

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050924.D
 Acq On : 28 Aug 2018 19:52
 Operator : MD\SY
 Sample : PB112421ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#02

Quant Time: Aug 29 03:55:23 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	607361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	996124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	811041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	261467	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	391100	53.49	ug/l	0.00
Spiked Amount			Recovery	=	106.98%	
35) Dibromofluoromethane	7.59	113	370647	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
50) Toluene-d8	10.09	98	1318903	44.51	ug/l	0.00
Spiked Amount			Recovery	=	89.02%	
62) 4-Bromofluorobenzene	12.40	95	341844	34.72	ug/l	0.00
Spiked Amount			Recovery	=	69.44%	

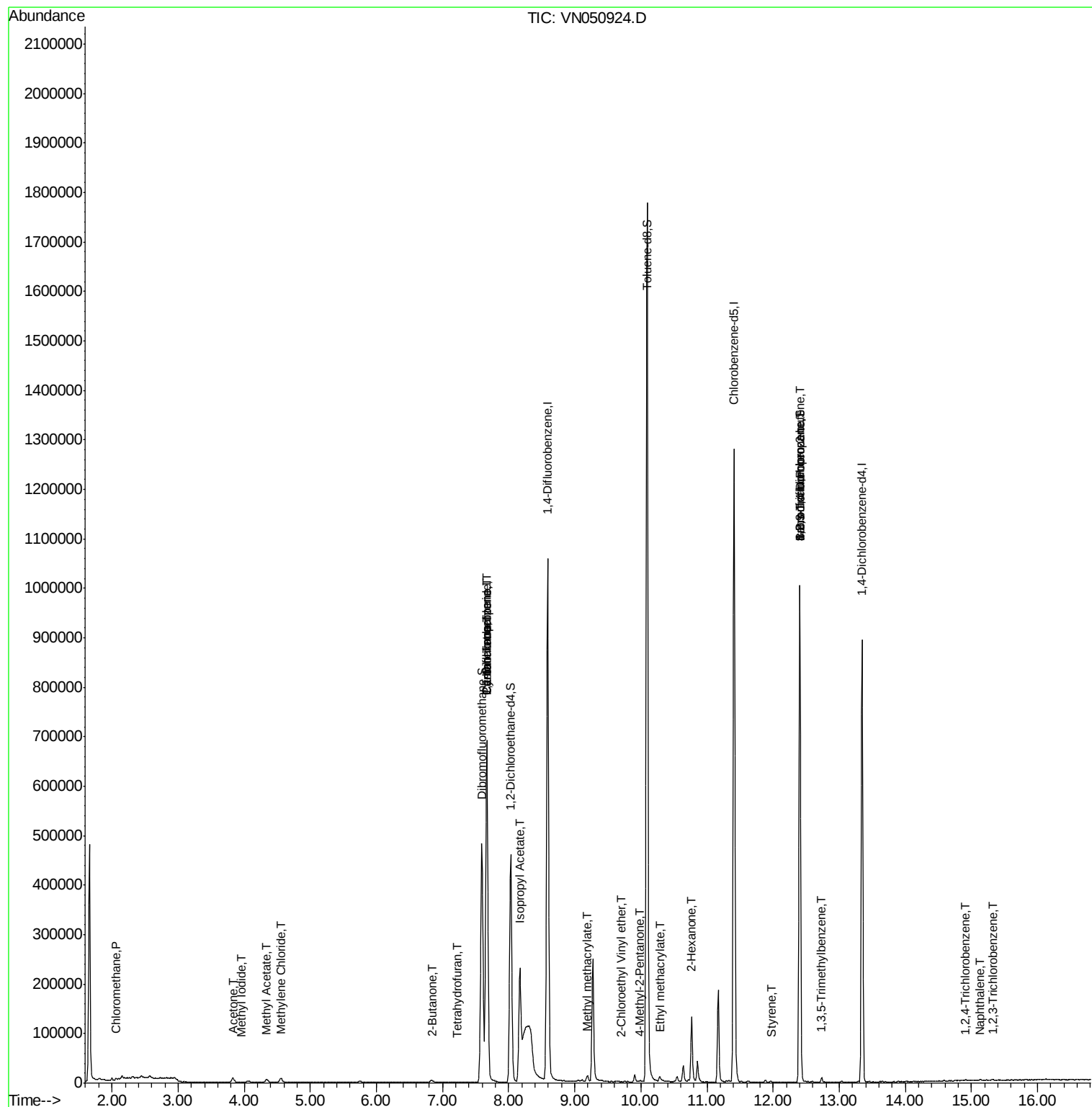
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2465	0.25	ug/l	97
5) Bromomethane	2.57	94	3080	Below Cal		100
10) Methyl Iodide	3.95	142	1346	6.52	ug/l #	69
16) Acetone	3.83	43	15086	1.70	ug/l	97
18) Methyl Acetate	4.33	43	11455	1.66	ug/l	98
20) Methylene Chloride	4.56	84	6822	0.83	ug/l	91
25) 2-Butanone	6.85	43	1329	0.45	ug/l #	47
29) Tetrahydrofuran	7.23	42	804	0.48	ug/l #	42
31) Cyclohexane	7.66	56	9888	1.25	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40755	3.47	ug/l #	49
38) Carbon Tetrachloride	7.67	117	53372	4.49	ug/l #	16
43) Isopropyl Acetate	8.17	43	287662	24.78	ug/l	95
48) Methyl methacrylate	9.18	41	7556	1.28	ug/l #	15
51) 4-Methyl-2-Pentanone	9.99	43	1827	0.26	ug/l	98
56) Ethyl methacrylate	10.29	69	138	2.36	ug/l #	33
58) 2-Chloroethyl Vinyl ether	9.70	63	30	12.23	ug/l #	47
59) 2-Hexanone	10.77	43	17634	3.82	ug/l	63
70) Styrene	11.97	104	683	1.30	ug/l #	54
71) Bromoform	12.40	173	1771	0.33	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	60	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	160605	35.07	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4429	0.25	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	160605	118.56	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	826	4.23	ug/l	90
94) Hexachlorobutadiene	15.01	225	176	Below Cal	#	67
95) Naphthalene	15.13	128	1970	5.57	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.32	180	883	3.47	ug/l	85

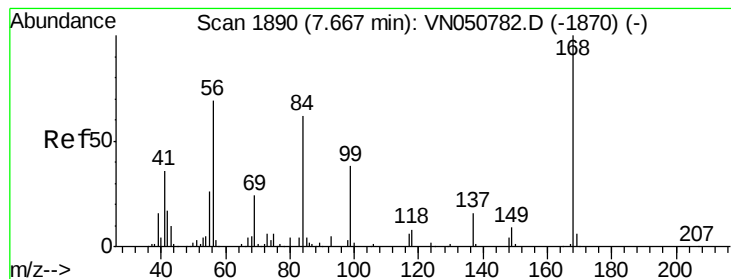
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 29 03:55:23 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# 1891

Delta R.T. 0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

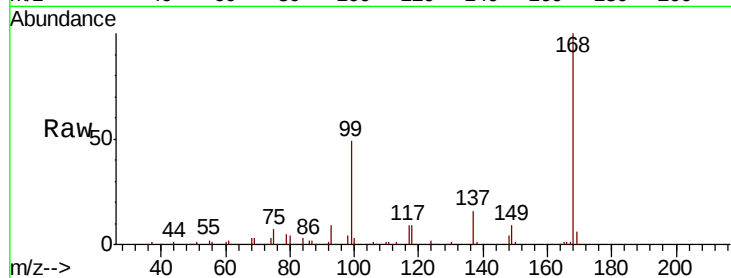
PB112421ZHE#02

Tot Ion:168 Resp: 607361

Ion Ratio Lower Upper

168 100

99 49.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050924.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050924.D (-1797) (-)

7.67

250000

200000

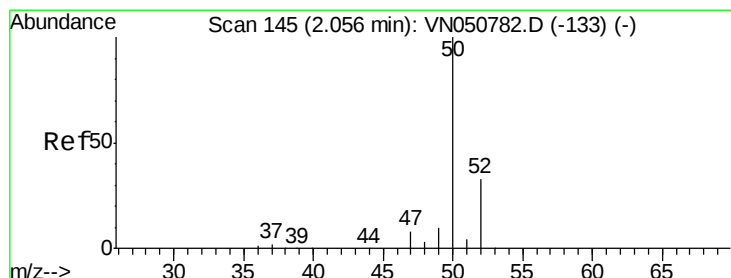
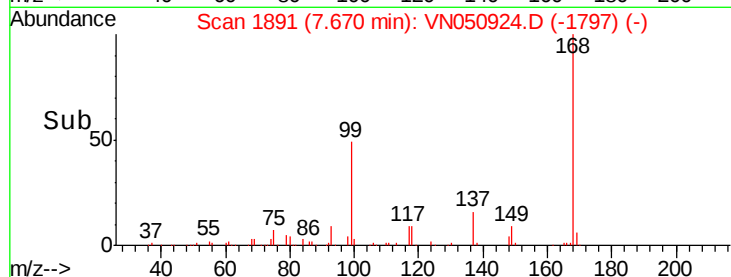
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.25 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050924.D

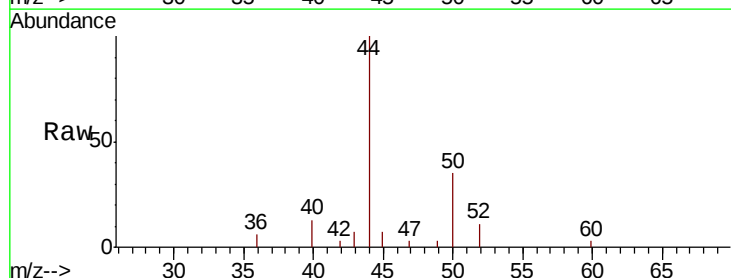
Acq: 28 Aug 2018 19:52

Tgt Ion: 50 Resp: 2465

Ion Ratio Lower Upper

50 100

52 31.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN050924.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN050924.D (-52) (-)

2.06

2000

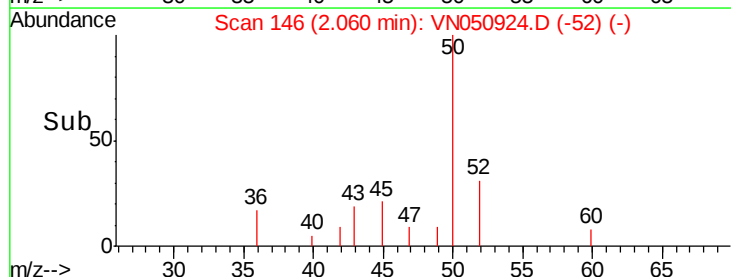
1500

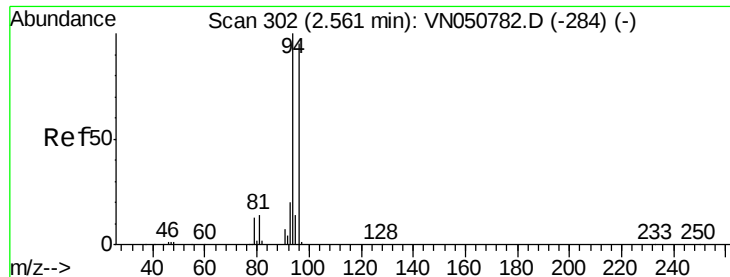
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

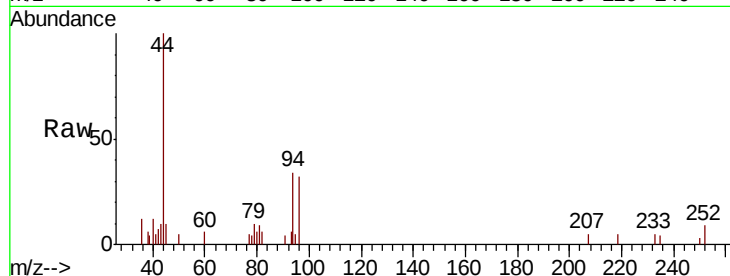
PB112421ZHE#02

Tot Ion: 94 Resp: 3080

Ion Ratio Lower Upper

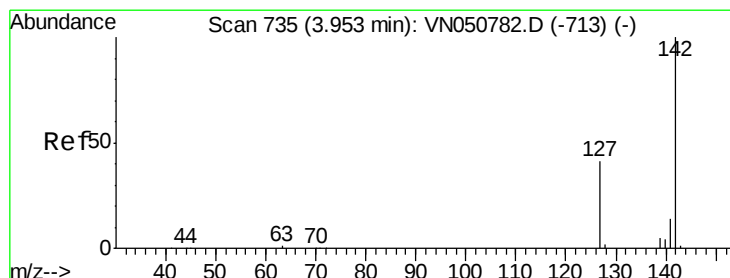
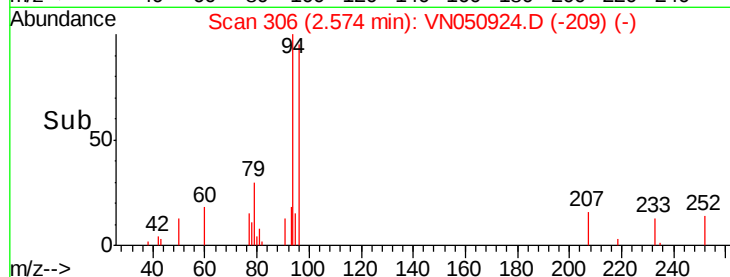
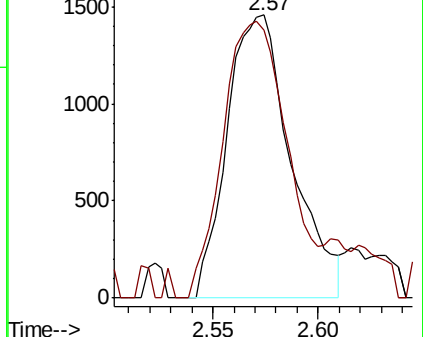
94 100

96 94.8 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050924.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN050924.D (-209) (-)



#10

Methyl Iodide

Concen: 6.52 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

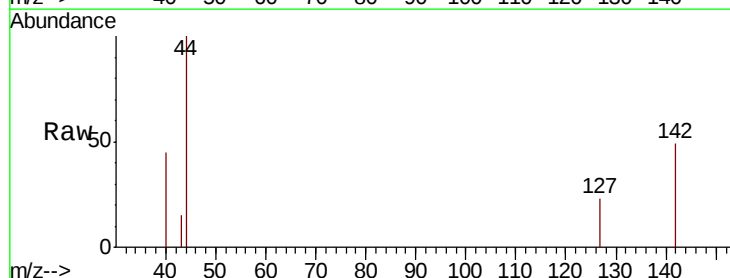
Tgt Ion: 142 Resp: 1346

Ion Ratio Lower Upper

142 100

127 21.4 31.7 47.5#

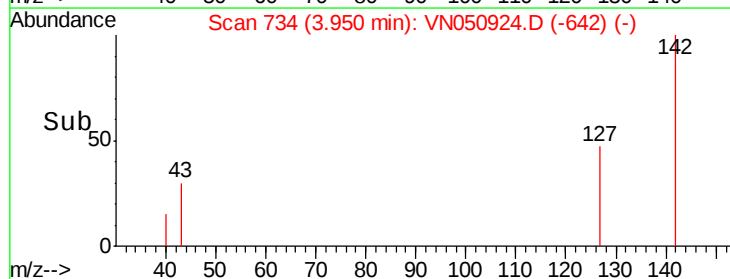
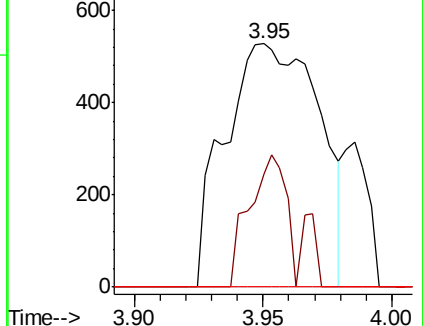
141 0.0 11.4 17.0#

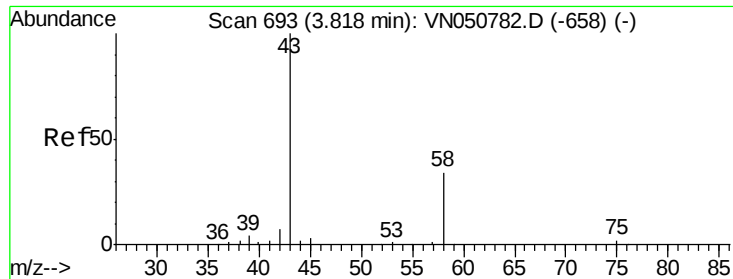


Abundance Ion 141.80 (141.50 to 142.50): VN050924.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050924.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050924.D (-642) (-)





#16

Acetone

Concen: 1.70 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

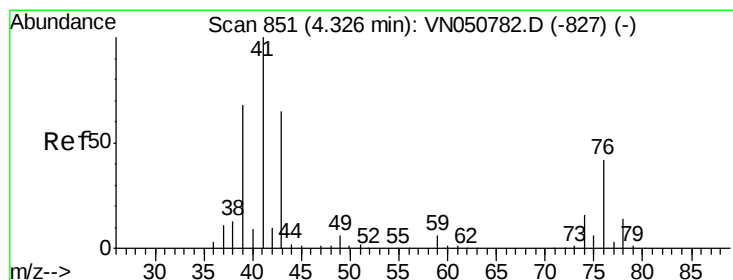
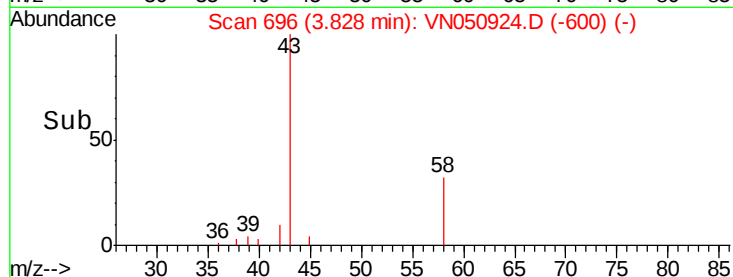
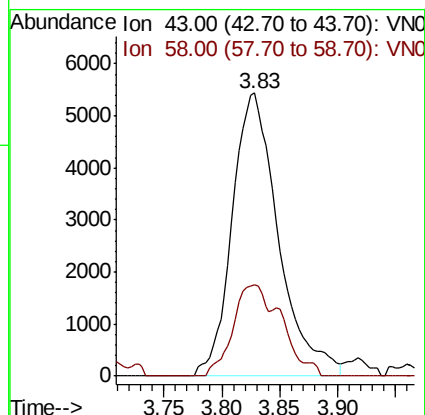
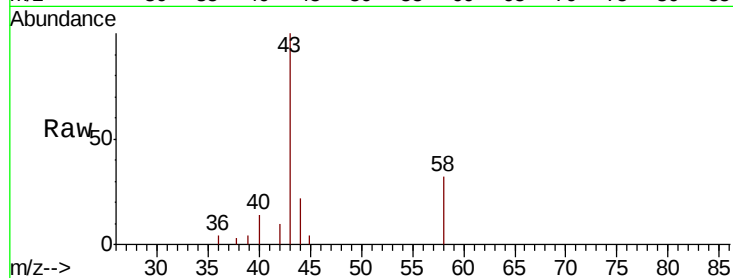
PB112421ZHE#02

Tot Ion: 43 Resp: 15086

Ion Ratio Lower Upper

43 100

58 32.3 27.2 40.8



#18

Methyl Acetate

Concen: 1.66 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN050924.D

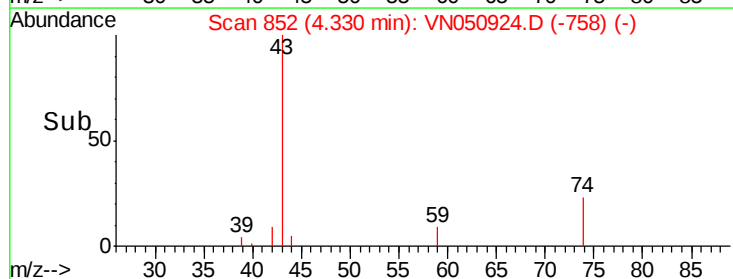
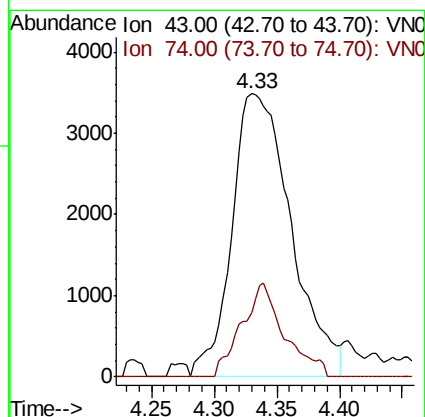
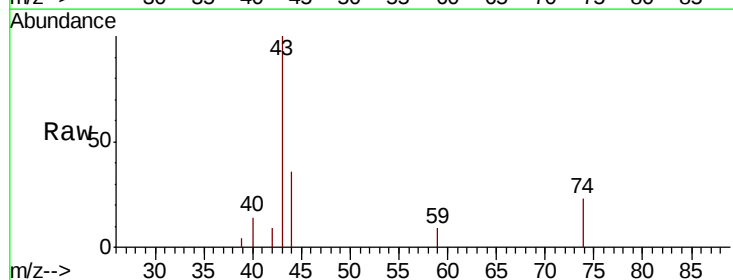
Acq: 28 Aug 2018 19:52

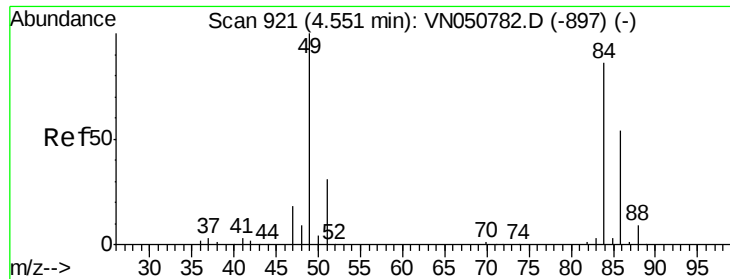
Tgt Ion: 43 Resp: 11455

Ion Ratio Lower Upper

43 100

74 24.0 19.8 29.8

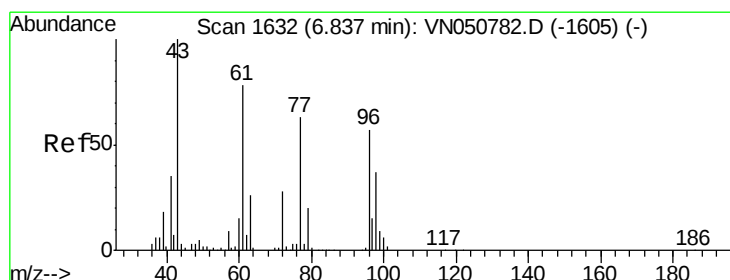
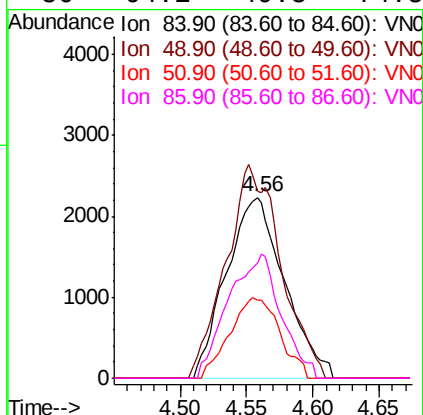
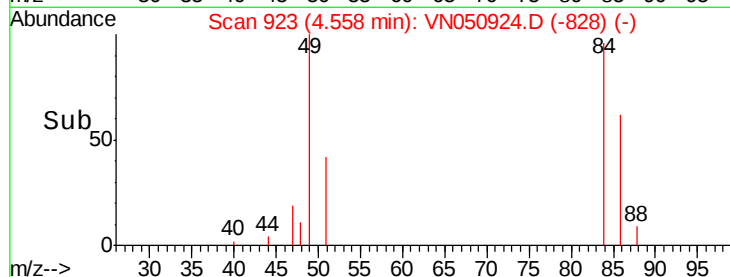
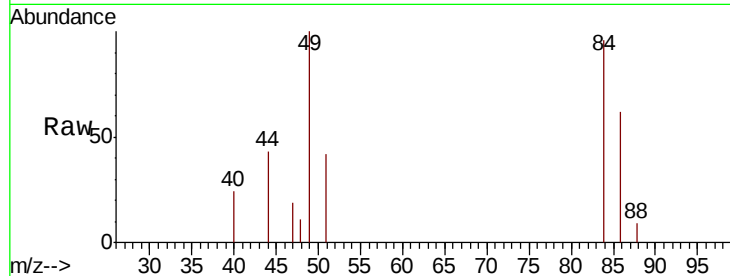




#20
Methvlene Chloride
Concen: 0.83 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050924.D
Acq: 28 Aug 2018 19:52

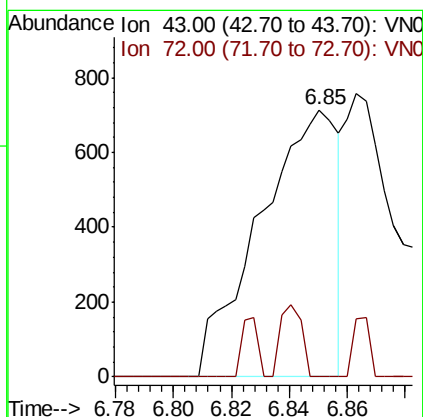
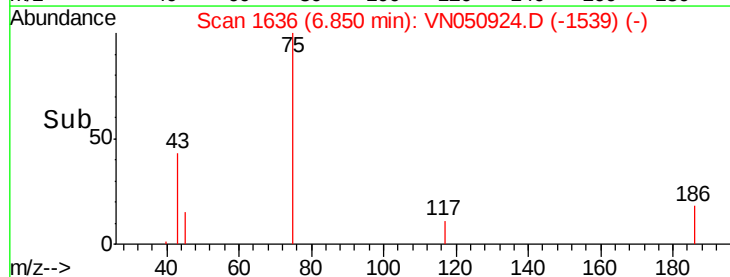
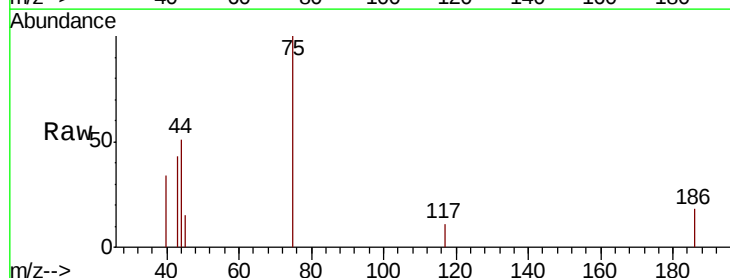
Instrument :
MSVOA_N
ClientSampleId :
PB112421ZHE#02

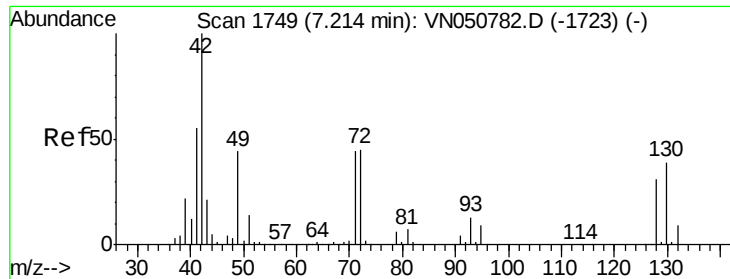
Tot Ion: 84 Resp: 6822
Ion Ratio Lower Upper
84 100
49 103.6 93.2 139.8
51 43.4 29.0 43.6
86 64.1 49.8 74.8



#25
2-Butanone
Concen: 0.45 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050924.D
Acq: 28 Aug 2018 19:52

Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#





#29

Tetrahydrofuran

Concen: 0.48 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#02

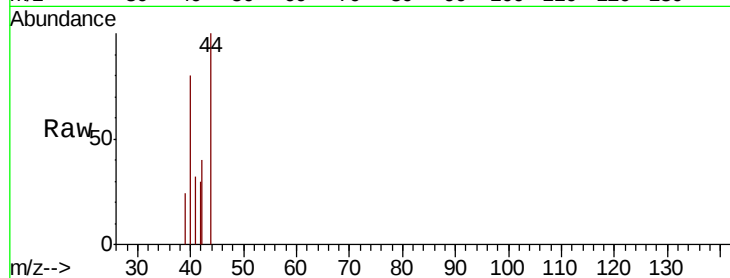
Tot Ion: 42 Resp: 804

Ion Ratio Lower Upper

42 100

72 7.8 35.5 53.3#

71 3.7 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

7.23

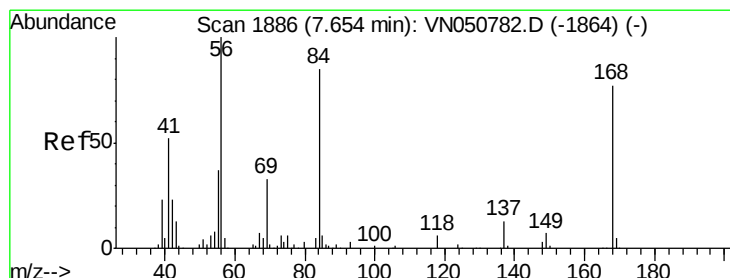
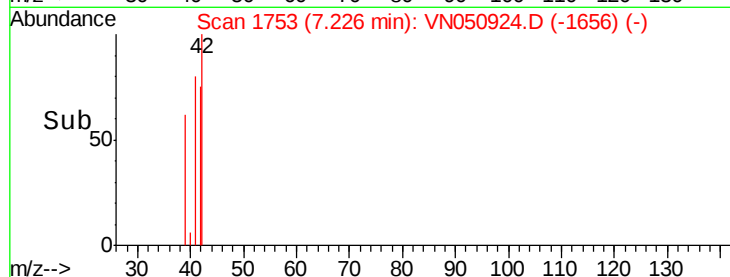
400

200

0

7.20 7.25

Time-->



#31

Cyclohexane

Concen: 1.25 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

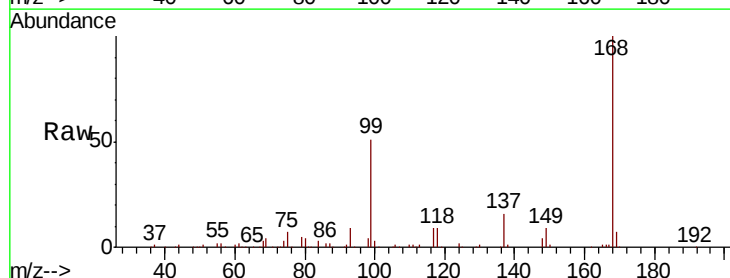
Tgt Ion: 56 Resp: 9888

Ion Ratio Lower Upper

56 100

69 217.0 26.2 39.4#

84 176.9 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

12000

10000

8000

6000

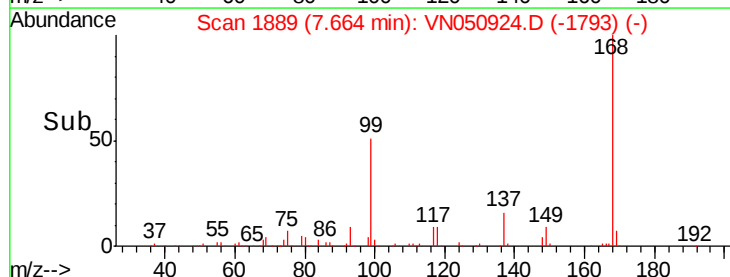
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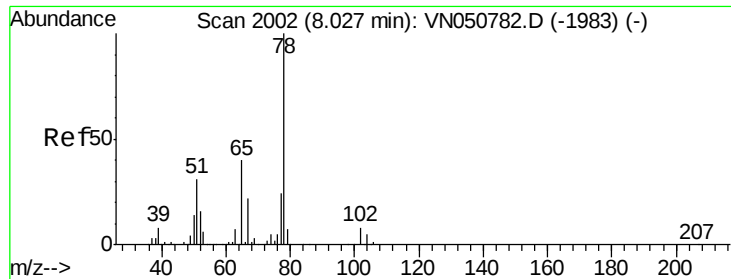
2000

0

7.60 7.65 7.70

Time-->

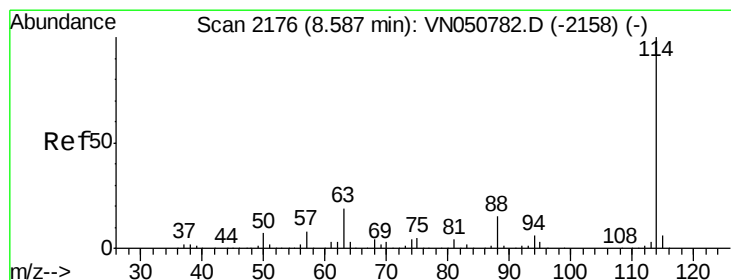
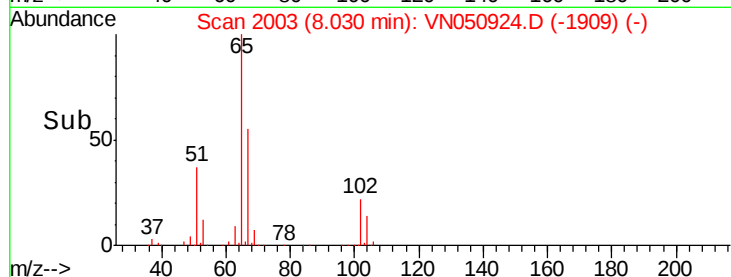
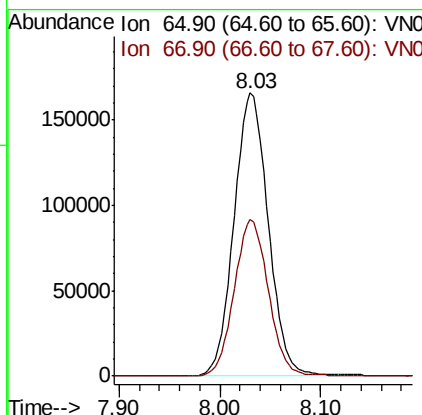
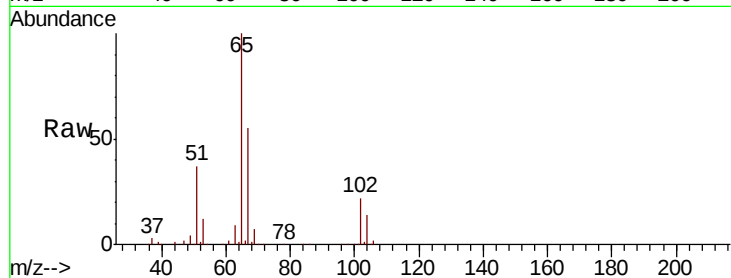




#33
 1,2-Dichloroethane-d4
 Concen: 53.49 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050924.D
 Acq: 28 Aug 2018 19:52

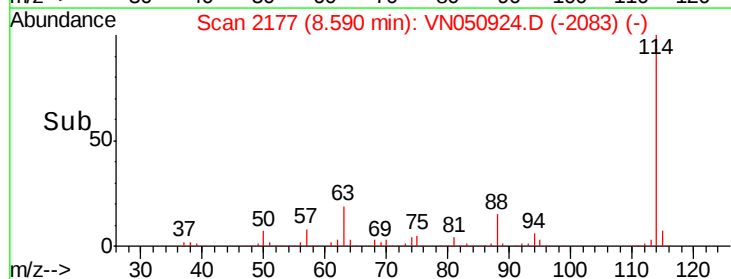
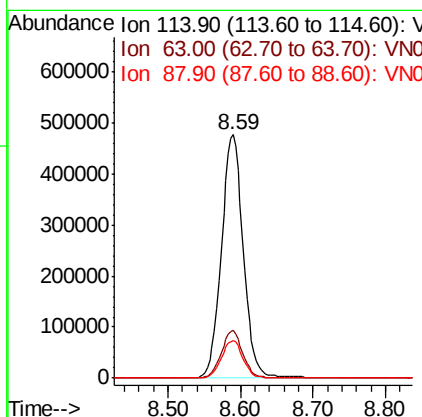
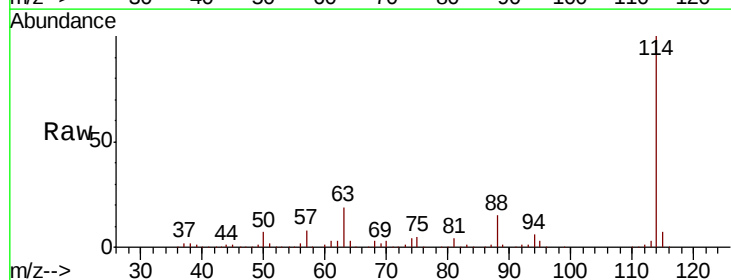
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#02

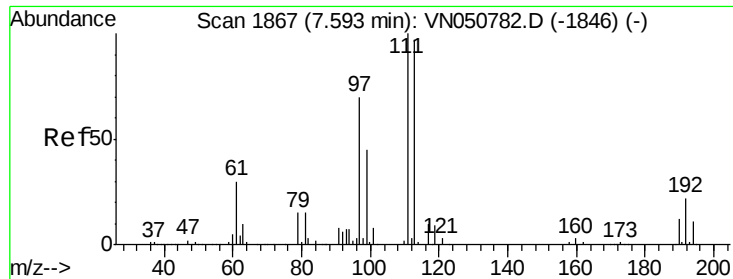
Tot Ion: 65 Resp: 391100
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050924.D
 Acq: 28 Aug 2018 19:52

Tgt Ion: 114 Resp: 996124
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.3 0.0 30.6

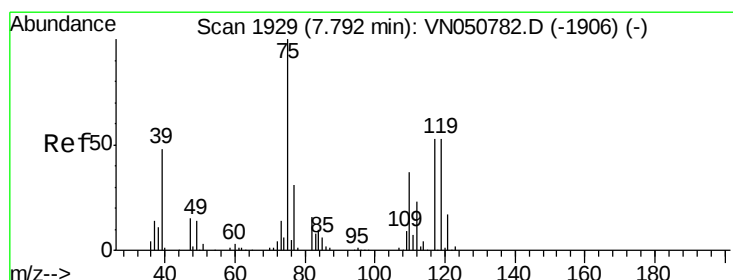
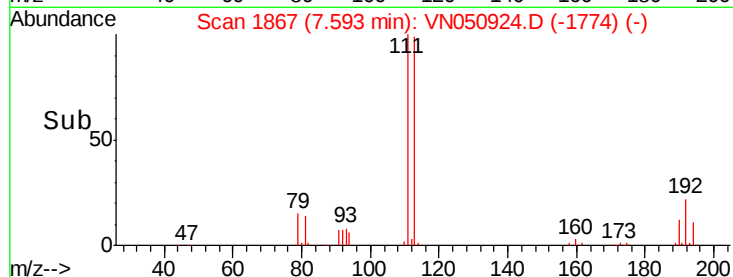
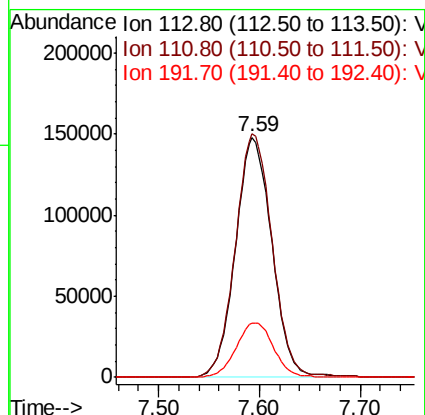
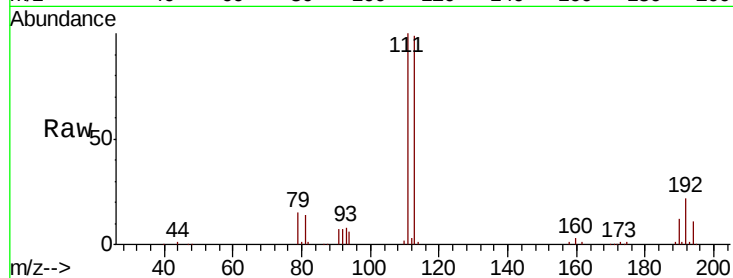




#35
 Dibromofluoromethane
 Concen: 46.77 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050924.D
 Acq: 28 Aug 2018 19:52

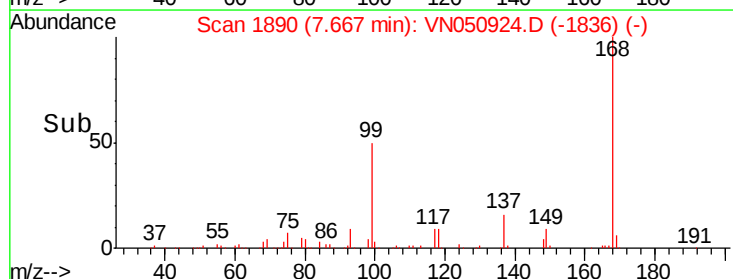
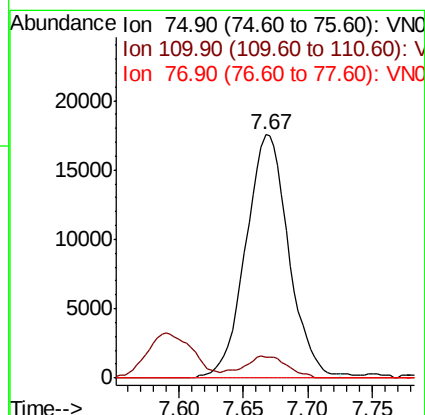
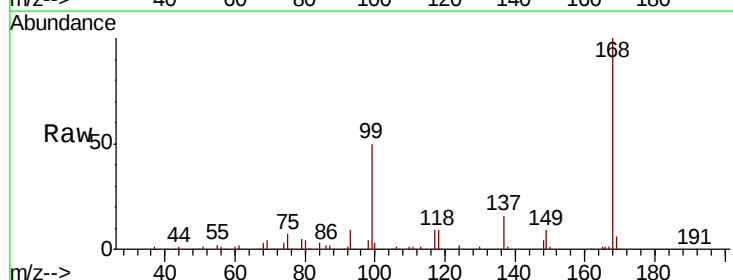
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#02

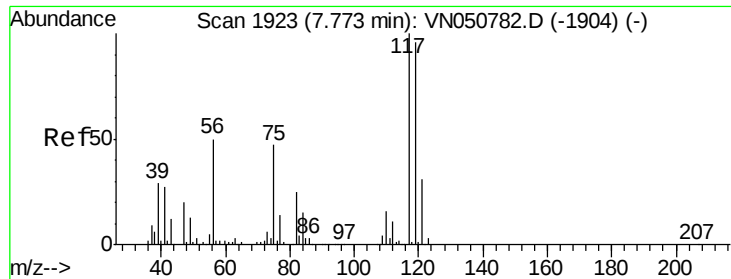
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	23.1	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 3.47 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050924.D
 Acq: 28 Aug 2018 19:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	24.8	37.2#

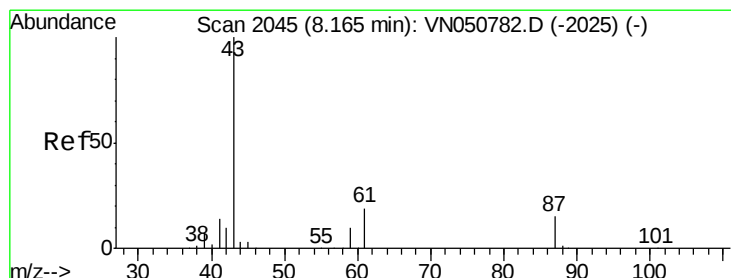
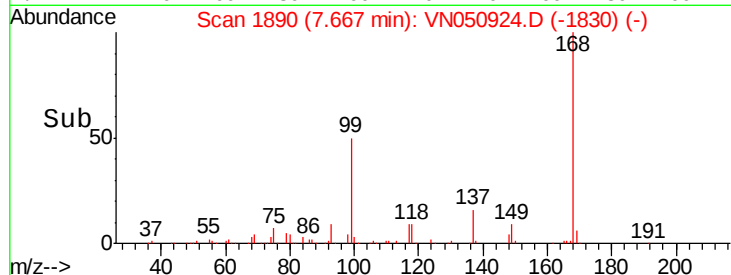
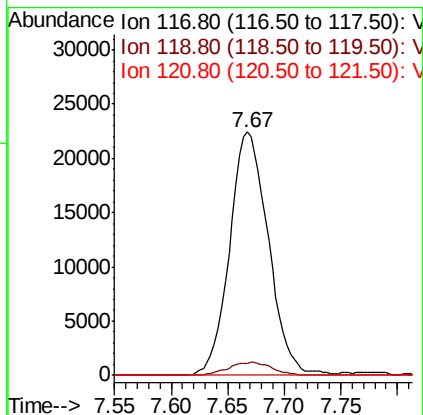
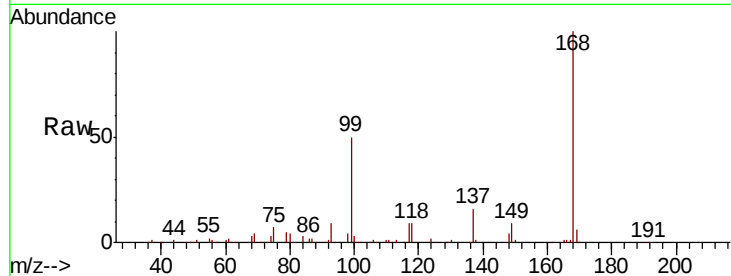




#38
Carbon Tetrachloride
Concen: 4.49 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050924.D
Acq: 28 Aug 2018 19:52

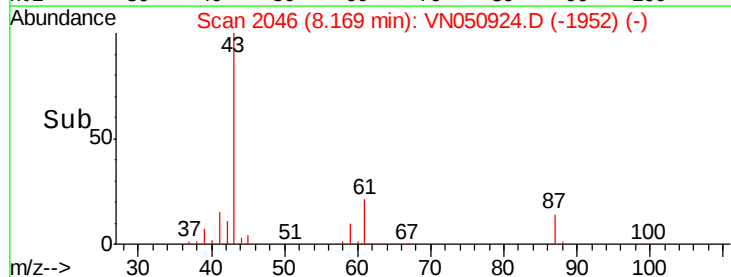
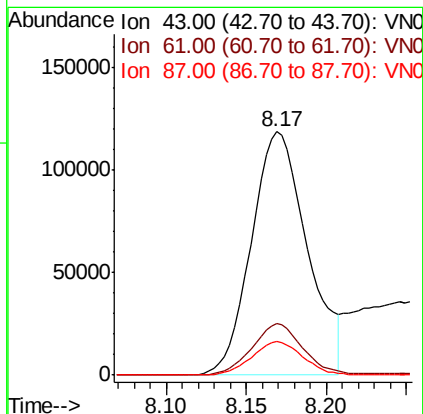
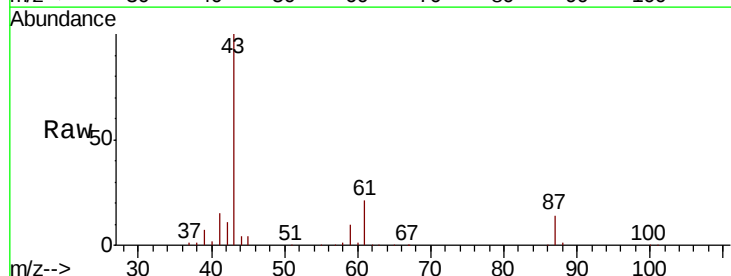
Instrument :
MSVOA_N
ClientSampleId :
PB112421ZHE#02

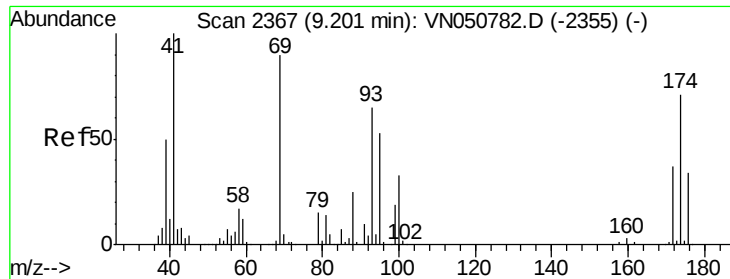
Tot Ion:117 Resp: 53372
Ion Ratio Lower Upper
117 100
119 5.1 76.3 114.5#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 24.78 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050924.D
Acq: 28 Aug 2018 19:52

Tgt Ion: 43 Resp: 287662
Ion Ratio Lower Upper
43 100
61 19.4 17.5 26.3
87 12.6 11.3 16.9

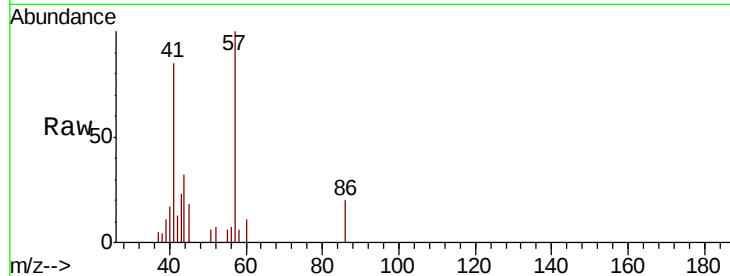




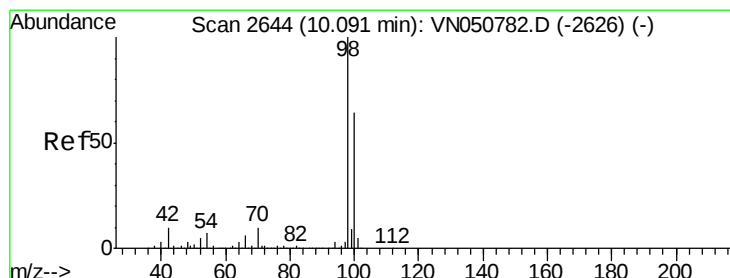
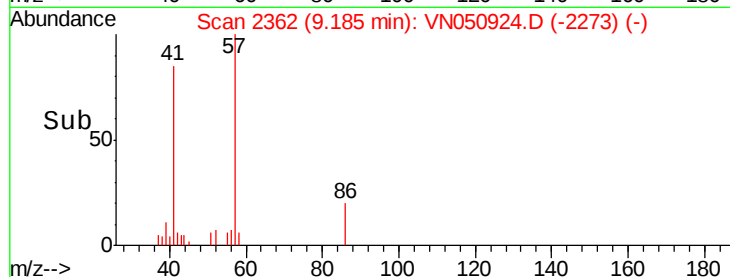
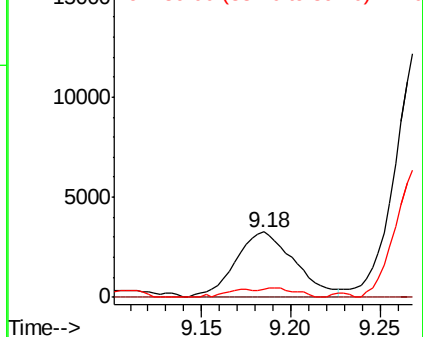
#48
Methvl methacrylate
Concen: 1.28 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050924.D
Acq: 28 Aug 2018 19:52

Instrument :
MSVOA_N
ClientSampleId :
PB112421ZHE#02

Tot Ion: 41 Resp: 7556
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 8.0 42.2 63.2#

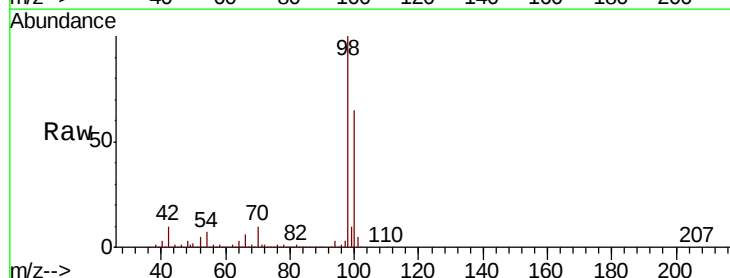


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

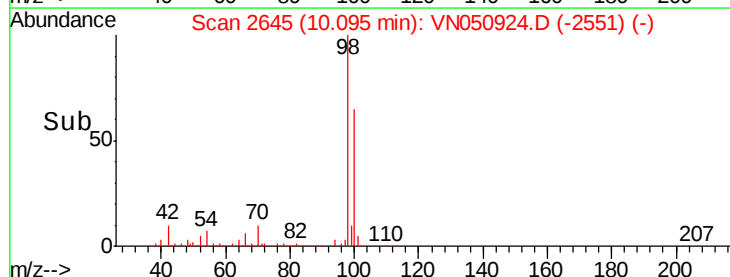
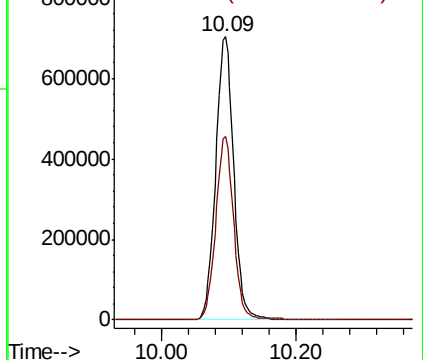


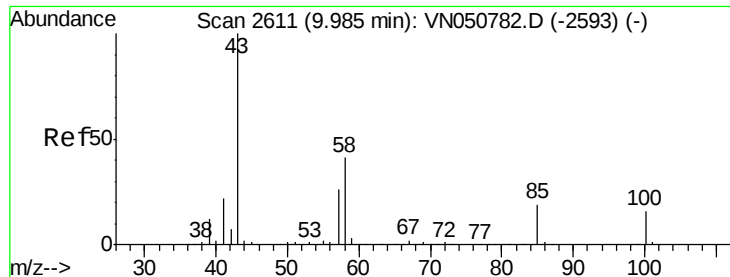
#50
Toluene-d8
Concen: 44.51 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050924.D
Acq: 28 Aug 2018 19:52

Tgt Ion: 98 Resp: 1318903
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



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





#51

4-Methyl-2-Pentanone

Concen: 0.26 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.01 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

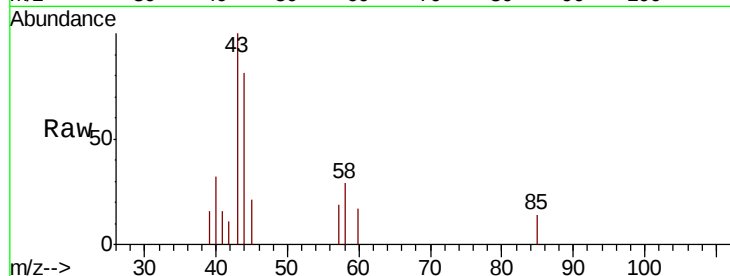
PB112421ZHE#02

Tot Ion: 43 Resp: 1827

Ion Ratio Lower Upper

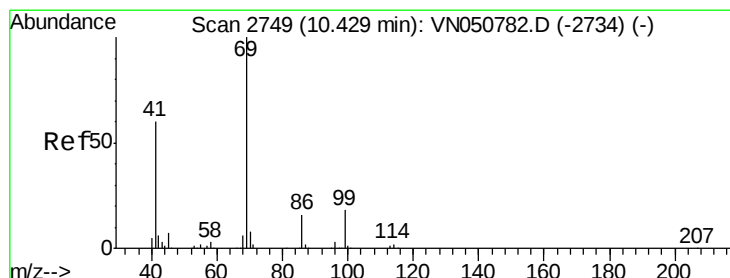
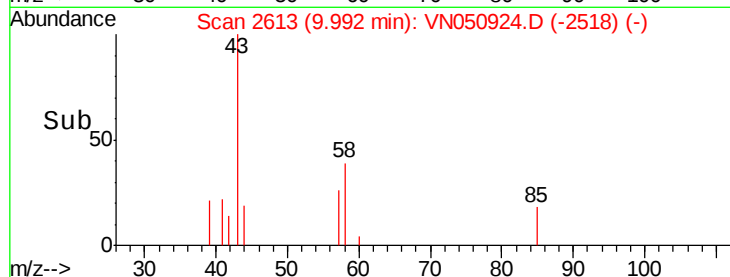
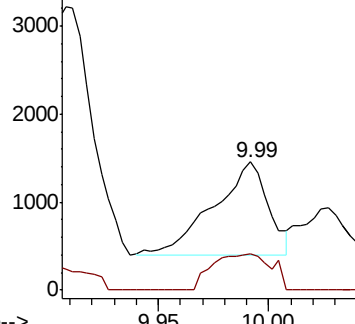
43 100

58 42.0 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2593) (-)

Ion 58.00 (57.70 to 58.70): VN050782.D (-2593) (-)



#56

Ethyl methacrylate

Concen: 2.36 ug/l

RT: 10.29 min Scan# 2707

Delta R.T. -0.13 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

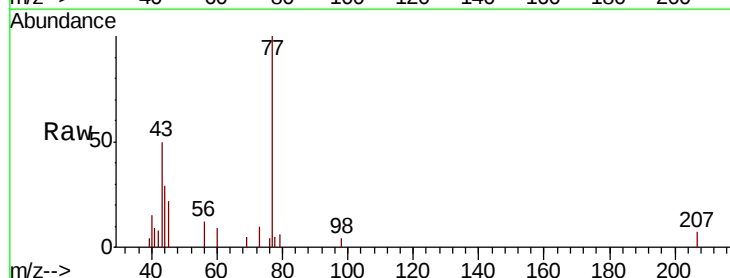
Tgt Ion: 69 Resp: 138

Ion Ratio Lower Upper

69 100

41 0.0 48.3 72.5#

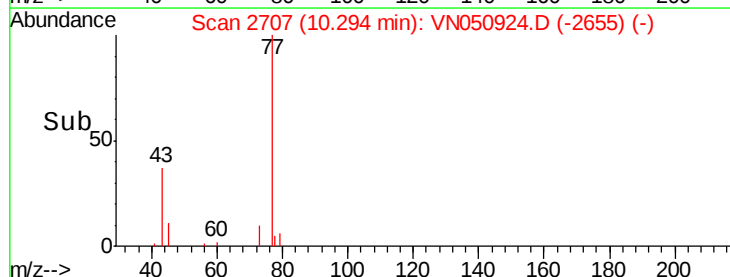
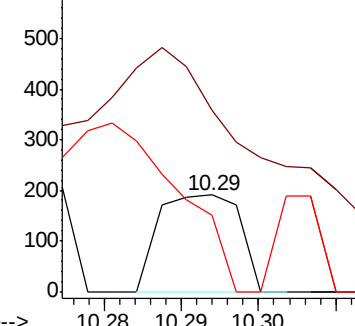
39 52.9 24.0 36.0#

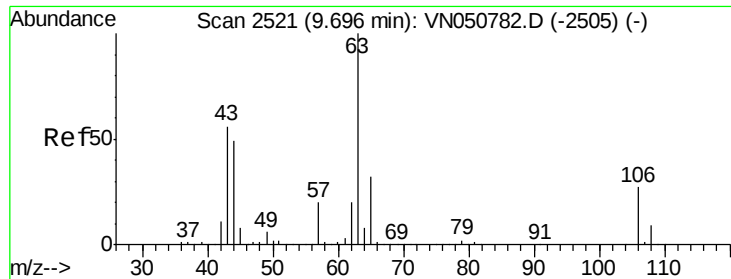


Abundance Ion 69.00 (68.70 to 69.70): VN050782.D (-2734) (-)

Ion 41.00 (40.70 to 41.70): VN050782.D (-2734) (-)

Ion 39.00 (38.70 to 39.70): VN050782.D (-2734) (-)





#58

2-Chloroethyl Vinyl ether

Concen: 12.23 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

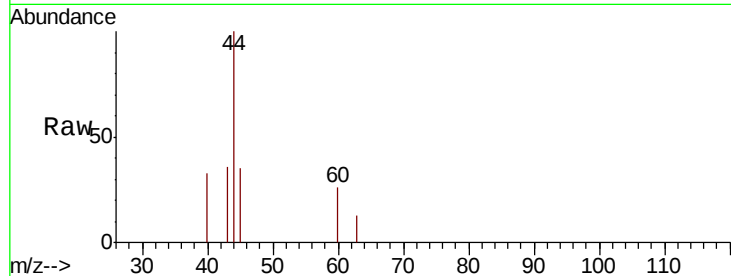
PB112421ZHE#02

Tot Ion: 63 Resp: 30

Ion Ratio Lower Upper

63 100

106 0.0 21.9 32.9#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

150

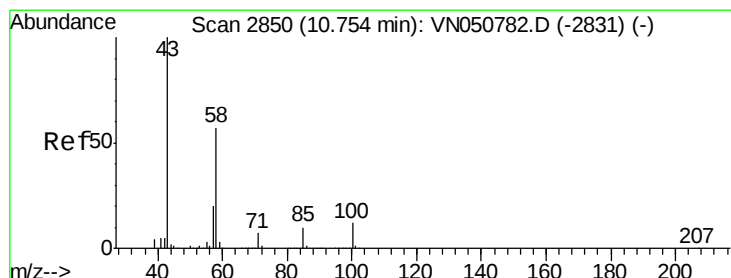
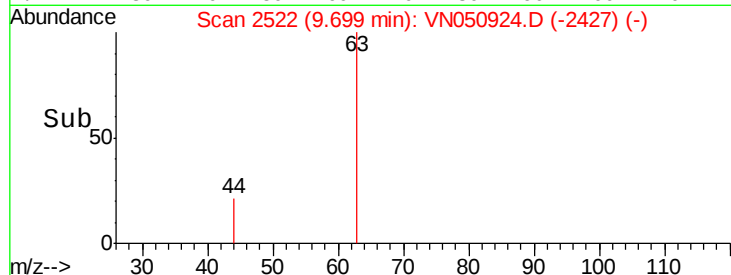
100

50

0

9.69 9.70 9.71 9.71

Time-->



#59

2-Hexanone

Concen: 3.82 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050924.D

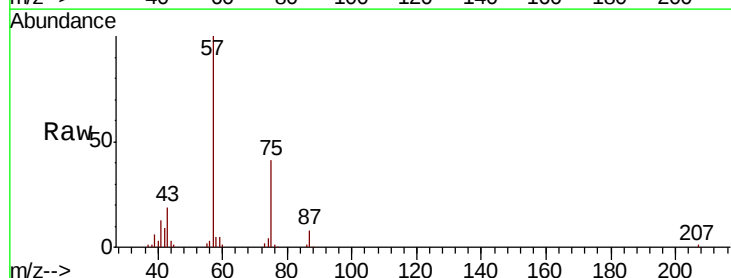
Acq: 28 Aug 2018 19:52

Tgt Ion: 43 Resp: 17634

Ion Ratio Lower Upper

43 100

58 29.7 28.3 85.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

12000

10000

8000

6000

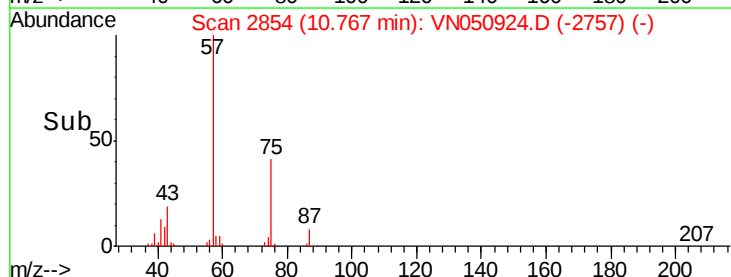
4000

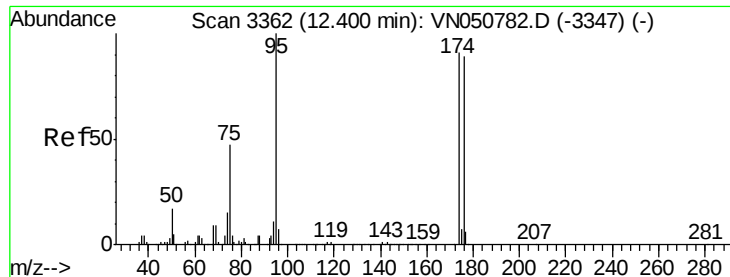
2000

0

10.75 10.80

Time-->





#62

4-Bromofluorobenzene

Concen: 34.72 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#02

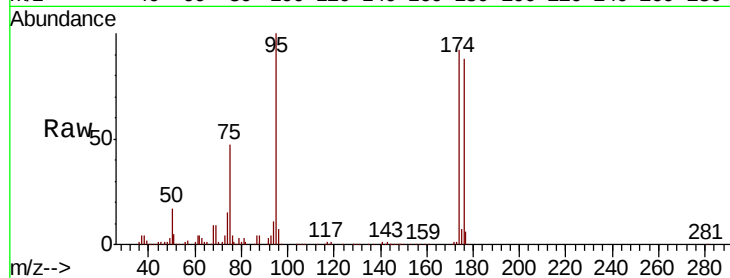
Tot Ion: 95 Resp: 341844

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.0

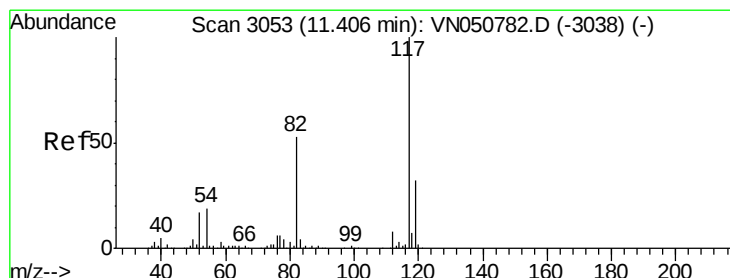
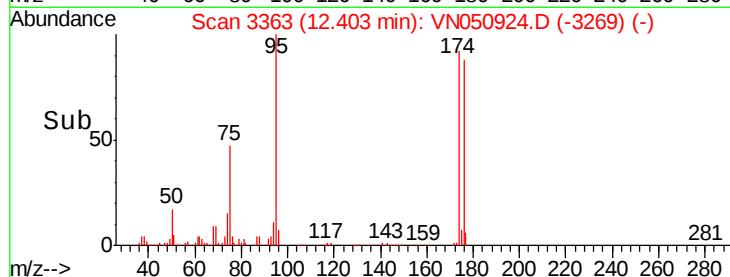
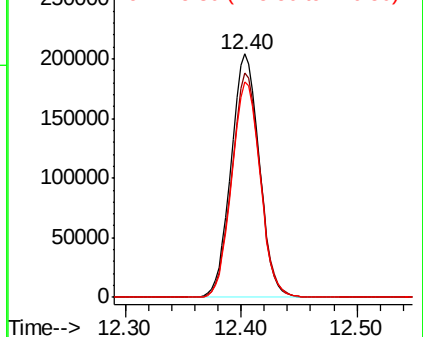
176 89.0 0.0 178.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

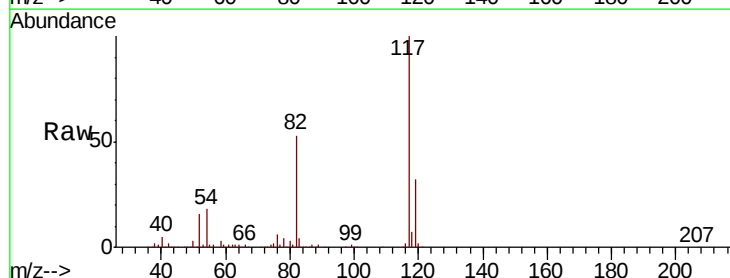
Tgt Ion: 117 Resp: 811041

Ion Ratio Lower Upper

117 100

82 52.9 42.6 64.0

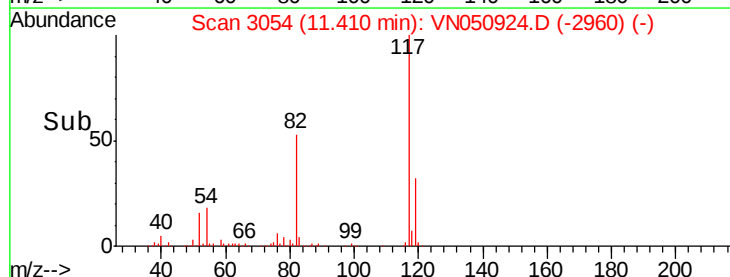
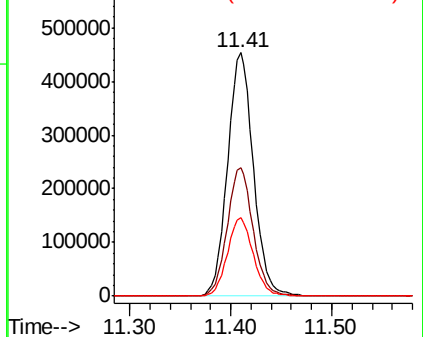
119 32.0 25.8 38.6

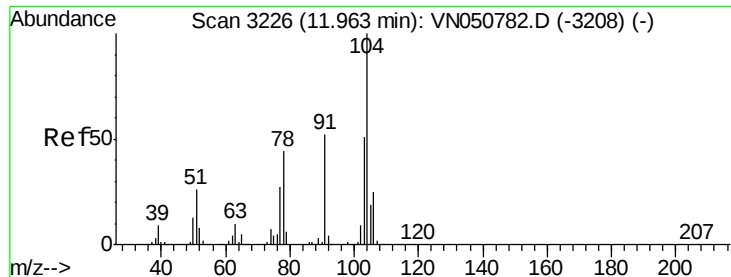


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

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

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





#70

Stvrene

Concen: 1.30 ug/l

RT: 11.97 min Scan# 3228

Delta R.T. 0.01 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#02

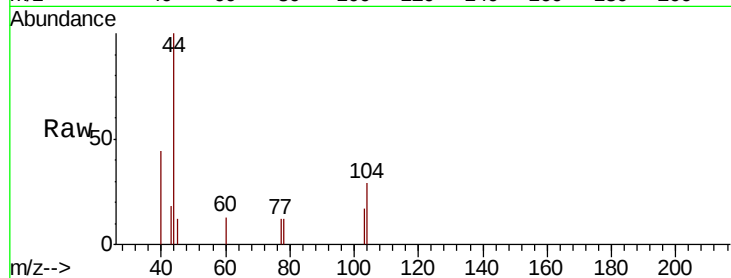
Tot Ion:104 Resp: 683

Ion Ratio Lower Upper

104 100

78 4.4 38.2 57.4#

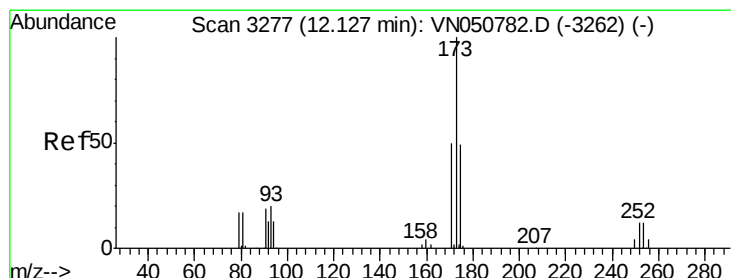
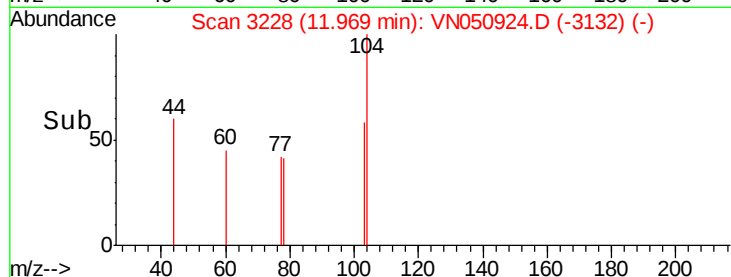
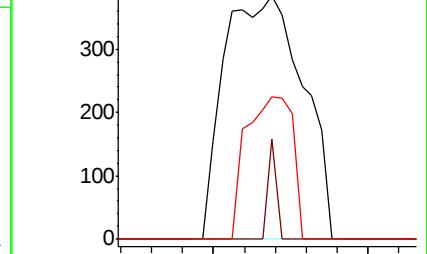
103 34.1 44.4 66.6#



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: 0.33 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

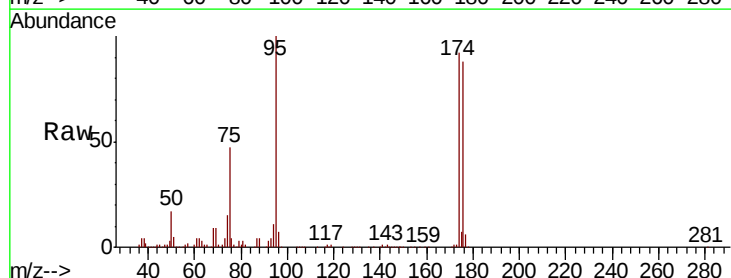
Tgt Ion:173 Resp: 1771

Ion Ratio Lower Upper

173 100

175 1058.9 24.4 73.4#

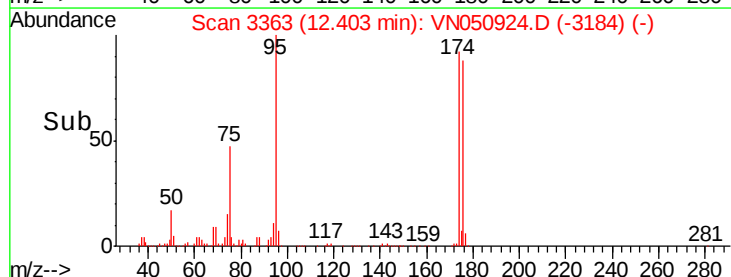
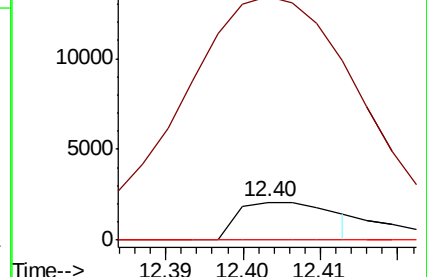
254 0.0 0.1 0.1#

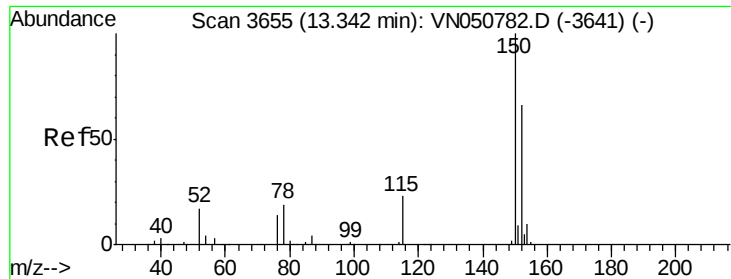


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#02

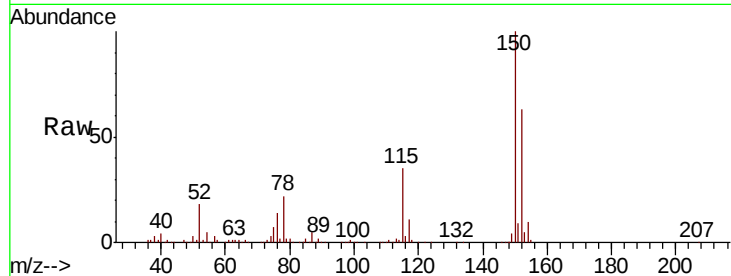
Tot Ion:152 Resp: 261467

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

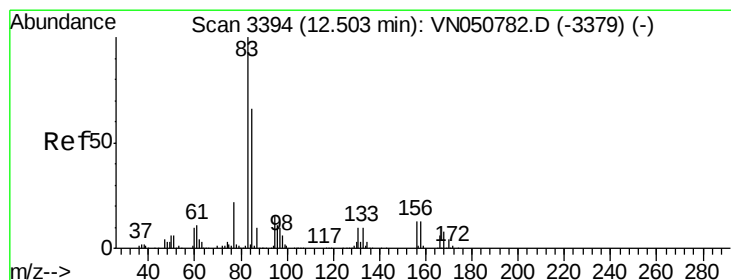
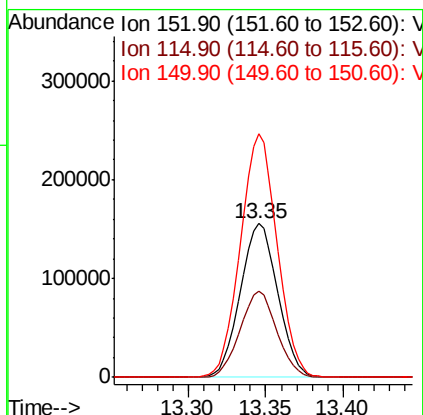
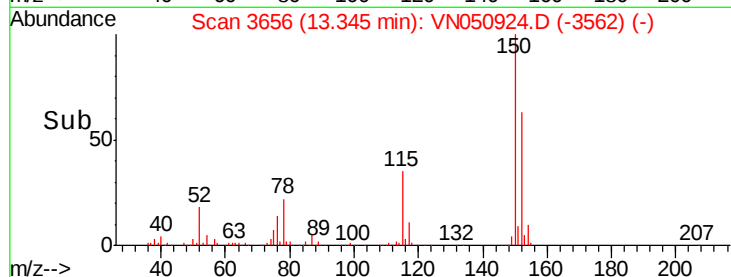
150 155.3 0.0 351.4



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: 12.41 min Scan# 3365

Delta R.T. -0.09 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

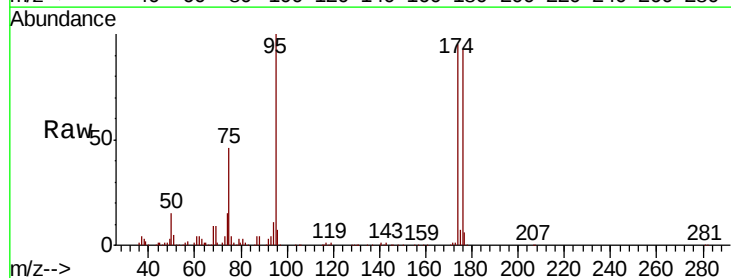
Tgt Ion: 83 Resp: 60

Ion Ratio Lower Upper

83 100

131 636.7 5.3 15.9#

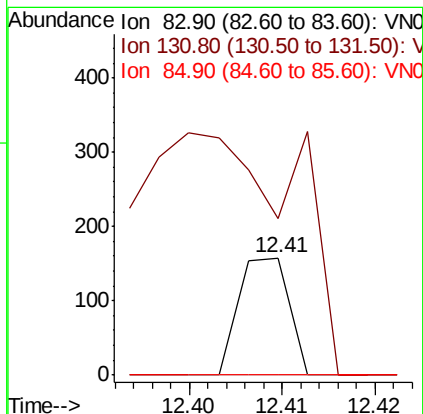
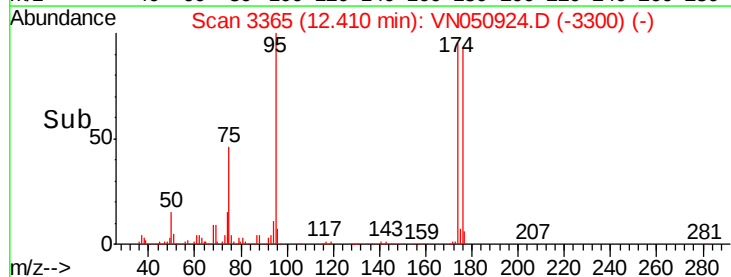
85 0.0 31.9 95.7#

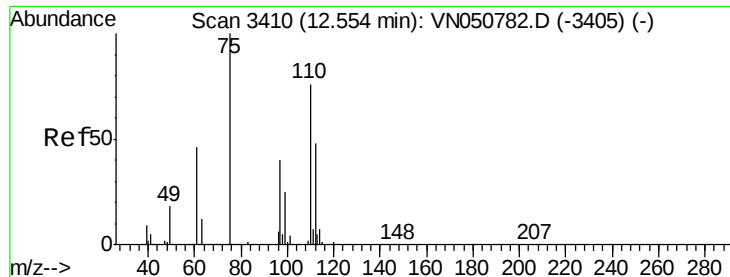


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 35.07 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

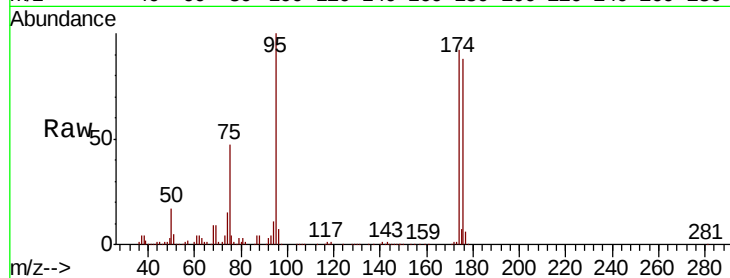
PB112421ZHE#02

Tot Ion: 75 Resp: 160605

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050924.D (-3363) (-)

Ion 77.00 (76.70 to 77.70): VN050924.D (-3363) (-)

12.40

100000

80000

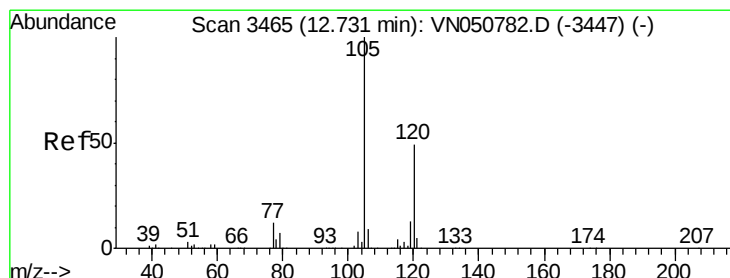
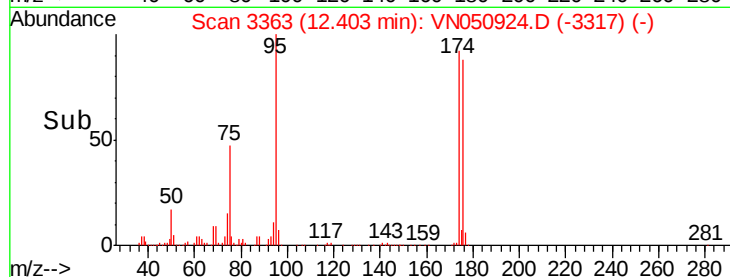
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.25 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050924.D

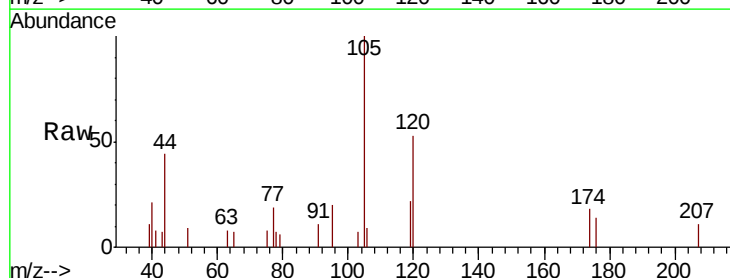
Acq: 28 Aug 2018 19:52

Tgt Ion:105 Resp: 4429

Ion Ratio Lower Upper

105 100

120 54.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN050924.D (-3466) (-)

Ion 120.00 (119.70 to 120.70): VN050924.D (-3466) (-)

12.73

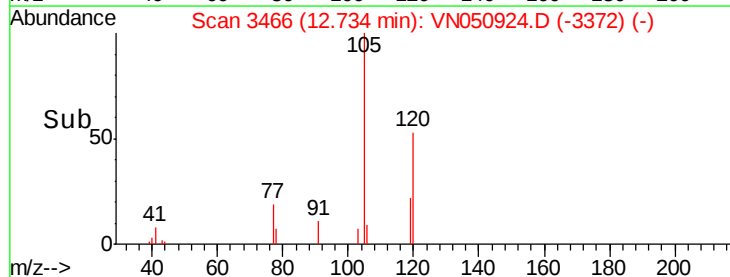
3000

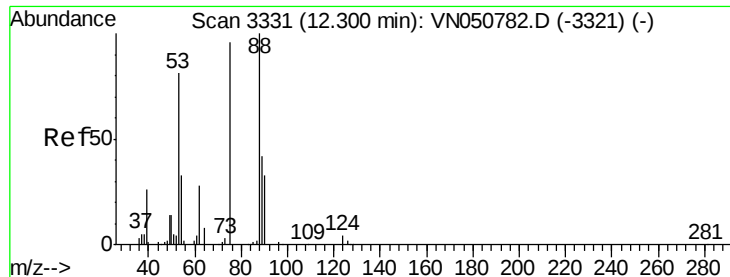
2000

1000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 118.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#02

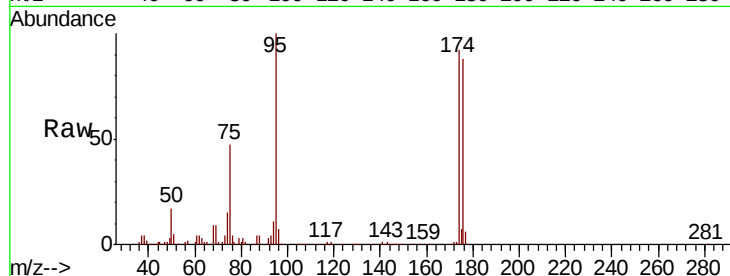
Tot Ion: 75 Resp: 160605

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

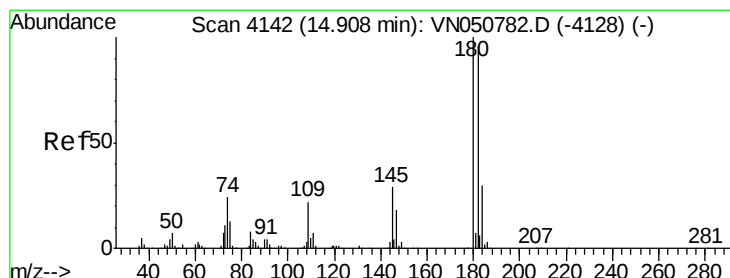
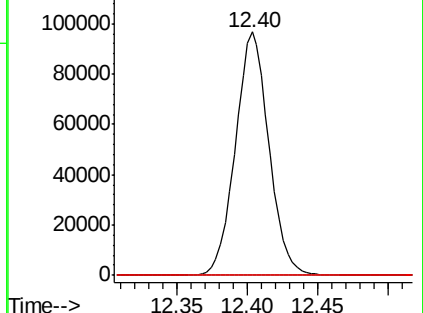
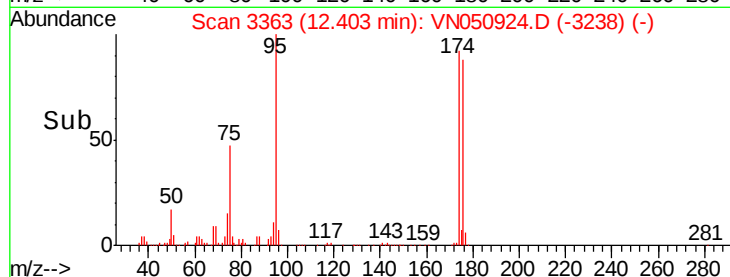
89 0.0 36.1 54.1#



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



#93

1,2,4-Trichlorobenzene

Concen: 4.23 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.01 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

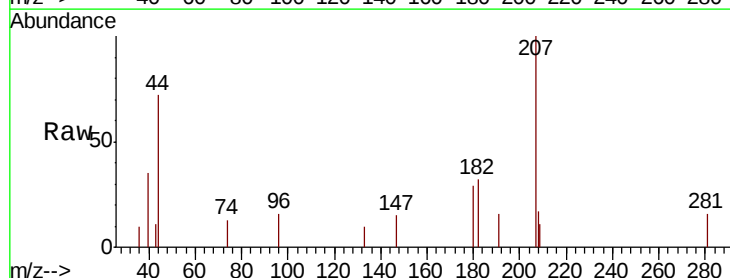
Tgt Ion: 180 Resp: 826

Ion Ratio Lower Upper

180 100

182 91.4 48.2 144.6

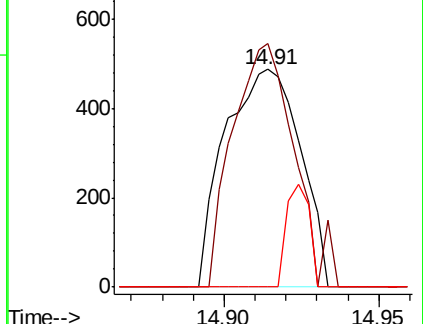
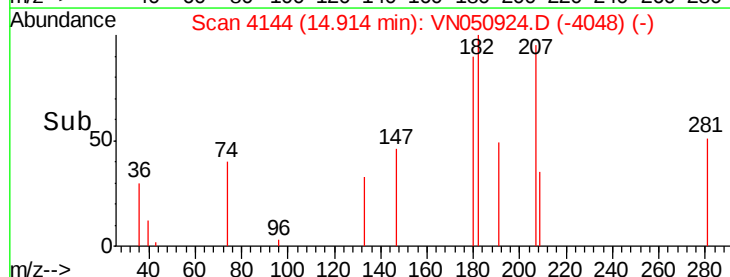
145 14.2 14.1 42.2

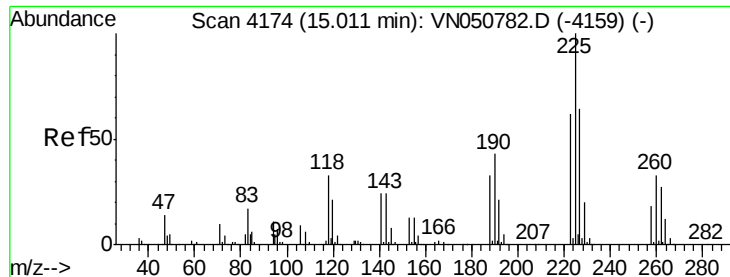


Abundance Ion 179.80 (179.50 to 180.50): V

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# 4173

Delta R.T. -0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#02

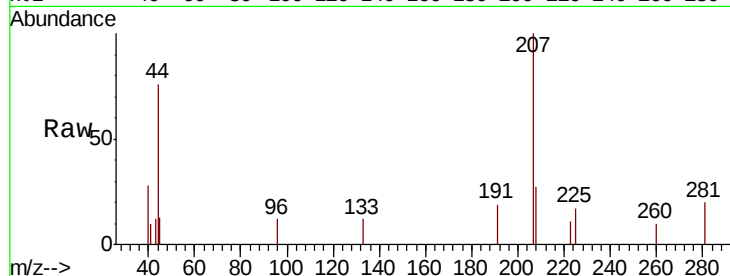
Tot Ion:225 Resp: 176

Ion Ratio Lower Upper

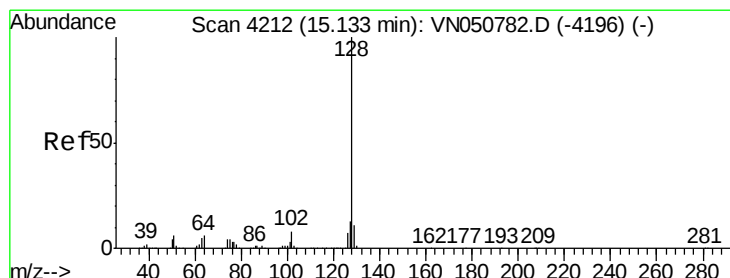
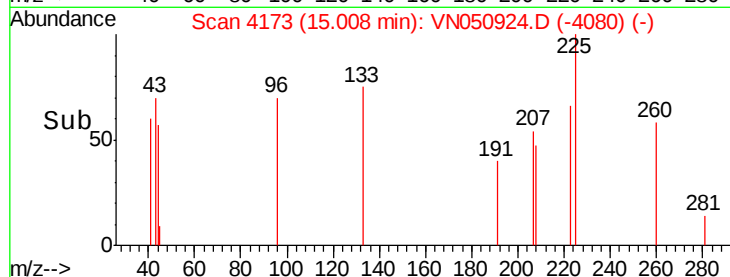
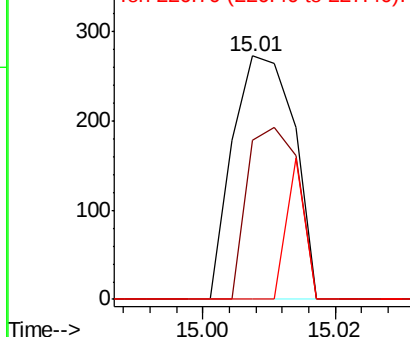
225 100

223 58.5 31.3 93.8

227 17.6 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: 5.57 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

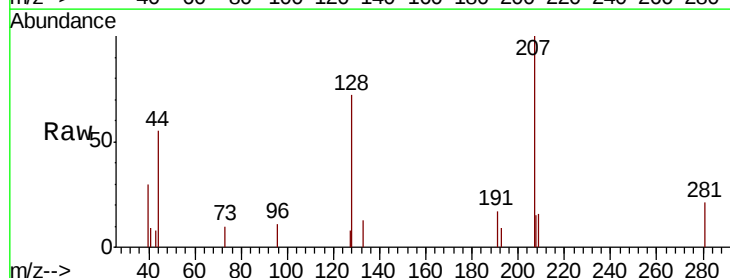
Tgt Ion:128 Resp: 1970

Ion Ratio Lower Upper

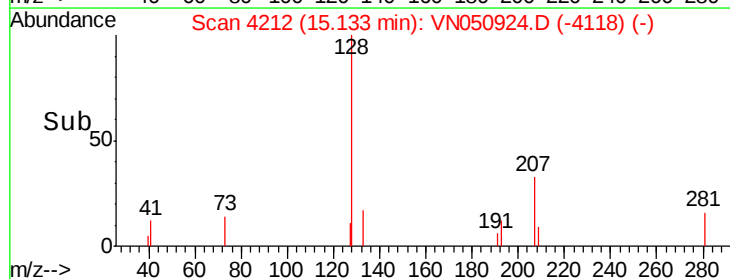
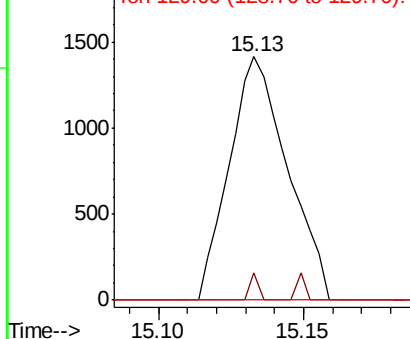
128 100

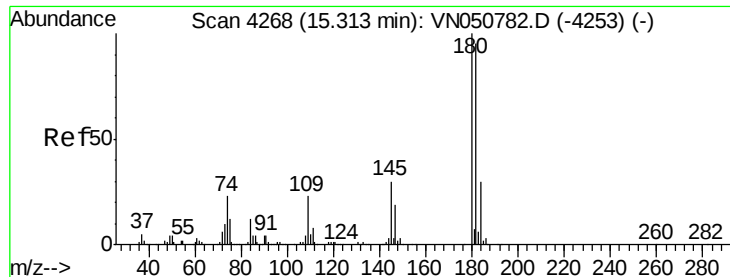
127 1.5 10.5 15.7#

129 0.0 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: 3.47 ua/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.01 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#02

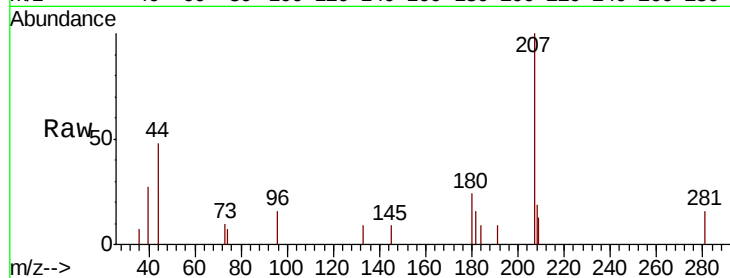
Tot Ion:180 Resp: 883

Ion Ratio Lower Upper

180 100

182 83.7 48.0 144.2

145 17.7 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

