

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050893.D
 Acq On : 27 Aug 2018 12:54
 Operator : MD\SY
 Sample : PB112375ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375ZHE#01

Quant Time: Aug 28 01:38:05 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	628641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1013260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	864294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	268821	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	396659	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	
35) Dibromofluoromethane	7.59	113	382000	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
50) Toluene-d8	10.09	98	1393432	46.23	ug/l	0.00
Spiked Amount			Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.40	95	359281	35.87	ug/l	0.00
Spiked Amount			Recovery	=	71.74%	

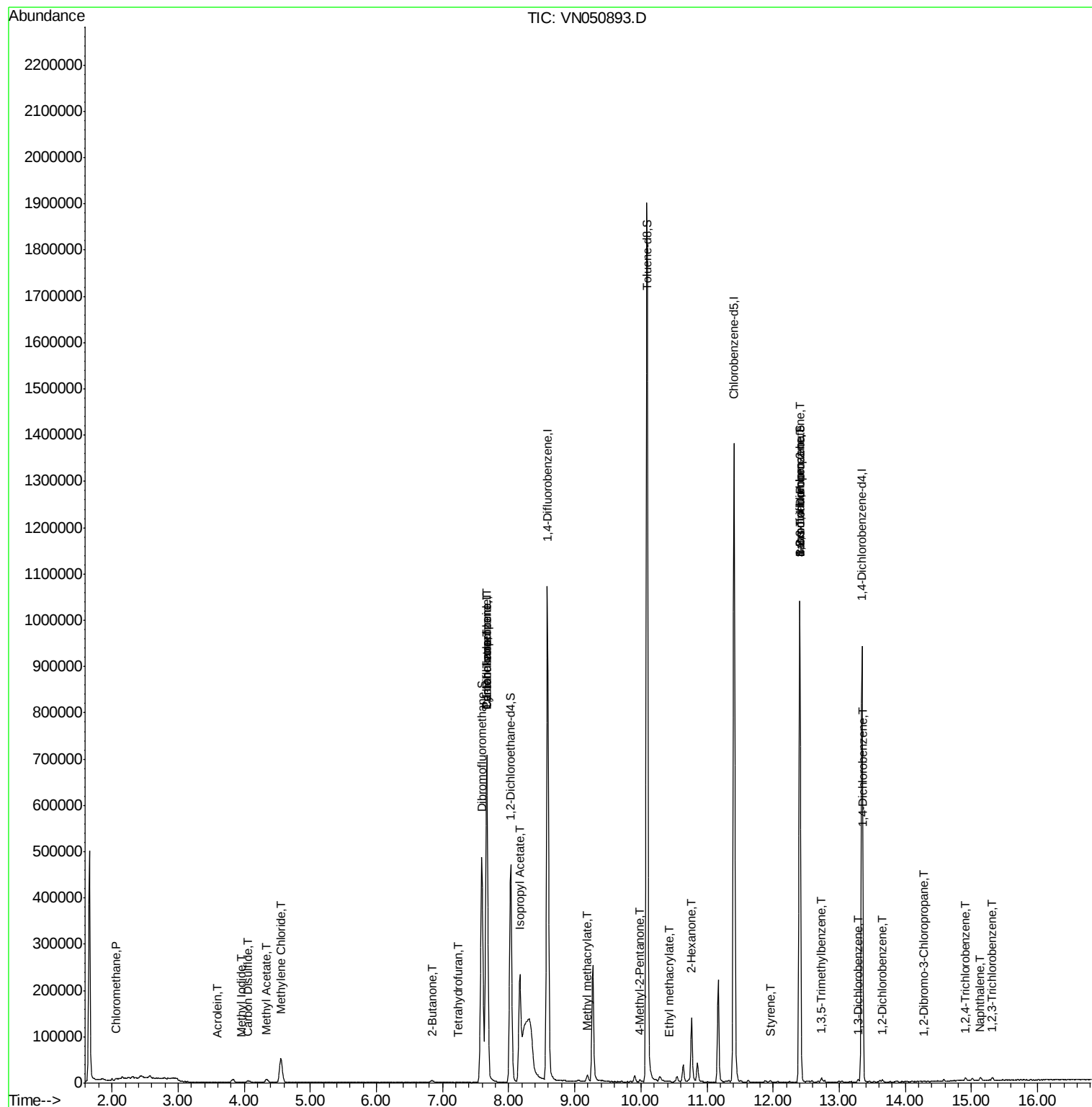
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2589	0.25	ug/l	98
5) Bromomethane	2.57	94	3558	Below Cal		95
10) Methyl Iodide	3.95	142	700	6.43	ug/l #	61
13) Acrolein	3.60	56	99	18.24	ug/l #	14
17) Carbon Disulfide	4.06	76	5491	0.23	ug/l	98
18) Methyl Acetate	4.33	43	12718	1.78	ug/l	95
20) Methylene Chloride	4.55	84	41618	4.88	ug/l	96
25) 2-Butanone	6.85	43	2355	0.77	ug/l	90
29) Tetrahydrofuran	7.22	42	1226	0.70	ug/l #	40
31) Cyclohexane	7.67	56	10978	1.31	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41778	3.49	ug/l #	49
38) Carbon Tetrachloride	7.67	117	54550	4.51	ug/l #	17
43) Isopropyl Acetate	8.17	43	300219	25.42	ug/l	96
48) Methyl methacrylate	9.18	41	9094	1.51	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	2997	0.43	ug/l #	86
56) Ethyl methacrylate	10.43	69	72	2.36	ug/l #	28
59) 2-Hexanone	10.77	43	21102	4.50	ug/l #	57
70) Styrene	11.97	104	1311	1.32	ug/l	92
71) Bromoform	12.40	173	2720	0.48	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	300	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	167190	35.51	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4463	0.25	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	167190	120.04	ug/l #	15
87) 1,3-Dichlorobenzene	13.29	146	2164	0.21	ug/l #	80
88) 1,4-Dichlorobenzene	13.37	146	2799	0.28	ug/l #	2
91) 1,2-Dichlorobenzene	13.65	146	2103	0.21	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	332	0.42	ug/l #	45
93) 1,2,4-Trichlorobenzene	14.91	180	2612	4.55	ug/l	94
94) Hexachlorobutadiene	15.01	225	1241	Below Cal		96
95) Naphthalene	15.14	128	6463	5.94	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	3140	3.90	ug/l	97

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

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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# 1891

Delta R.T. 0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

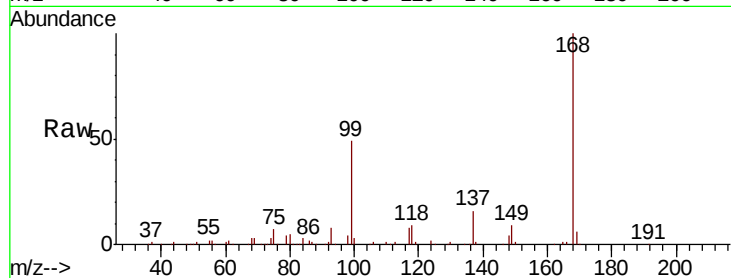
PB112375ZHE#01

Tot Ion:168 Resp: 628641

Ion Ratio Lower Upper

168 100

99 49.2 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

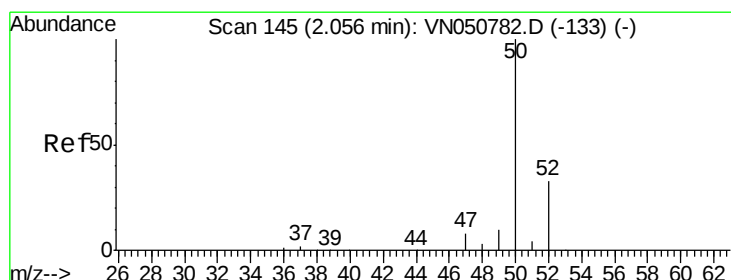
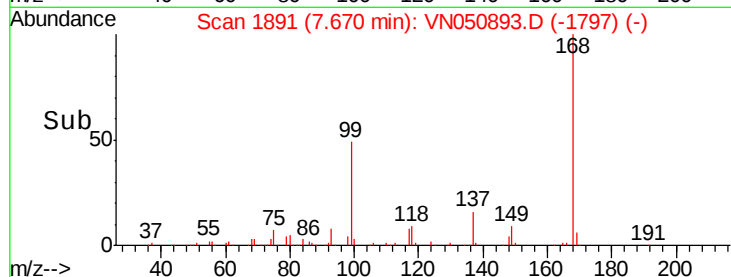
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.25 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050893.D

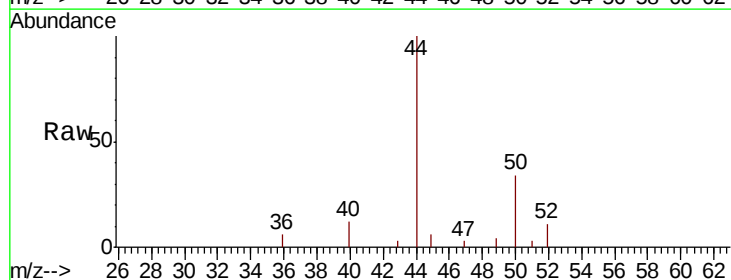
Acq: 27 Aug 2018 12:54

Tgt Ion: 50 Resp: 2589

Ion Ratio Lower Upper

50 100

52 33.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2000

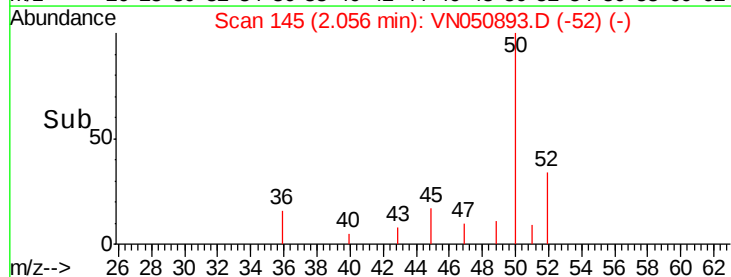
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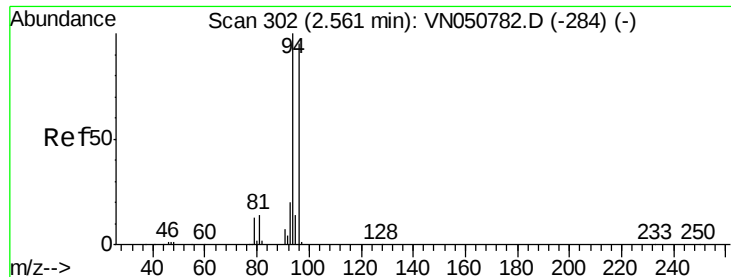
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

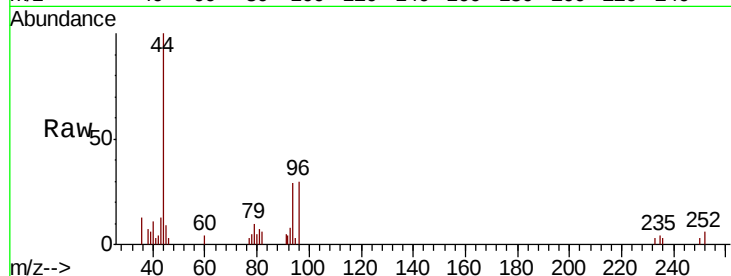
PB112375ZHE#01

Tot Ion: 94 Resp: 3558

Ion Ratio Lower Upper

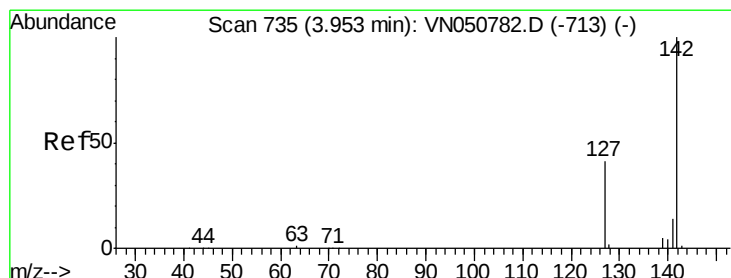
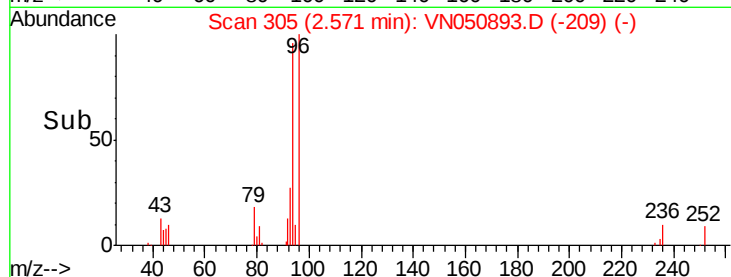
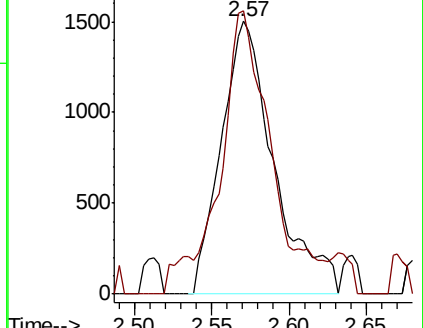
94 100

96 89.9 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050893.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN050893.D (-209) (-)



#10

Methyl Iodide

Concen: 6.43 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

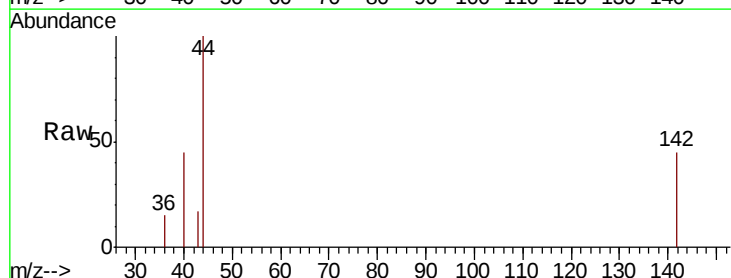
Tgt Ion: 142 Resp: 700

Ion Ratio Lower Upper

142 100

127 14.9 31.7 47.5#

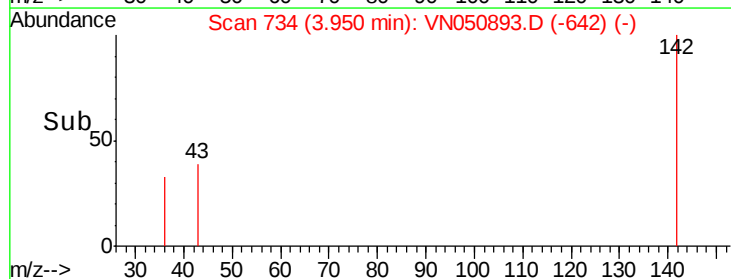
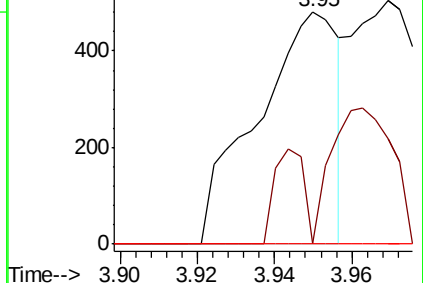
141 0.0 11.4 17.0#

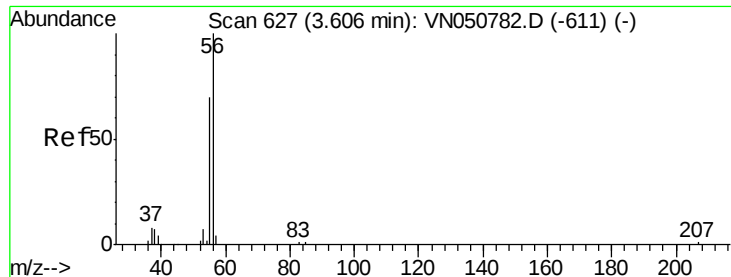


Abundance Ion 141.80 (141.50 to 142.50): VN050893.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050893.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050893.D (-642) (-)





#13

Acrolein

Concen: 18.24 ug/l

RT: 3.60 min Scan# 625

Delta R.T. -0.01 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

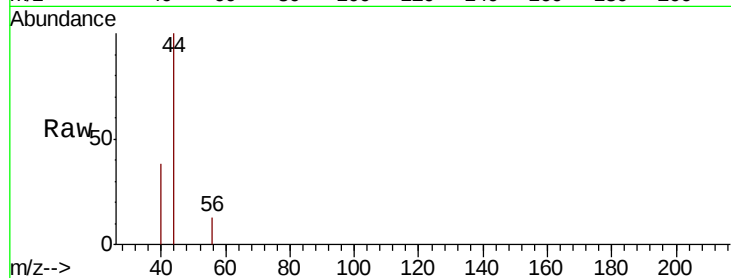
PB112375ZHE#01

Tot Ion: 56 Resp: 99

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

3.60

200

150

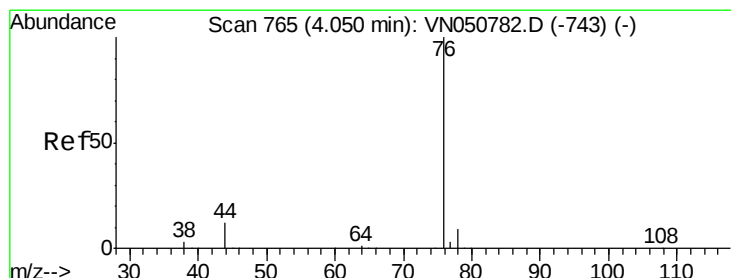
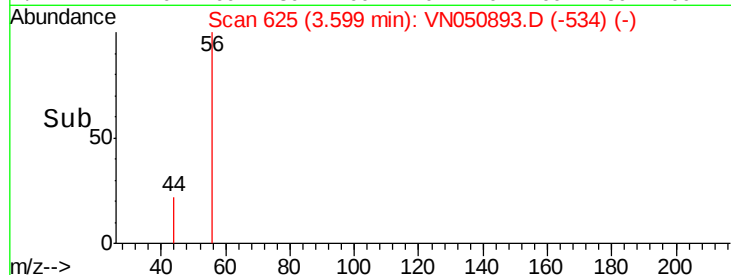
100

50

0

3.59 3.60 3.61

Time-->



#17

Carbon Disulfide

Concen: 0.23 ug/l

RT: 4.06 min Scan# 768

Delta R.T. 0.01 min

Lab File: VN050893.D

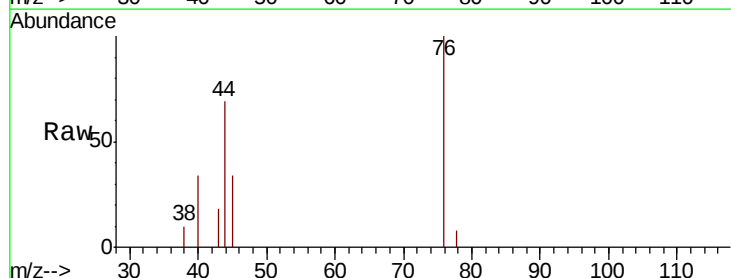
Acq: 27 Aug 2018 12:54

Tgt Ion: 76 Resp: 5491

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

2000

1500

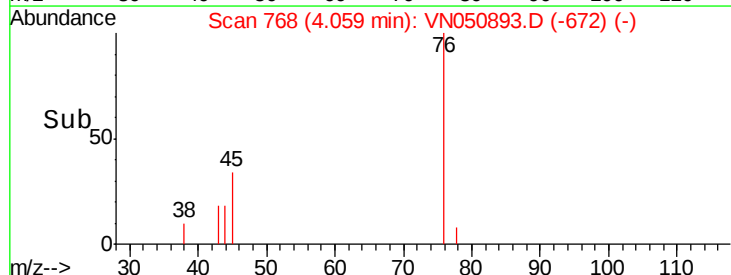
1000

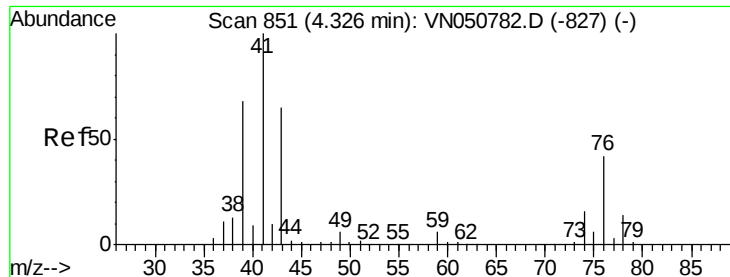
500

0

4.00 4.05 4.10

Time-->

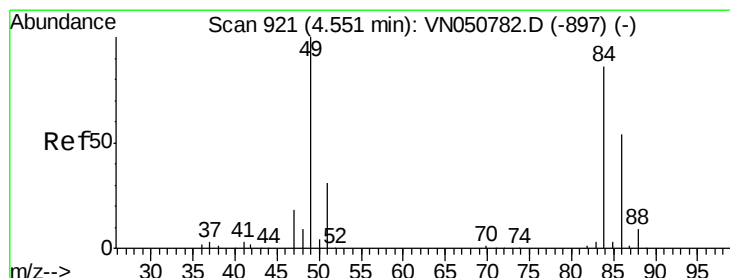
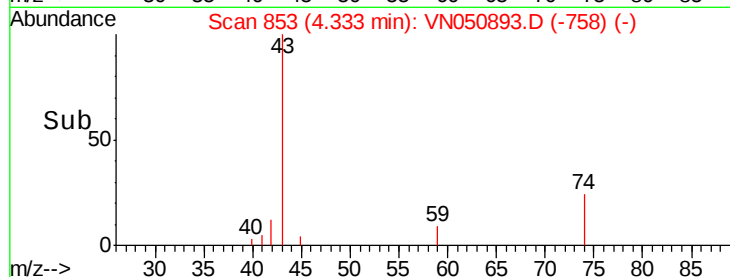
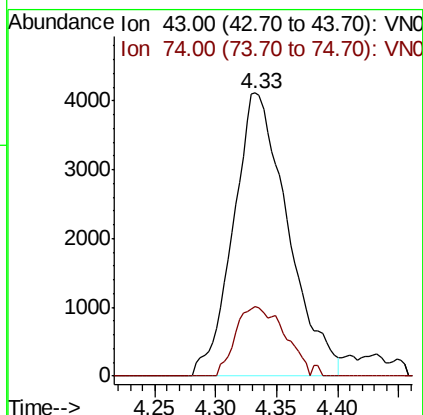
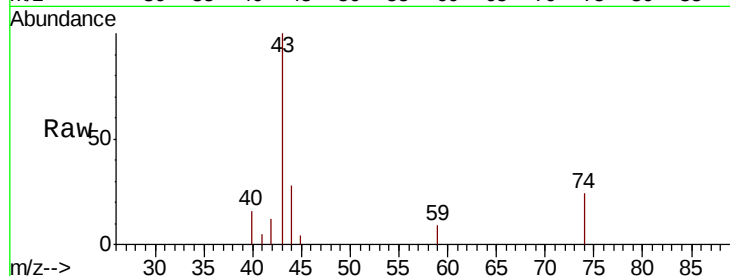




#18
Methyl Acetate
Concen: 1.78 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050893.D
Acq: 27 Aug 2018 12:54

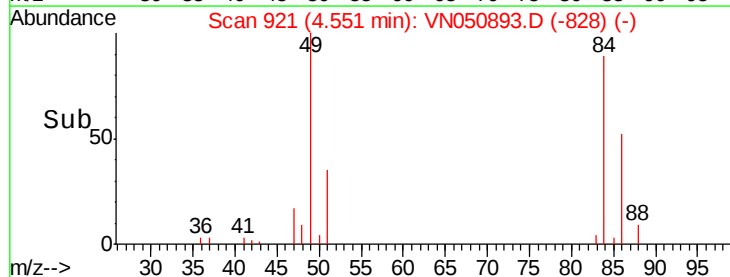
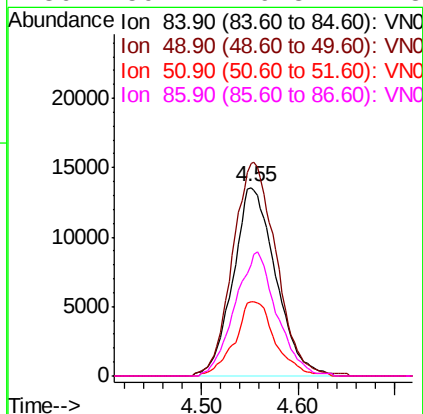
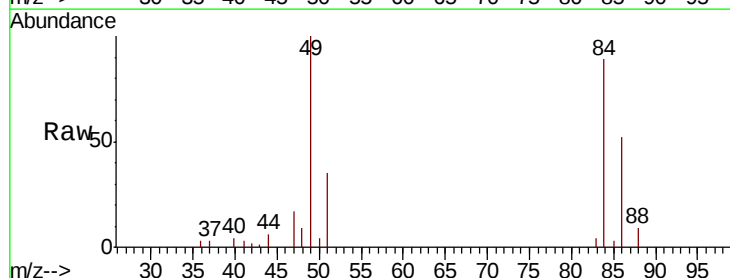
Instrument :
MSVOA_N
ClientSampleId :
PB112375ZHE#01

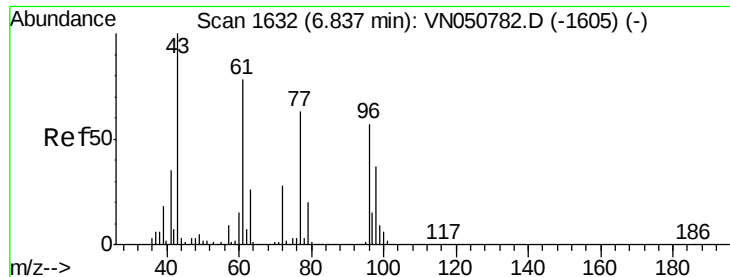
Tot Ion: 43 Resp: 12718
Ion Ratio Lower Upper
43 100
74 22.1 19.8 29.8



#20
Methylene Chloride
Concen: 4.88 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050893.D
Acq: 27 Aug 2018 12:54

Tgt Ion: 84 Resp: 41618
Ion Ratio Lower Upper
84 100
49 112.8 93.2 139.8
51 39.0 29.0 43.6
86 59.2 49.8 74.8

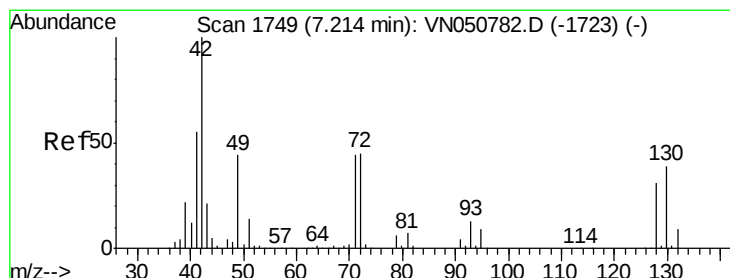
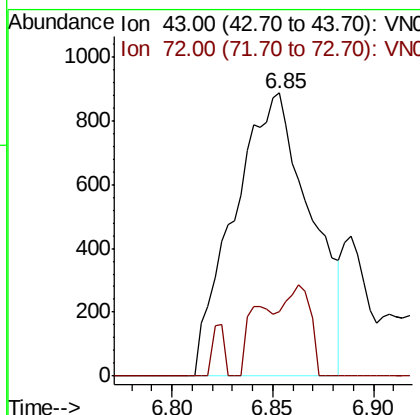
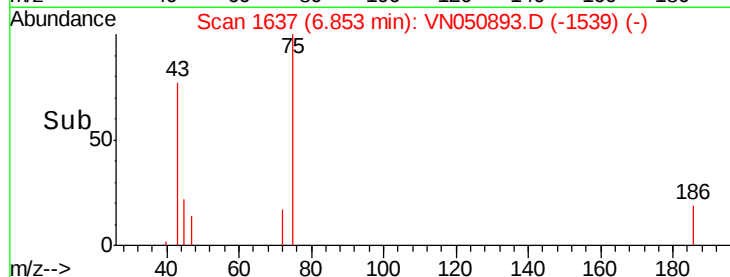
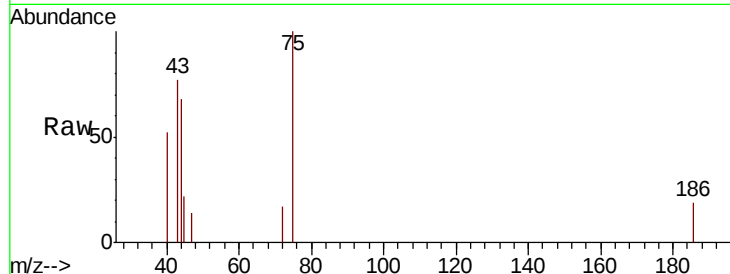




#25
2-Butanone
Concen: 0.77 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.02 min
Lab File: VN050893.D
Acq: 27 Aug 2018 12:54

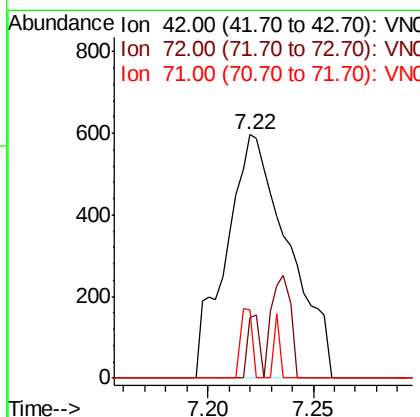
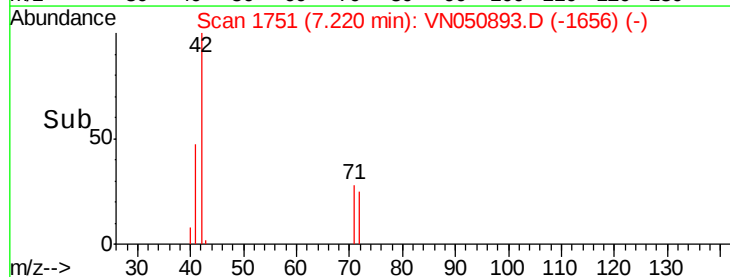
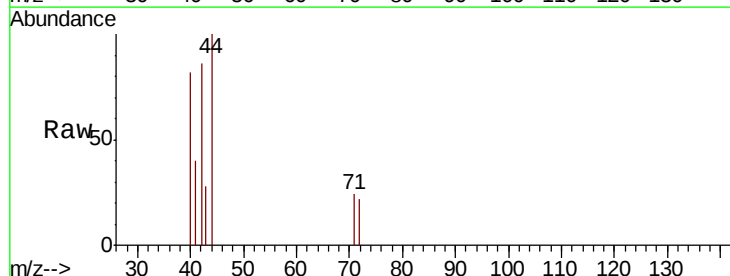
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ClientSampleId :
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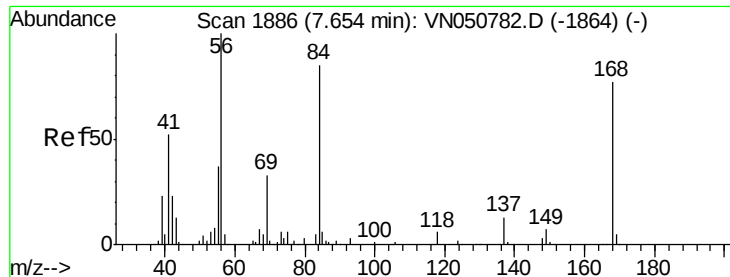
Tot Ion: 43 Resp: 2355
Ion Ratio Lower Upper
43 100
72 22.7 22.3 33.5



#29
Tetrahydrofuran
Concen: 0.70 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.01 min
Lab File: VN050893.D
Acq: 27 Aug 2018 12:54

Tgt Ion: 42 Resp: 1226
Ion Ratio Lower Upper
42 100
72 4.8 35.5 53.3#
71 5.3 33.7 50.5#

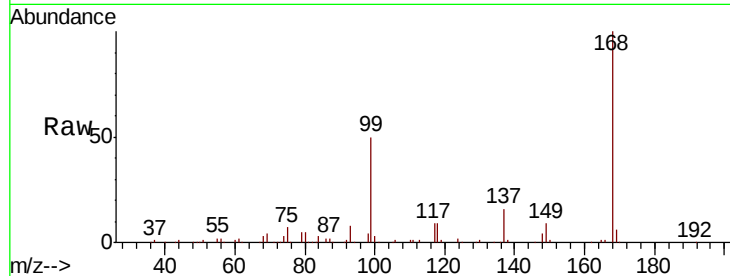




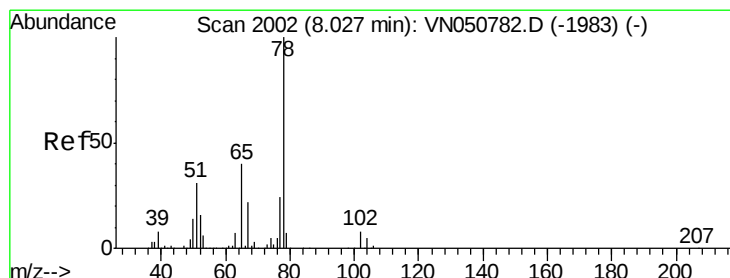
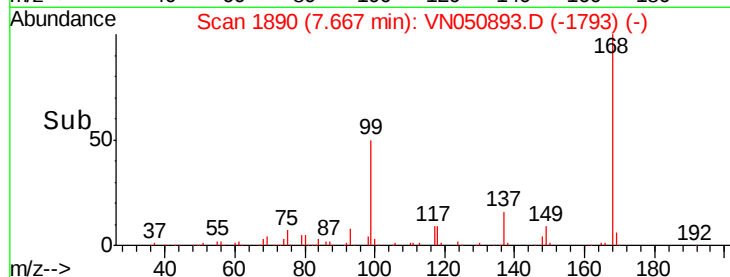
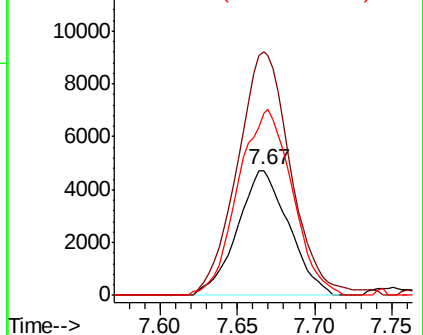
#31
Cyclohexane
Concen: 1.31 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050893.D
Acq: 27 Aug 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
PB112375ZHE#01

Tot Ion: 56 Resp: 10978
Ion Ratio Lower Upper
56 100
69 194.7 26.2 39.4#
84 145.4 68.3 102.5#

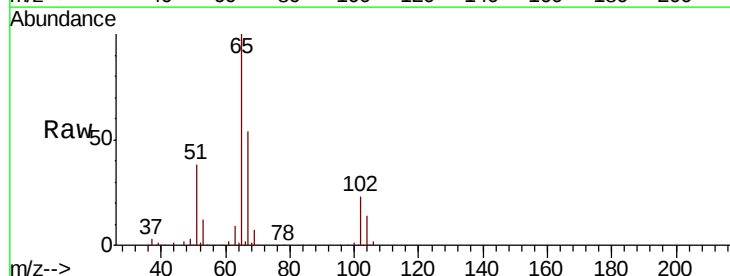


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

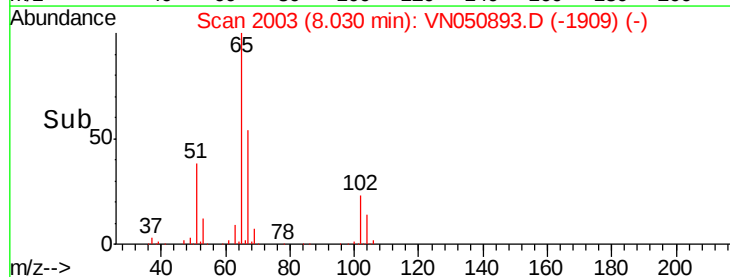
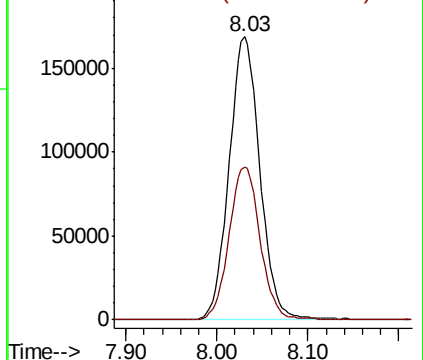


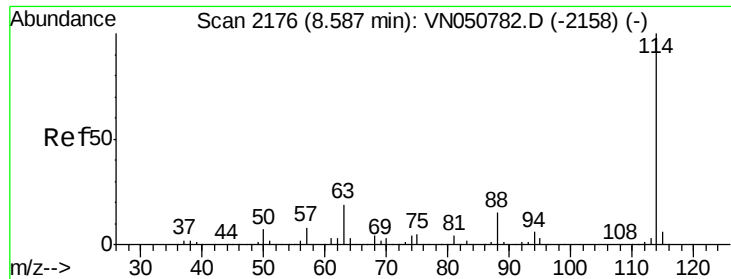
#33
1,2-Dichloroethane-d4
Concen: 52.41 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050893.D
Acq: 27 Aug 2018 12:54

Tgt Ion: 65 Resp: 396659
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

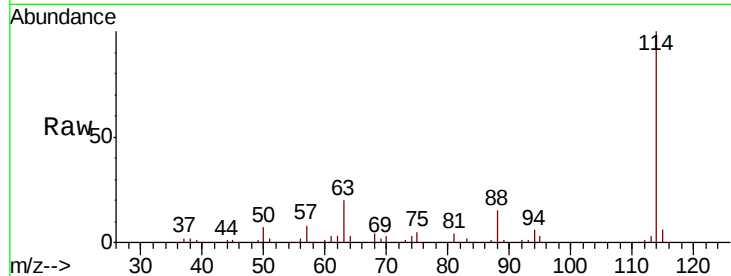




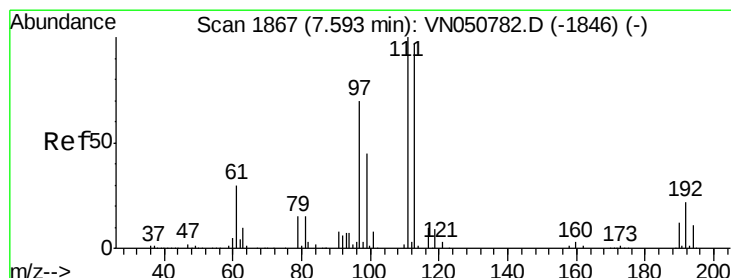
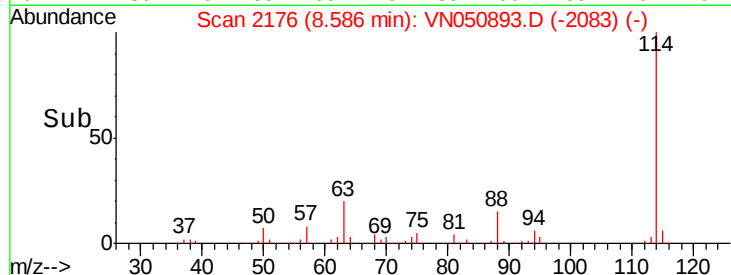
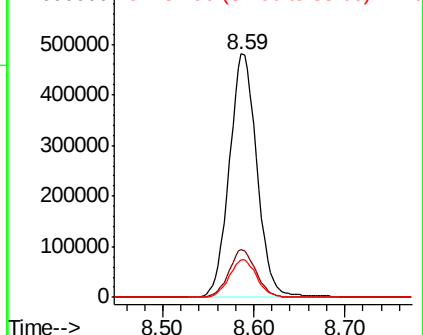
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050893.D
 Acq: 27 Aug 2018 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375ZHE#01

Tot Ion:114 Resp: 1013260
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.3 0.0 30.6

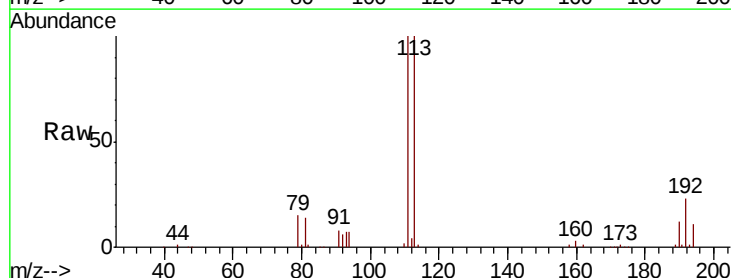


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

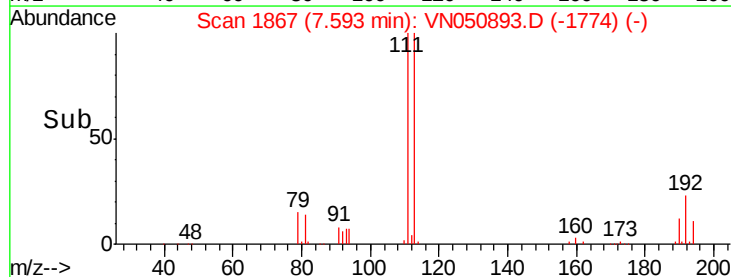
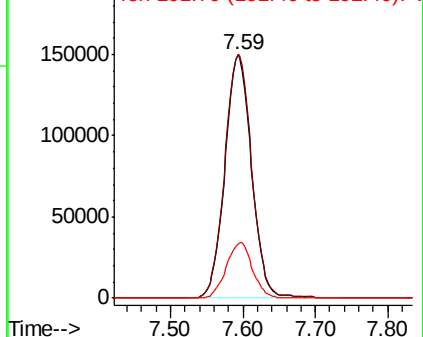


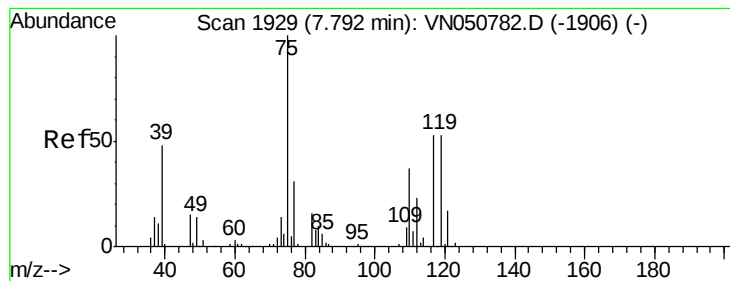
#35
 Dibromofluoromethane
 Concen: 47.39 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050893.D
 Acq: 27 Aug 2018 12:54

Tgt Ion:113 Resp: 382000
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.6 123.8
 192 22.4 18.0 27.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.49 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#01

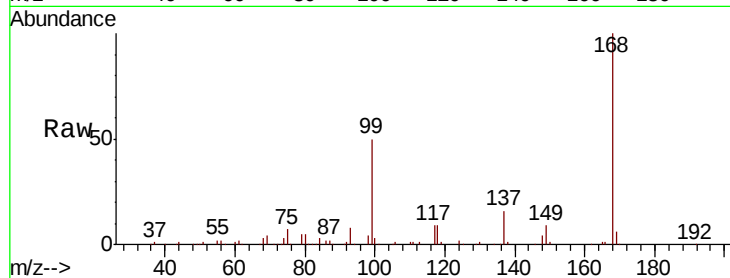
Tot Ion: 75 Resp: 41778

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.4#

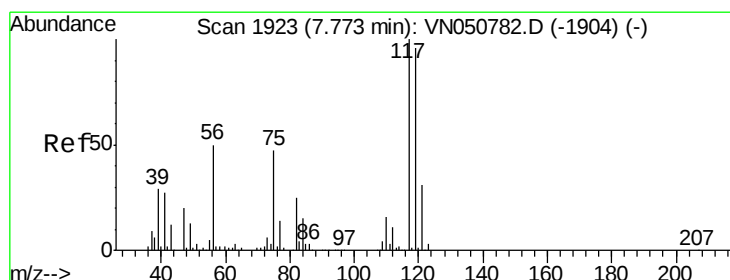
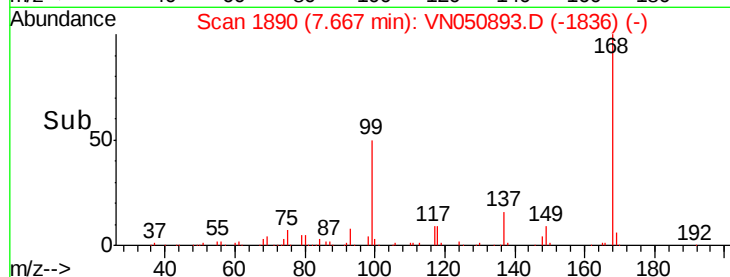
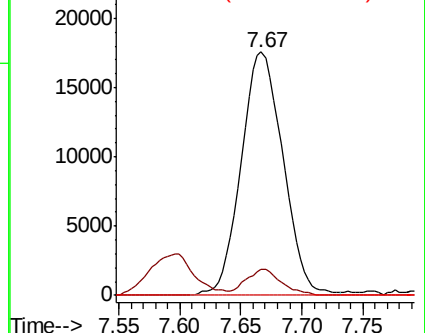
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN050893.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN050893.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN050893.D (-1836) (-)



#38

Carbon Tetrachloride

Concen: 4.51 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

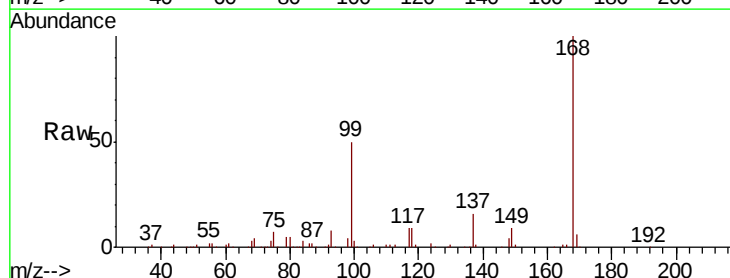
Tgt Ion: 117 Resp: 54550

Ion Ratio Lower Upper

117 100

119 6.6 76.3 114.5#

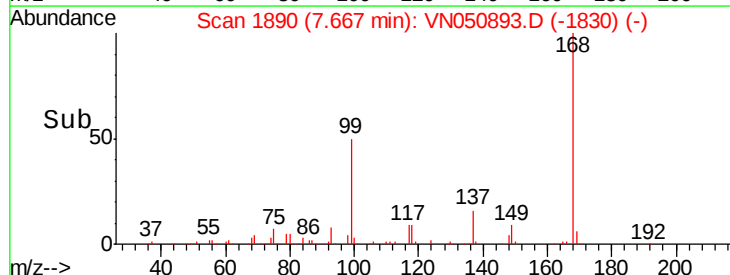
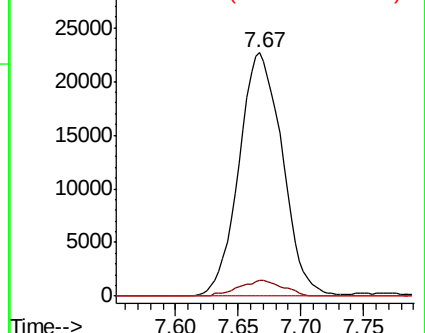
121 0.0 24.6 36.8#

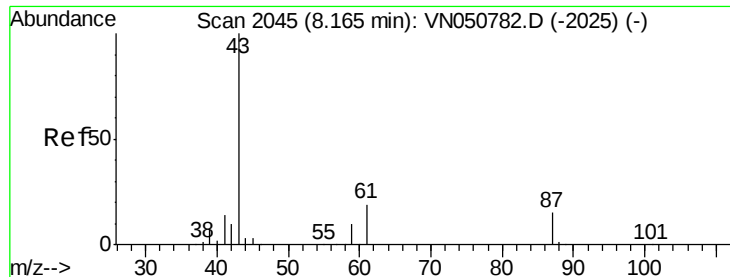


Abundance Ion 116.80 (116.50 to 117.50): VN050893.D (-1830) (-)

Ion 118.80 (118.50 to 119.50): VN050893.D (-1830) (-)

Ion 120.80 (120.50 to 121.50): VN050893.D (-1830) (-)



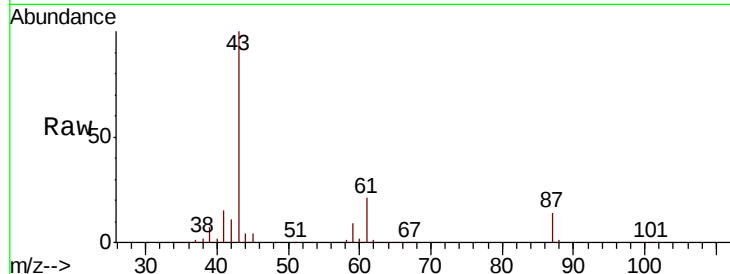


#43

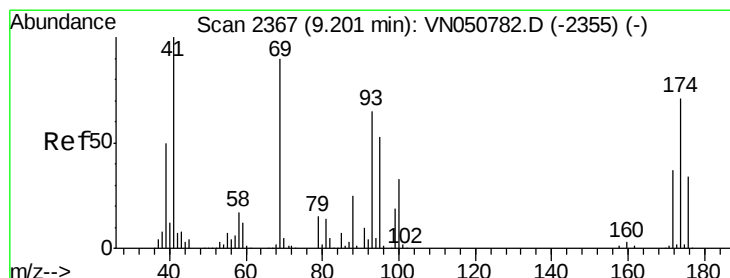
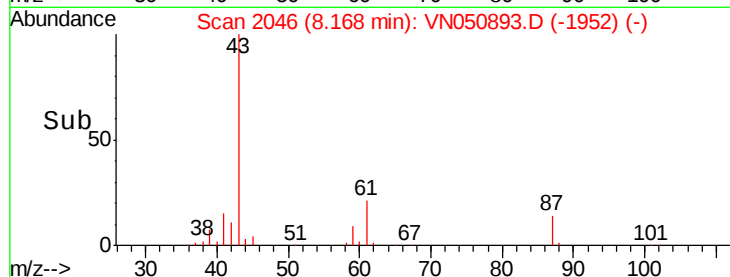
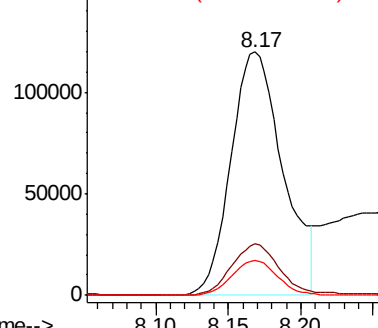
Isopropyl Acetate
 Concen: 25.42 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050893.D
 Acq: 27 Aug 2018 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375ZHE#01

Tot Ion: 43 Resp: 300219
 Ion Ratio Lower Upper
 43 100
 61 19.6 17.5 26.3
 87 12.6 11.3 16.9



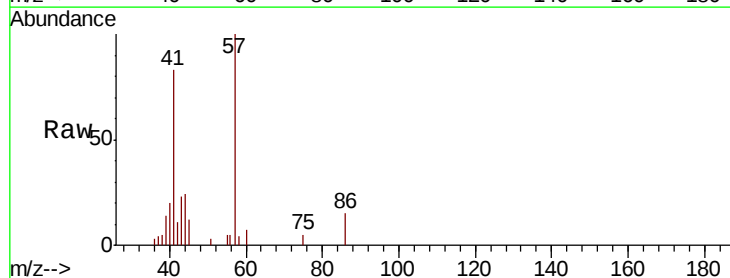
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



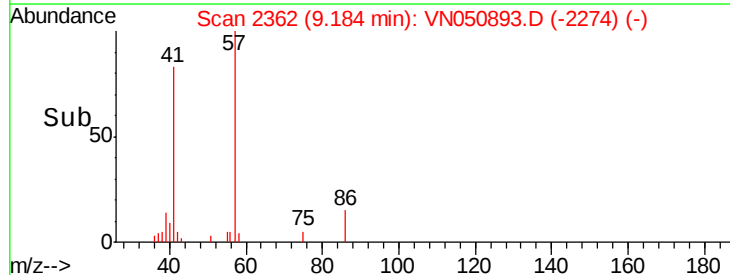
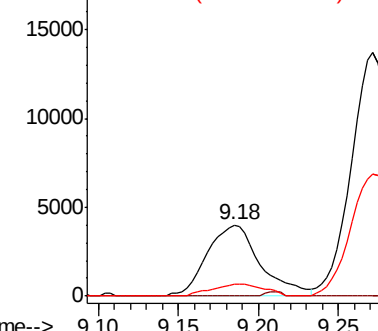
#48

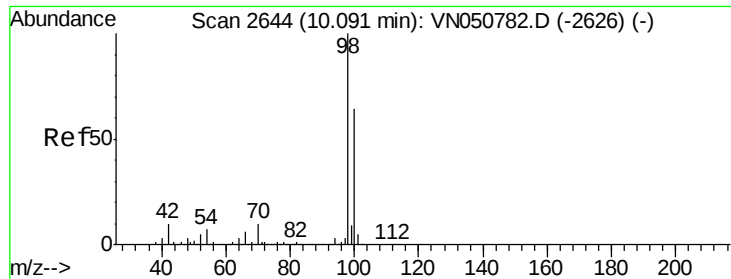
Methyl methacrylate
 Concen: 1.51 ug/l
 RT: 9.18 min Scan# 2362
 Delta R.T. -0.02 min
 Lab File: VN050893.D
 Acq: 27 Aug 2018 12:54

Tgt Ion: 41 Resp: 9094
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.7 112.1#
 39 16.7 42.2 63.2#



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





#50

Toluene-d8

Concen: 46.23 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

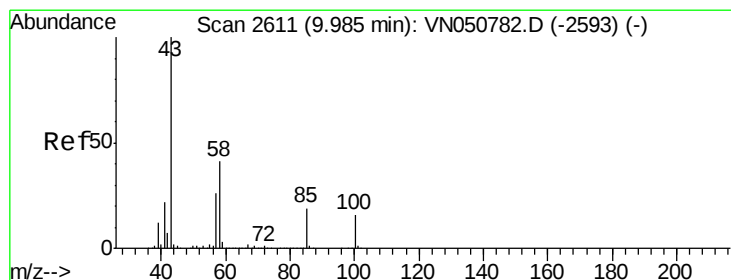
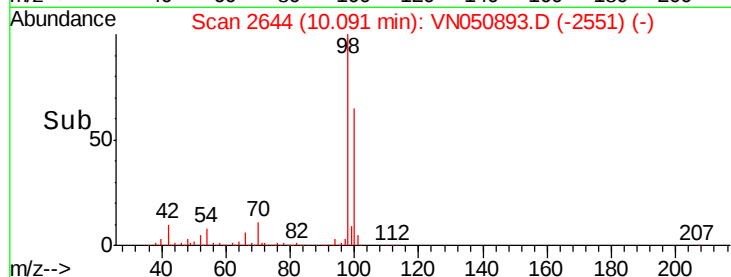
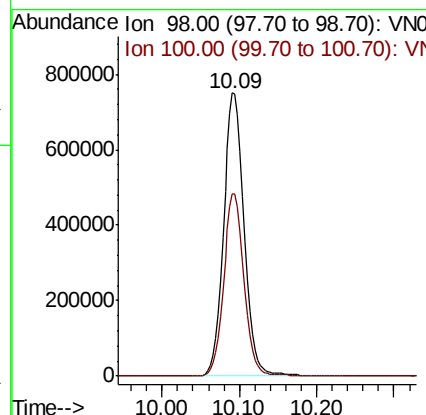
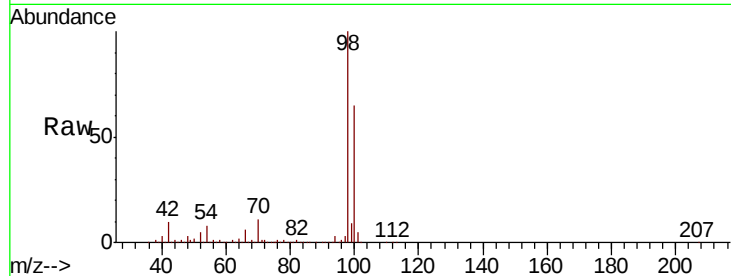
PB112375ZHE#01

Tot Ion: 98 Resp: 1393432

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.43 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050893.D

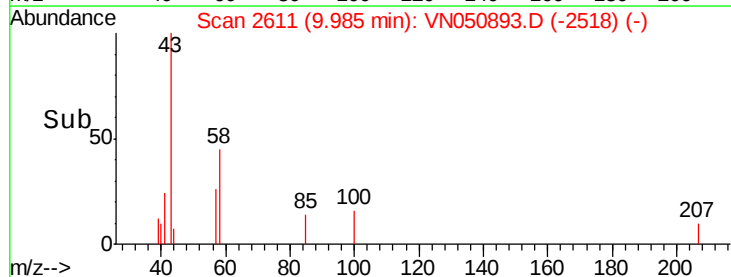
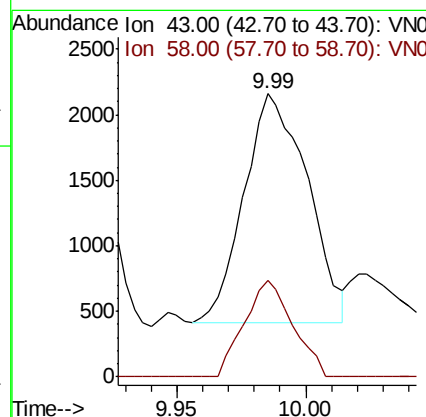
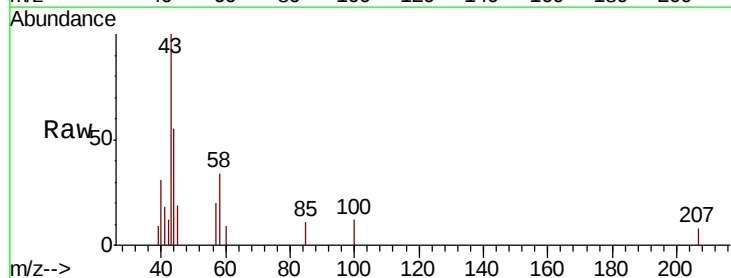
Acq: 27 Aug 2018 12:54

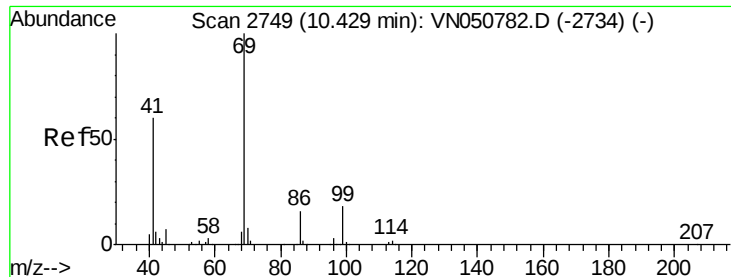
Tgt Ion: 43 Resp: 2997

Ion Ratio Lower Upper

43 100

58 32.1 32.4 48.6#





#56

Ethyl methacrylate

Concen: 2.36 ug/l

RT: 10.43 min Scan# 2748

Delta R.T. -0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#01

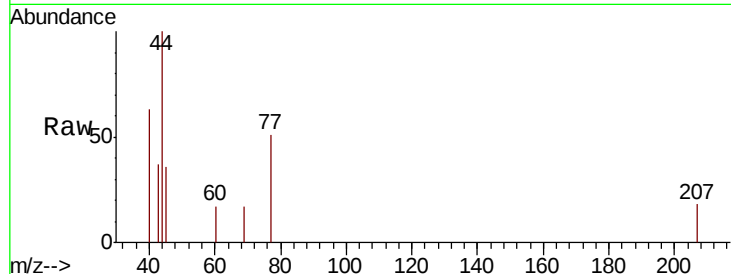
Tot Ion: 69 Resp: 72

Ion Ratio Lower Upper

69 100

41 0.0 48.3 72.5#

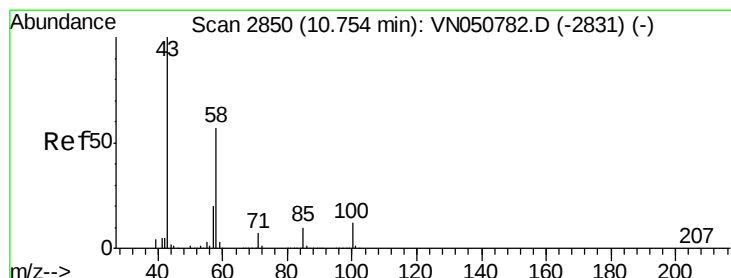
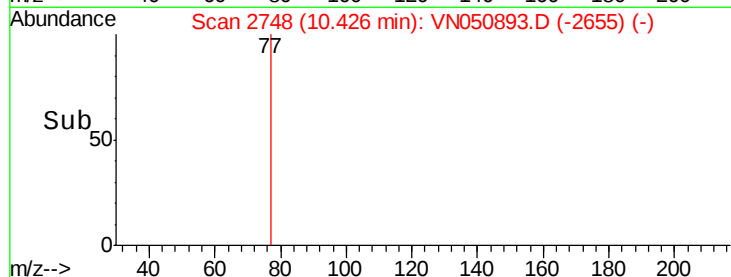
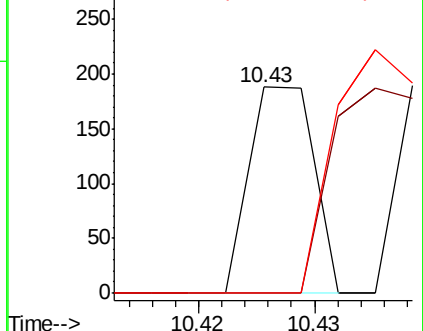
39 0.0 24.0 36.0#



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



#59

2-Hexanone

Concen: 4.50 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050893.D

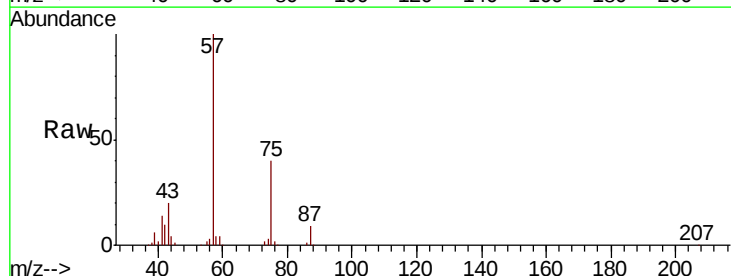
Acq: 27 Aug 2018 12:54

Tgt Ion: 43 Resp: 21102

Ion Ratio Lower Upper

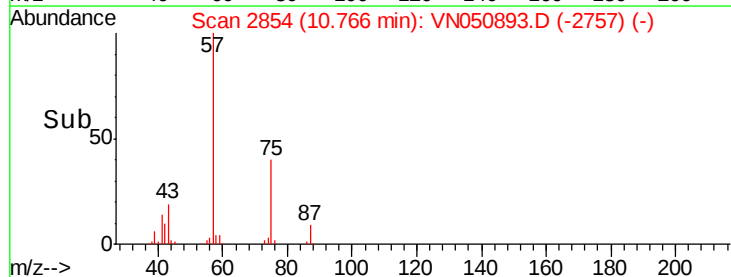
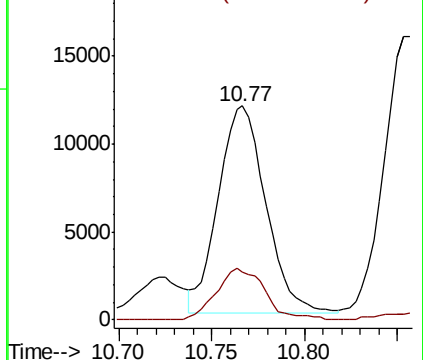
43 100

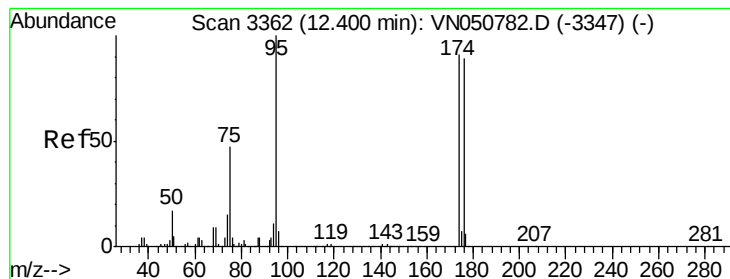
58 25.5 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 35.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#01

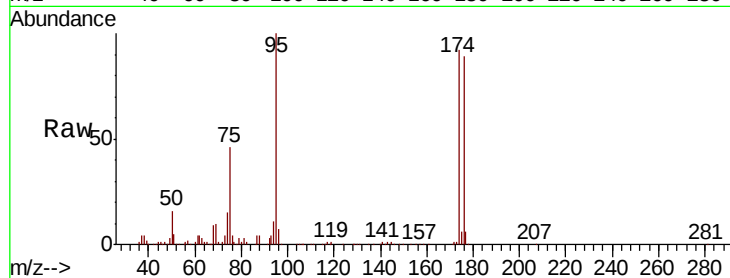
Tot Ion: 95 Resp: 359281

Ion Ratio Lower Upper

95 100

174 92.9 0.0 183.0

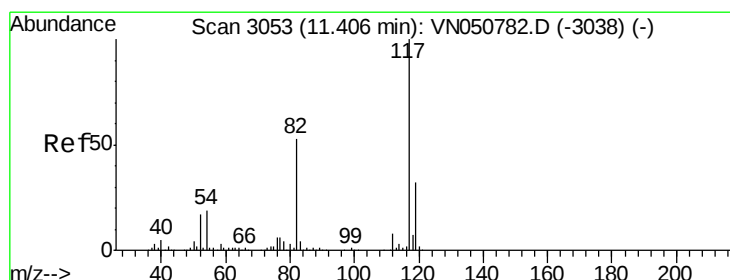
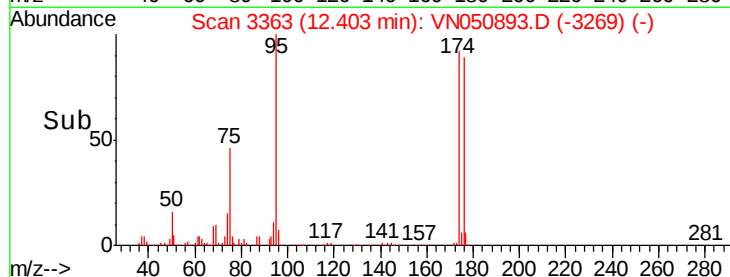
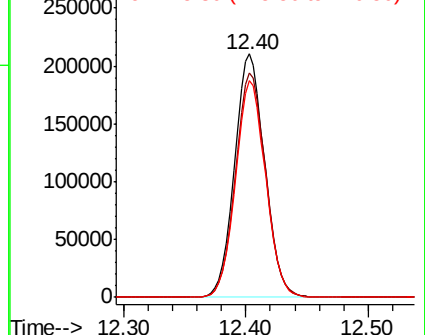
176 89.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

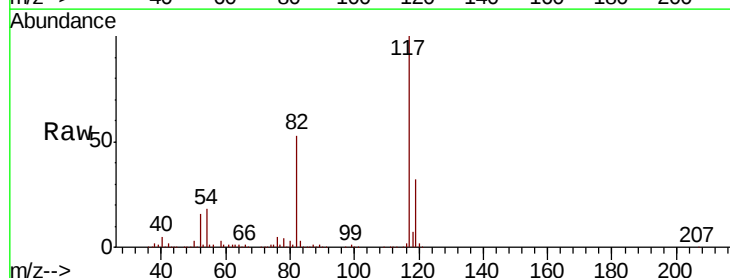
Tgt Ion: 117 Resp: 864294

Ion Ratio Lower Upper

117 100

82 52.7 42.6 64.0

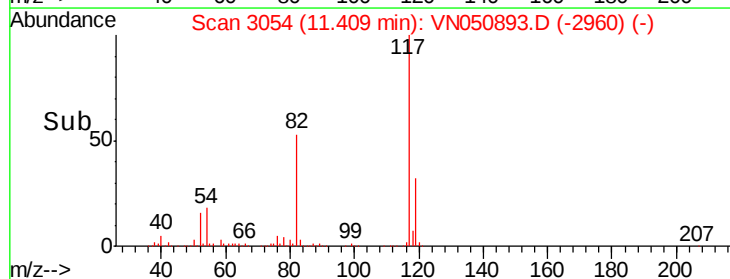
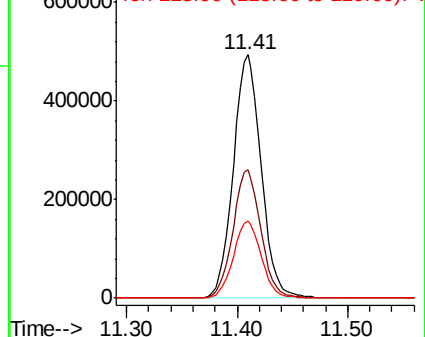
119 31.9 25.8 38.6

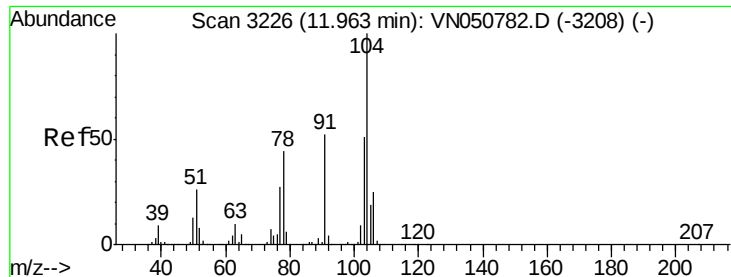


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#70

Stvrene

Concen: 1.32 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#01

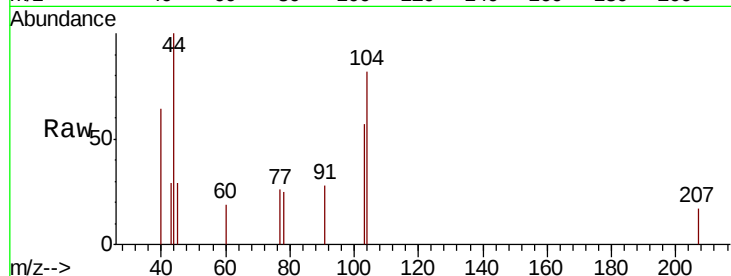
Tot Ion:104 Resp: 1311

Ion Ratio Lower Upper

104 100

78 39.1 38.2 57.4

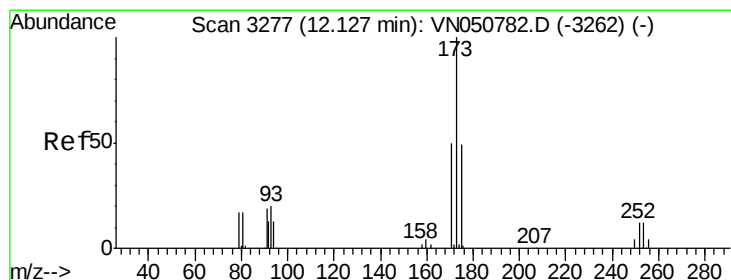
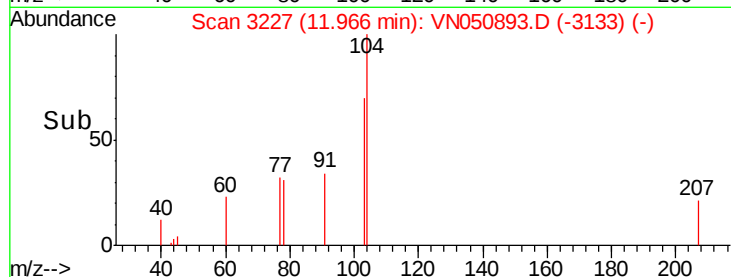
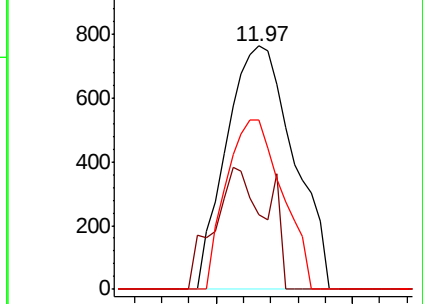
103 57.8 44.4 66.6



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



#71

Bromoform

Concen: 0.48 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

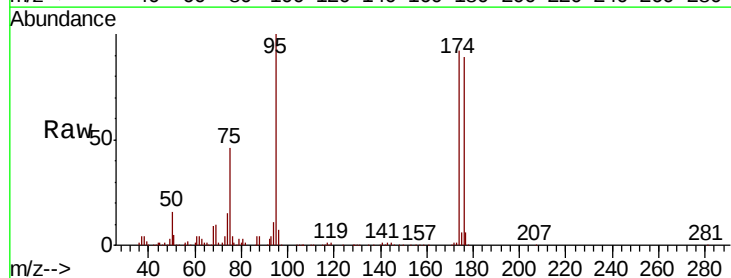
Tgt Ion:173 Resp: 2720

Ion Ratio Lower Upper

173 100

175 723.7 24.4 73.4#

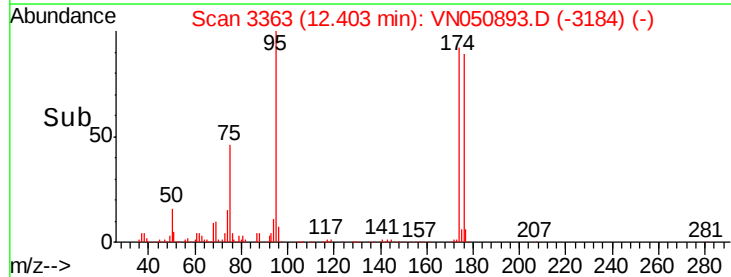
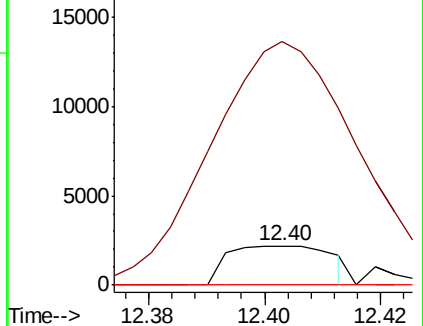
254 0.0 0.1 0.1#

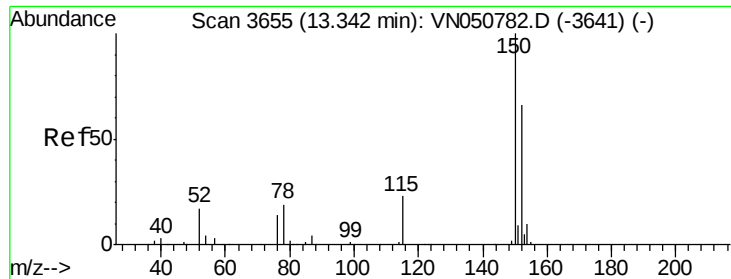


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#01

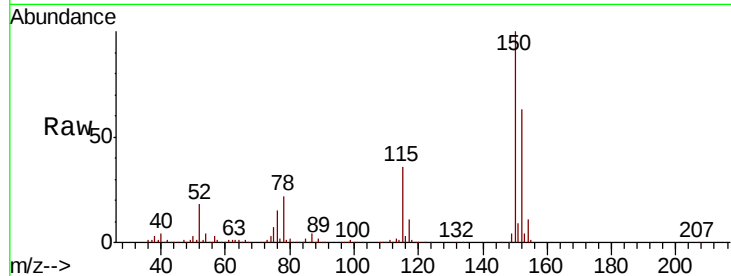
Tot Ion:152 Resp: 268821

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.4

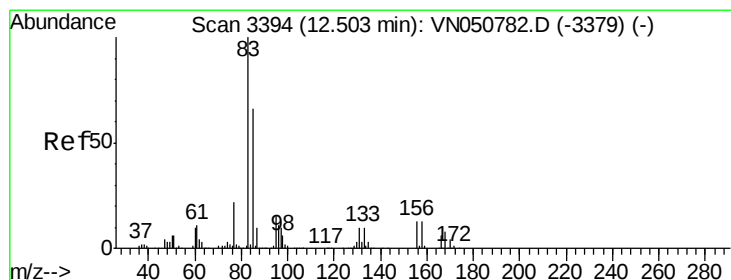
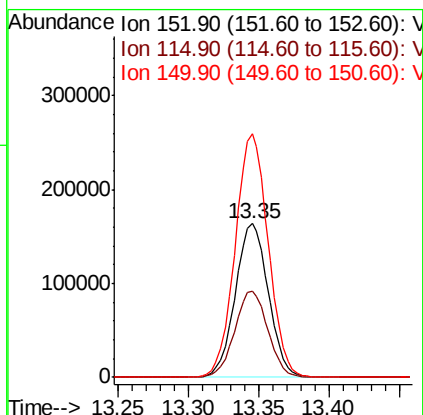
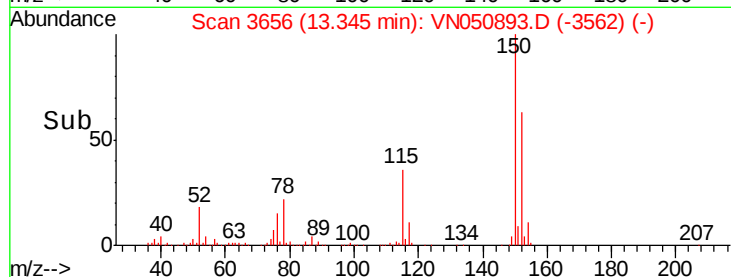
150 158.3 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

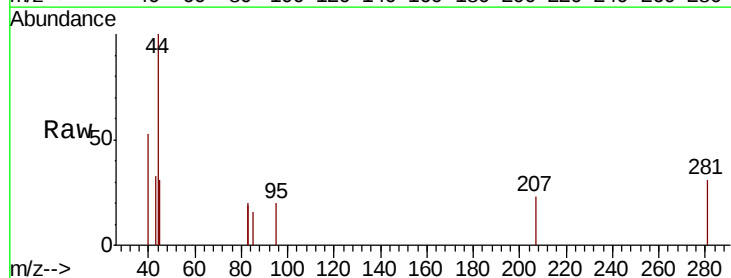
Tgt Ion: 83 Resp: 300

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

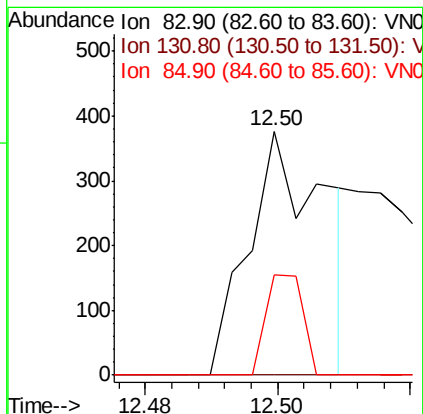
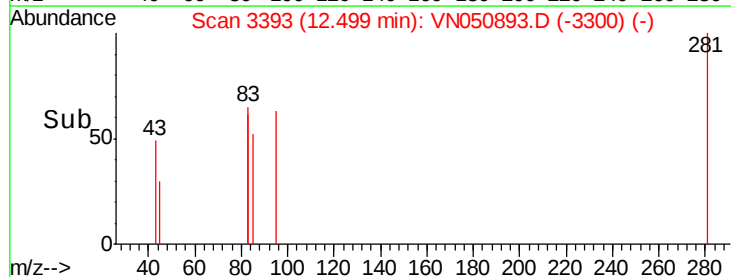
85 19.7 31.9 95.7#

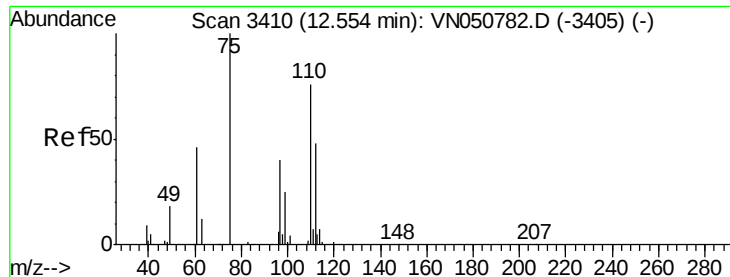


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 35.51 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

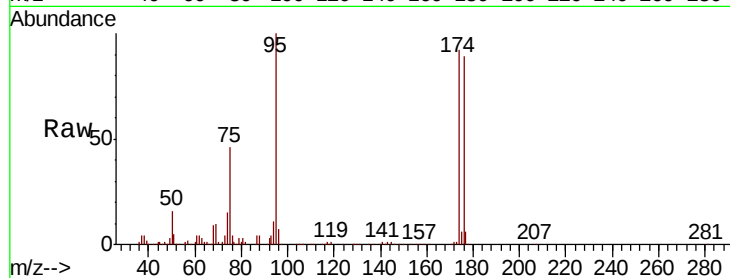
PB112375ZHE#01

Tot Ion: 75 Resp: 167190

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050893.D (-3363) (-)

Ion 77.00 (76.70 to 77.70): VN050893.D (-3363) (-)

12.40

100000

80000

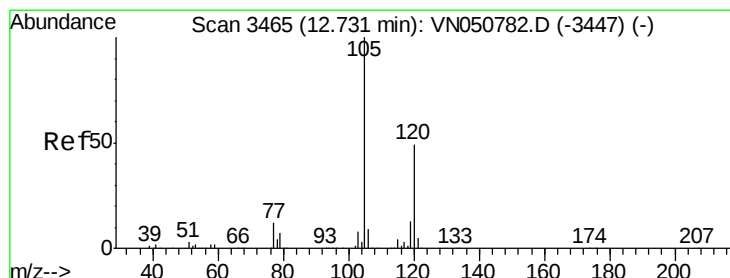
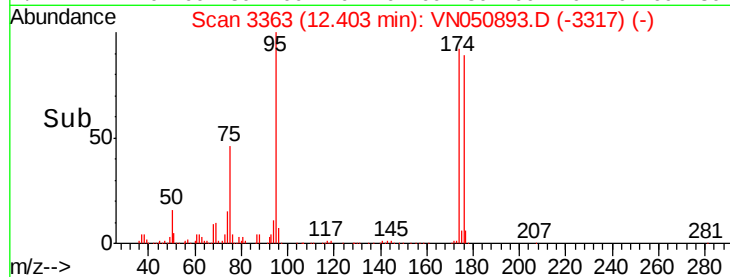
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.25 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.01 min

Lab File: VN050893.D

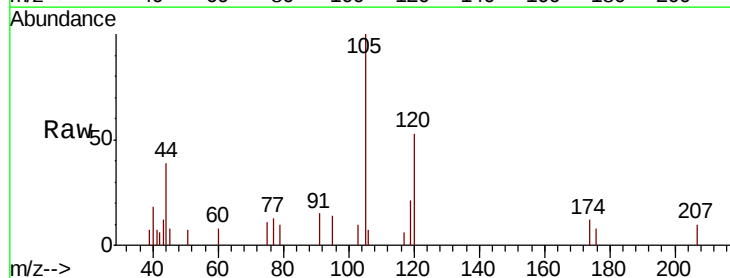
Acq: 27 Aug 2018 12:54

Tgt Ion: 105 Resp: 4463

Ion Ratio Lower Upper

105 100

120 47.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN050893.D (-3465) (-)

Ion 120.00 (119.70 to 120.70): VN050893.D (-3465) (-)

12.74

3000

2500

2000

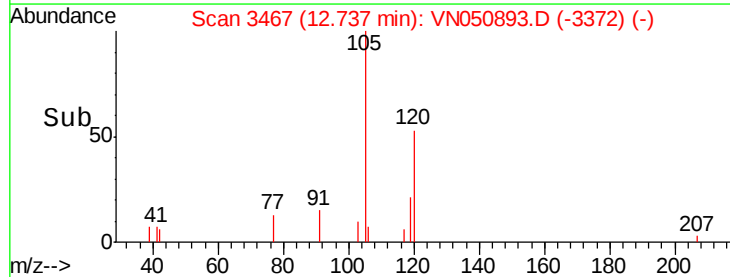
1500

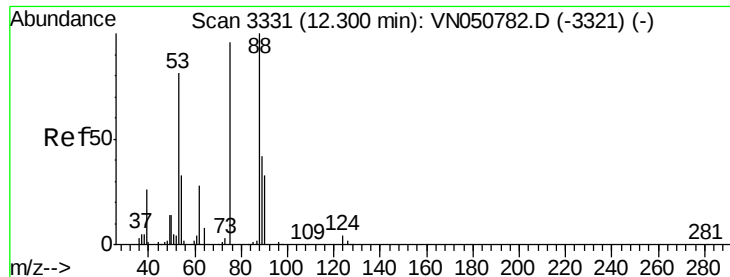
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 120.04 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#01

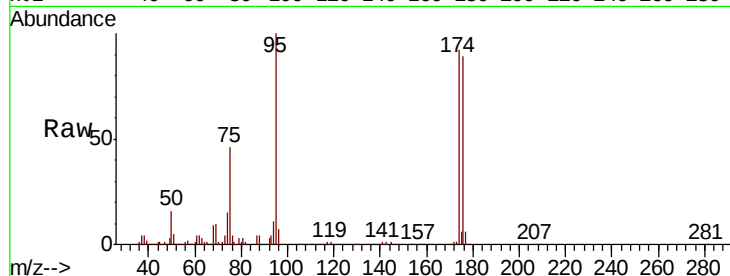
Tot Ion: 75 Resp: 167190

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

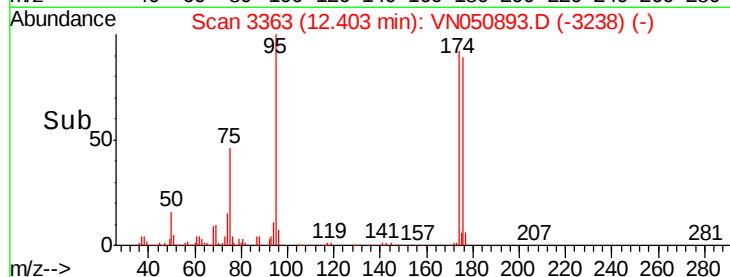
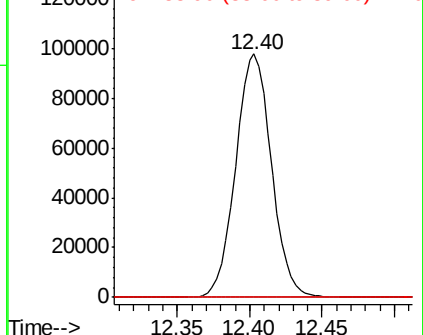
89 0.0 36.1 54.1#



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: 0.21 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

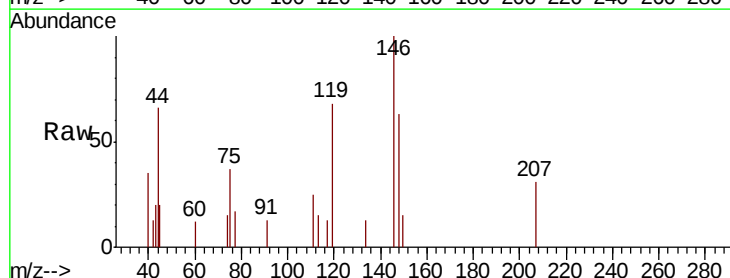
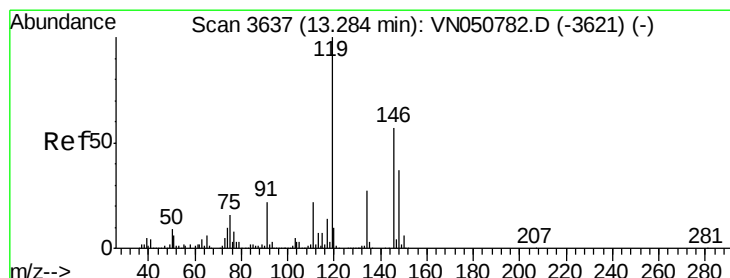
Tgt Ion: 146 Resp: 2164

Ion Ratio Lower Upper

146 100

111 16.3 19.1 57.3#

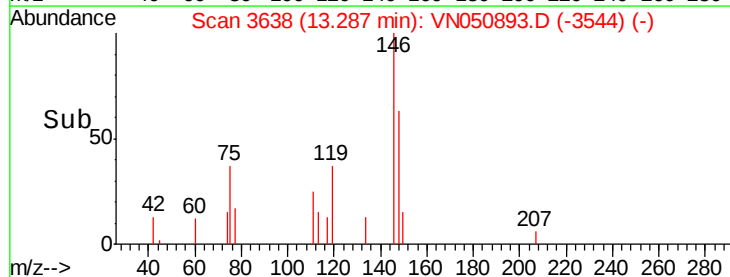
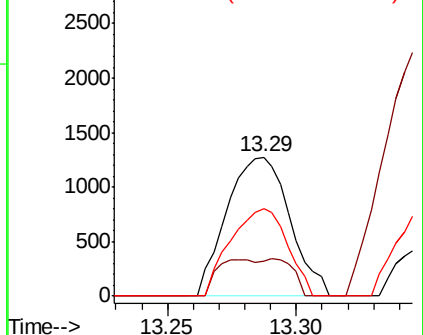
148 56.8 32.2 96.6

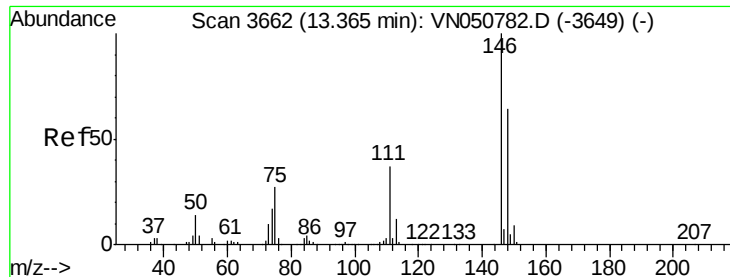


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.28 ug/l

RT: 13.37 min Scan# 3663

Delta R.T. 0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#01

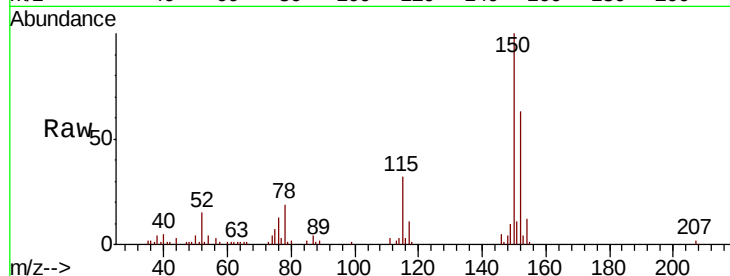
Tot Ion:146 Resp: 2799

Ion Ratio Lower Upper

146 100

111 155.7 18.8 56.3#

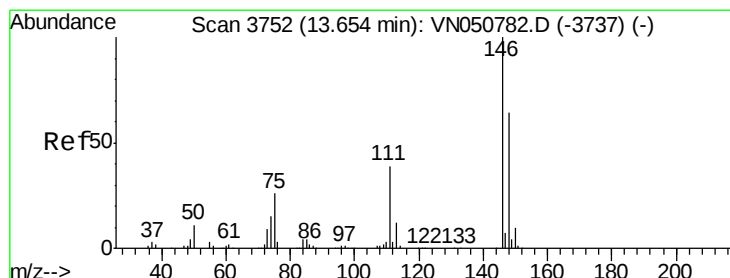
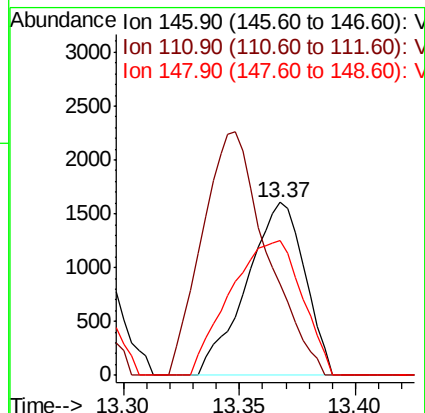
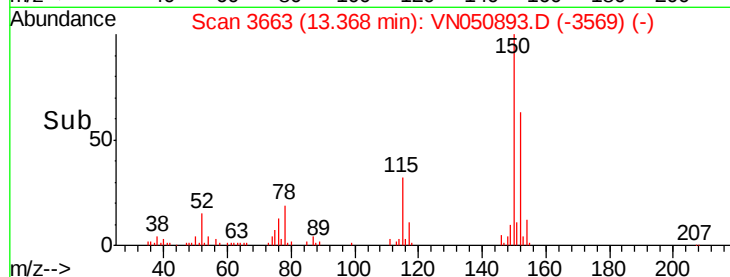
148 96.5 32.2 96.6



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: 0.21 ug/l

RT: 13.65 min Scan# 3751

Delta R.T. -0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

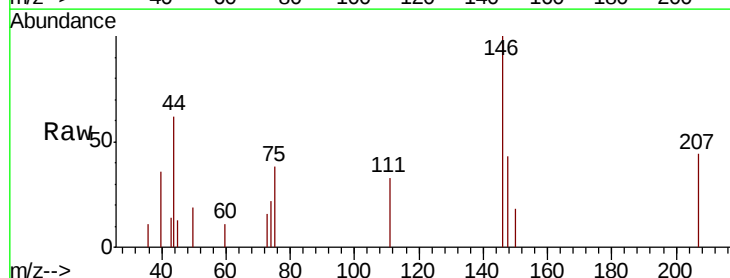
Tgt Ion:146 Resp: 2103

Ion Ratio Lower Upper

146 100

111 35.3 19.8 59.3

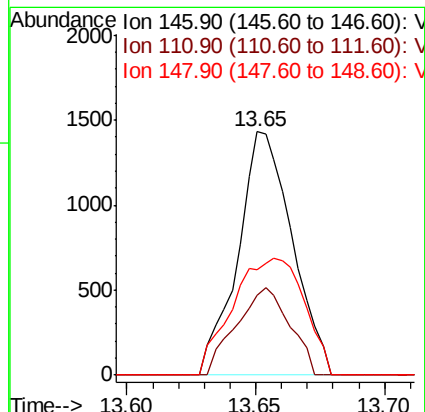
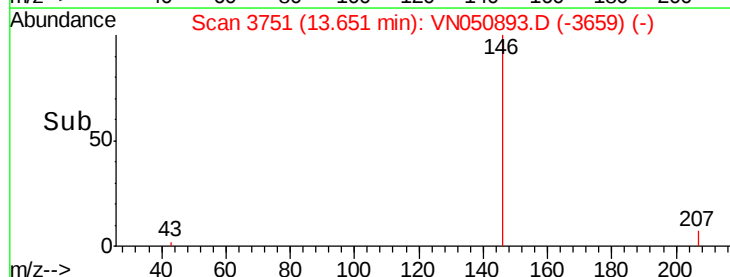
148 63.3 32.3 96.8

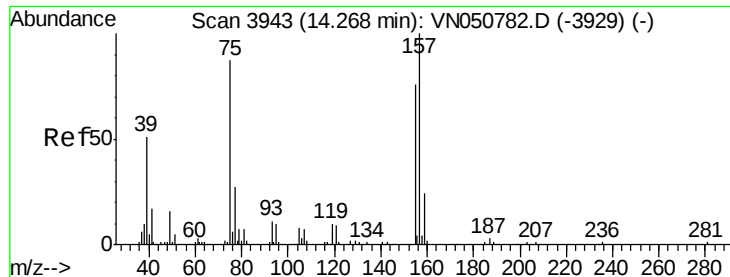


Abundance Ion 145.90 (145.60 to 146.60): V

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: 0.42 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#01

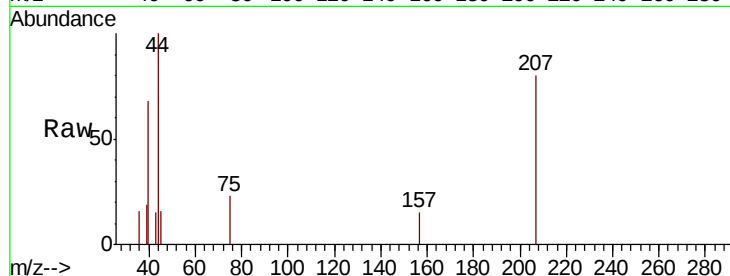
Tot Ion: 75 Resp: 332

Ion Ratio Lower Upper

75 100

155 56.6 46.4 139.1

157 44.9 60.7 182.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050893.D (-3850) (-)

Ion 154.80 (154.50 to 155.50): VN050893.D (-3850) (-)

Ion 156.80 (156.50 to 157.50): VN050893.D (-3850) (-)

14.27

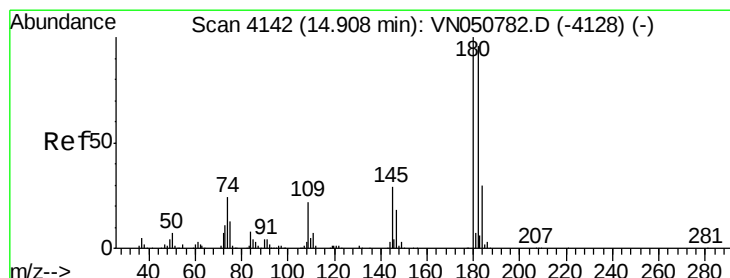
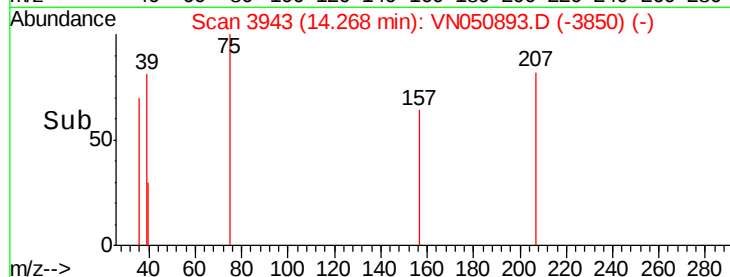
200

100

0

14.24 14.26 14.28

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.55 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

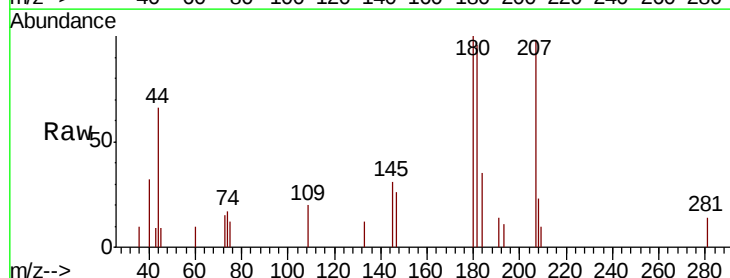
Tgt Ion: 180 Resp: 2612

Ion Ratio Lower Upper

180 100

182 102.2 48.2 144.6

145 32.2 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): VN050893.D (-4048) (-)

Ion 181.80 (181.50 to 182.50): VN050893.D (-4048) (-)

Ion 144.80 (144.50 to 145.50): VN050893.D (-4048) (-)

14.91

2000

1500

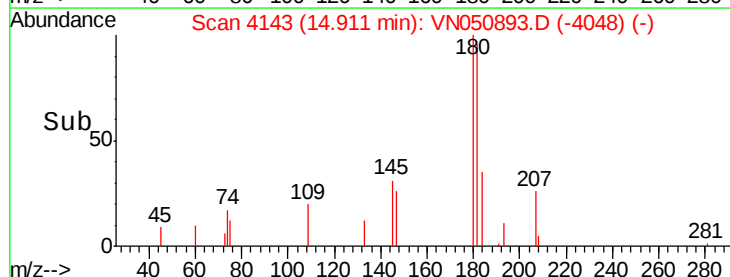
1000

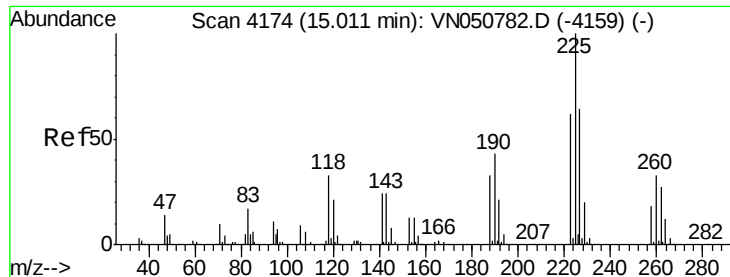
500

0

14.90 14.95

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4174

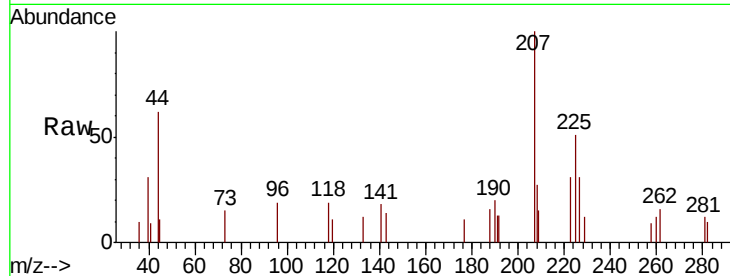
Delta R.T. 0.00 min

Lab File: VN050893.D

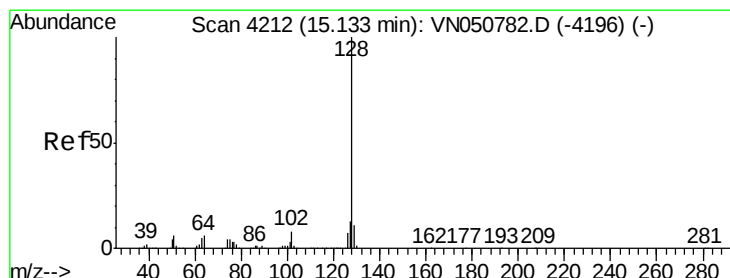
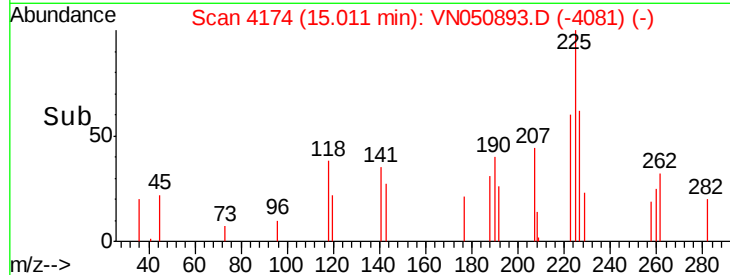
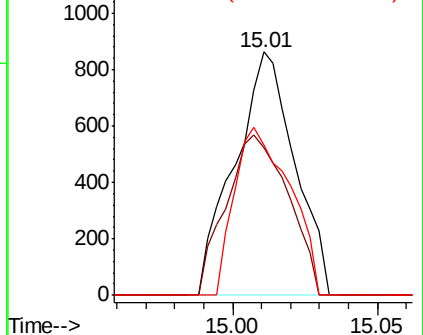
Acq: 27 Aug 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
PB112375ZHE#01

Tot Ion:225	Resp:	1241
Ion	Ratio	Lower Upper
225	100	
223	68.3	31.3 93.8
227	63.6	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: 5.94 ug/l

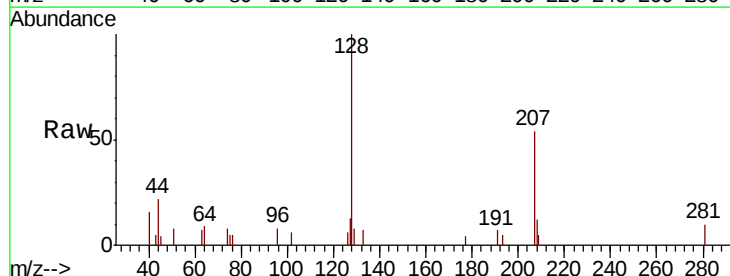
RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

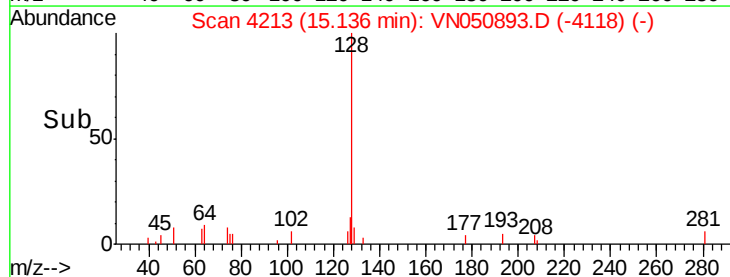
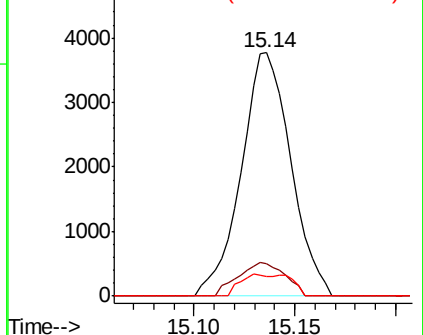
Lab File: VN050893.D

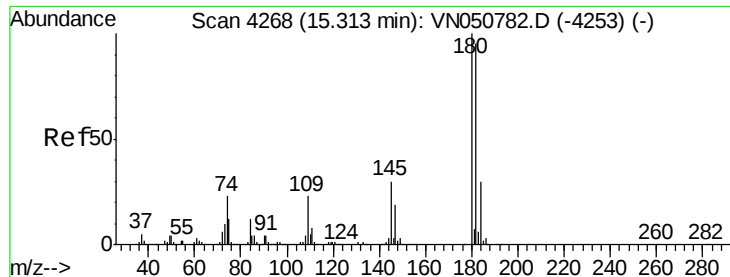
Acq: 27 Aug 2018 12:54

Tgt Ion:128	Resp:	6463
Ion	Ratio	Lower Upper
128	100	
127	13.1	10.5 15.7
129	5.8	8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 3.90 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.01 min

Lab File: VN050893.D

Acq: 27 Aug 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

PB112375ZHE#01

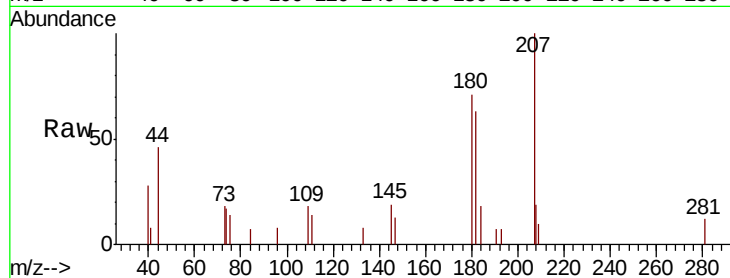
Tot Ion:180 Resp: 3140

Ion Ratio Lower Upper

180 100

182 94.1 48.0 144.2

145 34.1 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

