

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054741.D
 Acq On : 28 Mar 2019 13:47
 Operator : JC/SP
 Sample : K2107-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Mar 29 05:02:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	550335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	885794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	741497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	274316	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	347596	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
35) Dibromofluoromethane	7.59	113	285011	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
50) Toluene-d8	10.09	98	1055772	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	322627	44.19	ug/l	0.00
Spiked Amount			Recovery	=	88.38%	

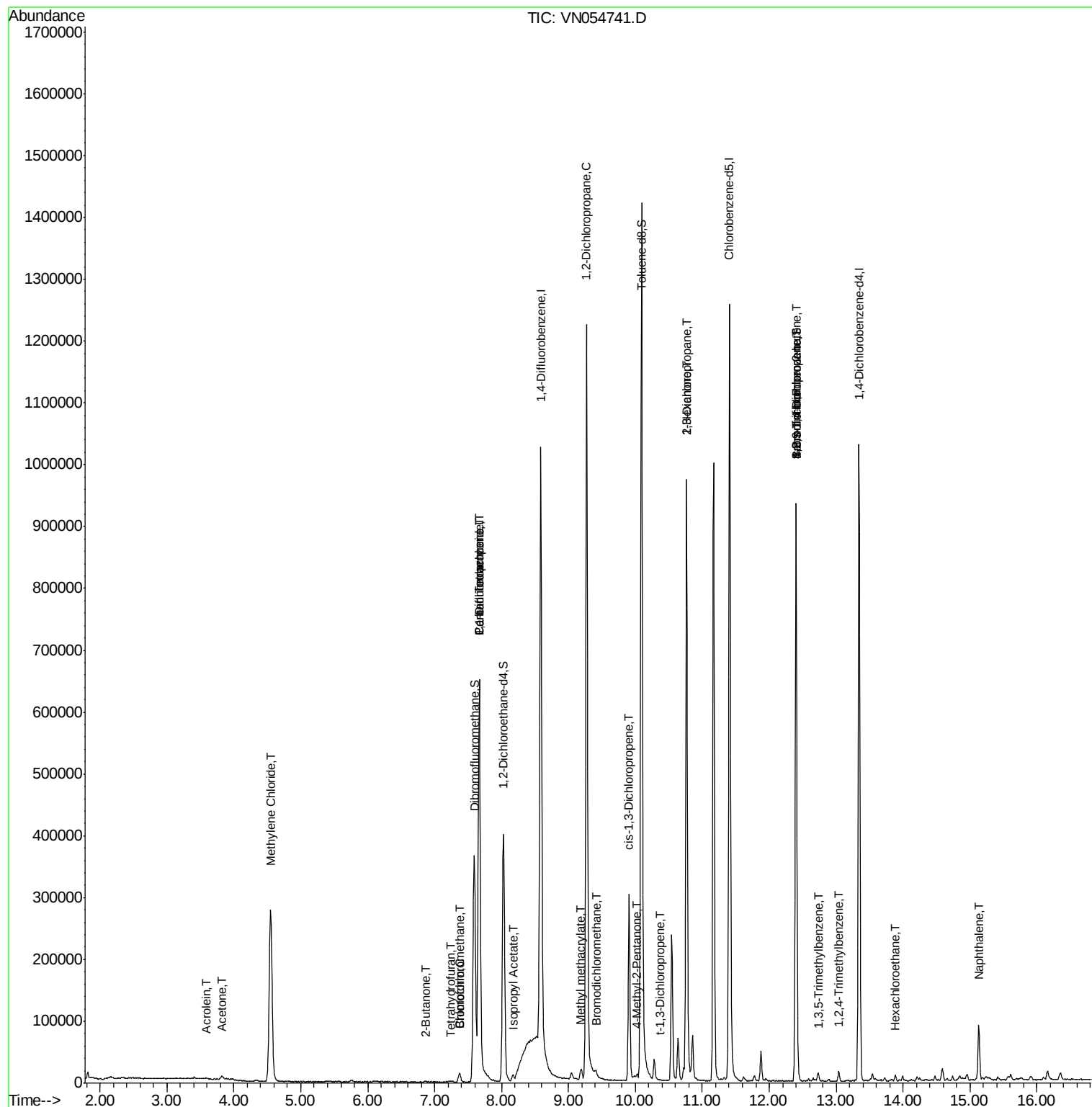
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.59	56	185	0.323	ug/l #	1
16) Acetone	3.82	43	8527	4.143	ug/l #	86
20) Methylene Chloride	4.55	84	195449	32.217	ug/l #	82
25) 2-Butanone	6.87	43	832	0.316	ug/l #	46
28) Bromochloromethane	7.37	49	1411	0.270	ug/l #	4
29) Tetrahydrofuran	7.23	42	1358	0.794	ug/l #	42
30) Chloroform	7.37	83	14309	1.381	ug/l	98
31) Cyclohexane	7.67	56	11607	Below Cal	#	24
36) 1,1-Dichloropropene	7.67	75	41401	4.999	ug/l #	49
38) Carbon Tetrachloride	7.67	117	49557	6.157	ug/l #	16
43) Isopropyl Acetate	8.17	43	13469	1.354	ug/l #	93
45) 1,2-Dichloropropane	9.26	63	1279	0.201	ug/l #	86
47) Bromodichloromethane	9.41	83	2936	0.373	ug/l #	94
48) Methyl methacrylate	9.18	41	5775	1.070	ug/l #	11
51) 4-Methyl-2-Pentanone	10.03	43	7771	1.409	ug/l #	36
53) t-1,3-Dichloropropene	10.37	75	29	2.235	ug/l #	47
54) cis-1,3-Dichloropropene	9.90	75	49325	5.464	ug/l #	70
57) 1,3-Dichloropropane	10.76	76	9535	1.048	ug/l #	43
59) 2-Hexanone	10.76	43	161738	44.911	ug/l #	47
71) Bromoform	12.40	173	1974	2.726	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	166714	38.299	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6331	0.349	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	166714	126.826	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	9290	0.523	ug/l	96
90) Hexachloroethane	13.89	117	555	0.203	ug/l #	2
95) Naphthalene	15.13	128	74825	7.647	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

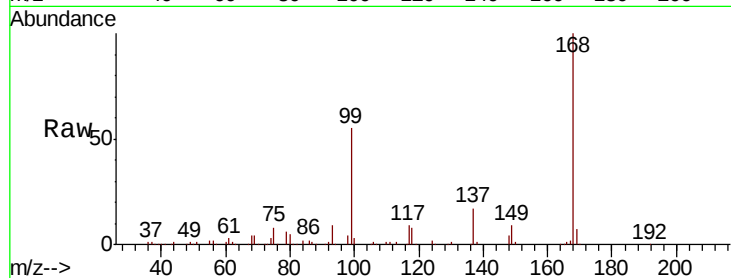
TP-7

Tot Ion:168 Resp: 550335

Ion Ratio Lower Upper

168 100

99 54.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

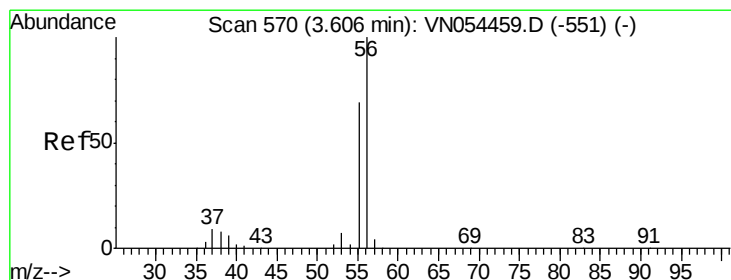
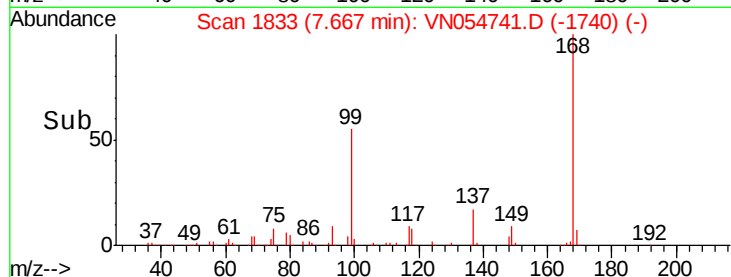
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 0.323 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.02 min

Lab File: VN054741.D

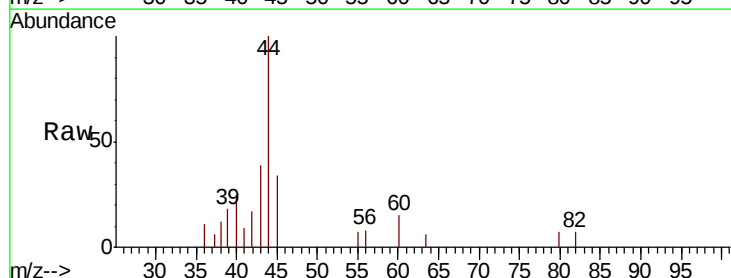
Acq: 28 Mar 2019 13:47

Tgt Ion: 56 Resp: 185

Ion Ratio Lower Upper

56 100

55 197.8 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

300

250

200

150

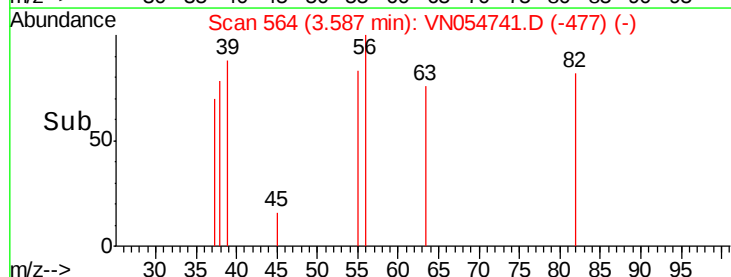
100

50

0

3.57 3.58 3.59 3.60

Time-->





#16

Acetone

Concen: 4.143 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

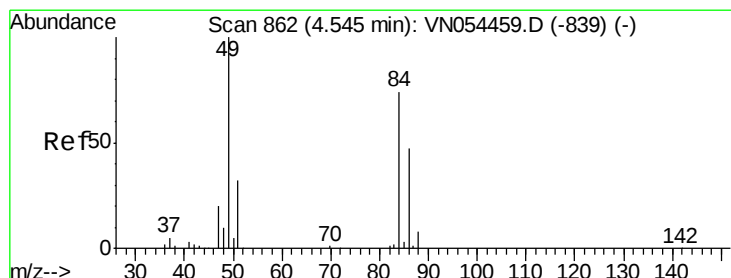
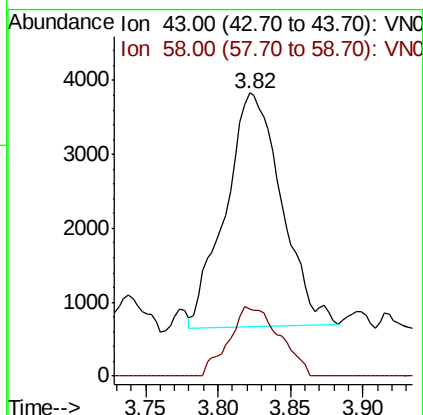
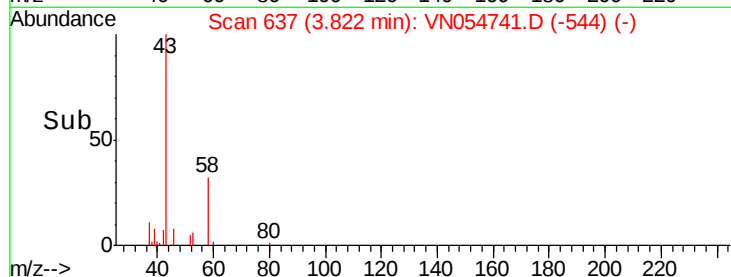
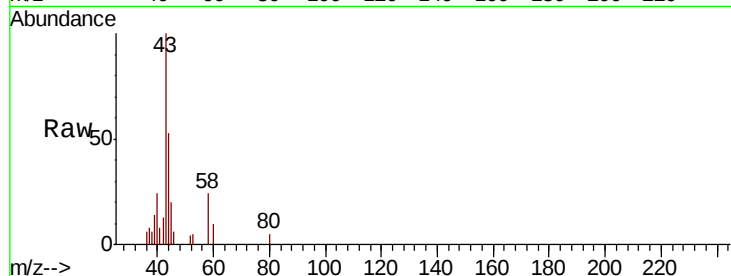
TP-7

Tot Ion: 43 Resp: 8527

Ion Ratio Lower Upper

43 100

58 29.3 29.9 44.9#



#20

Methylene Chloride

Concen: 32.217 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Tgt Ion: 84 Resp: 195449

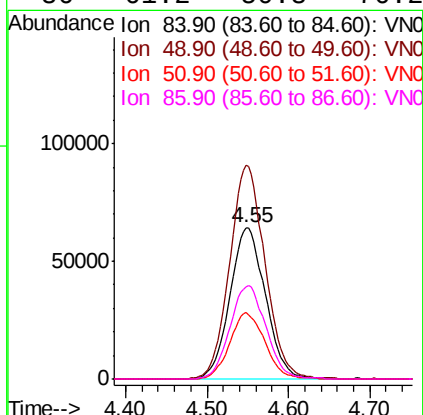
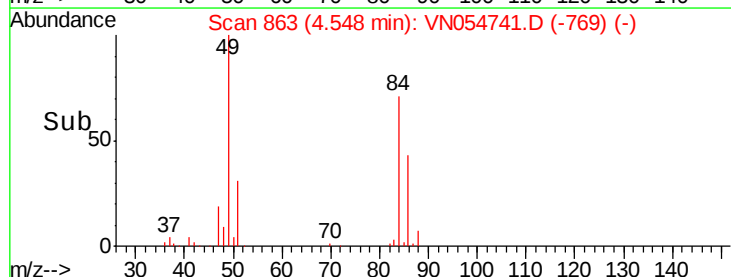
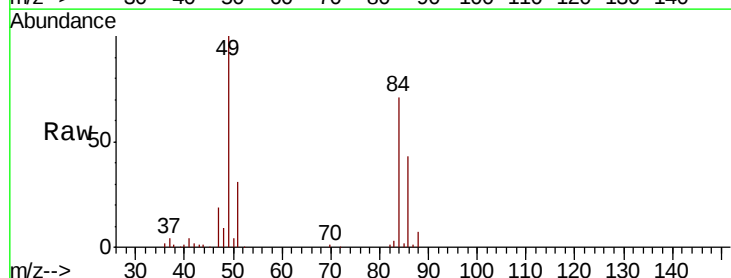
Ion Ratio Lower Upper

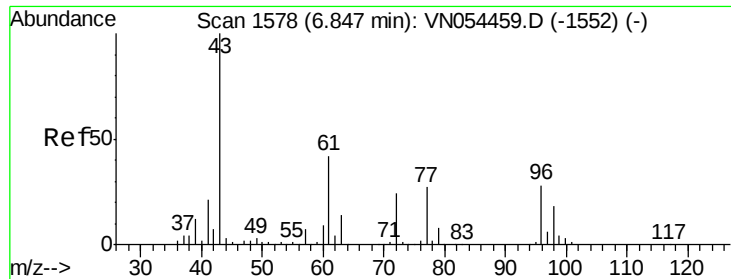
84 100

49 141.1 89.7 134.5#

51 43.8 28.2 42.4#

86 61.2 50.8 76.2





#25

2-Butanone

Concen: 0.316 ug/l

RT: 6.87 min Scan# 1584

Delta R.T. 0.02 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

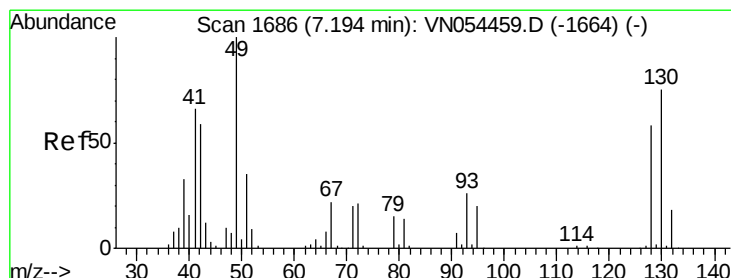
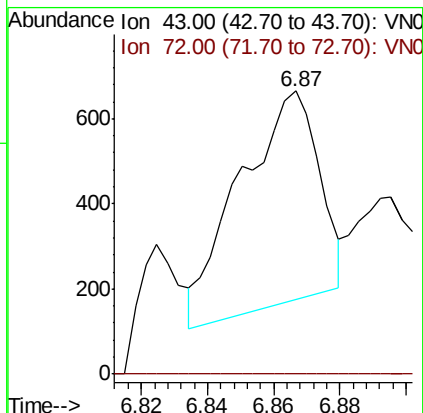
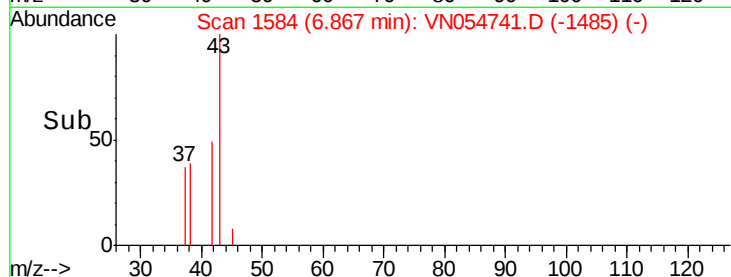
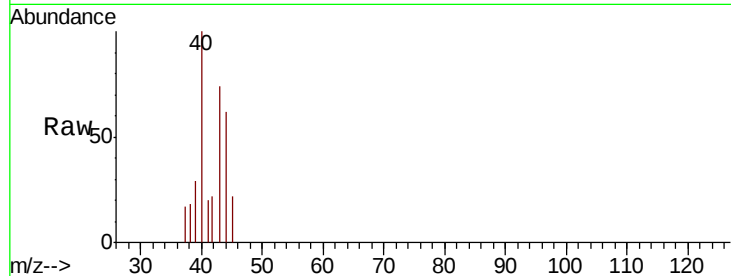
TP-7

Tot Ion: 43 Resp: 832

Ion Ratio Lower Upper

43 100

72 0.0 23.0 34.6#



#28

Bromochloromethane

Concen: 0.270 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.18 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

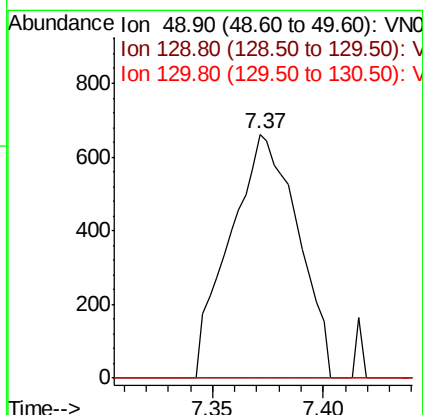
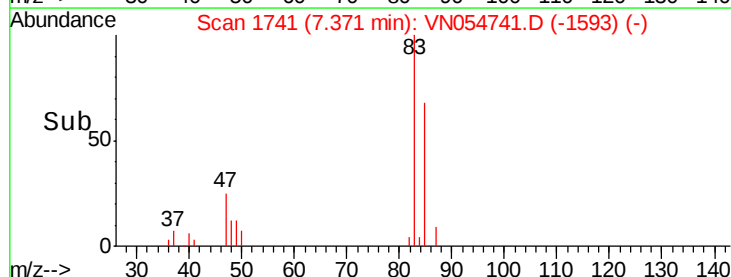
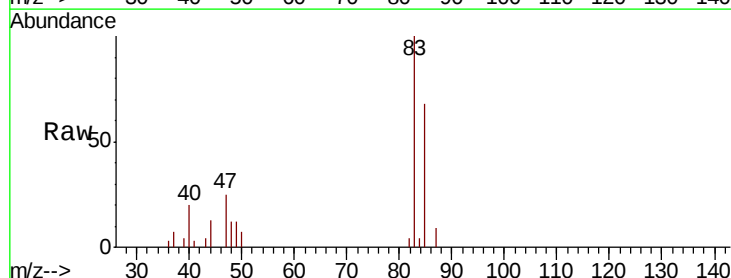
Tgt Ion: 49 Resp: 1411

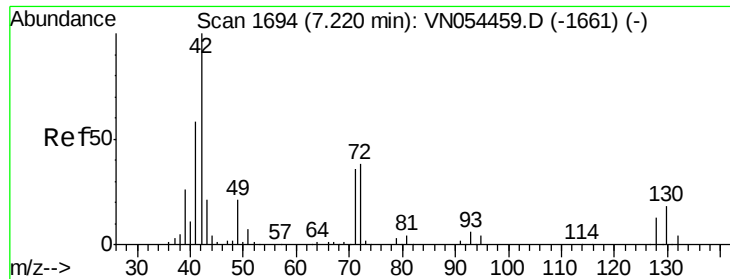
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 76.7 115.1#

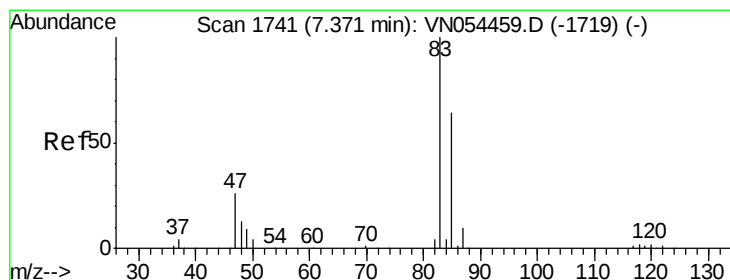
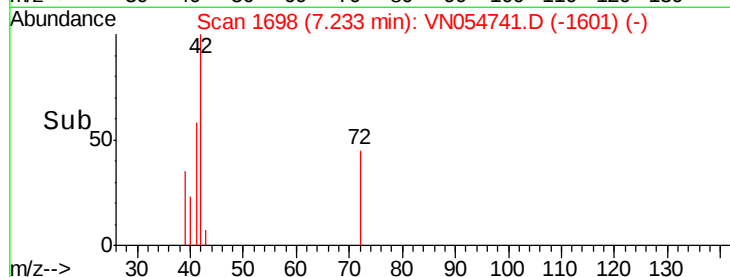
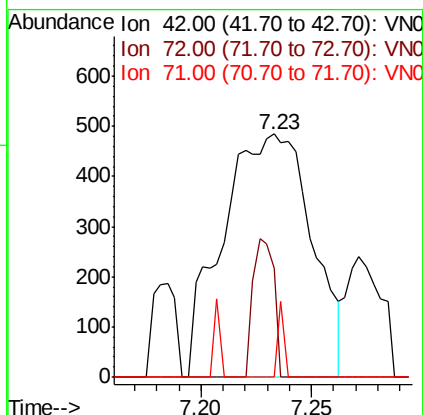
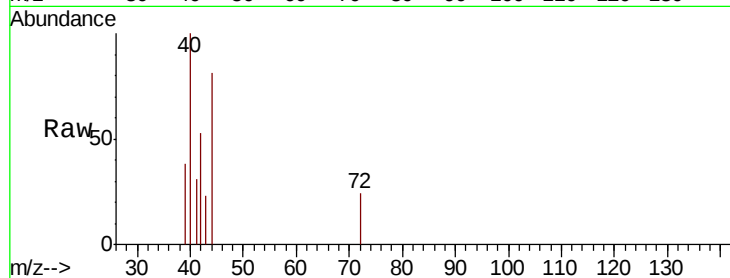




#29
Tetrahydrofuran
Concen: 0.794 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VN054741.D
Acq: 28 Mar 2019 13:47

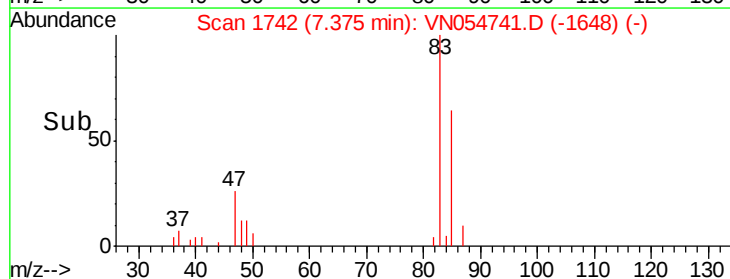
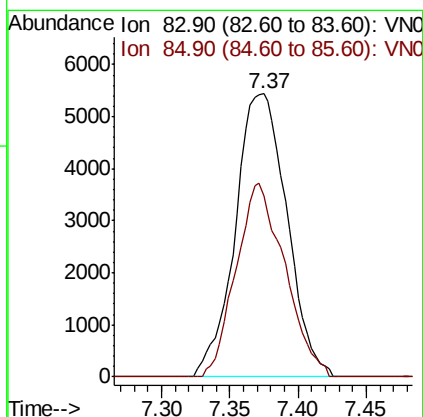
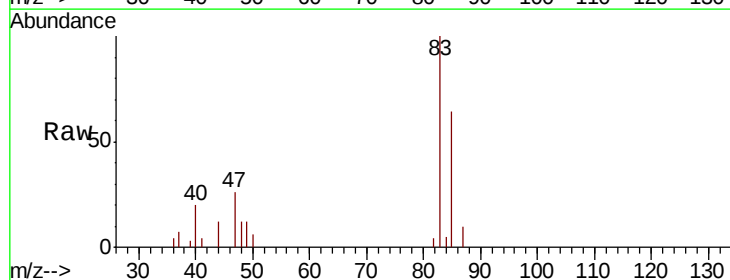
Instrument :
MSVOA_N
ClientSampleId :
TP-7

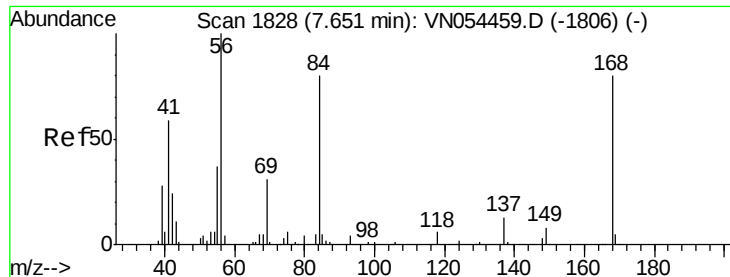
Tot Ion: 42 Resp: 1358
Ion Ratio Lower Upper
42 100
72 13.5 37.8 56.6#
71 2.1 36.2 54.2#



#30
Chloroform
Concen: 1.381 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054741.D
Acq: 28 Mar 2019 13:47

Tgt Ion: 83 Resp: 14309
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

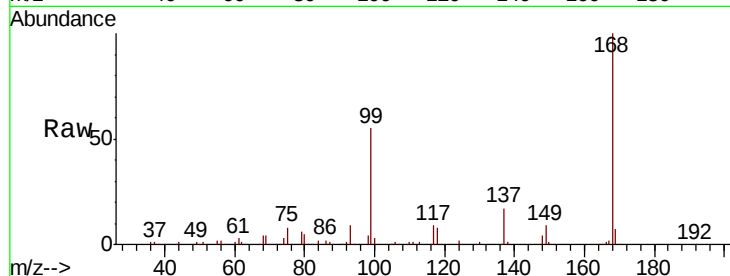
Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

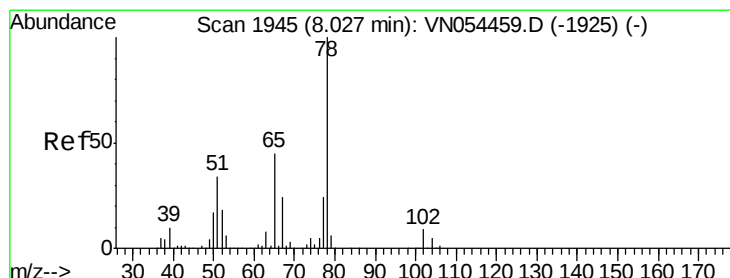
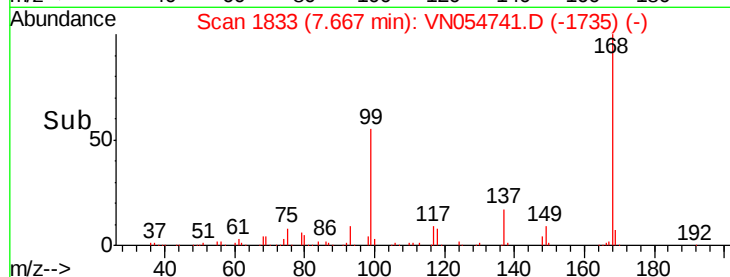
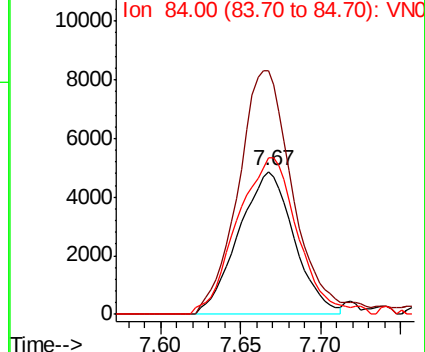
Instrument :
MSVOA_N
ClientSampled :
TP-7

Tot Ion: 56 Resp: 11607

Ion	Ratio	Lower	Upper
56	100		
69	170.3	27.8	41.6#
84	109.6	74.6	111.8



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: 50.779 ug/l

RT: 8.03 min Scan# 1945

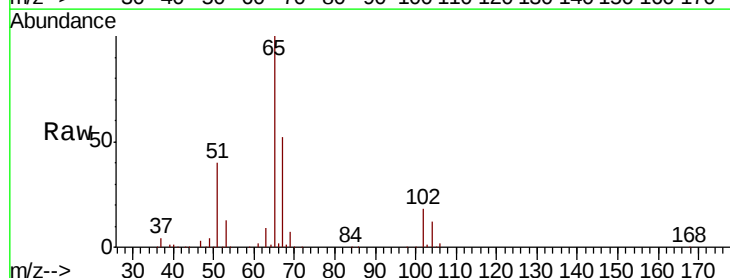
Delta R.T. 0.00 min

Lab File: VN054741.D

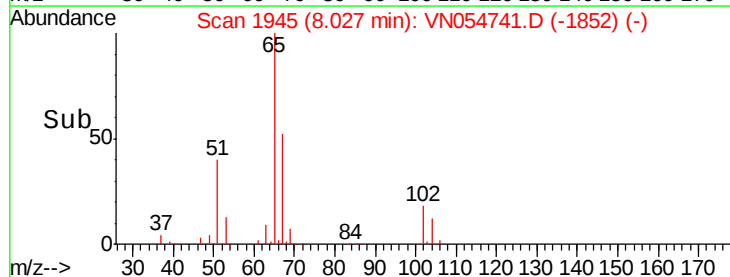
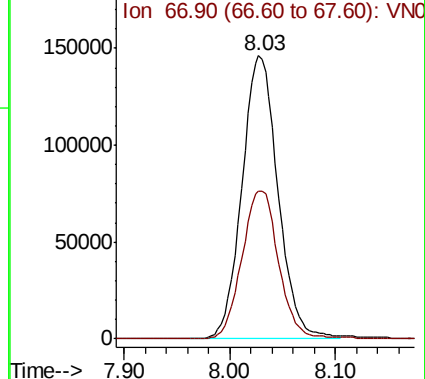
Acq: 28 Mar 2019 13:47

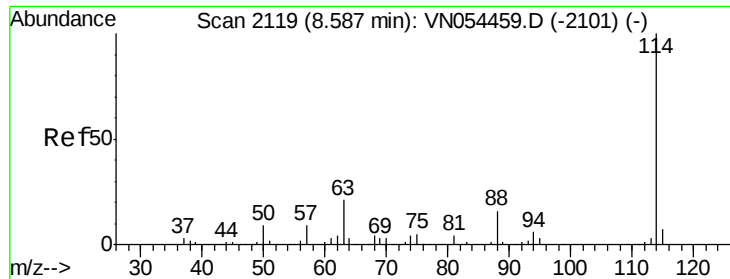
Tgt Ion: 65 Resp: 347596

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.6



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

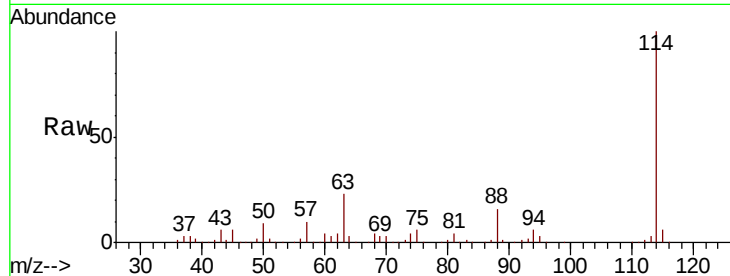




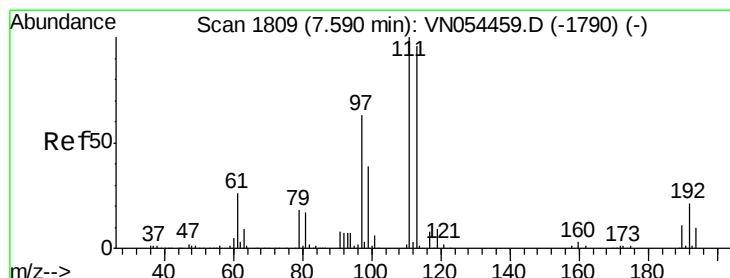
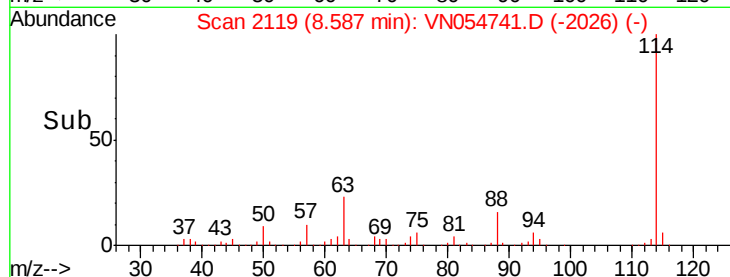
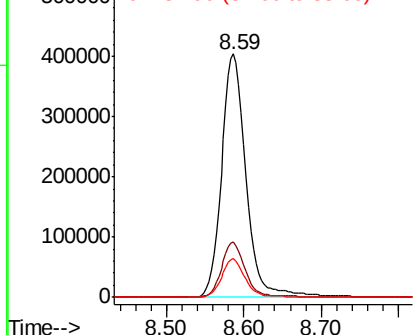
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054741.D
 Acq: 28 Mar 2019 13:47

Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

Tot Ion:114 Resp: 885794
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 35.2
 88 15.8 0.0 30.2

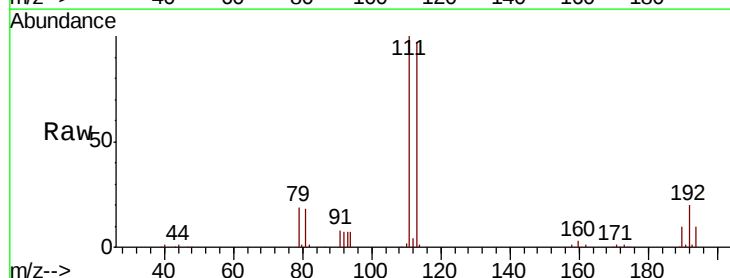


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

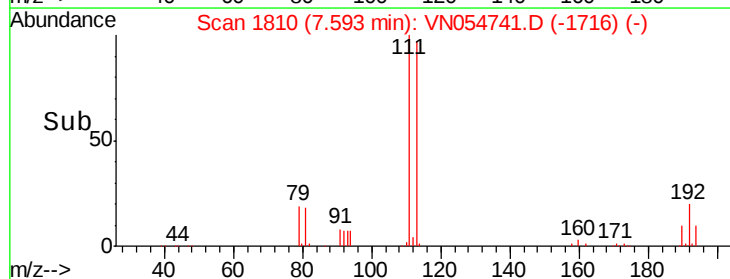
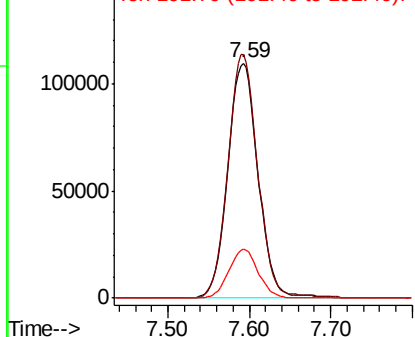


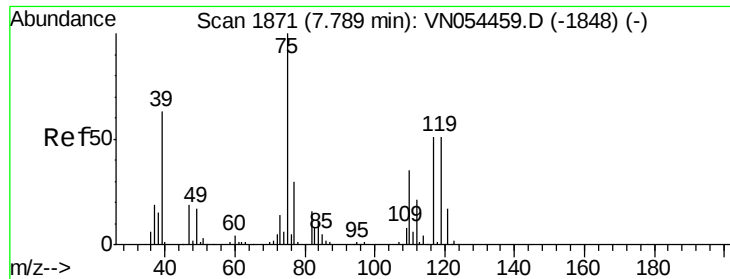
#35
 Dibromofluoromethane
 Concen: 49.943 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054741.D
 Acq: 28 Mar 2019 13:47

Tgt Ion:113 Resp: 285011
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 20.2 19.2 28.8



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: 4.999 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

TP-7

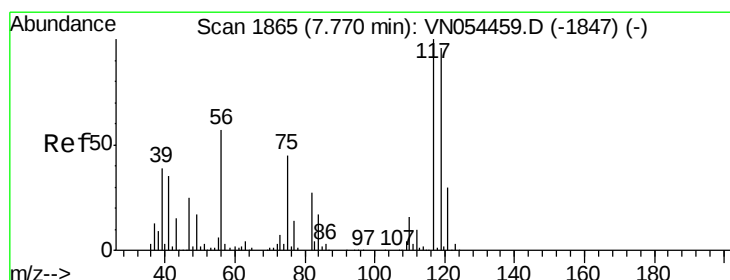
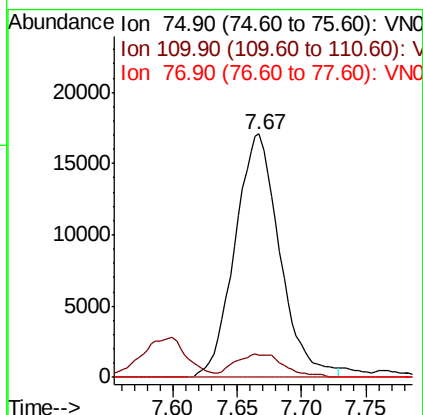
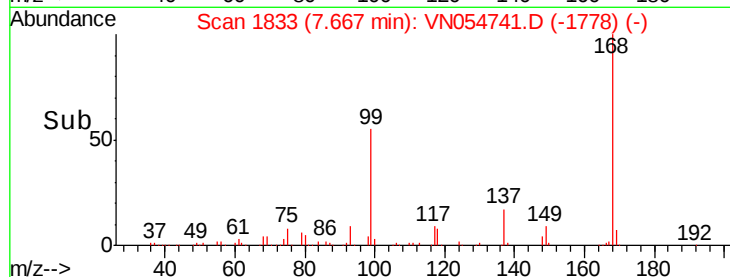
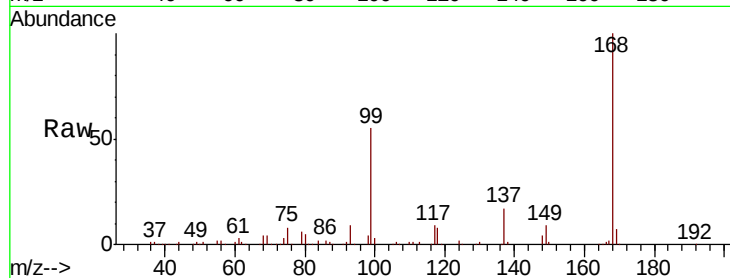
Tot Ion: 75 Resp: 41401

Ion Ratio Lower Upper

75 100

110 10.7 19.1 57.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.157 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

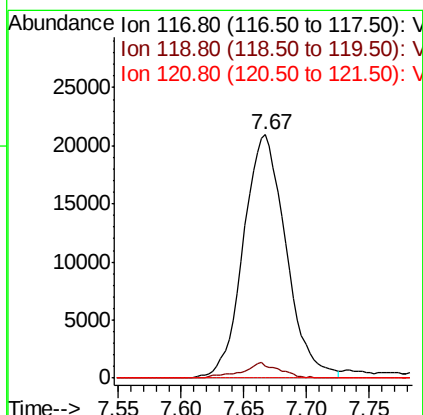
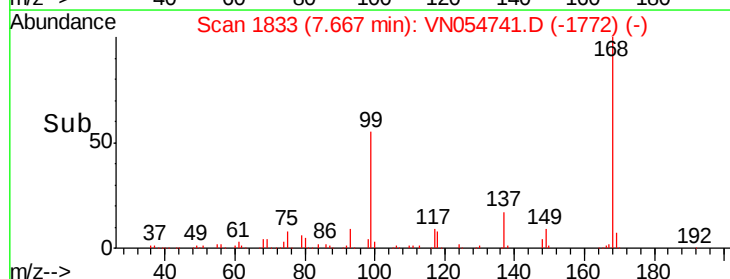
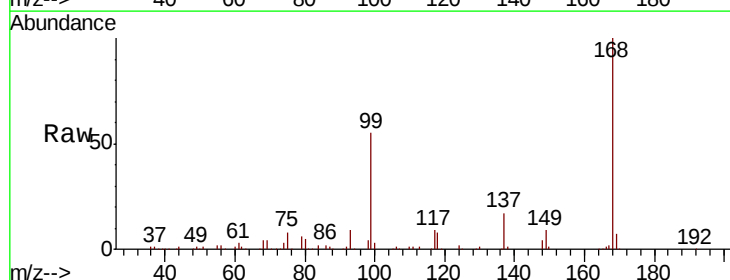
Tgt Ion: 117 Resp: 49557

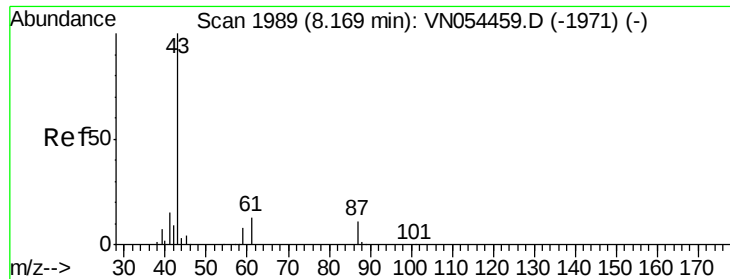
Ion Ratio Lower Upper

117 100

119 5.1 76.3 114.5#

121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.354 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

TP-7

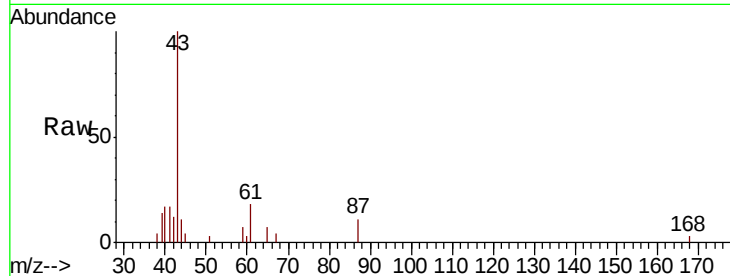
Tot Ion: 43 Resp: 13469

Ion Ratio Lower Upper

43 100

61 17.2 15.8 23.8

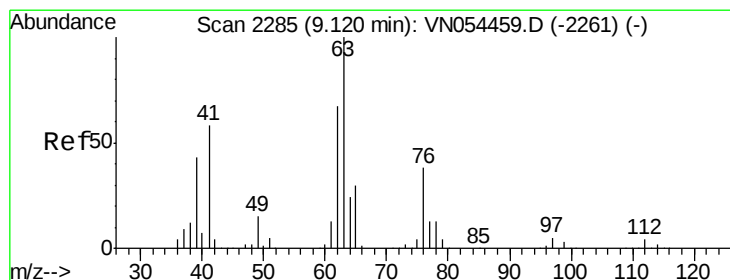
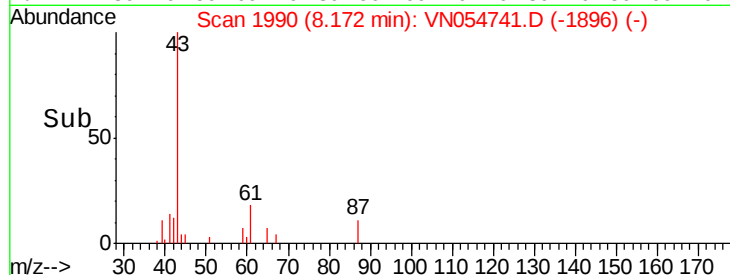
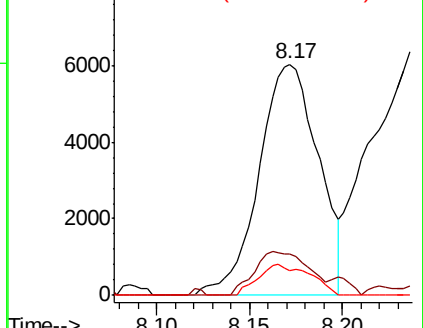
87 11.7 12.0 18.0#



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



#45

1,2-Dichloropropane

Concen: 0.201 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.14 min

Lab File: VN054741.D

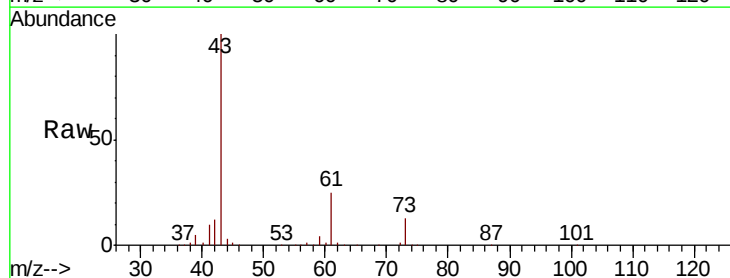
Acq: 28 Mar 2019 13:47

Tgt Ion: 63 Resp: 1279

Ion Ratio Lower Upper

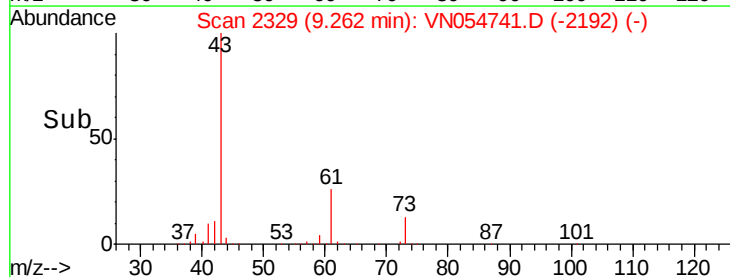
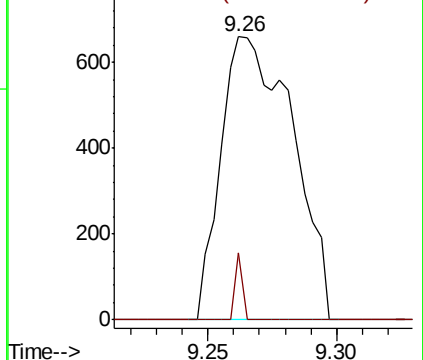
63 100

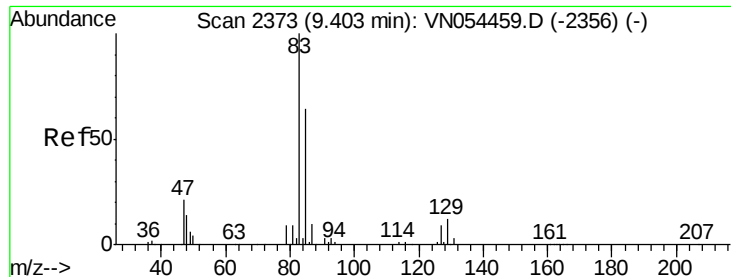
65 23.5 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 0.373 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

TP-7

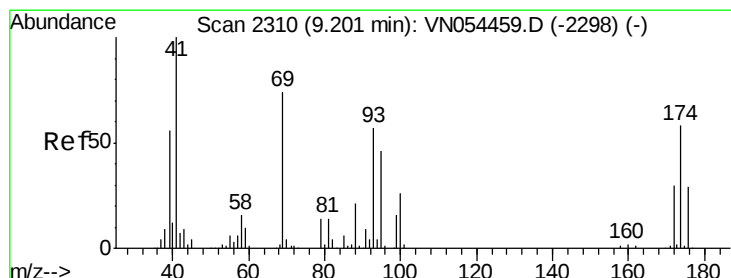
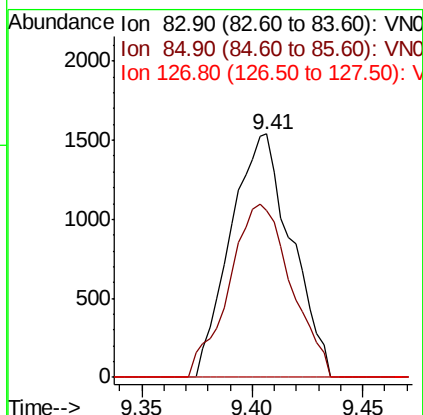
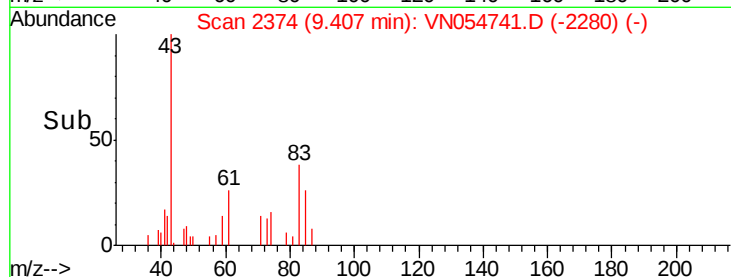
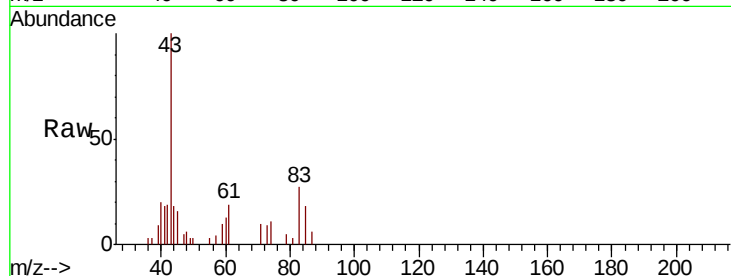
Tot Ion: 83 Resp: 2936

Ion Ratio Lower Upper

83 100

85 68.5 52.8 79.2

127 0.0 7.4 11.2#



#48

Methyl methacrylate

Concen: 1.070 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

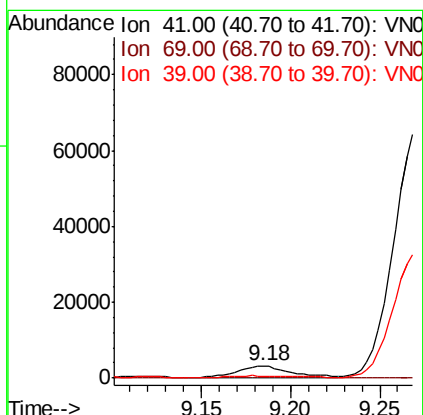
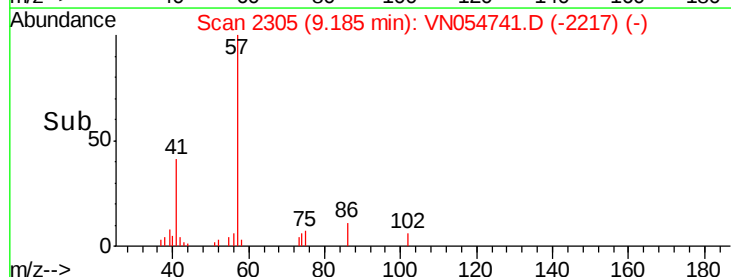
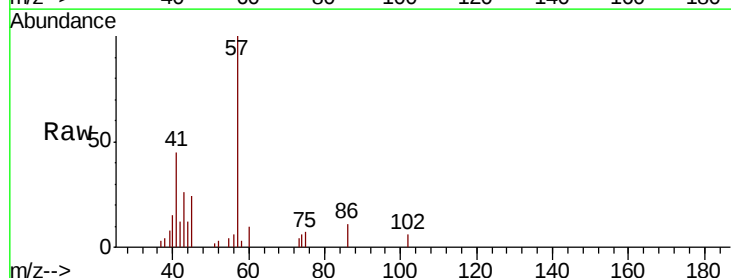
Tgt Ion: 41 Resp: 5775

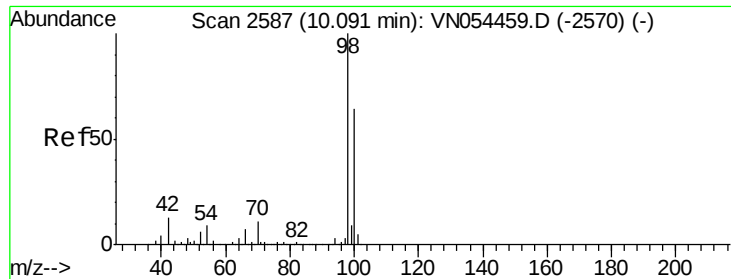
Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

39 0.0 47.5 71.3#

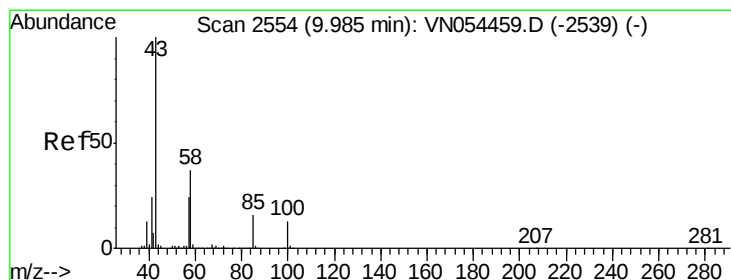
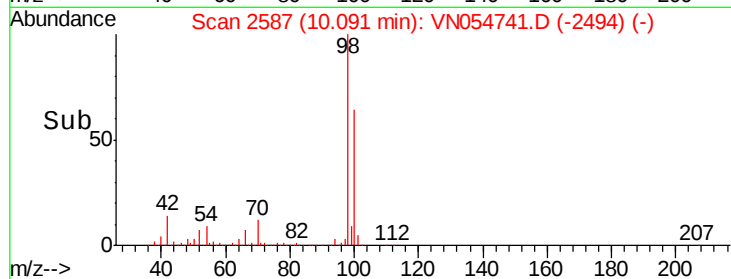
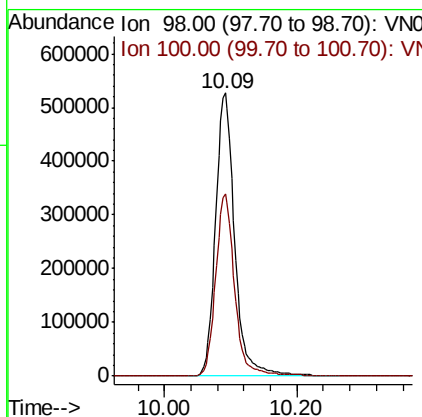
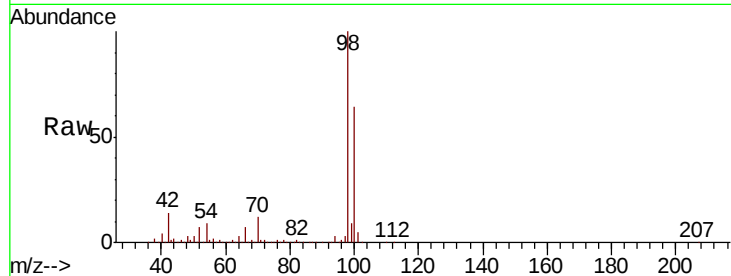




#50
Toluene-d8
Concen: 49.212 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054741.D
Acq: 28 Mar 2019 13:47

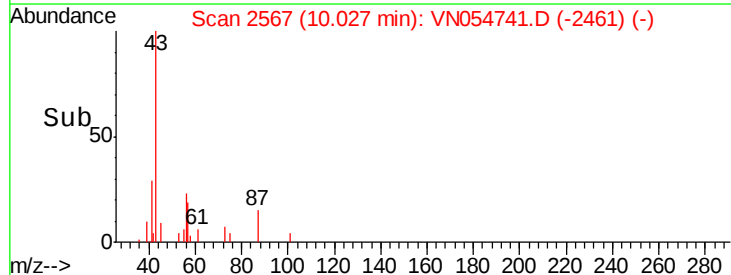
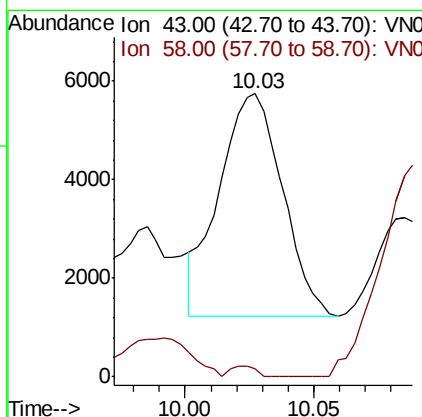
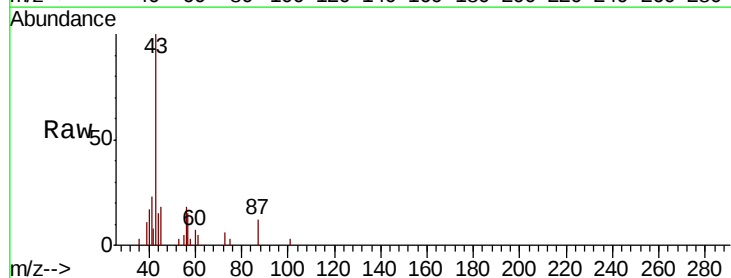
Instrument :
MSVOA_N
ClientSampled :
TP-7

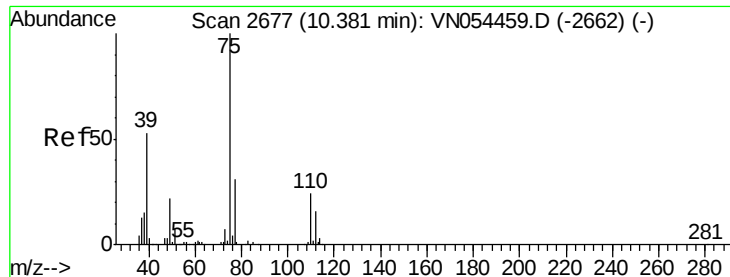
Tot Ion: 98 Resp: 1055772
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 1.409 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054741.D
Acq: 28 Mar 2019 13:47

Tgt Ion: 43 Resp: 7771
Ion Ratio Lower Upper
43 100
58 0.0 31.8 47.6#





#53

t-1,3-Dichloropropene

Concen: 2.235 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.01 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

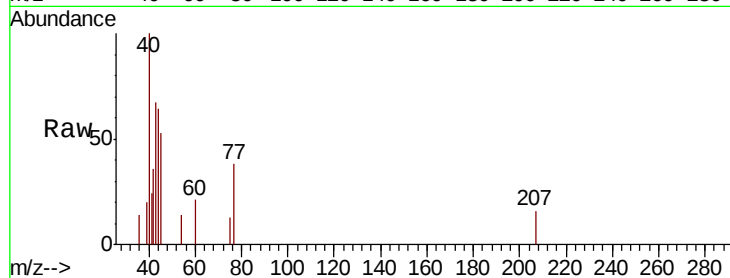
TP-7

Tot Ion: 75 Resp: 29

Ion Ratio Lower Upper

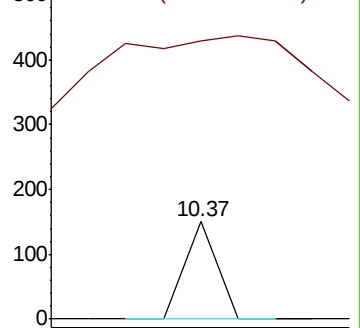
75 100

77 2.7 25.8 38.8#

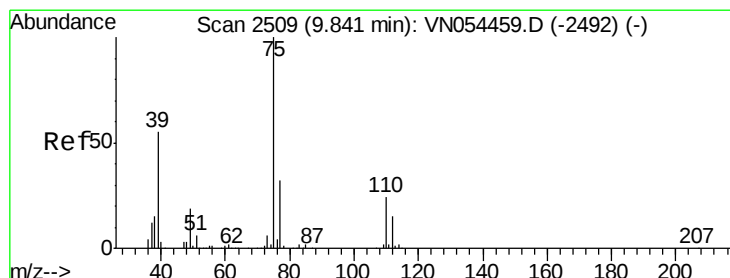
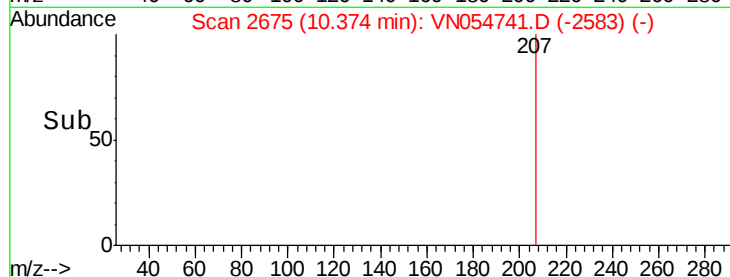


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.464 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

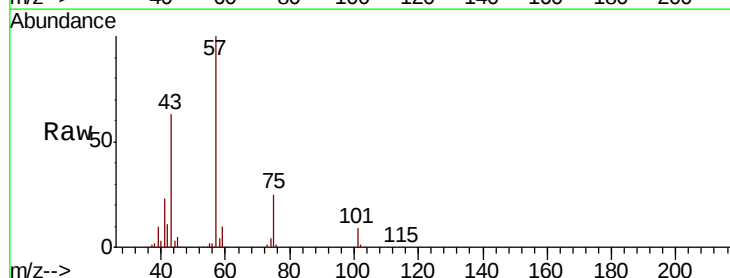
Tgt Ion: 75 Resp: 49325

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

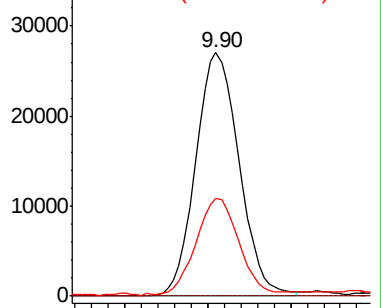
39 38.8 37.2 55.8



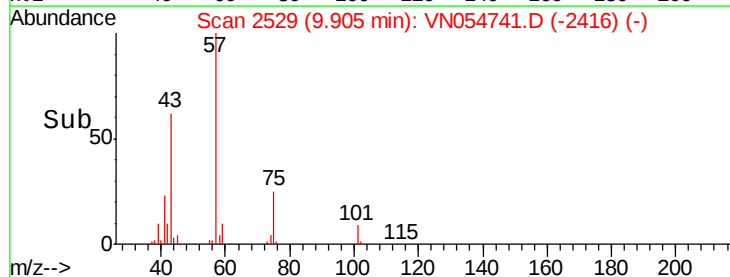
Abundance Ion 74.90 (74.60 to 75.60): VN0

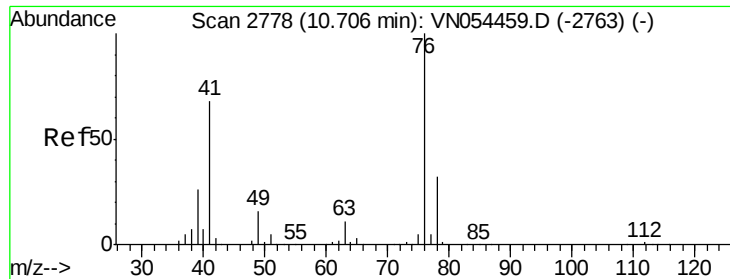
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->





#57

1,3-Dichloropropane

Concen: 1.048 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

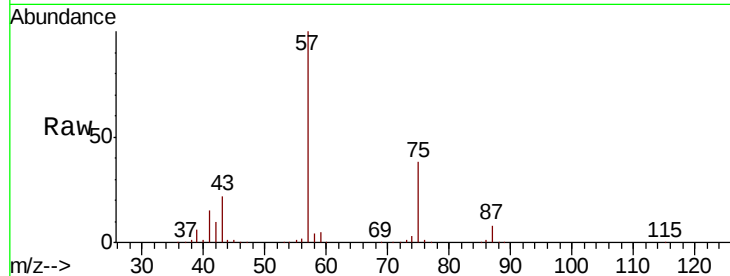
TP-7

Tot Ion: 76 Resp: 9535

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.76

6000

5000

4000

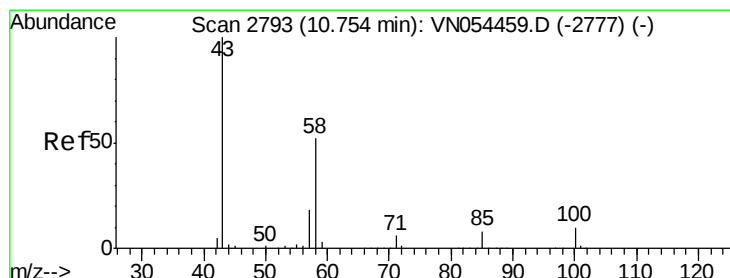
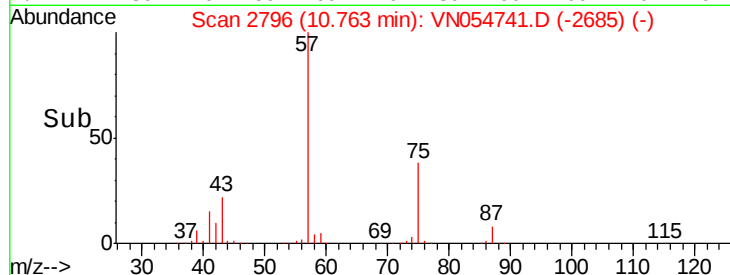
3000

2000

1000

0

Time-->



#59

2-Hexanone

Concen: 44.911 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN054741.D

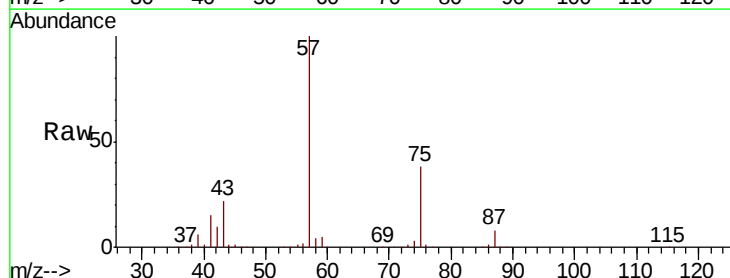
Acq: 28 Mar 2019 13:47

Tgt Ion: 43 Resp: 161738

Ion Ratio Lower Upper

43 100

58 17.5 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

100000

80000

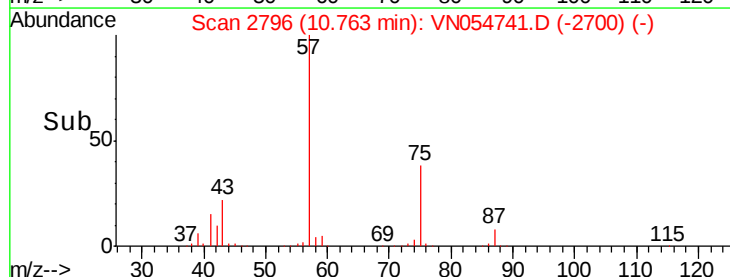
60000

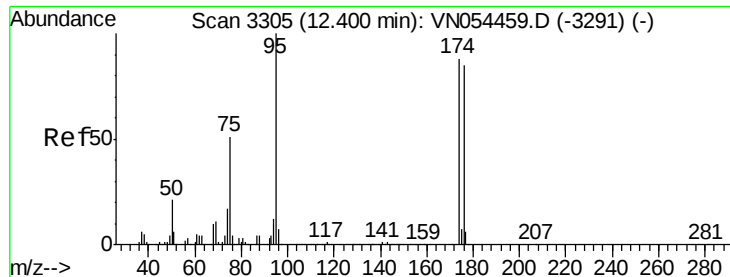
40000

20000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 44.193 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

TP-7

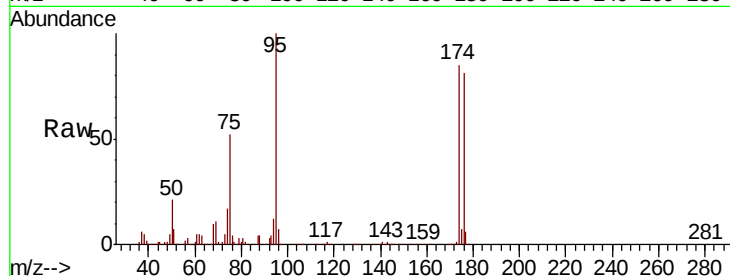
Tot Ion: 95 Resp: 322627

Ion Ratio Lower Upper

95 100

174 84.6 0.0 191.0

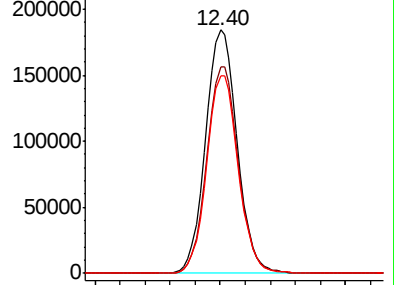
176 81.2 0.0 187.4



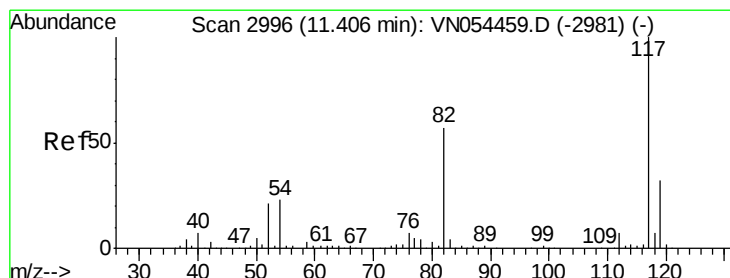
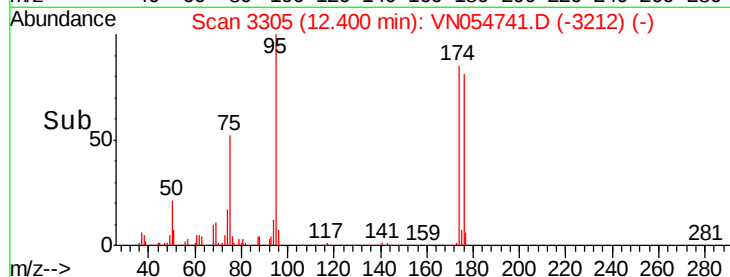
Abundance Ion 94.90 (94.60 to 95.60): VN054741.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054741.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054741.D (-2903) (-)



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

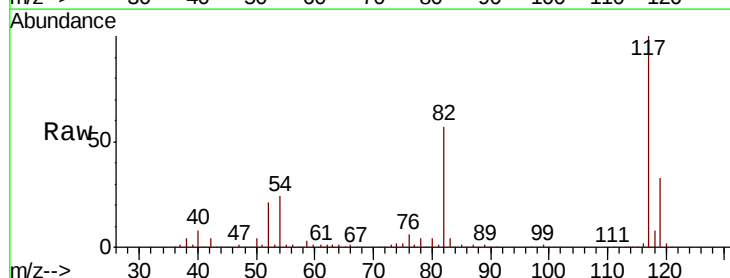
Tgt Ion: 117 Resp: 741497

Ion Ratio Lower Upper

117 100

82 57.3 40.0 60.0

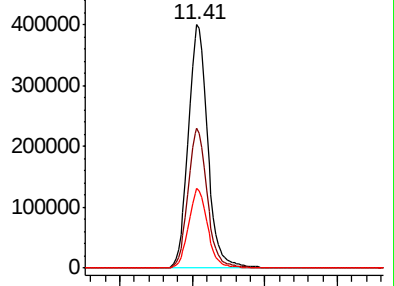
119 32.5 25.8 38.6



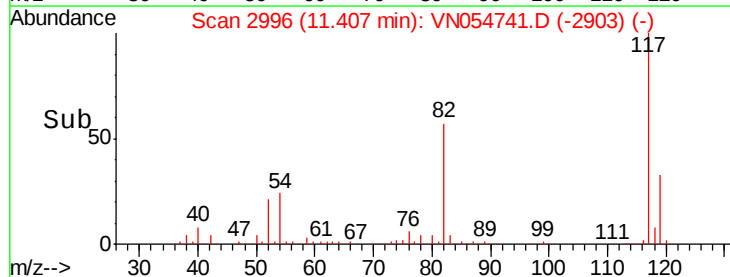
Abundance Ion 116.90 (116.60 to 117.60): VN054741.D (-2903) (-)

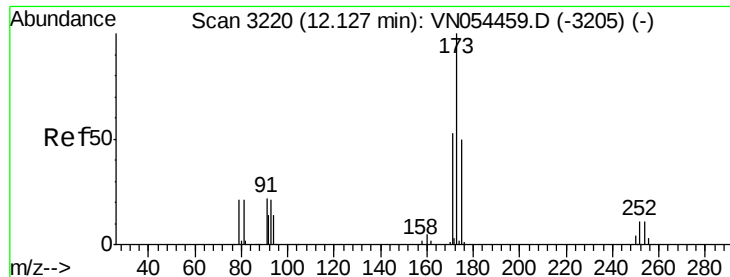
Ion 82.00 (81.70 to 82.70): VN054741.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054741.D (-2903) (-)



Time--> 11.30 11.40 11.50 11.60





#71

Bromoform

Concen: 2.726 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

TP-7

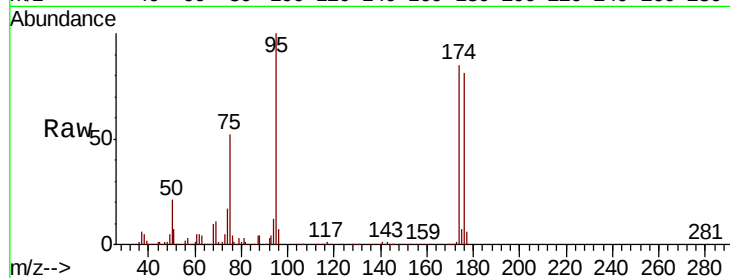
Tot Ion:173 Resp: 1974

Ion Ratio Lower Upper

173 100

175 932.6 24.4 73.2#

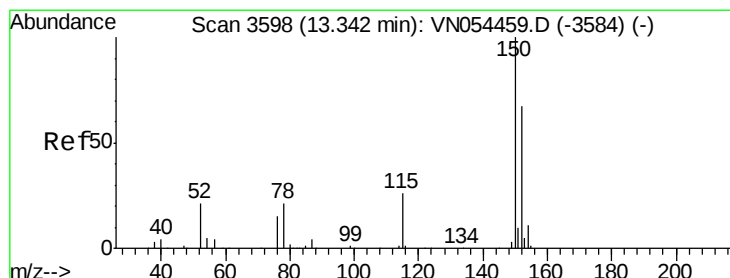
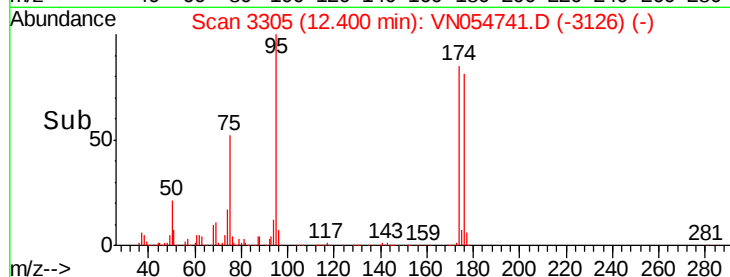
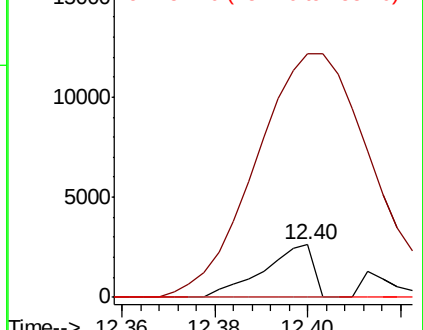
254 0.0 0.1 0.1#



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: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

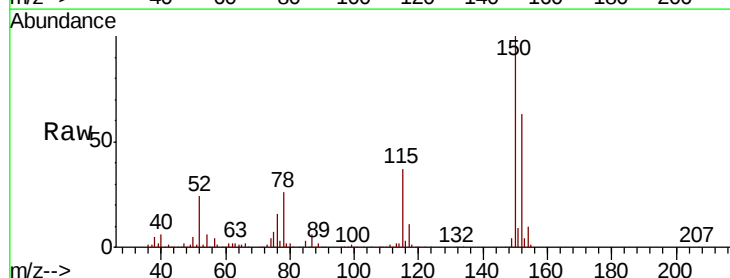
Tgt Ion:152 Resp: 274316

Ion Ratio Lower Upper

152 100

115 59.1 27.2 81.6

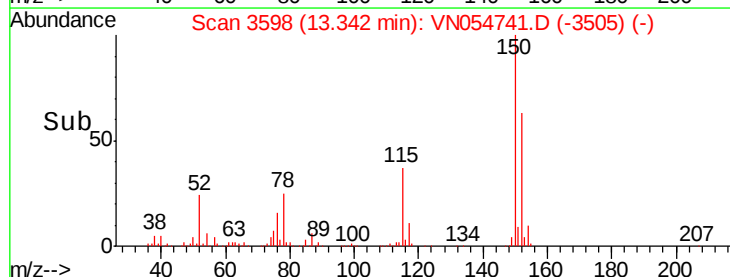
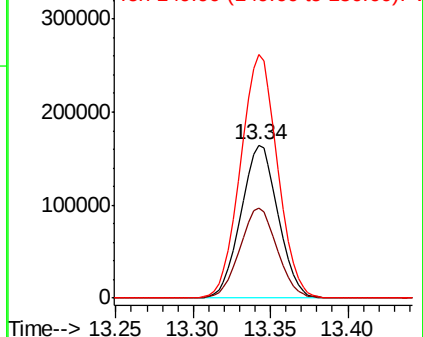
150 158.5 0.0 349.2

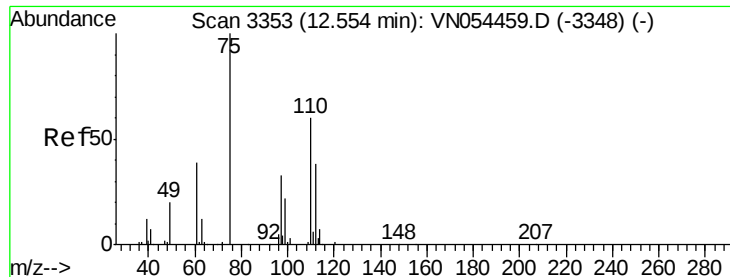


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 38.299 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

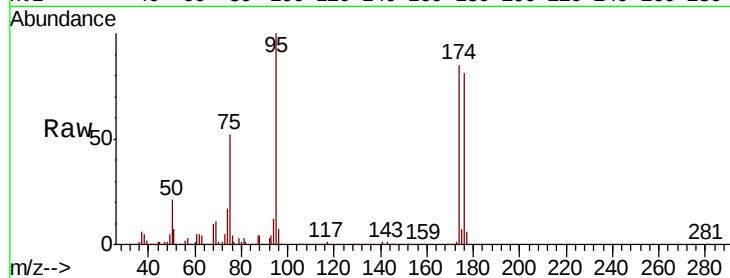
TP-7

Tot Ion: 75 Resp: 166714

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054459.D (-3348) (-)

12.40

100000

80000

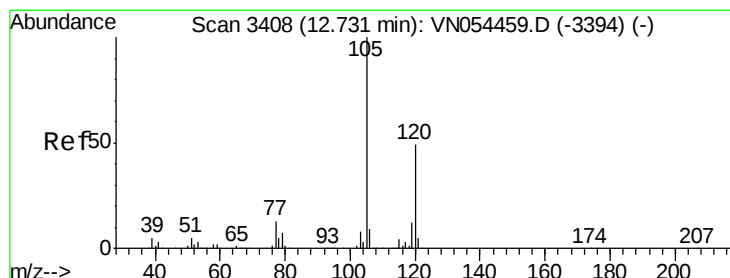
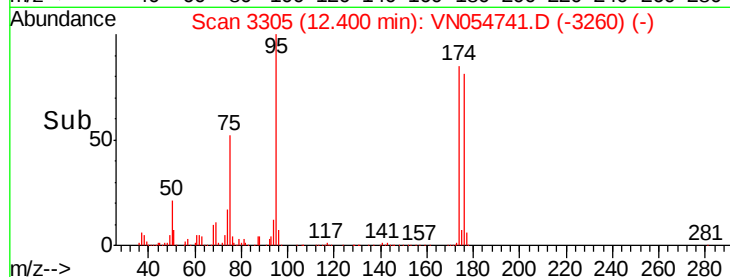
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.349 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054741.D

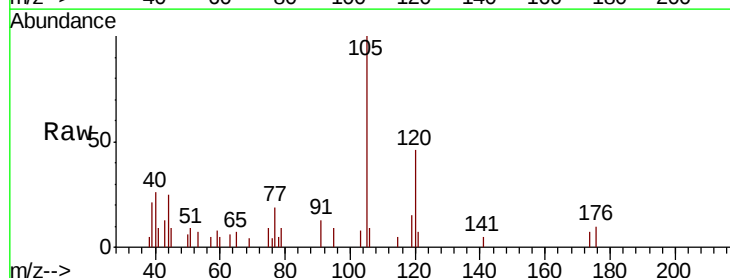
Acq: 28 Mar 2019 13:47

Tgt Ion: 105 Resp: 6331

Ion Ratio Lower Upper

105 100

120 46.6 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054459.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054459.D (-3394) (-)

12.73

4000

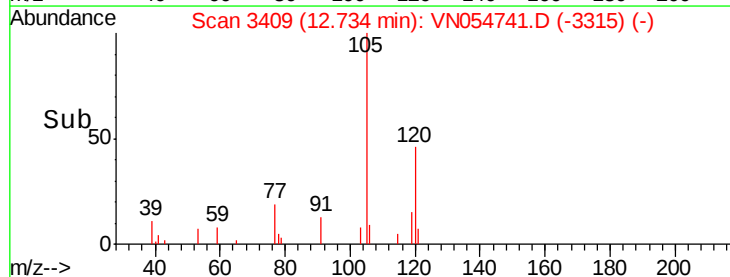
3000

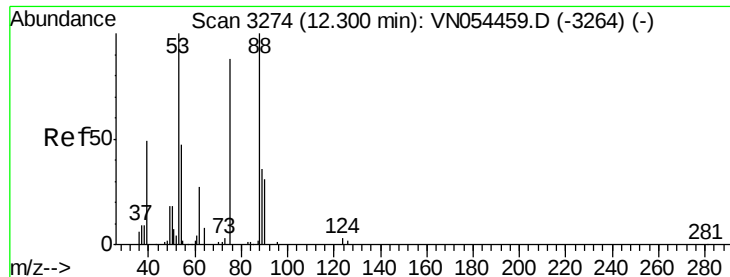
2000

1000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 126.826 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

TP-7

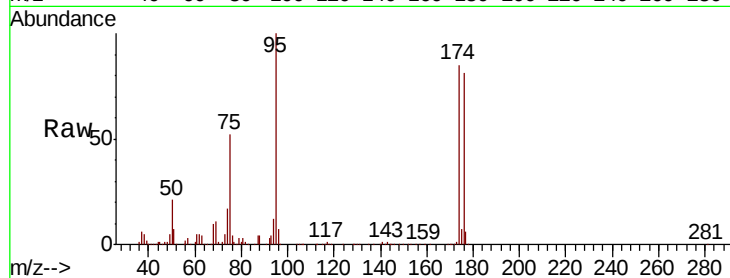
Tot Ion: 75 Resp: 166714

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

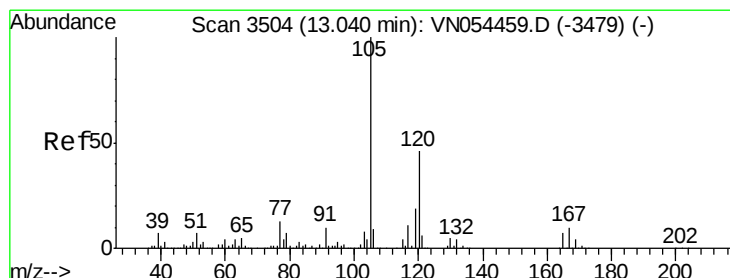
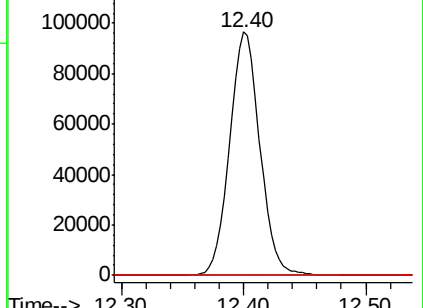
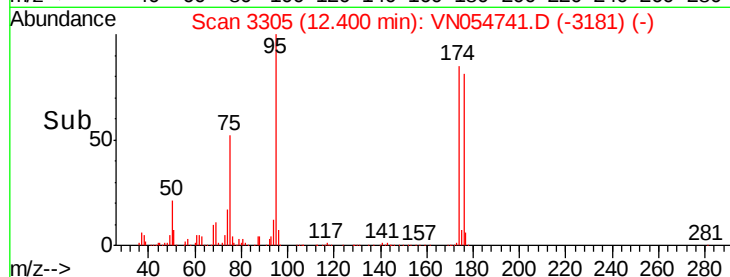
89 0.0 39.2 58.8#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.523 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN054741.D

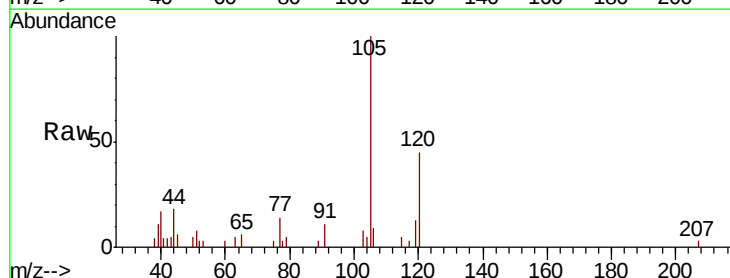
Acq: 28 Mar 2019 13:47

Tgt Ion: 105 Resp: 9290

Ion Ratio Lower Upper

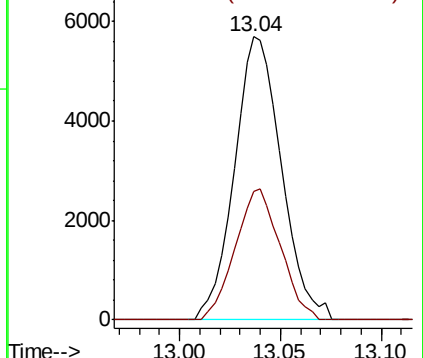
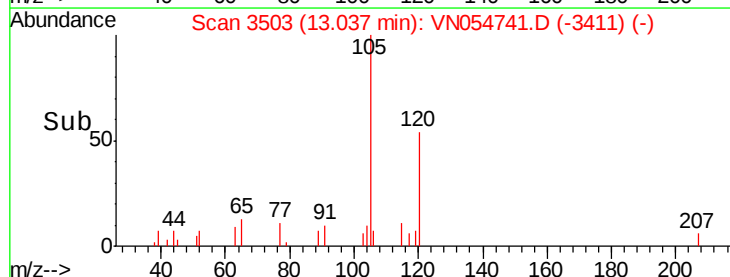
105 100

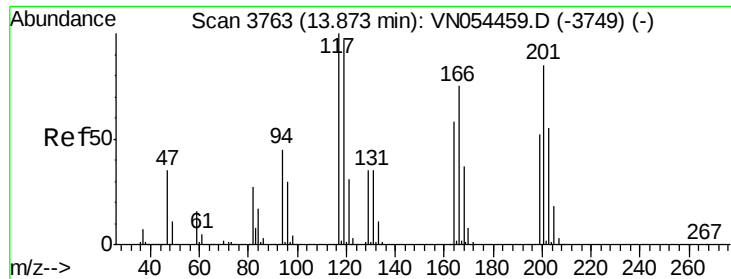
120 44.4 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.203 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

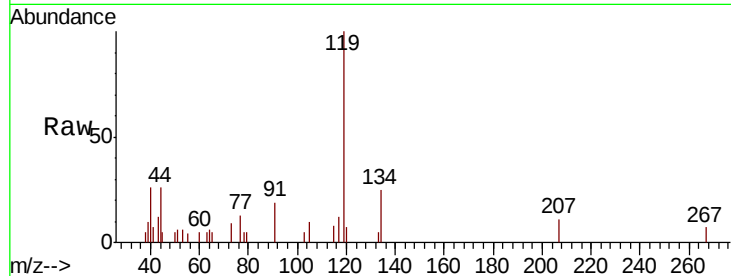
TP-7

Tot Ion:117 Resp: 555

Ion Ratio Lower Upper

117 100

201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

400

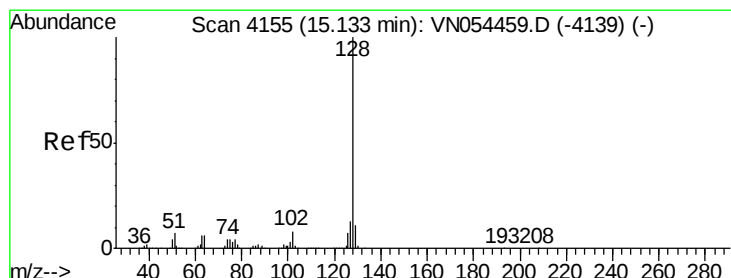
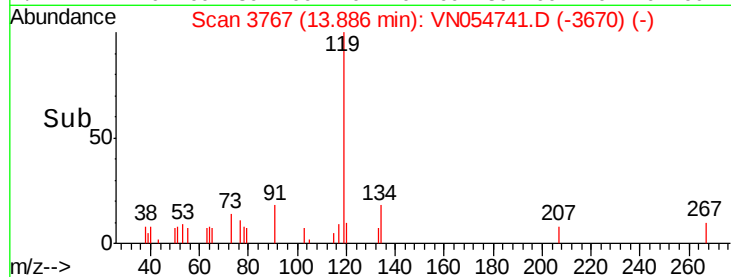
300

200

100

0

Time-->



#95

Naphthalene

Concen: 7.647 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

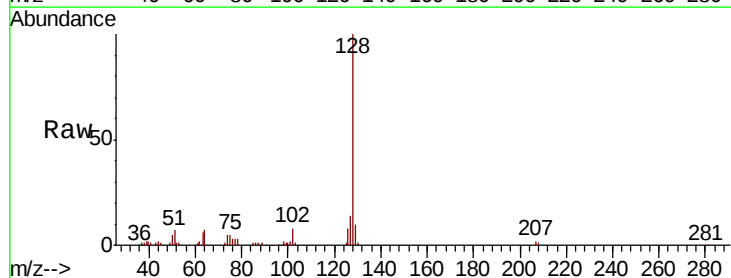
Tgt Ion:128 Resp: 74825

Ion Ratio Lower Upper

128 100

127 13.7 10.1 15.1

129 11.5 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

15.13

60000

50000

40000

30000

20000

10000

0

Time-->

