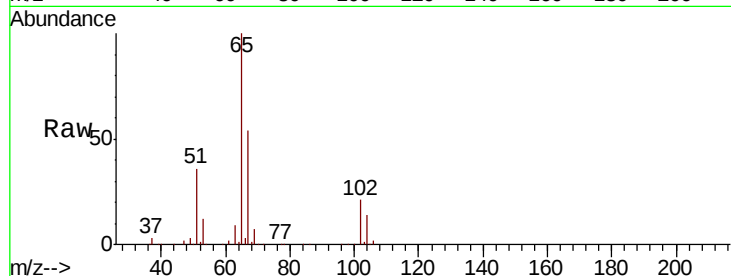




#33
 1,2-Dichloroethane-d4
 Concen: 52.13 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN050874.D
 Acq: 24 Aug 2018 14:03

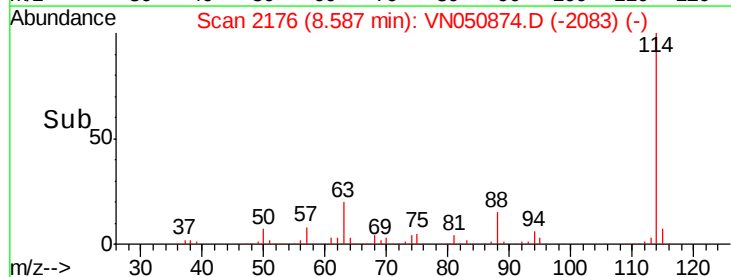
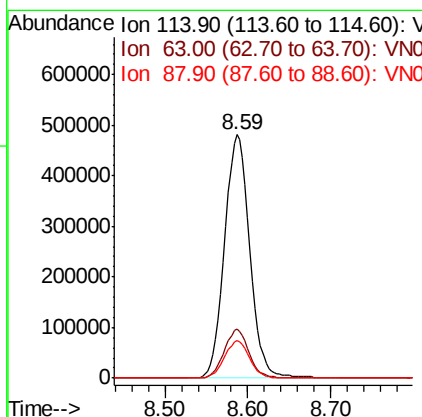
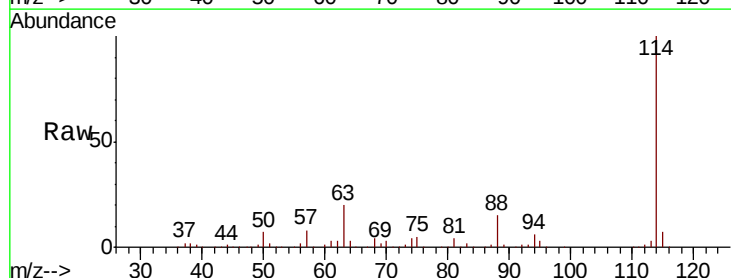
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112339TB

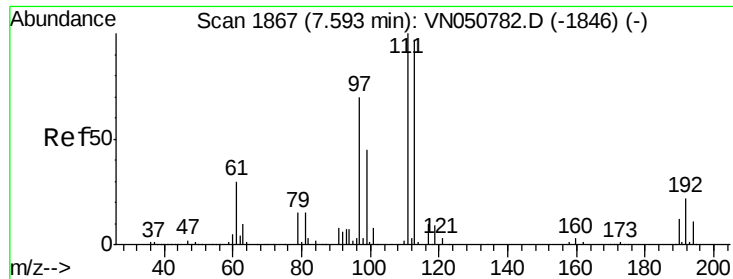
Tot Ion: 65 Resp: 403594
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050874.D
 Acq: 24 Aug 2018 14:03

Tgt Ion: 114 Resp: 1016547
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.6
 88 15.3 0.0 30.6

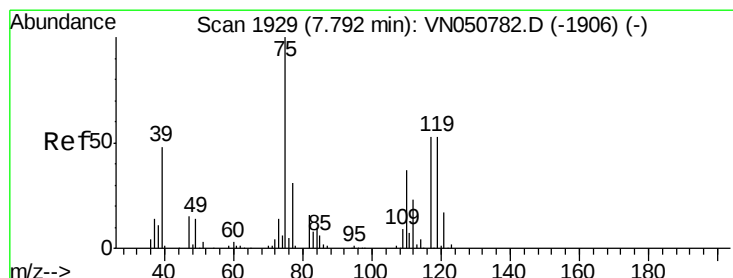
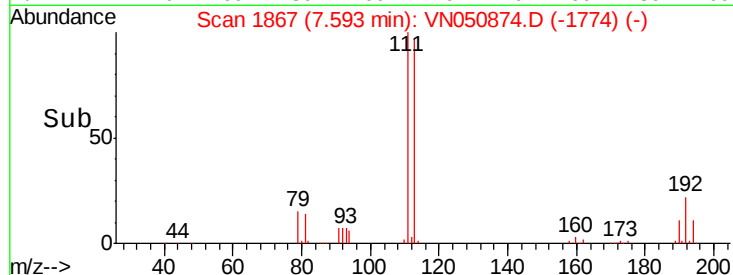
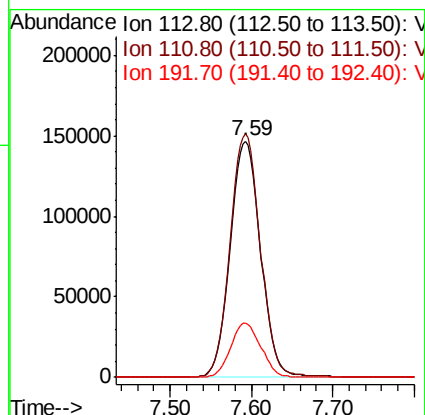
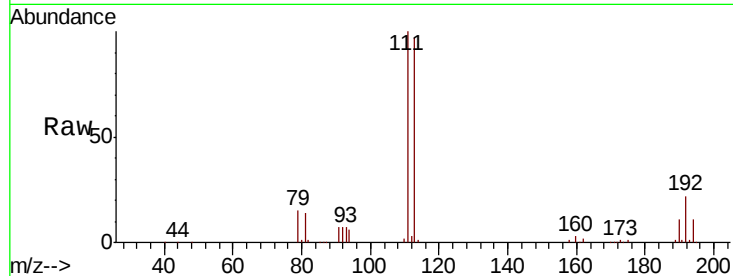




#35
 Dibromofluoromethane
 Concen: 47.38 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050874.D
 Acq: 24 Aug 2018 14:03

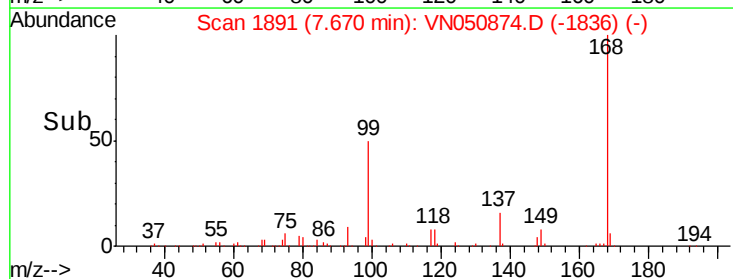
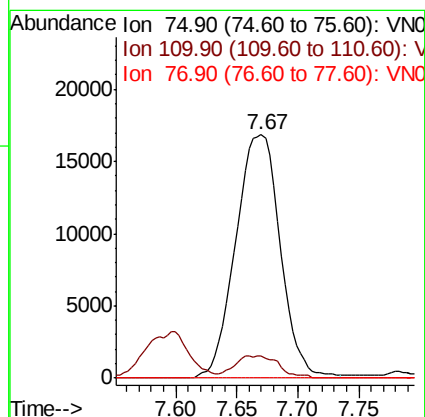
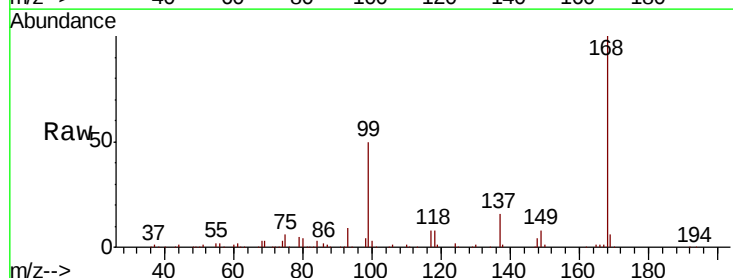
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112339TB

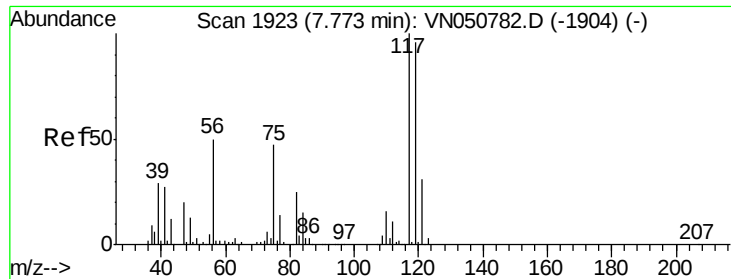
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.8	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 3.56 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN050874.D
 Acq: 24 Aug 2018 14:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 4.60 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB112339TB

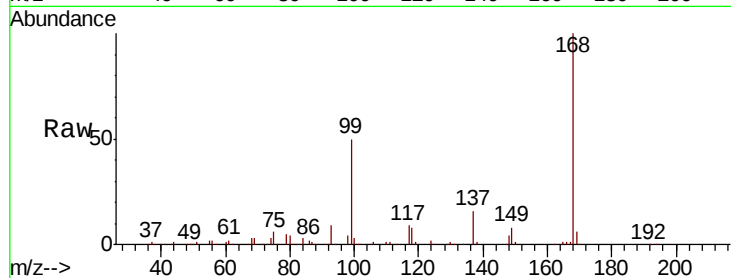
Tot Ion:117 Resp: 55721

Ion Ratio Lower Upper

117 100

119 6.5 76.3 114.5#

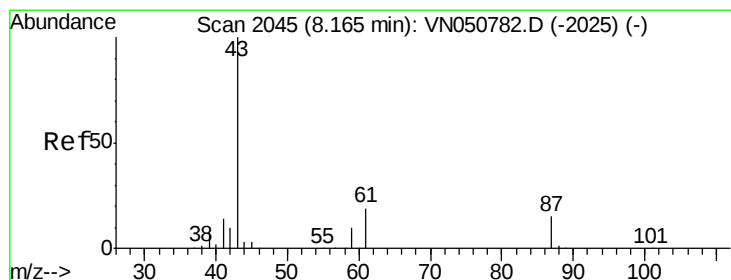
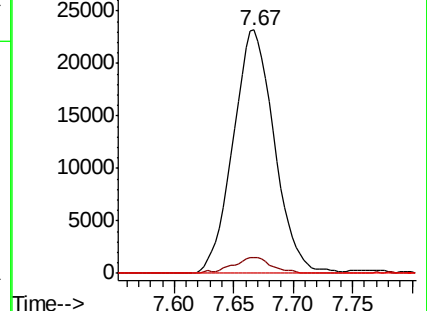
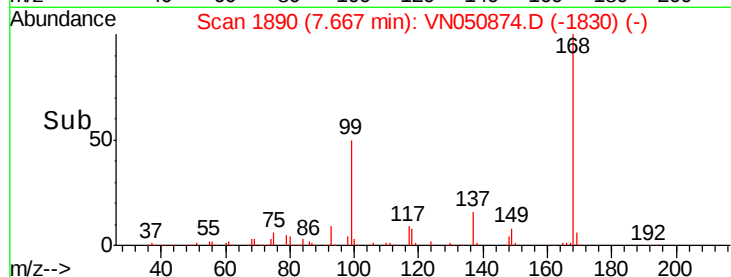
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 21.98 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

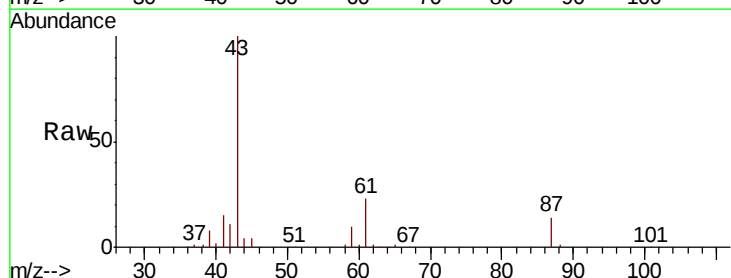
Tgt Ion: 43 Resp: 260468

Ion Ratio Lower Upper

43 100

61 21.7 17.5 26.3

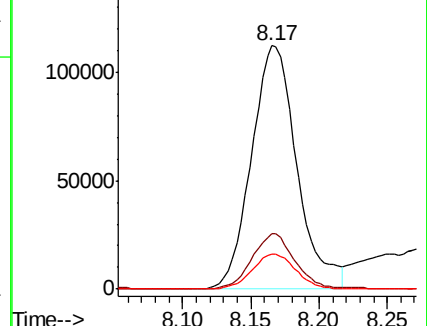
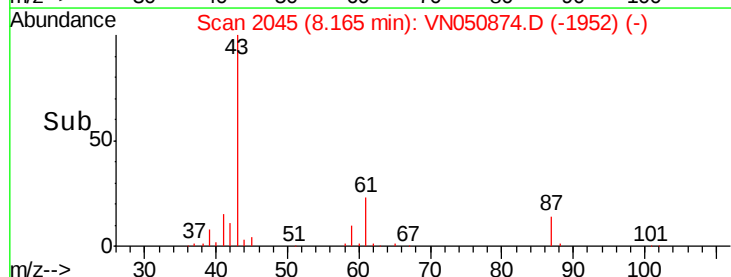
87 13.9 11.3 16.9

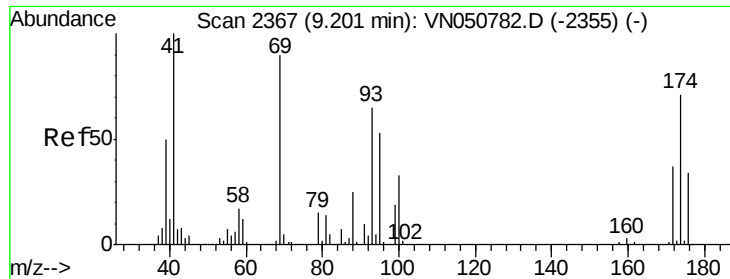


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

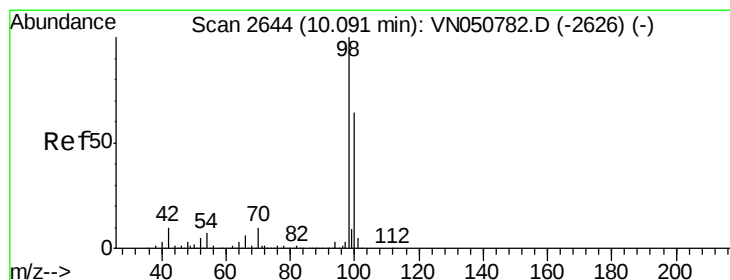
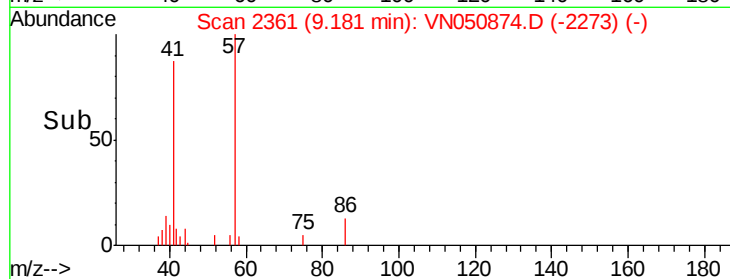
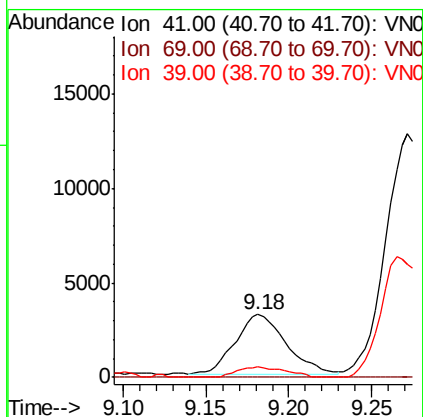
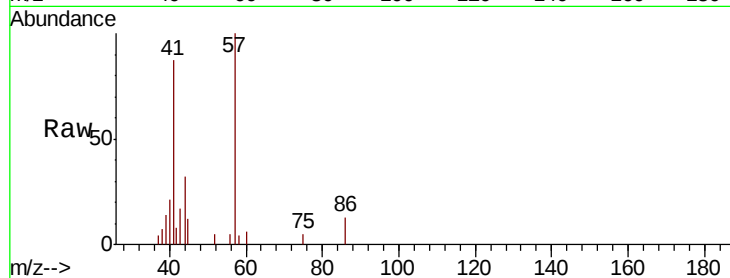




#48
Methyl methacrylate
Concen: 1.10 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050874.D
Acq: 24 Aug 2018 14:03

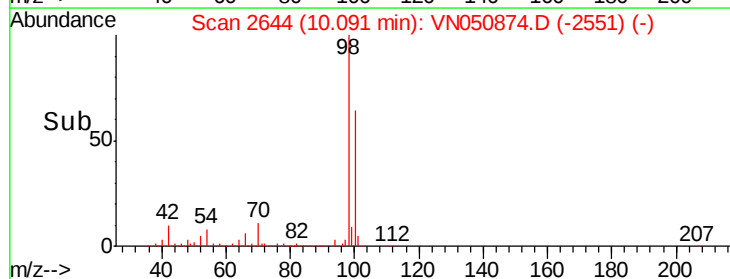
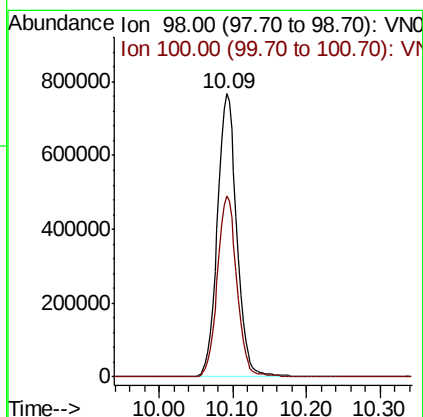
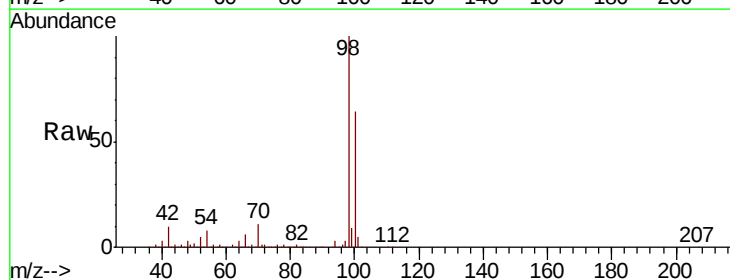
Instrument :
MSVOA_N
ClientSampled :
PB112339TB

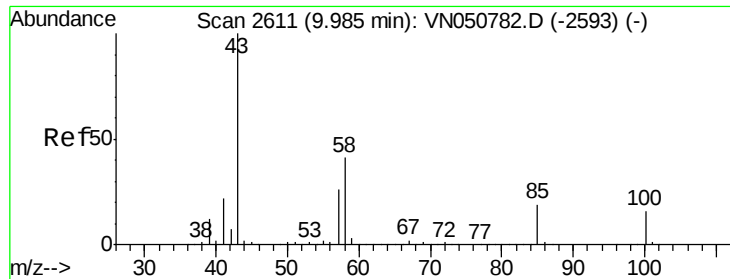
Tot Ion: 41 Resp: 6612
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 16.7 42.2 63.2#



#50
Toluene-d8
Concen: 46.36 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050874.D
Acq: 24 Aug 2018 14:03

Tgt Ion: 98 Resp: 1401621
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.36 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. 0.00 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

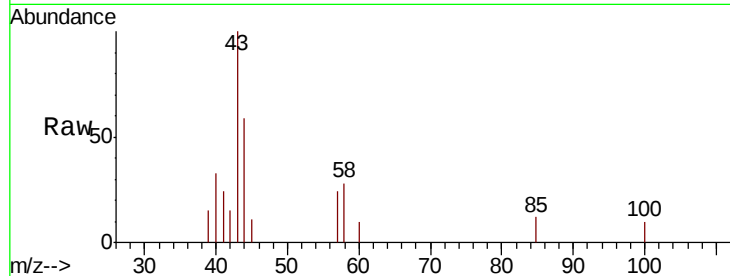
PB112339TB

Tot Ion: 43 Resp: 2535

Ion Ratio Lower Upper

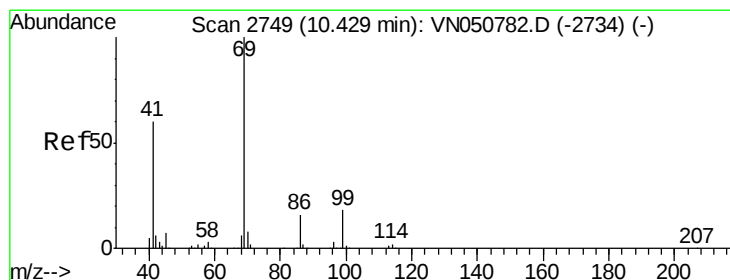
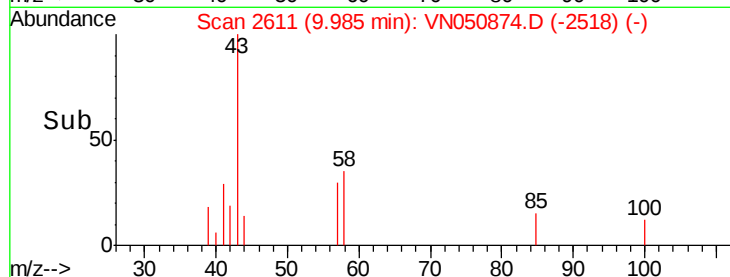
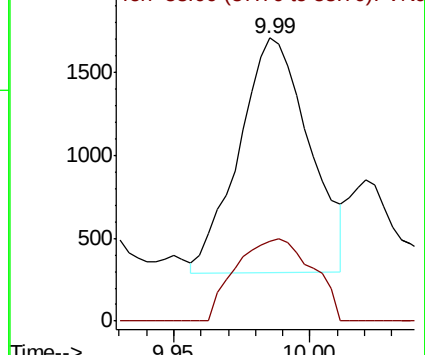
43 100

58 38.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#56

Ethyl methacrylate

Concen: 2.37 ug/l

RT: 10.44 min Scan# 2753

Delta R.T. 0.01 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

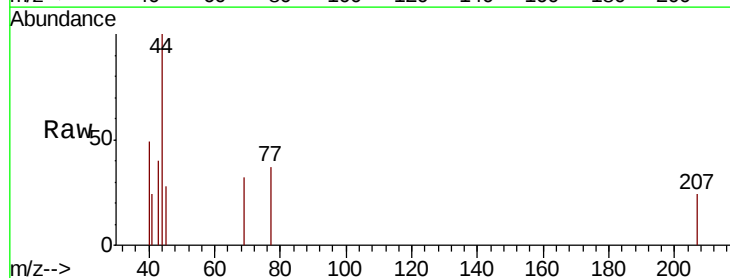
Tgt Ion: 69 Resp: 208

Ion Ratio Lower Upper

69 100

41 117.8 48.3 72.5#

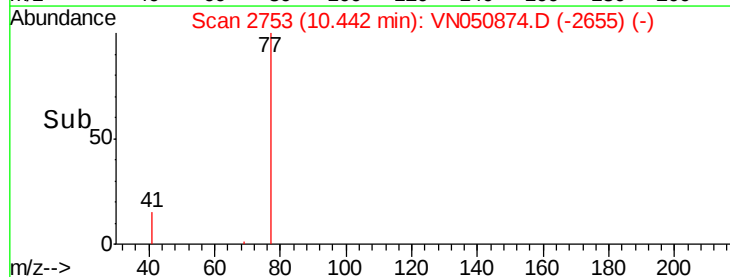
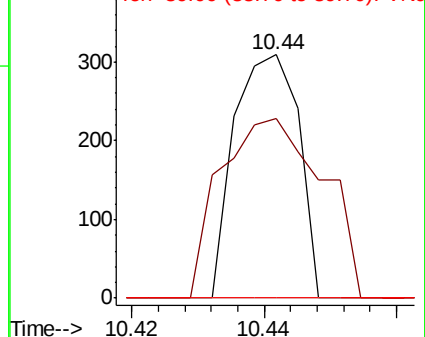
39 0.0 24.0 36.0#

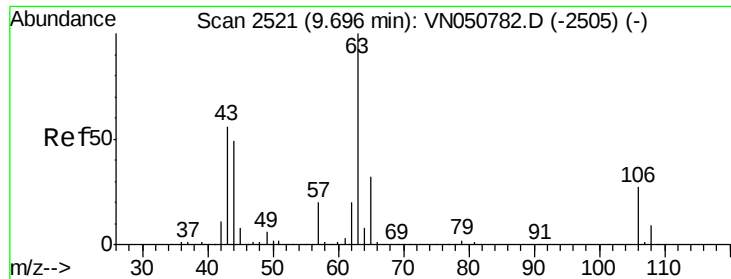


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

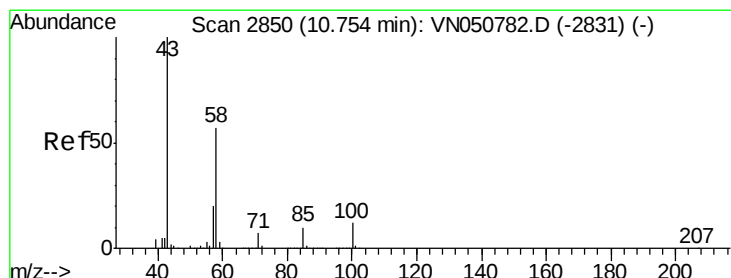
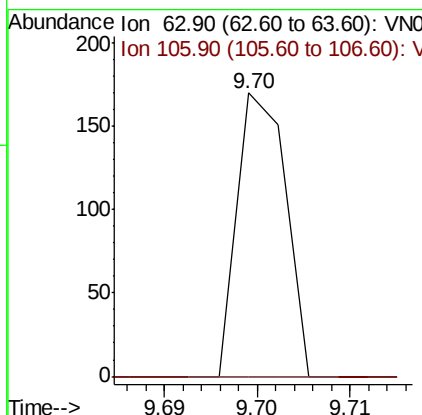
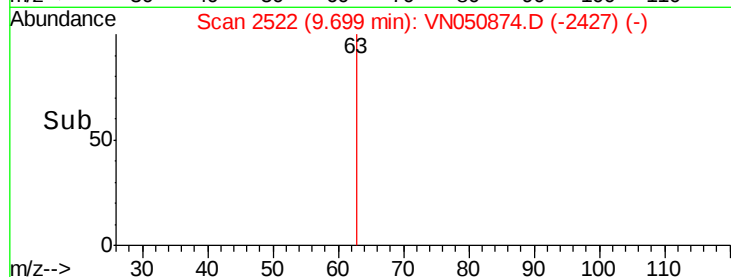
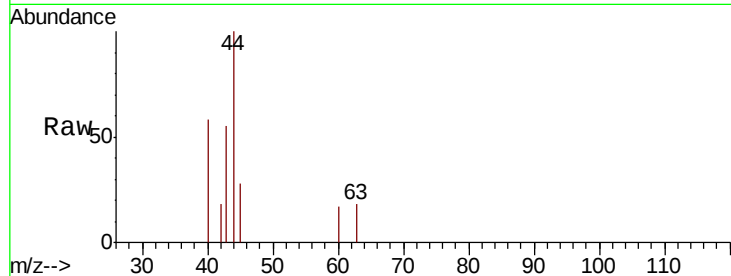




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.23 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN050874.D
 Acq: 24 Aug 2018 14:03

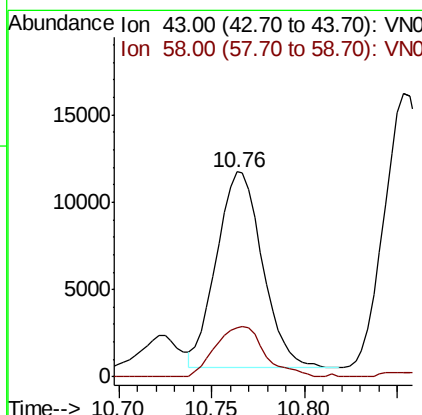
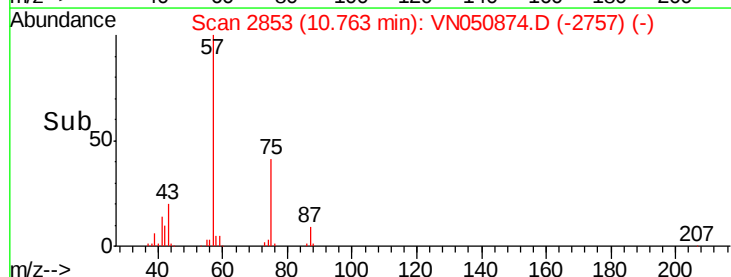
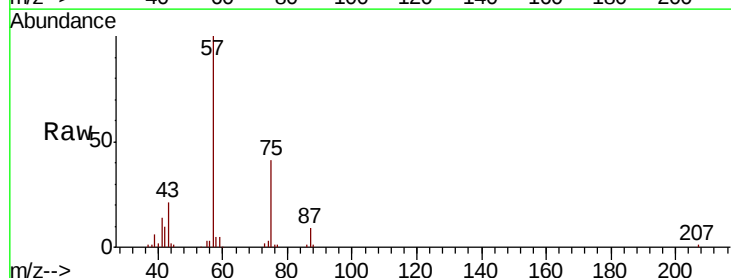
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112339TB

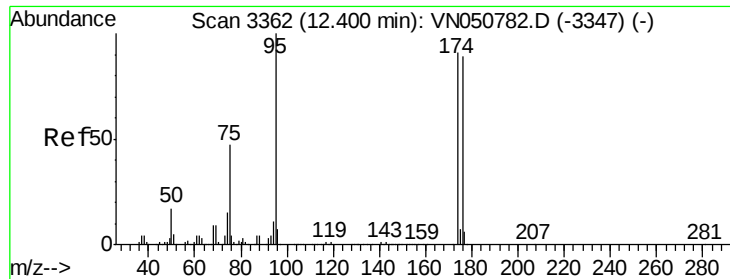
Tot Ion: 63 Resp: 62
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.9 32.9#



#59
 2-Hexanone
 Concen: 4.09 ug/l
 RT: 10.76 min Scan# 2853
 Delta R.T. 0.01 min
 Lab File: VN050874.D
 Acq: 24 Aug 2018 14:03

Tgt Ion: 43 Resp: 19231
 Ion Ratio Lower Upper
 43 100
 58 27.7 28.3 85.0#





#62

4-Bromofluorobenzene

Concen: 38.15 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB112339TB

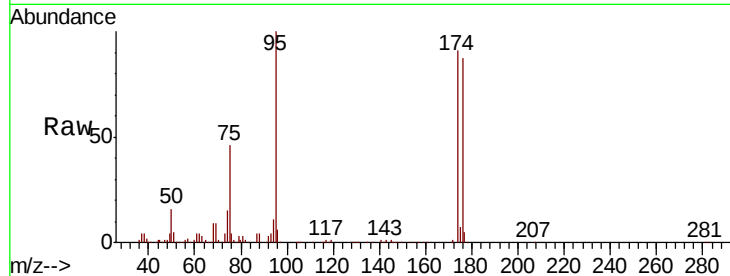
Tot Ion: 95 Resp: 383310

Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.0

176 87.3 0.0 178.8



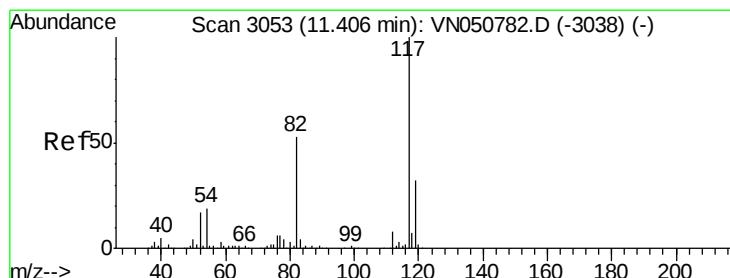
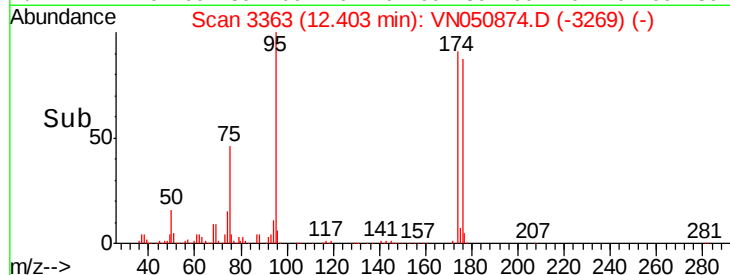
Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

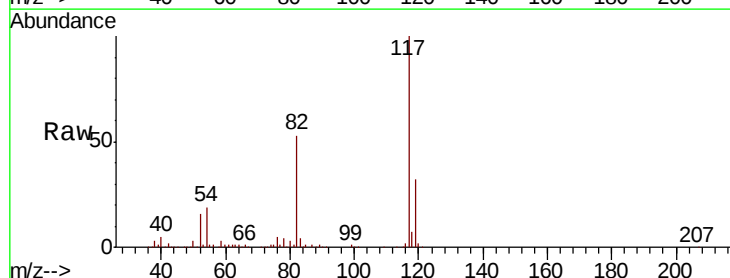
Tgt Ion: 117 Resp: 883158

Ion Ratio Lower Upper

117 100

82 52.9 42.6 64.0

119 32.0 25.8 38.6



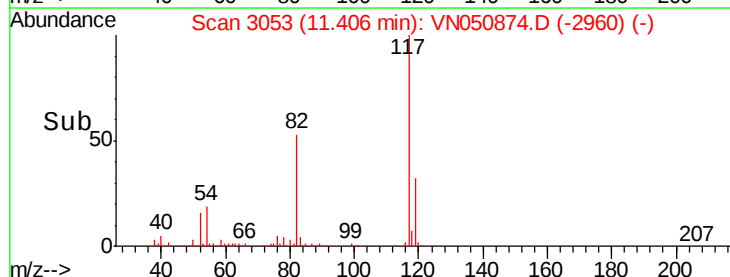
Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

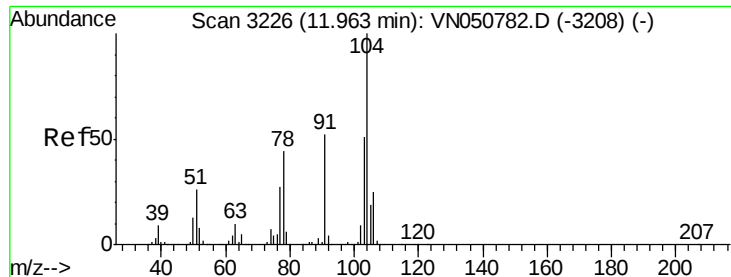
Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)

11.41

Time-->





#70

Stvrene

Concen: 1.34 ug/l

RT: 11.96 min Scan# 3225

Delta R.T. -0.00 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

Instrument :

MSVOA_N

ClientSampled :

PB112339TB

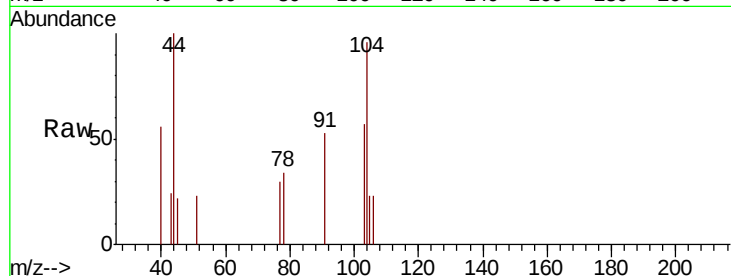
Tot Ion:104 Resp: 1656

Ion Ratio Lower Upper

104 100

78 35.8 38.2 57.4#

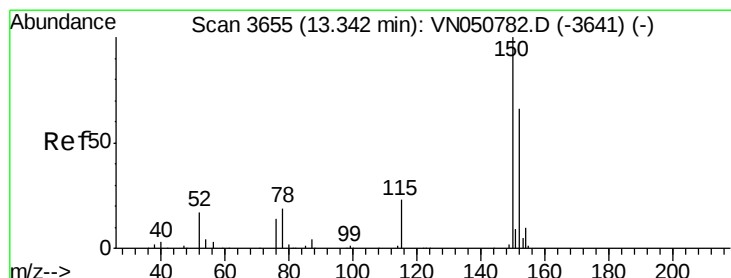
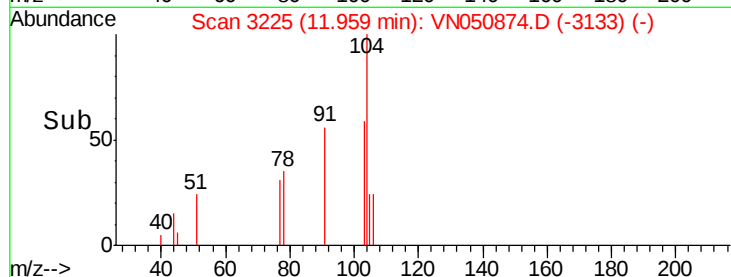
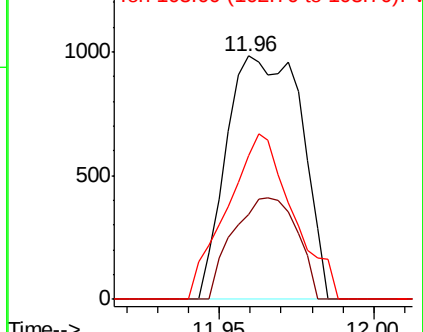
103 59.7 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

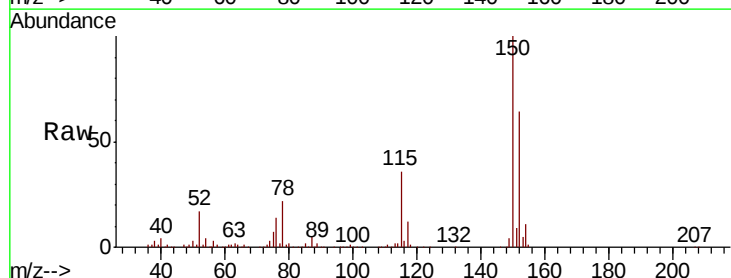
Tgt Ion:152 Resp: 295264

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

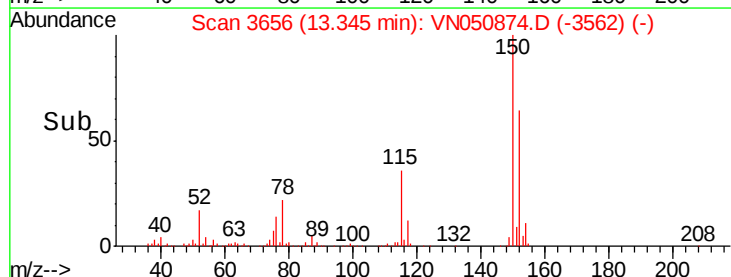
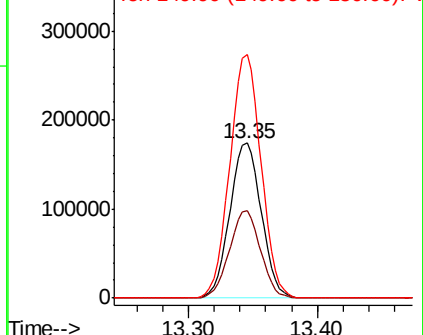
150 155.7 0.0 351.4

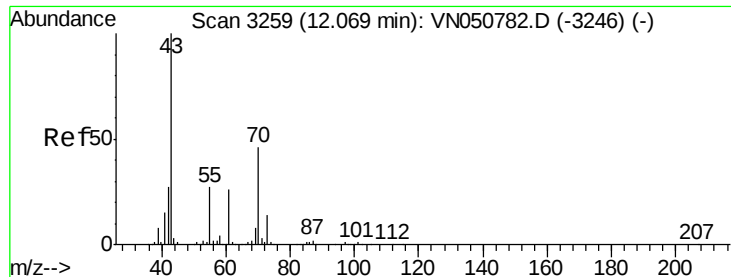


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.26 ug/l

RT: 12.08 min Scan# 3264

Delta R.T. 0.02 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

Instrument :

MSVOA_N

ClientSampled :

PB112339TB

Tot Ion: 43 Resp: 1577

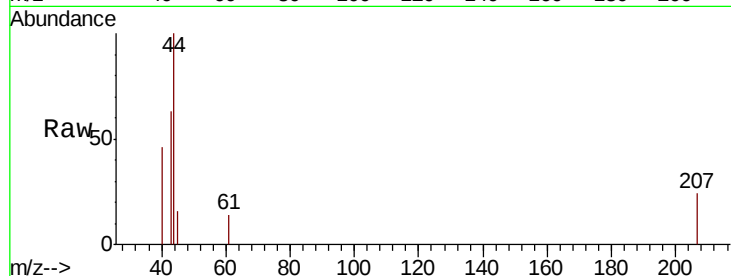
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 0.0 21.8 32.8#

61 1.8 20.5 30.7#

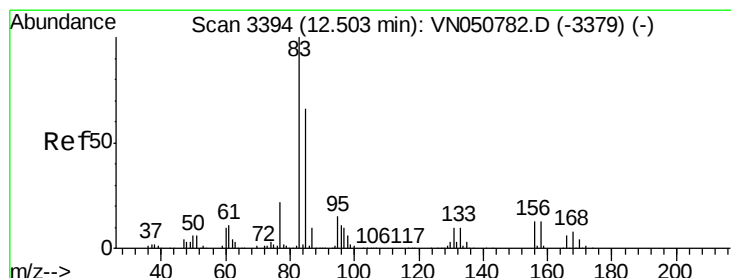
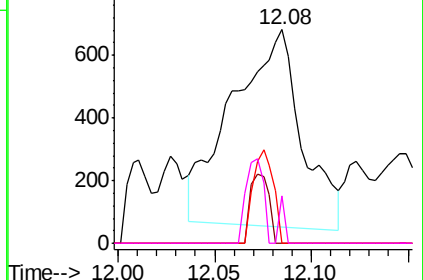
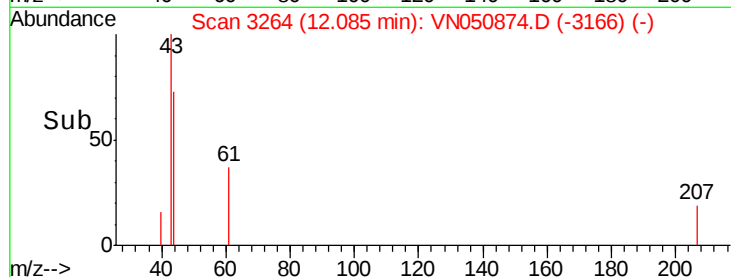


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

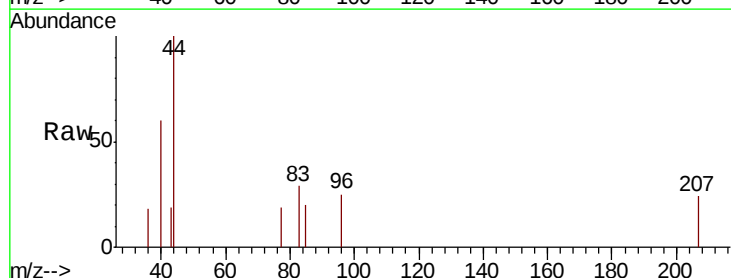
Tgt Ion: 83 Resp: 330

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

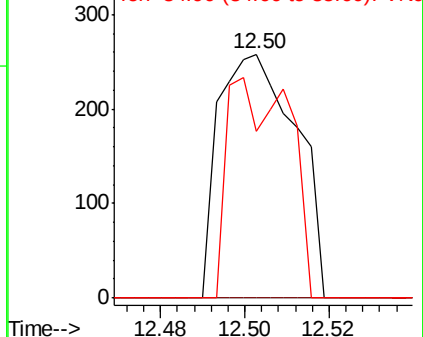
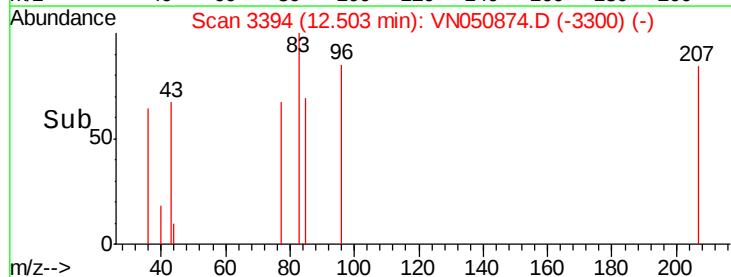
85 37.3 31.9 95.7

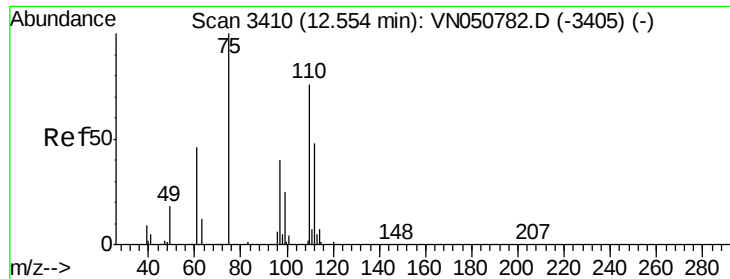


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

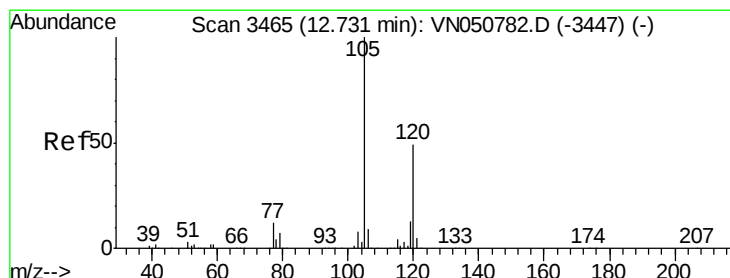
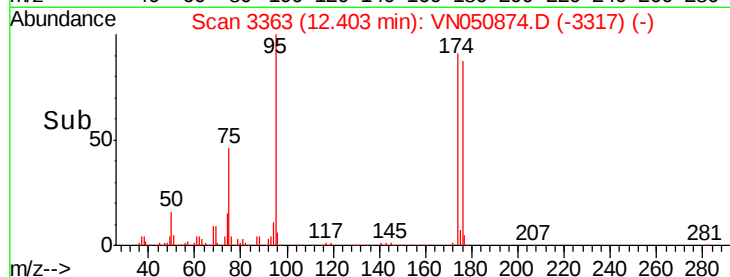
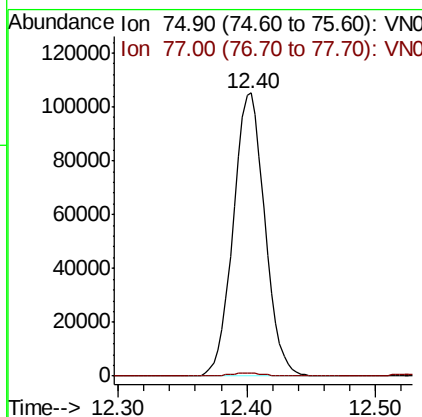
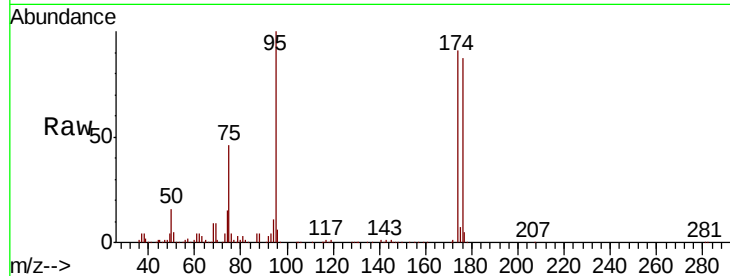




#76
 1,2,3-Trichloropropane
 Concen: 34.56 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN050874.D
 Acq: 24 Aug 2018 14:03

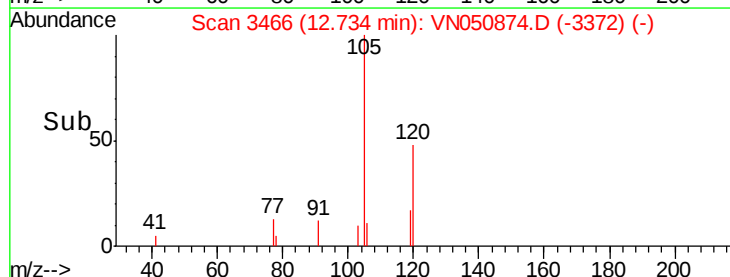
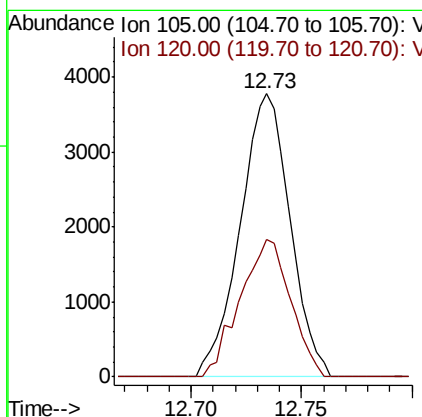
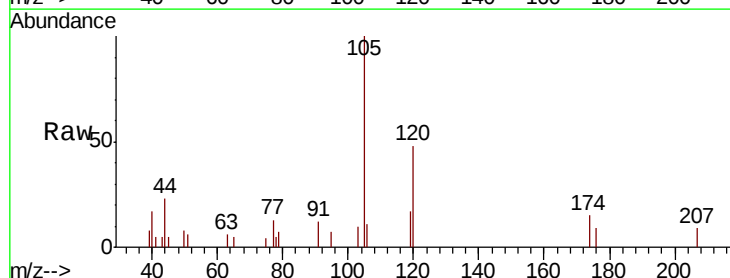
Instrument :
 MSVOA_N
 ClientSampled :
 PB112339TB

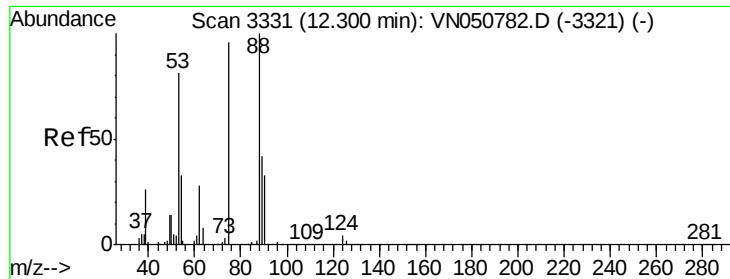
Tot Ion: 75 Resp: 178741
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.30 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN050874.D
 Acq: 24 Aug 2018 14:03

Tgt Ion: 105 Resp: 5928
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 116.84 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

Instrument :

MSVOA_N

ClientSampled :

PB112339TB

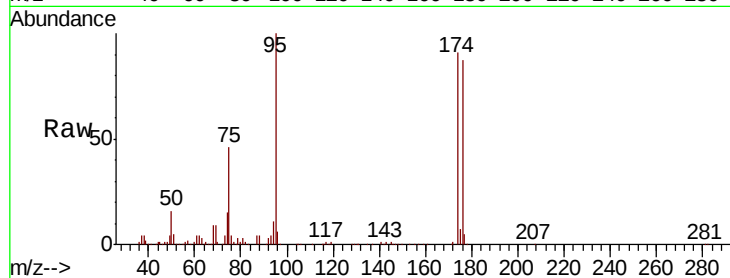
Tot Ion: 75 Resp: 178741

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

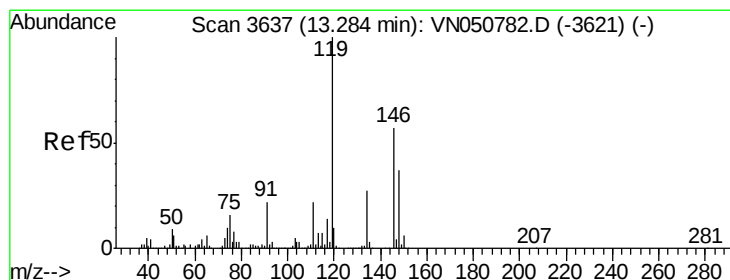
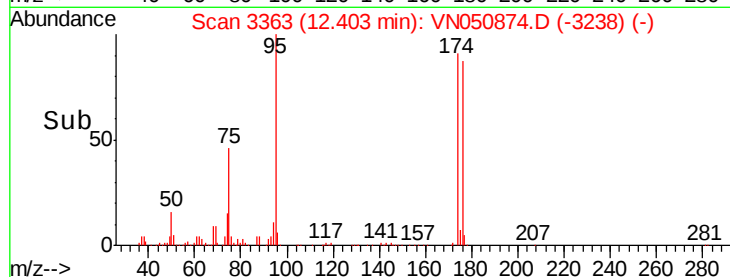
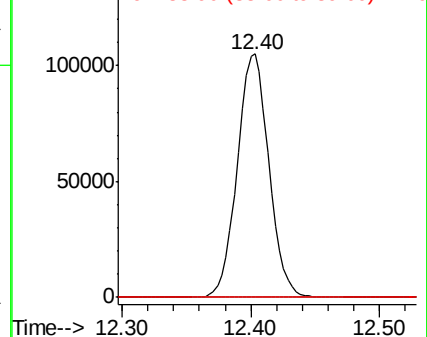
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#87

1,3-Dichlorobenzene

Concen: 0.25 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

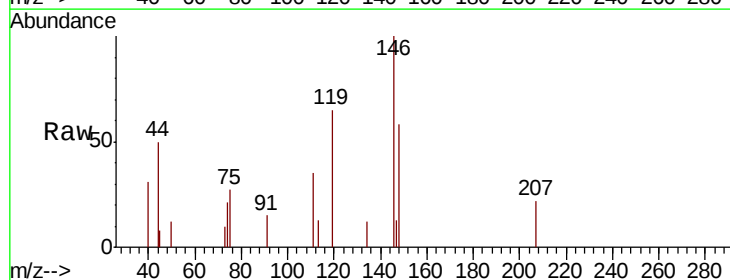
Tgt Ion: 146 Resp: 2826

Ion Ratio Lower Upper

146 100

111 34.6 19.1 57.3

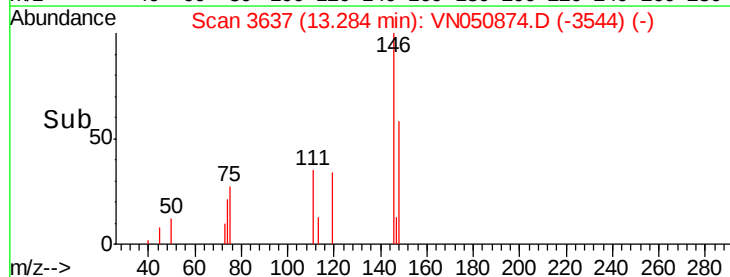
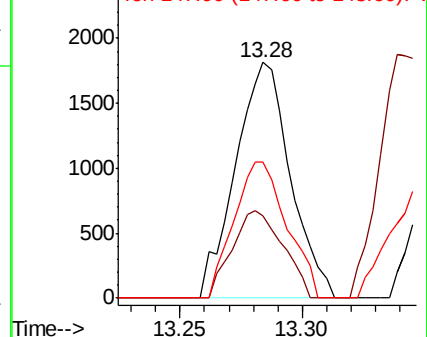
148 55.6 32.2 96.6

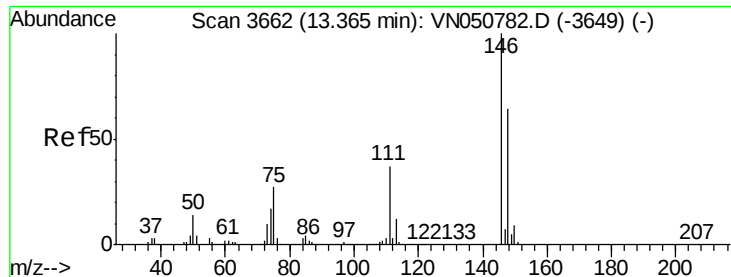


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

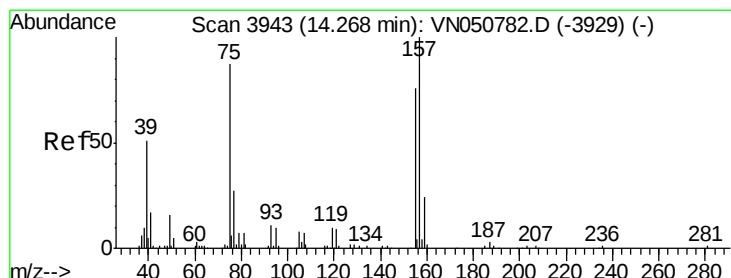
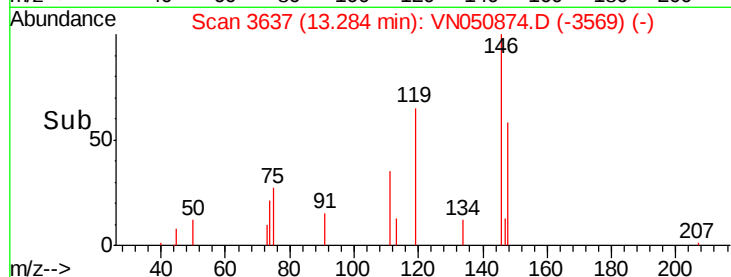
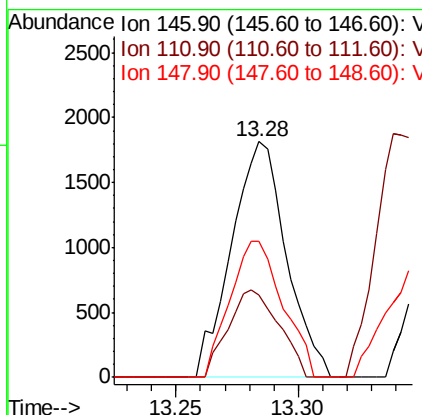
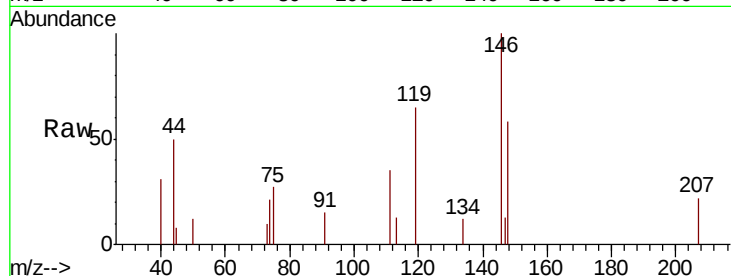




#88
 1,4-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.08 min
 Lab File: VN050874.D
 Acq: 24 Aug 2018 14:03

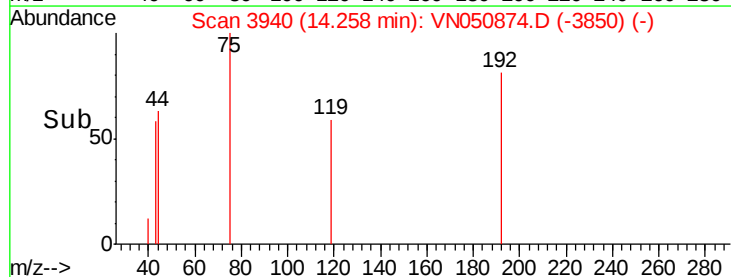
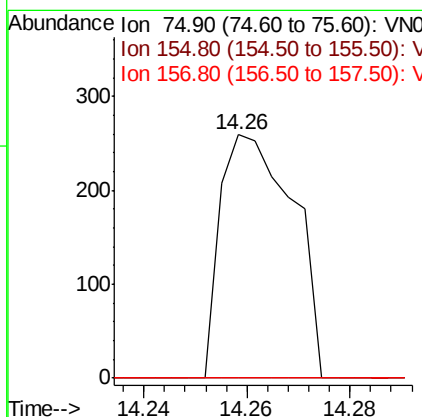
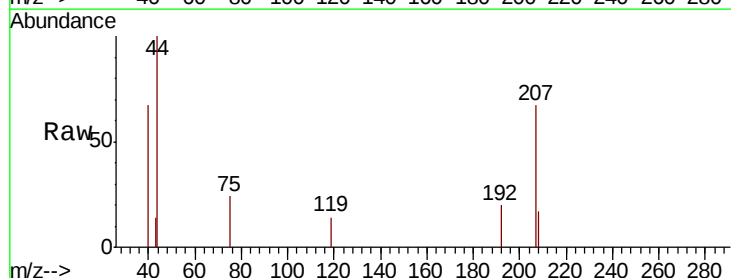
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112339TB

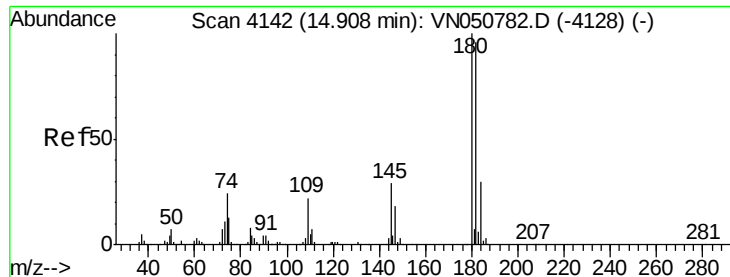
Tot Ion:146 Resp: 2826
 Ion Ratio Lower Upper
 146 100
 111 34.6 18.8 56.3
 148 55.6 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.29 ug/l
 RT: 14.26 min Scan# 3940
 Delta R.T. -0.01 min
 Lab File: VN050874.D
 Acq: 24 Aug 2018 14:03

Tgt Ion: 75 Resp: 252
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.4 139.1#
 157 0.0 60.7 182.0#

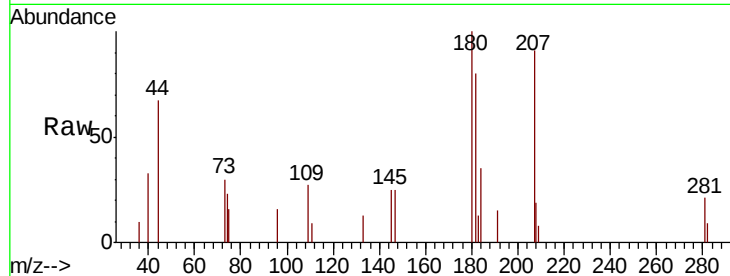




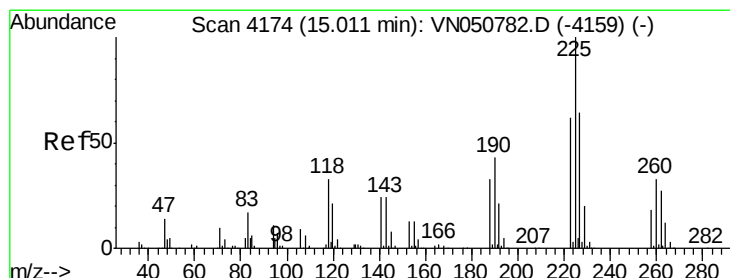
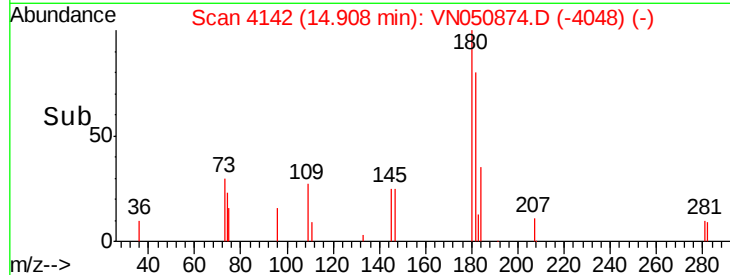
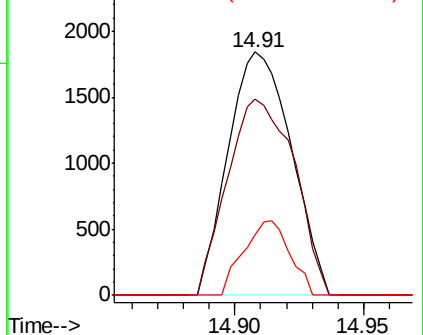
#93
 1,2,4-Trichlorobenzene
 Concen: 4.59 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. 0.00 min
 Lab File: VN050874.D
 Acq: 24 Aug 2018 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112339TB

Tot Ion:180 Resp: 3148
 Ion Ratio Lower Upper
 180 100
 182 85.3 48.2 144.6
 145 22.3 14.1 42.2

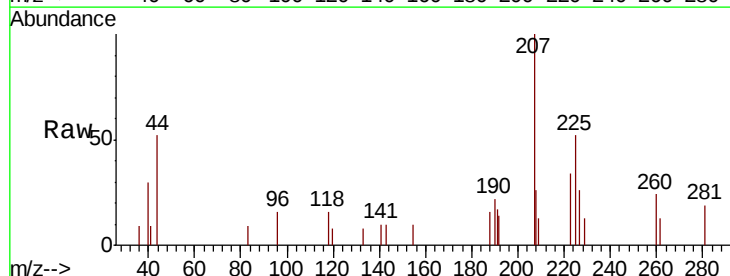


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

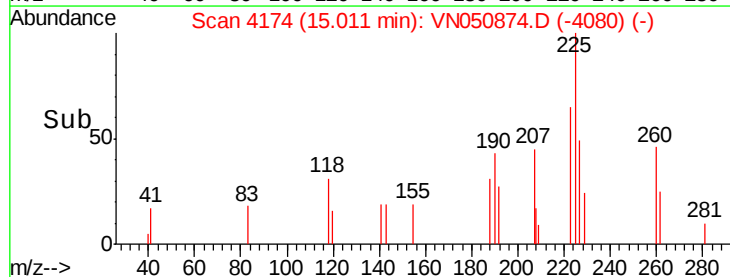
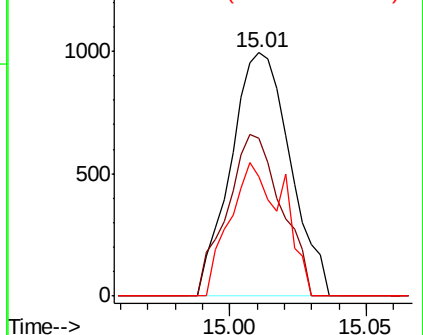


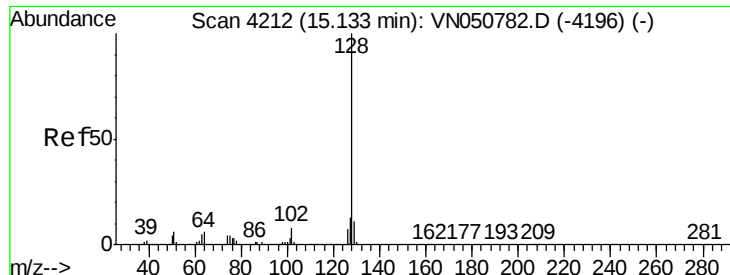
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050874.D
 Acq: 24 Aug 2018 14:03

Tgt Ion:225 Resp: 1503
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.3 93.8
 227 49.8 32.0 96.2



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: 5.90 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

Instrument :

MSVOA_N

ClientSampled :

PB112339TB

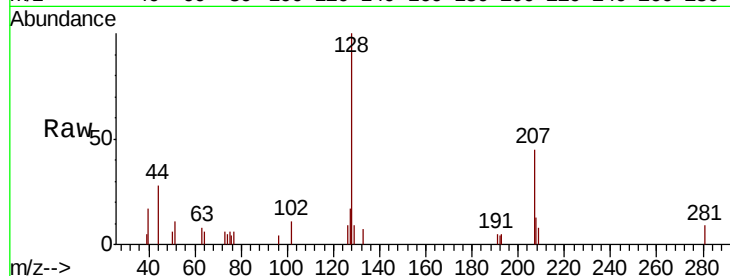
Tot Ion:128 Resp: 6567

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 8.4 8.7 13.1#

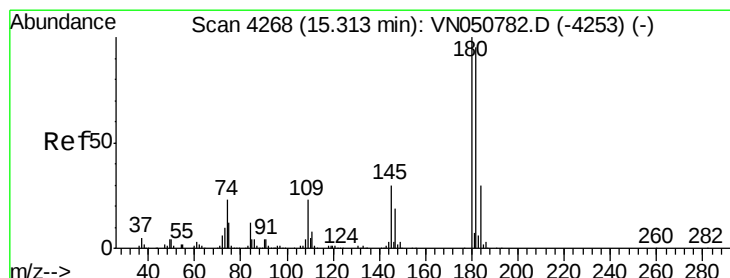
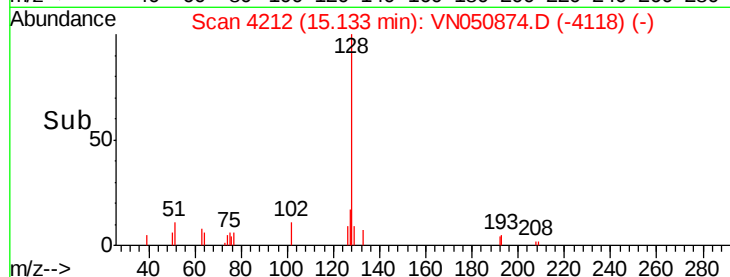
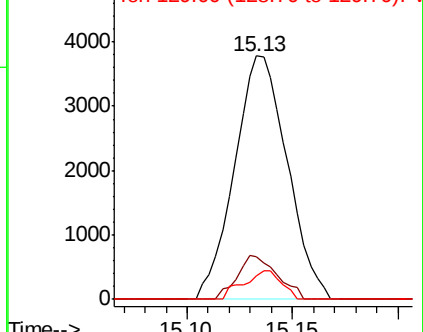


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.83 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050874.D

Acq: 24 Aug 2018 14:03

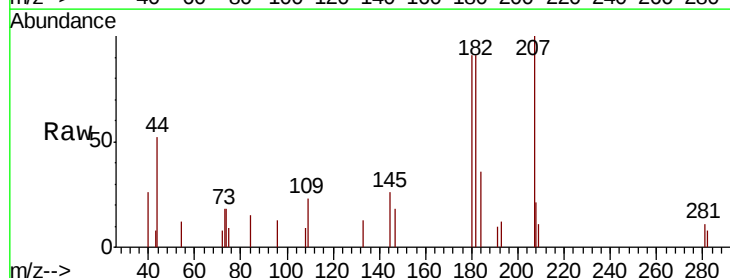
Tgt Ion:180 Resp: 3022

Ion Ratio Lower Upper

180 100

182 98.0 48.0 144.2

145 27.5 15.2 45.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

