

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055247.D
 Acq On : 25 Apr 2019 15:35
 Operator : JC/SP
 Sample : K2553-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200034

Quant Time: Apr 26 02:18:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	395821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	661488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	610582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	191354	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	273464	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
35) Dibromofluoromethane	7.59	113	221317	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
50) Toluene-d8	10.09	98	837829	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.40	95	259153	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	

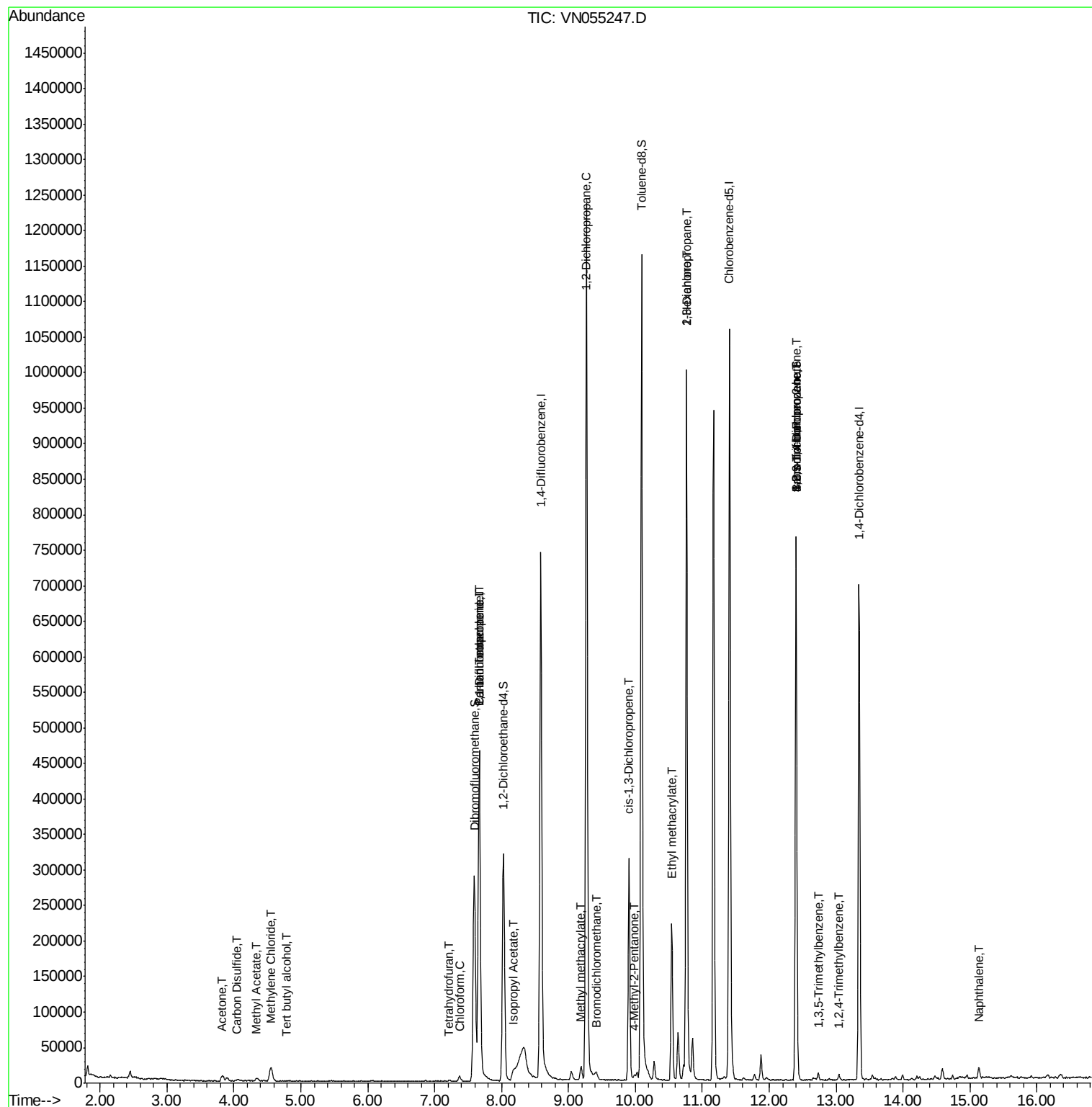
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	400	1.279	ug/l #	71
16) Acetone	3.82	43	12718	7.181	ug/l	98
17) Carbon Disulfide	4.05	76	3922	0.344	ug/l #	89
18) Methyl Acetate	4.34	43	7031	0.737	ug/l #	80
20) Methylene Chloride	4.55	84	13357	2.623	ug/l	89
29) Tetrahydrofuran	7.21	42	341	0.243	ug/l #	63
30) Chloroform	7.37	83	7337	0.894	ug/l	90
31) Cyclohexane	7.66	56	8385	Below Cal	#	16
36) 1,1-Dichloropropene	7.67	75	29345	4.780	ug/l #	50
38) Carbon Tetrachloride	7.66	117	36593	6.365	ug/l #	17
43) Isopropyl Acetate	8.17	43	25205	3.141	ug/l #	68
45) 1,2-Dichloropropane	9.27	63	1392	0.260	ug/l #	45
47) Bromodichloromethane	9.40	83	1441	0.235	ug/l #	94
48) Methyl methacrylate	9.19	41	7810	2.007	ug/l #	30
51) 4-Methyl-2-Pentanone	9.99	43	3869	0.838	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	52082	7.459	ug/l #	67
56) Ethyl methacrylate	10.54	69	1022	0.200	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	9674	1.357	ug/l #	43
59) 2-Hexanone	10.76	43	157837	54.122	ug/l #	54
71) Bromoform	12.40	173	2064	0.749	ug/l #	1
73) Isopropylbenzene	12.25	105	657	Below Cal	#	58
75) 1,1,2,2-Tetrachloroethane	12.71	83	59	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	134940	34.760	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5670	0.396	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	134940	131.769	ug/l #	5
83) tert-Butylbenzene	13.05	119	625	Below Cal	#	60
84) 1,2,4-Trimethylbenzene	13.04	105	5053	0.374	ug/l	89
95) Naphthalene	15.14	128	14002	5.512	ug/l	96

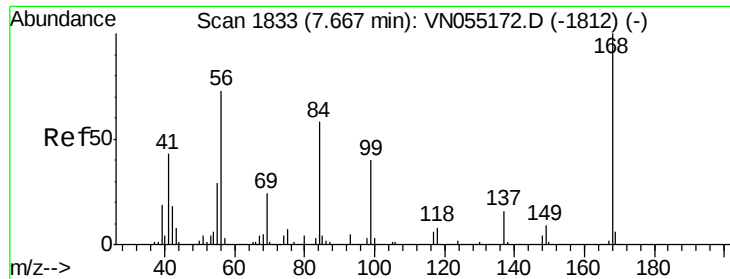
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

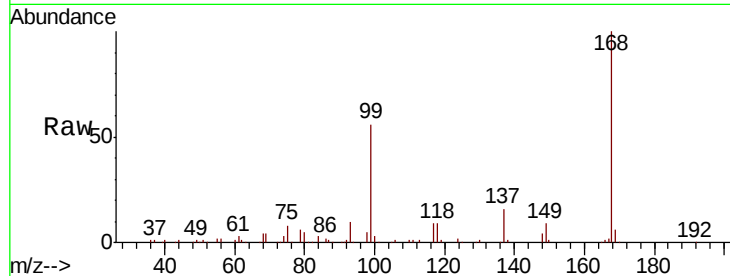
Instrument :
MSVOA_N
ClientSampleId :
RBR200034

Tot Ion:168 Resp: 395821

Ion Ratio Lower Upper

168 100

99 56.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

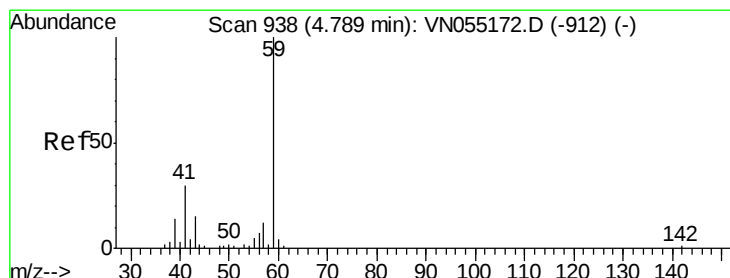
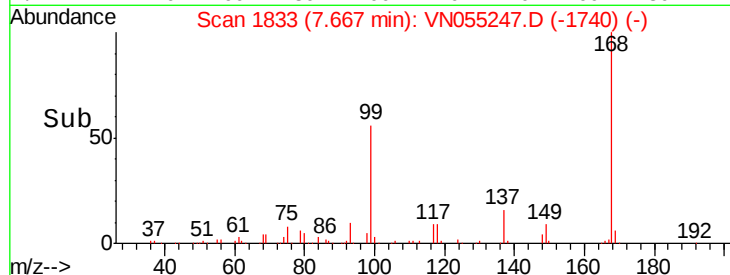
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 1.279 ug/l

RT: 4.79 min Scan# 938

Delta R.T. -0.00 min

Lab File: VN055247.D

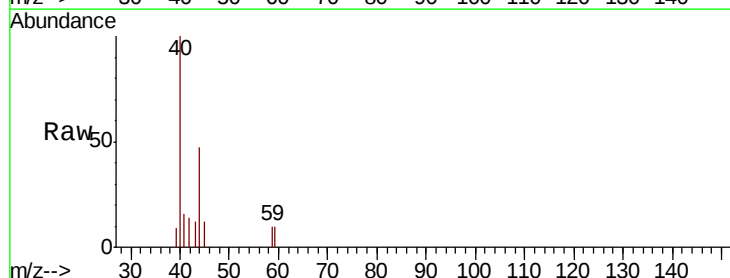
Acq: 25 Apr 2019 15:35

Tgt Ion: 59 Resp: 400

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.79

400

300

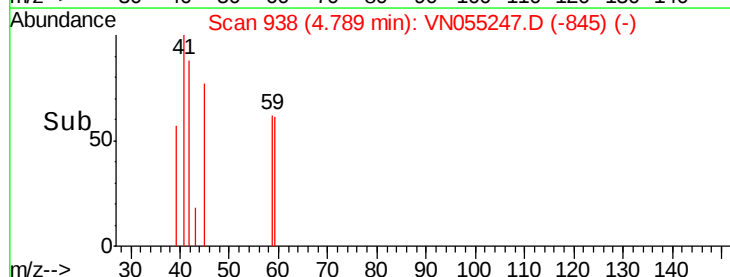
200

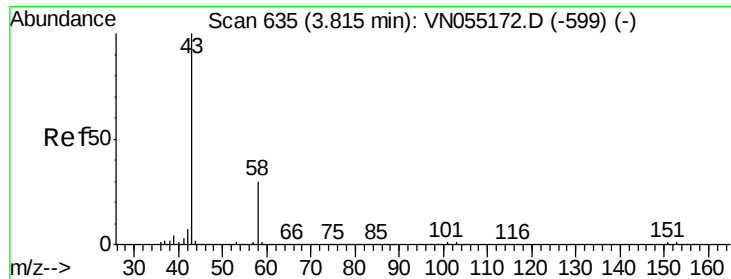
100

0

4.78 4.80 4.82

Time-->





#16

Acetone

Concen: 7.181 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

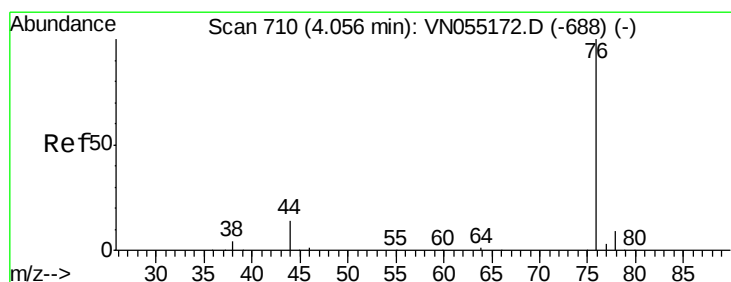
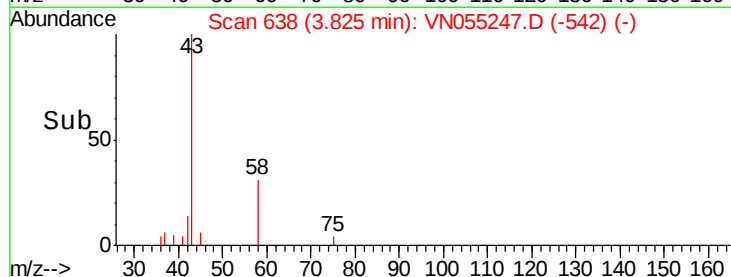
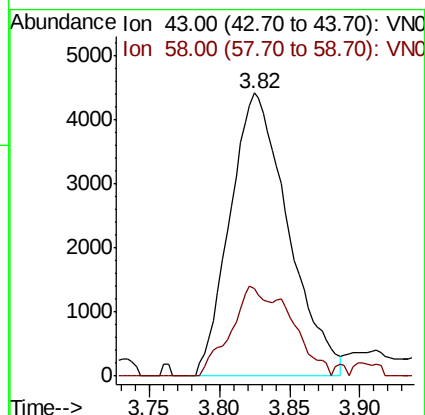
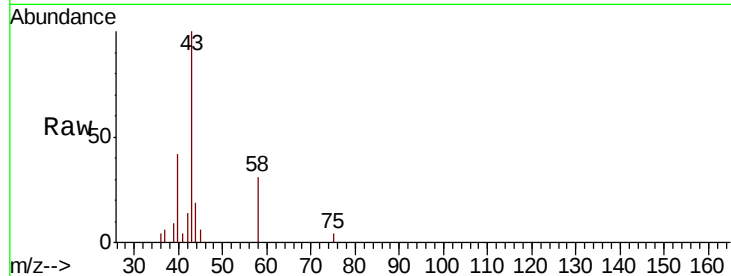
RBR200034

Tot Ion: 43 Resp: 12718

Ion Ratio Lower Upper

43 100

58 31.0 23.8 35.8



#17

Carbon Disulfide

Concen: 0.344 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055247.D

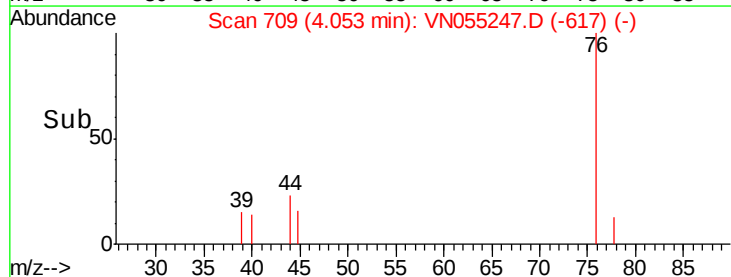
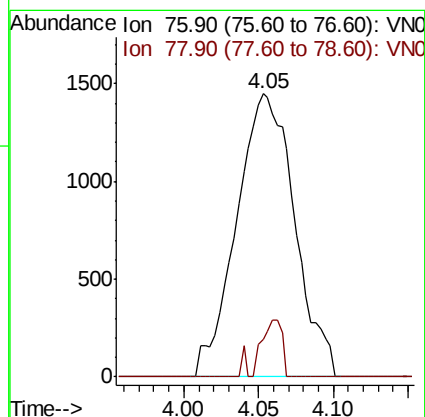
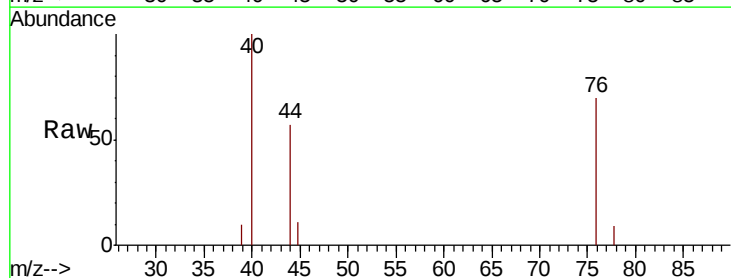
Acq: 25 Apr 2019 15:35

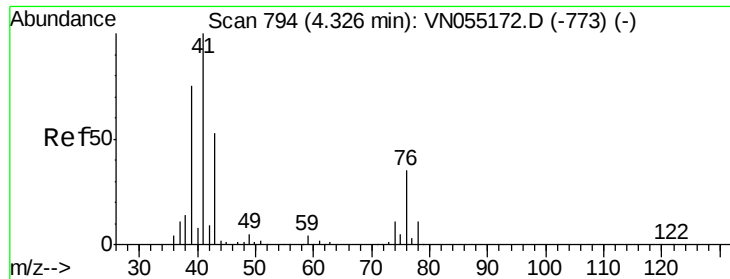
Tgt Ion: 76 Resp: 3922

Ion Ratio Lower Upper

76 100

78 13.3 7.3 10.9#

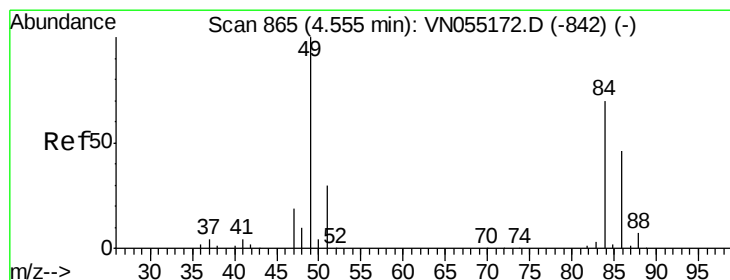
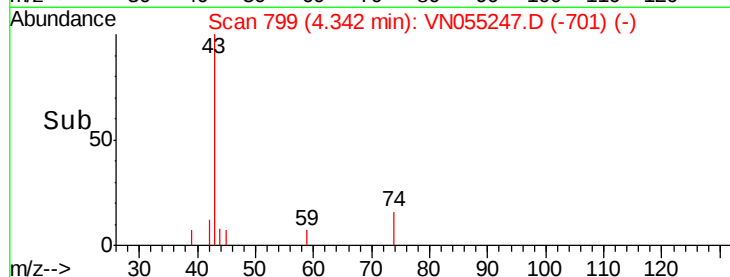
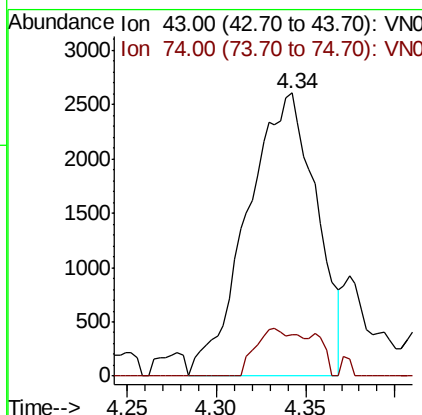
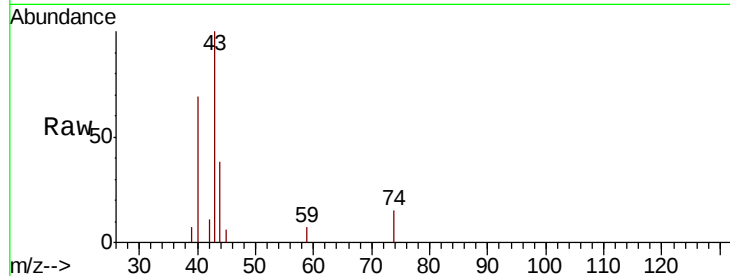




#18
Methyl Acetate
Concen: 0.737 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN055247.D
Acq: 25 Apr 2019 15:35

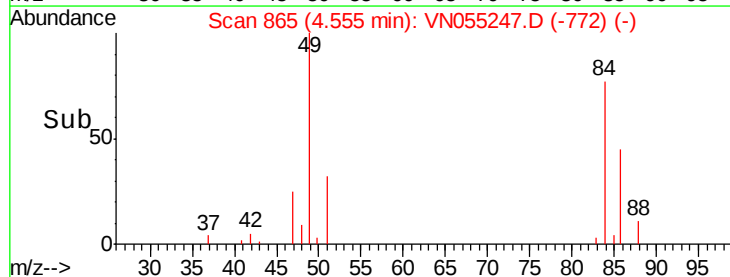
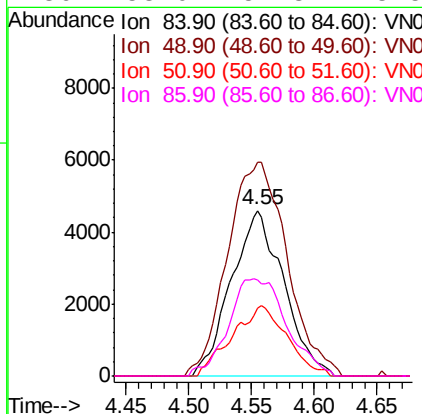
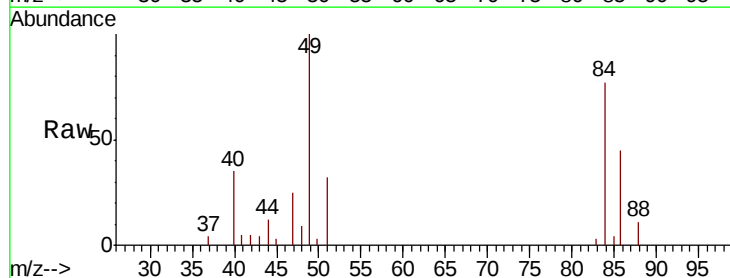
Instrument :
MSVOA_N
ClientSampled :
RBR200034

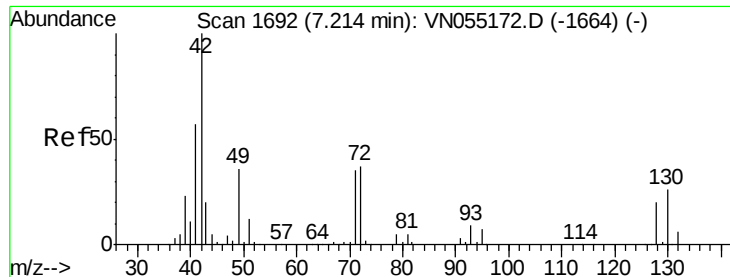
Tot Ion: 43 Resp: 7031
Ion Ratio Lower Upper
43 100
74 11.5 16.7 25.1#



#20
Methylene Chloride
Concen: 2.623 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN055247.D
Acq: 25 Apr 2019 15:35

Tgt Ion: 84 Resp: 13357
Ion Ratio Lower Upper
84 100
49 125.3 113.8 170.6
51 41.1 34.0 51.0
86 58.0 52.3 78.5





#29

Tetrahydrofuran

Concen: 0.243 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.01 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

RBR200034

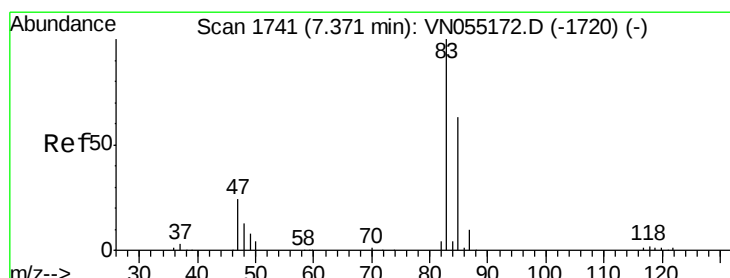
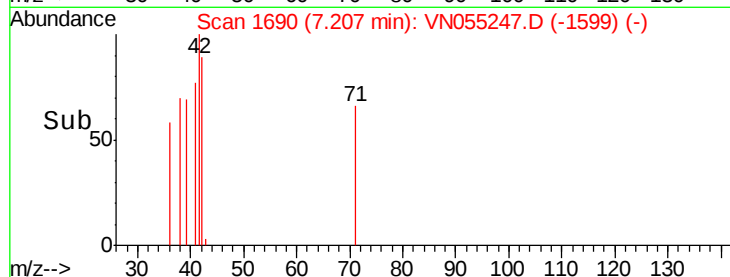
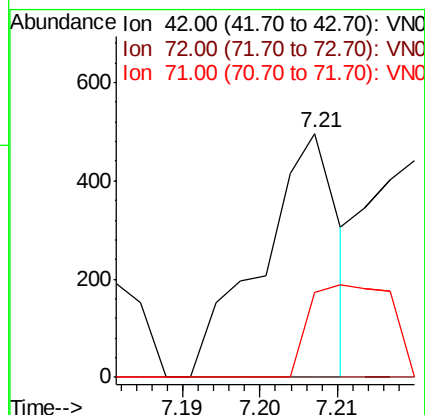
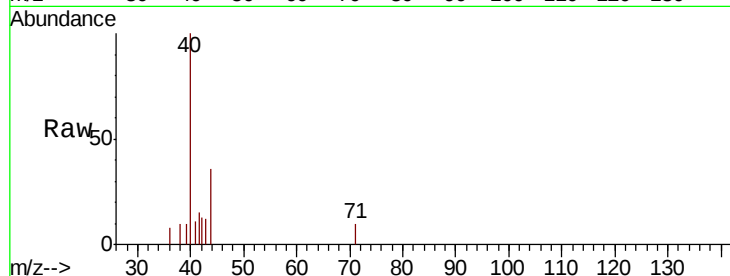
Tot Ion: 42 Resp: 341

Ion Ratio Lower Upper

42 100

72 0.0 29.4 44.2#

71 40.5 27.8 41.8



#30

Chloroform

Concen: 0.894 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN055247.D

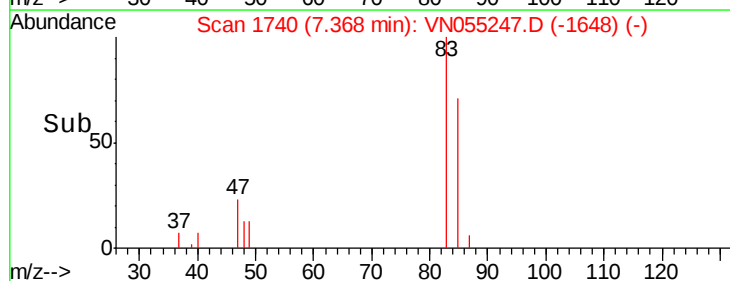
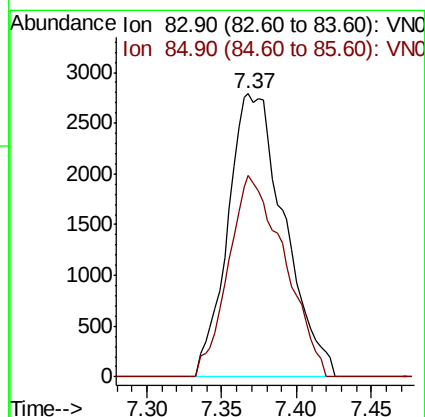
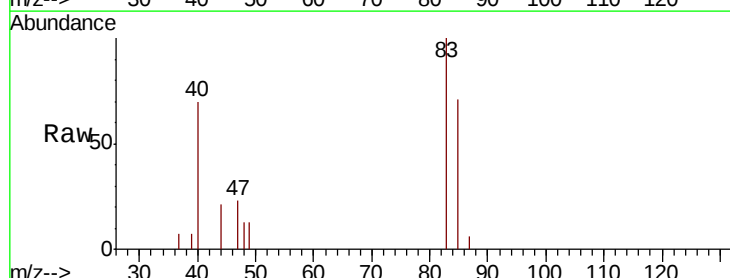
Acq: 25 Apr 2019 15:35

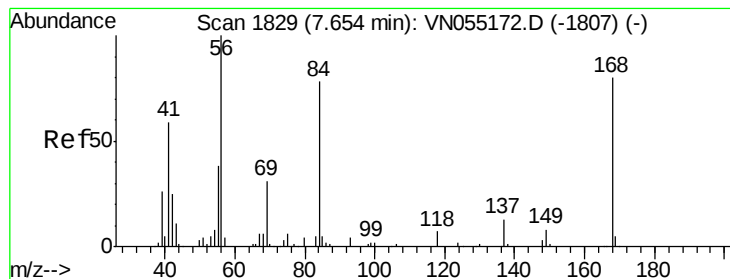
Tgt Ion: 83 Resp: 7337

Ion Ratio Lower Upper

83 100

85 71.0 50.6 76.0





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

RBR200034

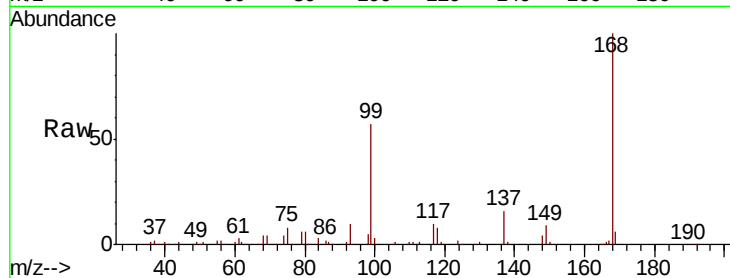
Tot Ion: 56 Resp: 8385

Ion Ratio Lower Upper

56 100

69 144.2 24.6 37.0#

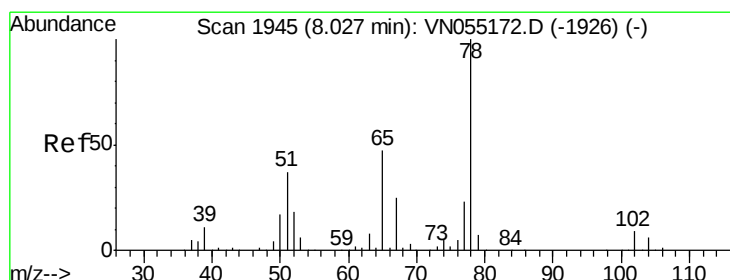
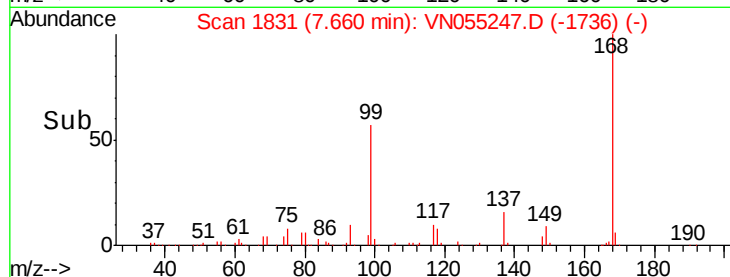
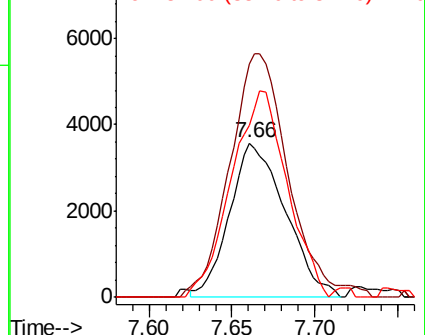
84 106.6 61.4 92.2#



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: 51.043 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055247.D

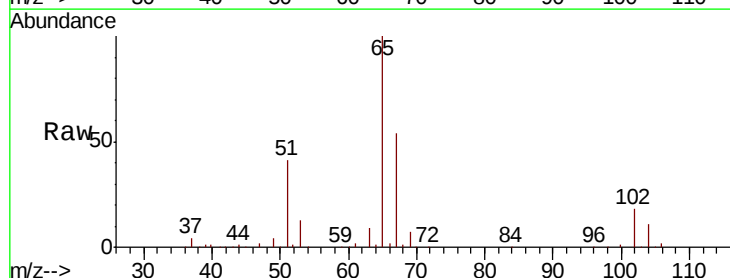
Acq: 25 Apr 2019 15:35

Tgt Ion: 65 Resp: 273464

Ion Ratio Lower Upper

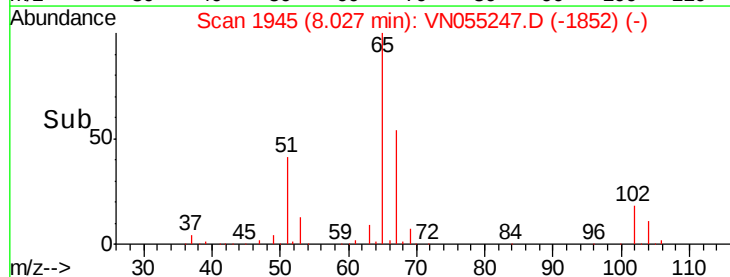
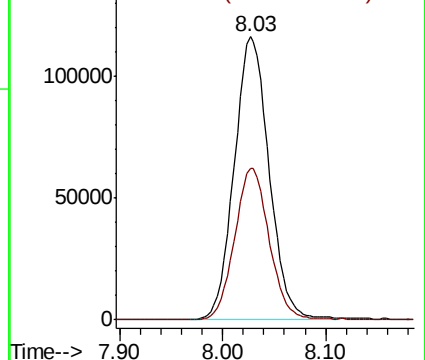
65 100

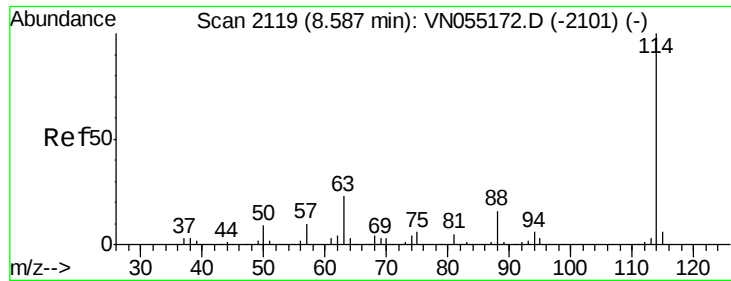
67 53.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

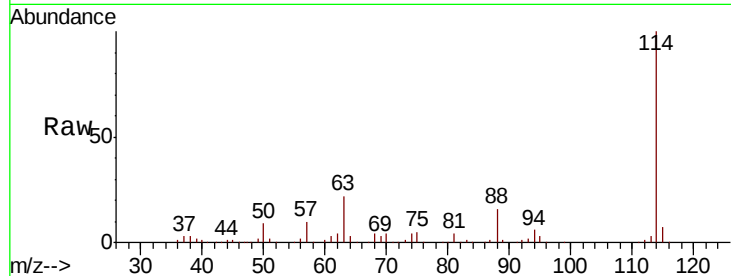




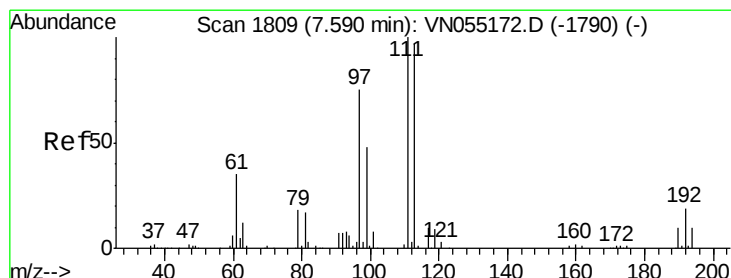
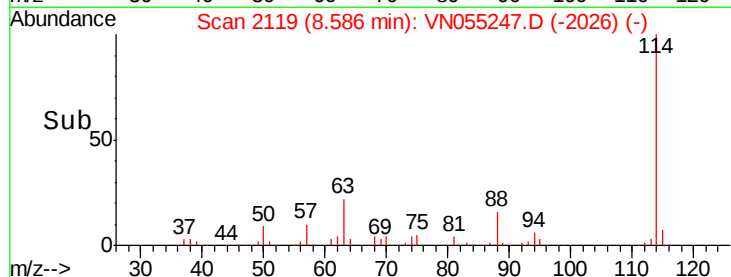
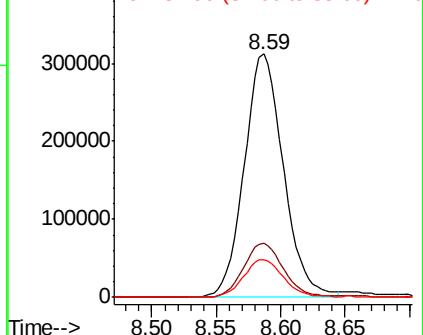
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055247.D
 Acq: 25 Apr 2019 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200034

Tot Ion:114 Resp: 661488
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.2
 88 15.5 0.0 32.8

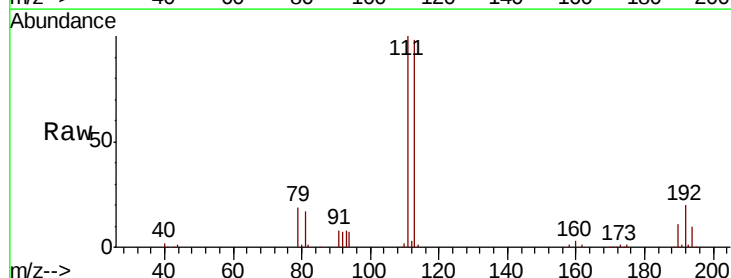


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

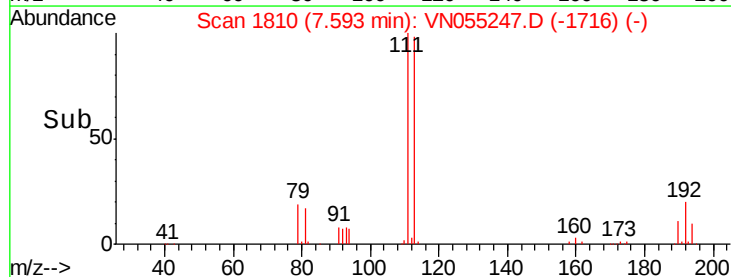
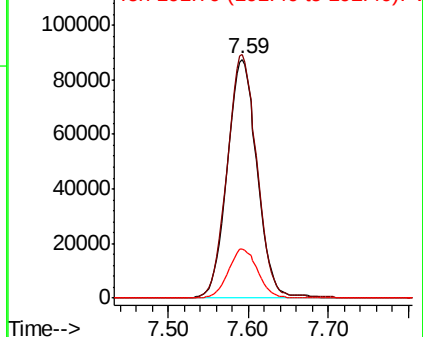


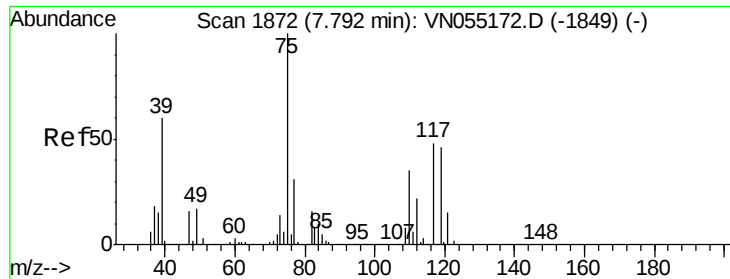
#35
 Dibromofluoromethane
 Concen: 49.249 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055247.D
 Acq: 25 Apr 2019 15:35

Tgt Ion:113 Resp: 221317
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.0 121.4
 192 20.4 16.2 24.4



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: 4.780 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

RBR200034

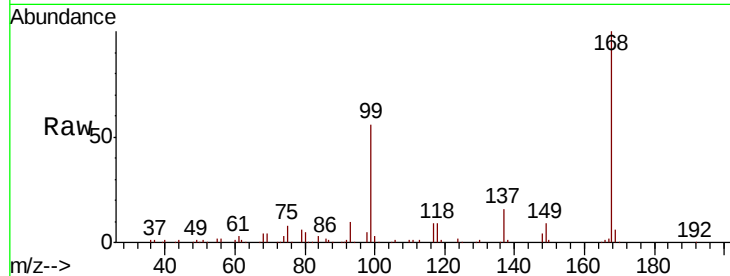
Tot Ion: 75 Resp: 29345

Ion Ratio Lower Upper

75 100

110 8.9 17.1 51.2#

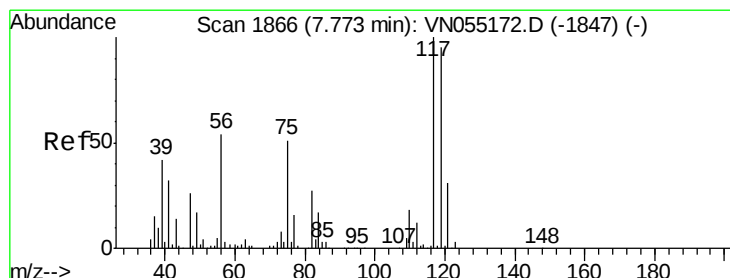
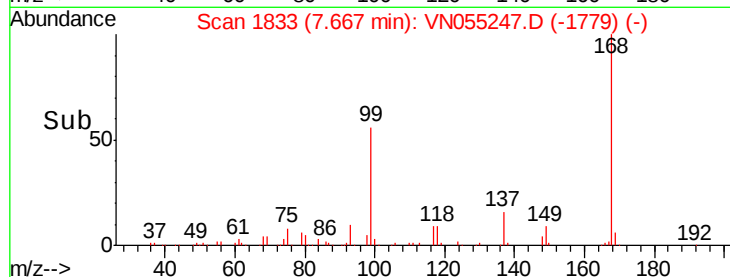
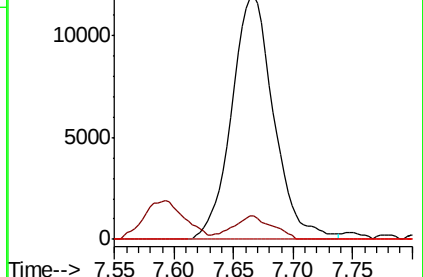
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055172.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN055172.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN055172.D (-1849) (-)



#38

Carbon Tetrachloride

Concen: 6.365 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

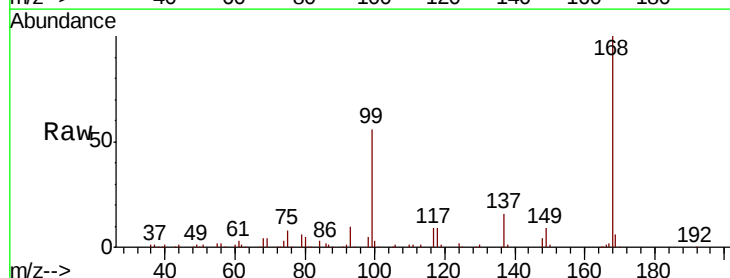
Tgt Ion: 117 Resp: 36593

Ion Ratio Lower Upper

117 100

119 5.4 76.0 114.0#

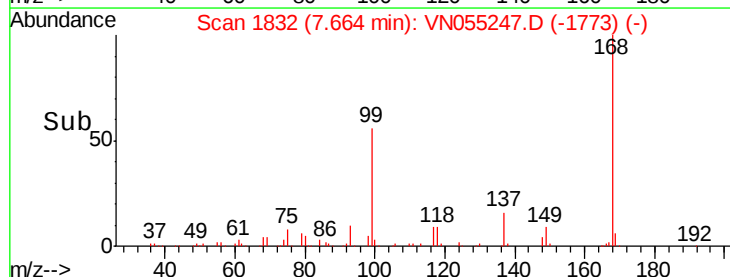
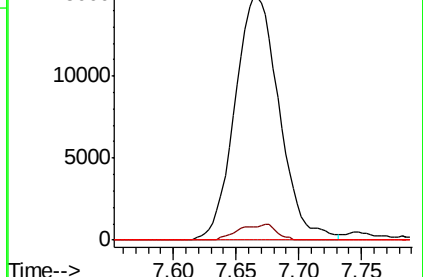
121 0.0 24.6 36.8#

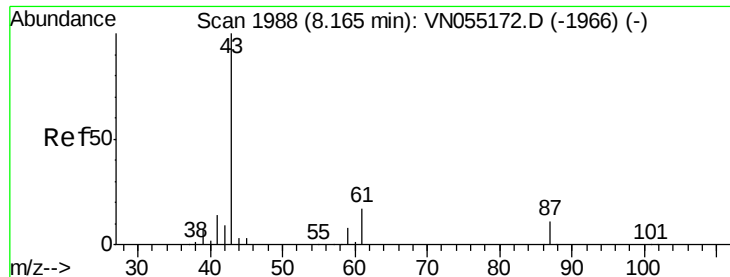


Abundance Ion 116.80 (116.50 to 117.50): VN055172.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN055172.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN055172.D (-1847) (-)





#43

Isopropyl Acetate

Concen: 3.141 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

RBR200034

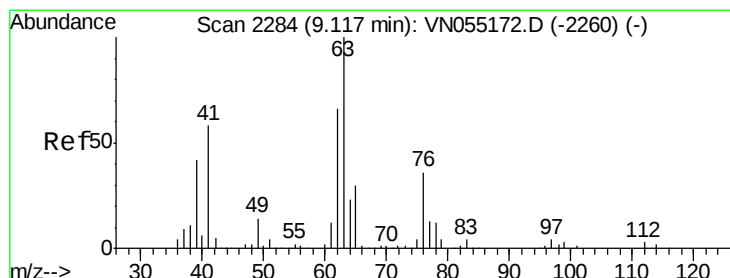
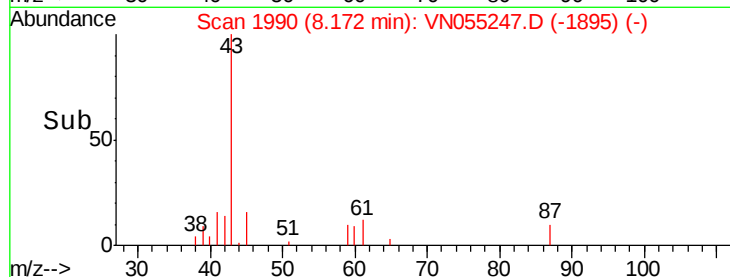
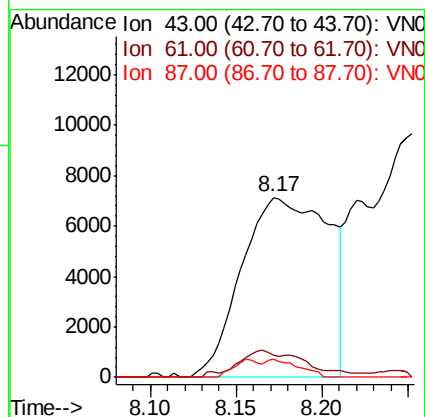
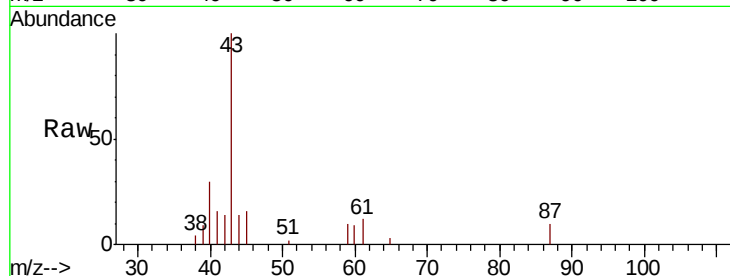
Tot Ion: 43 Resp: 25205

Ion Ratio Lower Upper

43 100

61 6.7 20.6 30.8#

87 3.6 8.8 13.2#



#45

1,2-Dichloropropane

Concen: 0.260 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.16 min

Lab File: VN055247.D

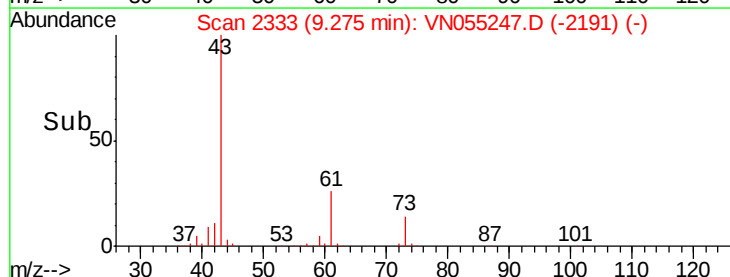
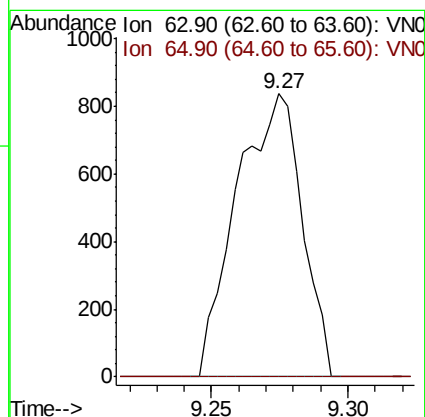
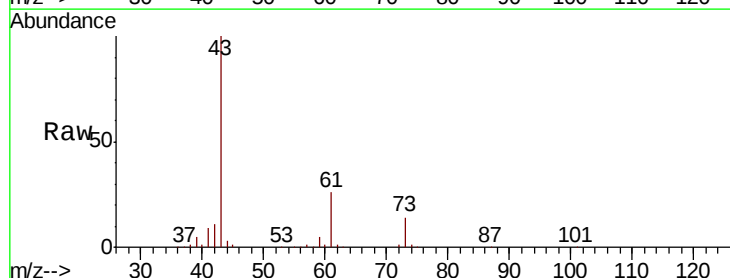
Acq: 25 Apr 2019 15:35

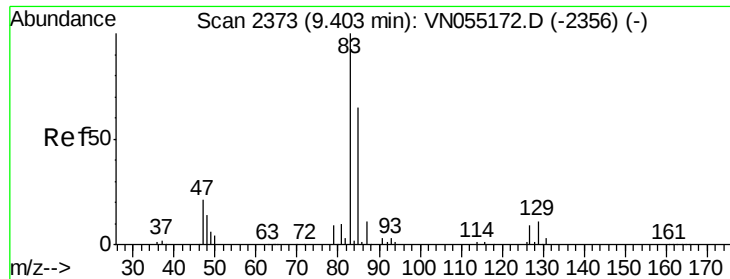
Tgt Ion: 63 Resp: 1392

Ion Ratio Lower Upper

63 100

65 0.0 23.8 35.6#





#47

Bromodichloromethane

Concen: 0.235 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampled :

RBR200034

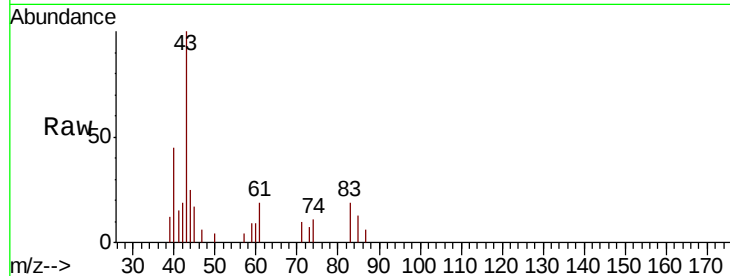
Tot Ion: 83 Resp: 1441

Ion Ratio Lower Upper

83 100

85 68.2 52.1 78.1

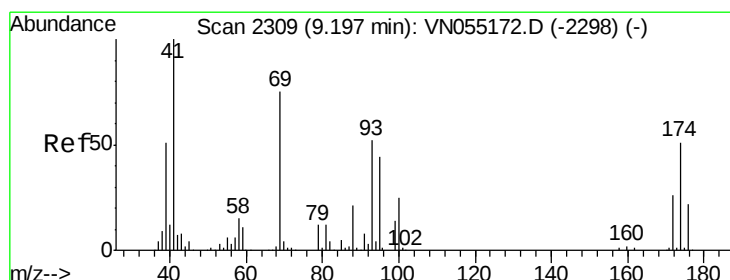
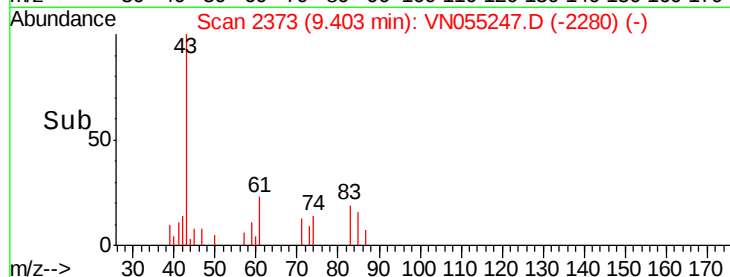
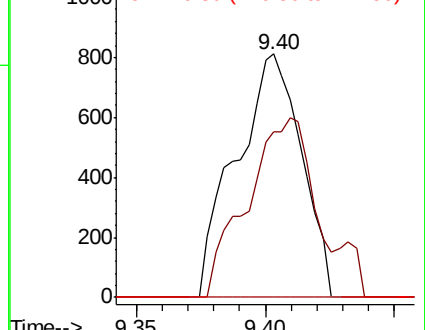
127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 2.007 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.01 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

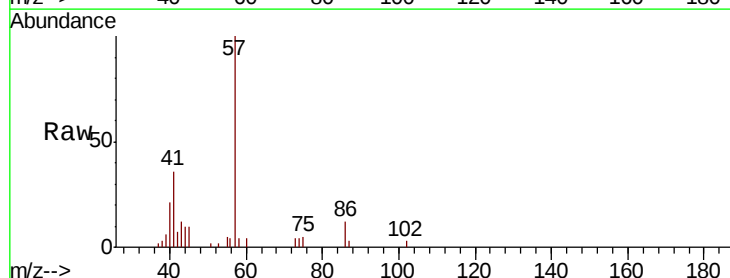
Tgt Ion: 41 Resp: 7810

Ion Ratio Lower Upper

41 100

69 0.0 63.6 95.4#

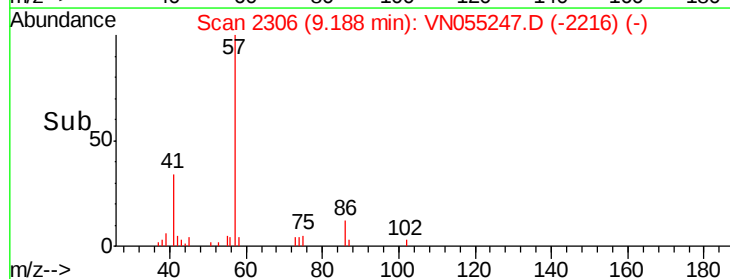
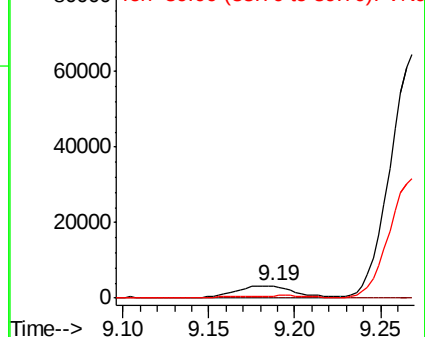
39 25.0 43.8 65.8#

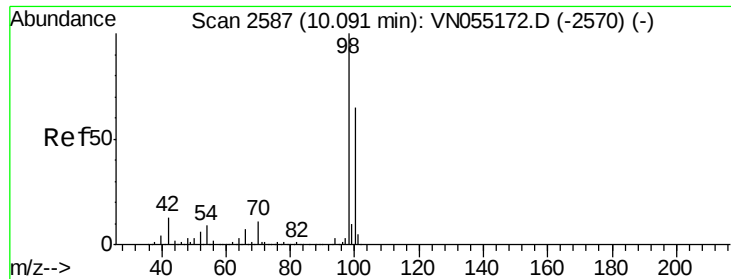


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 50.320 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

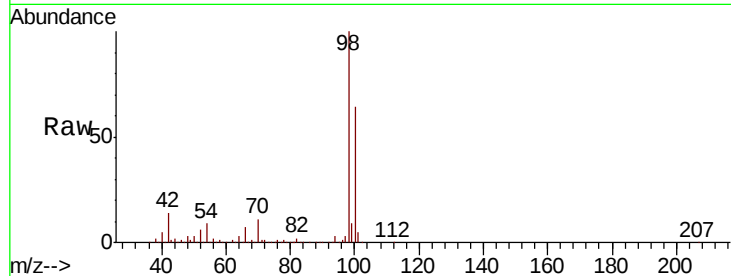
RBR200034

Tot Ion: 98 Resp: 837829

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN055172.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055172.D (-2570) (-)

10.09

400000

300000

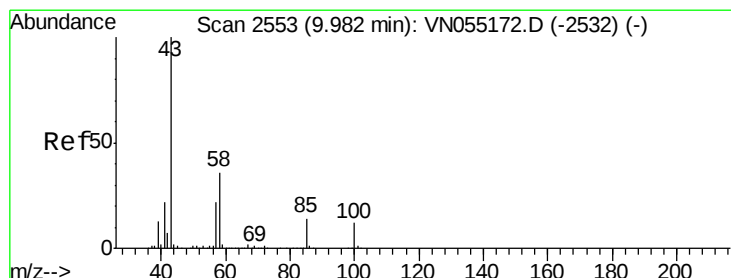
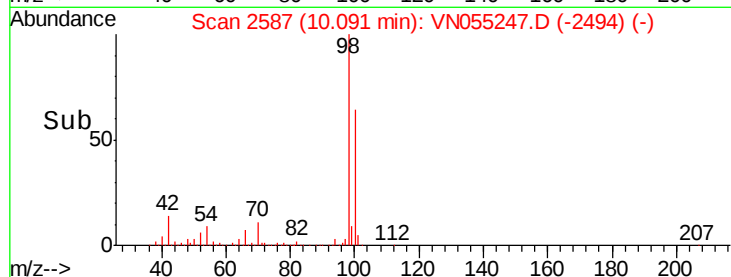
200000

100000

0

Time-->

10.00 10.10 10.20 10.30



#51

4-Methyl-2-Pentanone

Concen: 0.838 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055247.D

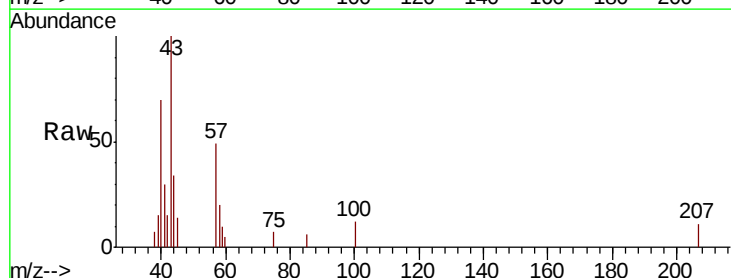
Acq: 25 Apr 2019 15:35

Tgt Ion: 43 Resp: 3869

Ion Ratio Lower Upper

43 100

58 34.4 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-2532) (-)

6000

5000

4000

3000

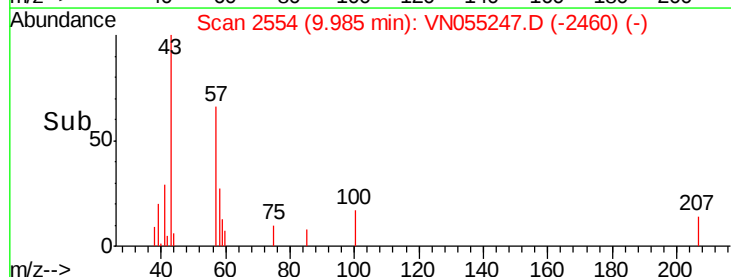
2000

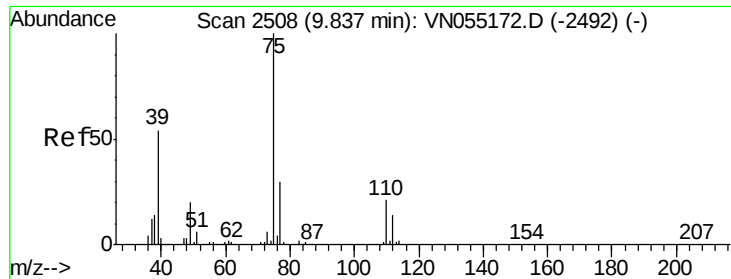
1000

0

Time-->

9.94 9.96 9.98 10.00





#54

cis-1,3-Dichloropropene

Concen: 7.459 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

RBR200034

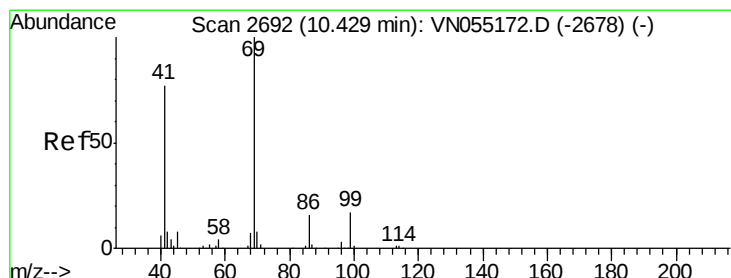
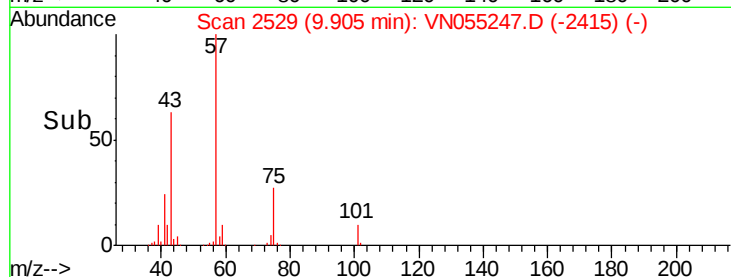
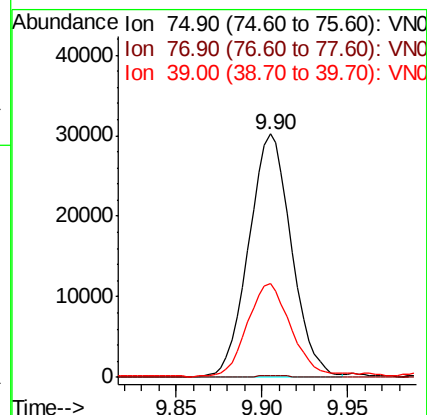
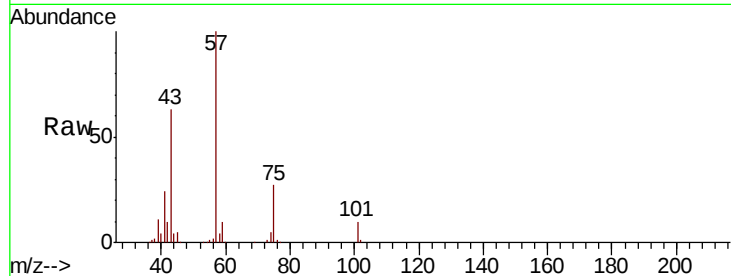
Tot Ion: 75 Resp: 52082

Ion Ratio Lower Upper

75 100

77 0.5 24.3 36.5#

39 38.7 43.0 64.4#



#56

Ethyl methacrylate

Concen: 0.200 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

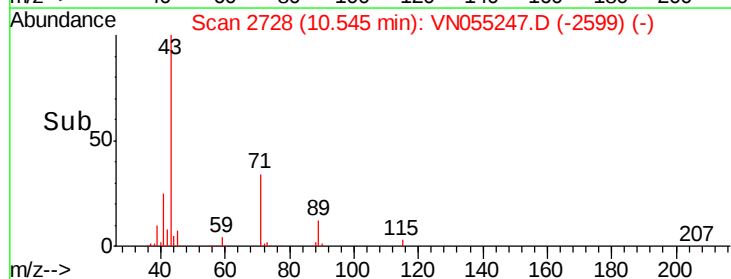
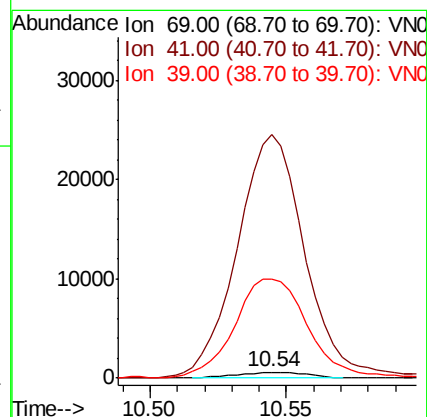
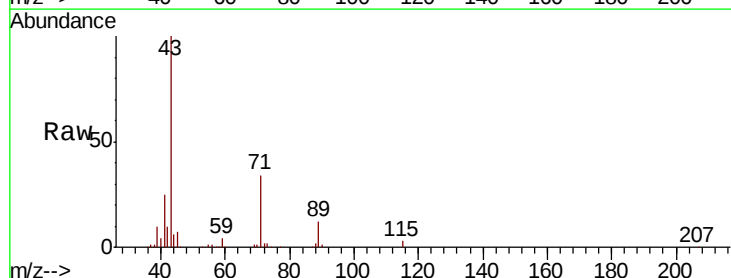
Tgt Ion: 69 Resp: 1022

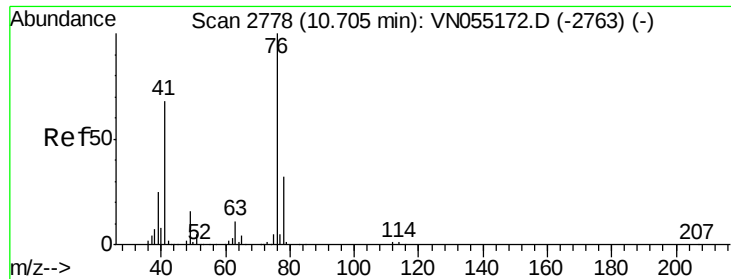
Ion Ratio Lower Upper

69 100

41 4157.0 60.6 90.8#

39 1832.0 31.7 47.5#





#57

1,3-Dichloropropane

Concen: 1.357 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampled :

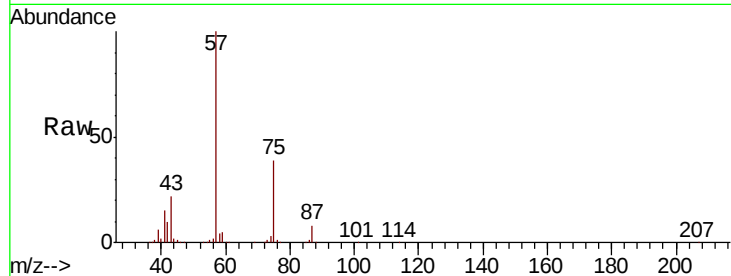
RBR200034

Tot Ion: 76 Resp: 9674

Ion Ratio Lower Upper

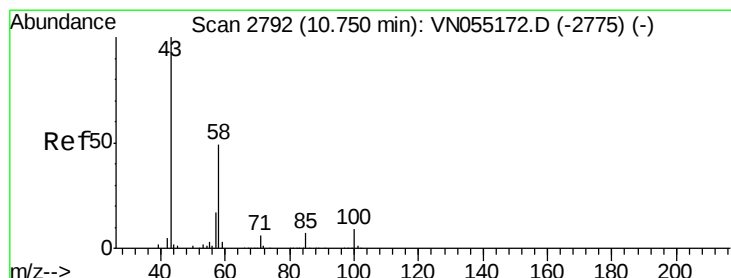
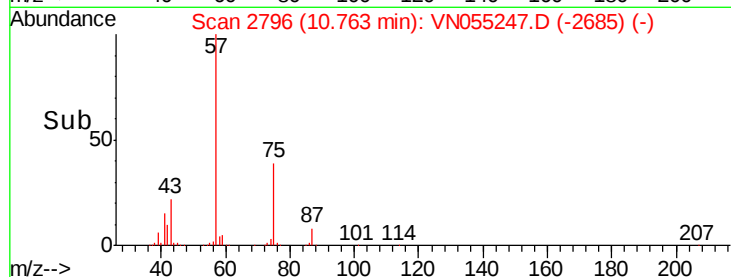
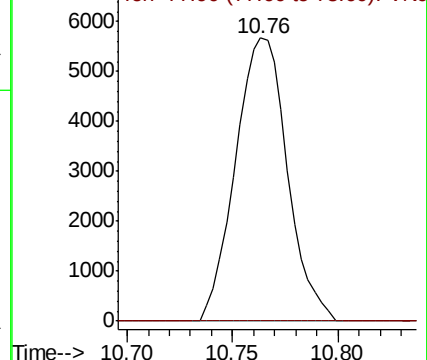
76 100

78 0.0 25.3 37.9#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#59

2-Hexanone

Concen: 54.122 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055247.D

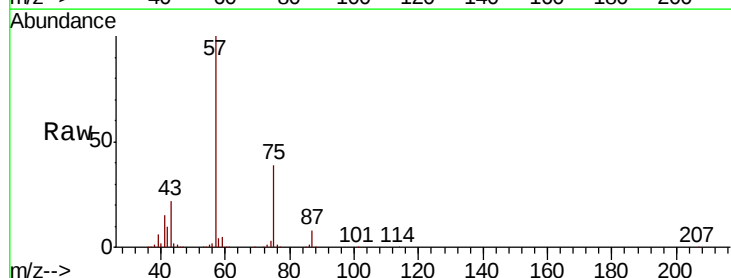
Acq: 25 Apr 2019 15:35

Tgt Ion: 43 Resp: 157837

Ion Ratio Lower Upper

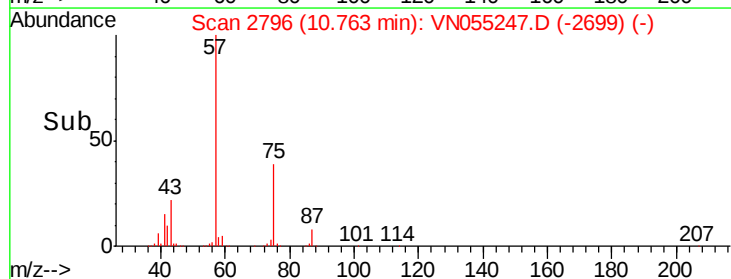
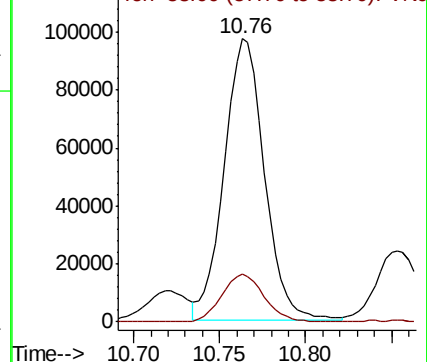
43 100

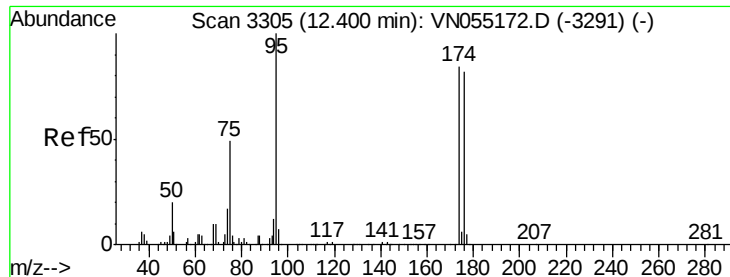
58 17.9 24.5 73.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#62

4-Bromofluorobenzene

Concen: 49.150 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampled :

RBR200034

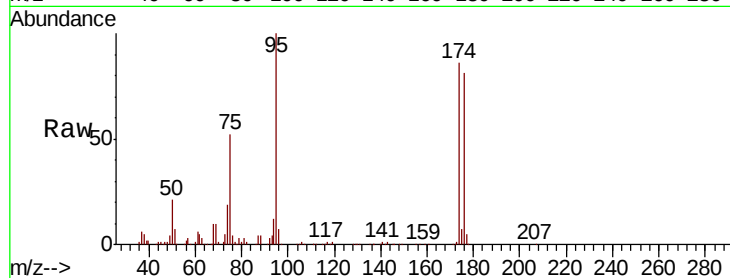
Tot Ion: 95 Resp: 259153

Ion Ratio Lower Upper

95 100

174 86.4 0.0 168.4

176 81.8 0.0 164.0



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

12.40

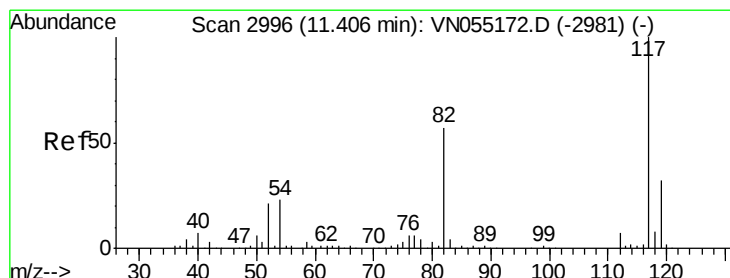
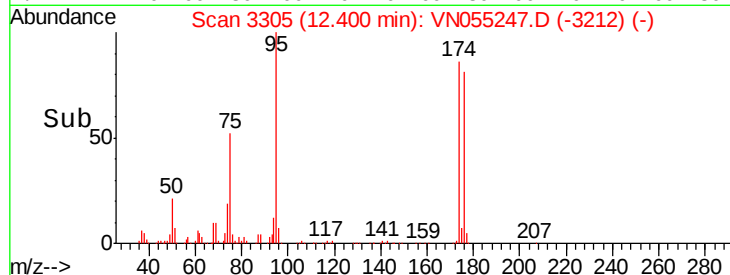
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

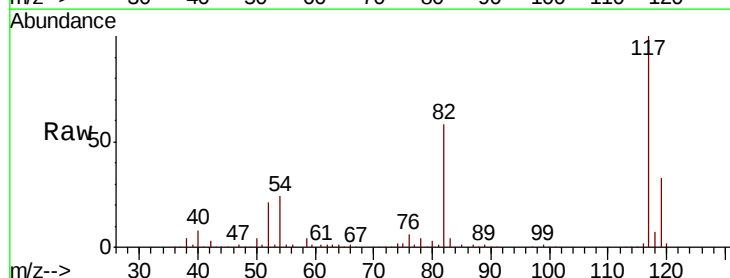
Tgt Ion: 117 Resp: 610582

Ion Ratio Lower Upper

117 100

82 58.2 45.7 68.5

119 32.8 25.4 38.2



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

11.41

400000

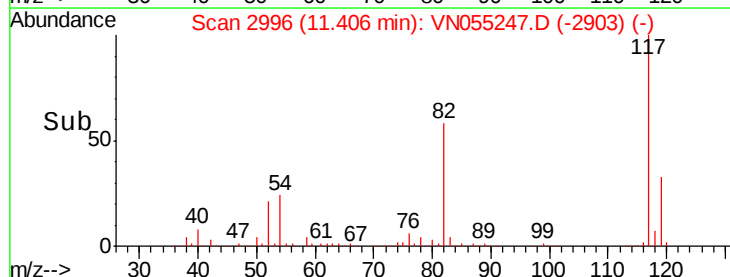
300000

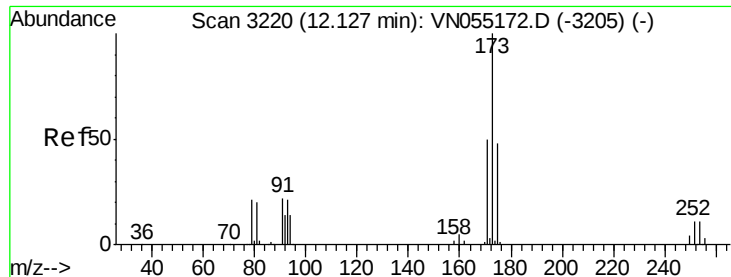
200000

100000

0

Time-->





#71

Bromoform

Concen: 0.749 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampled :

RBR200034

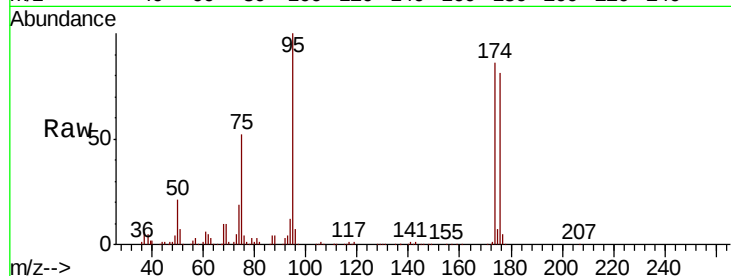
Tot Ion:173 Resp: 2064

Ion Ratio Lower Upper

173 100

175 725.7 23.8 71.2#

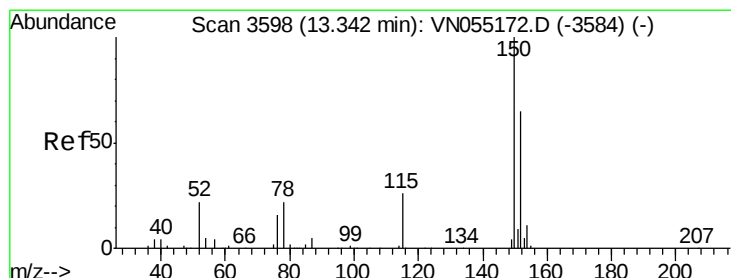
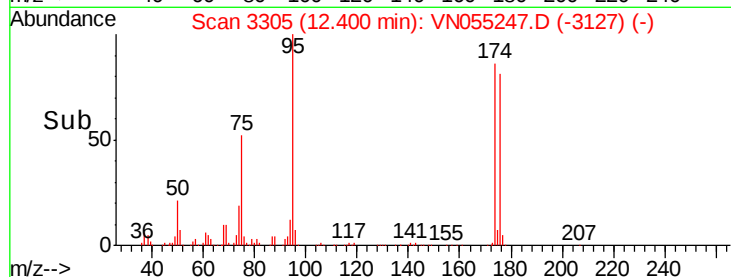
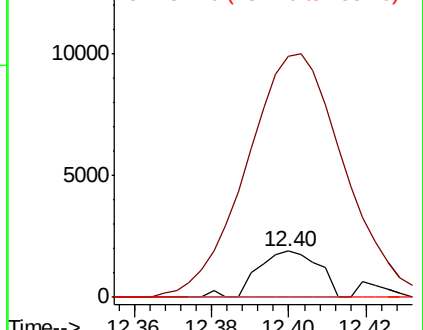
254 0.0 0.1 0.1#



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: VN055247.D

Acq: 25 Apr 2019 15:35

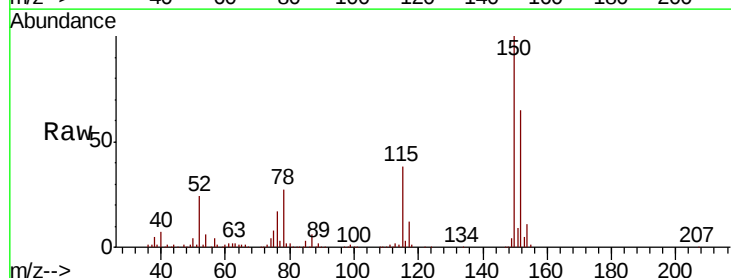
Tgt Ion:152 Resp: 191354

Ion Ratio Lower Upper

152 100

115 58.3 28.9 86.7

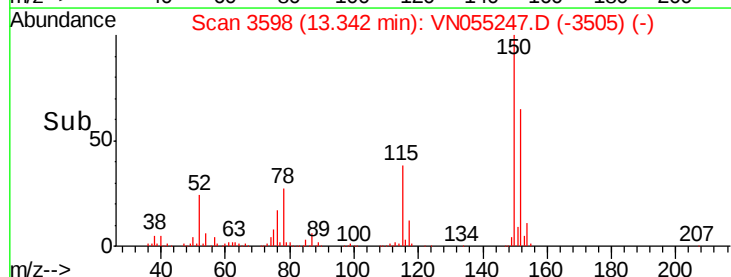
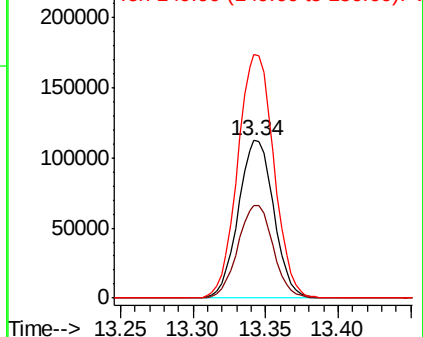
150 157.6 0.0 346.6

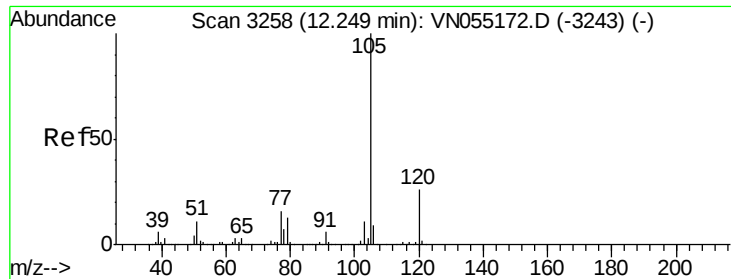


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampled :

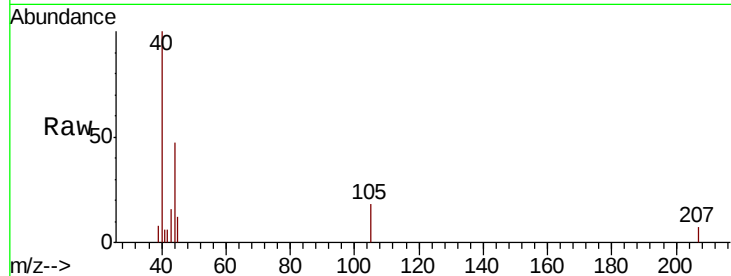
RBR200034

Tot Ion: 105 Resp: 657

Ion Ratio Lower Upper

105 100

120 4.6 13.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400

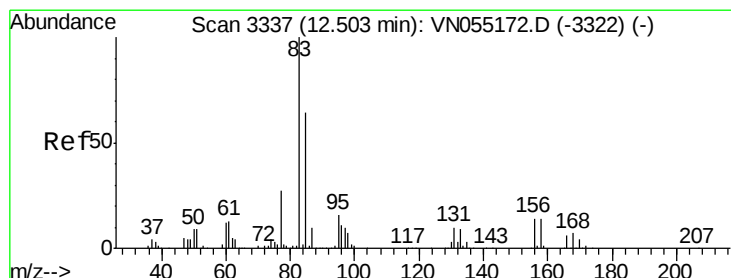
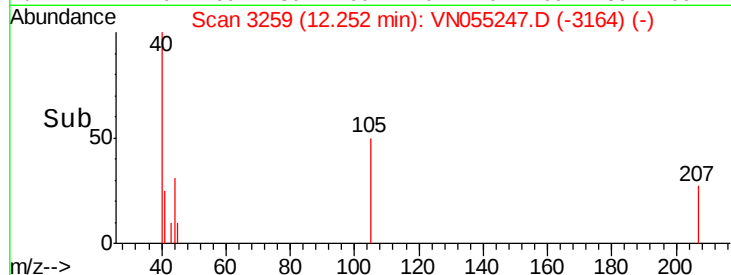
300

200

100

0

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.71 min Scan# 3402

Delta R.T. 0.21 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

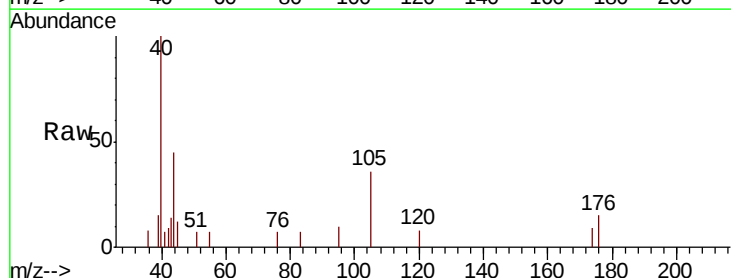
Tgt Ion: 83 Resp: 59

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 32.1 96.3#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

12.71

200

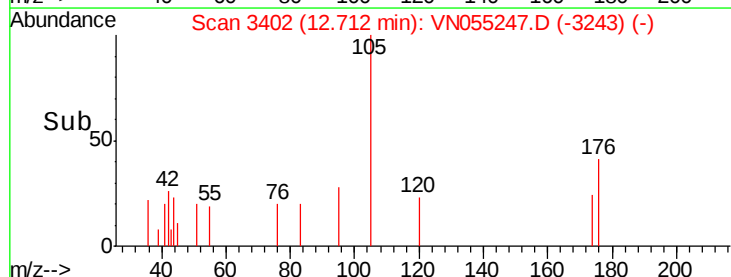
150

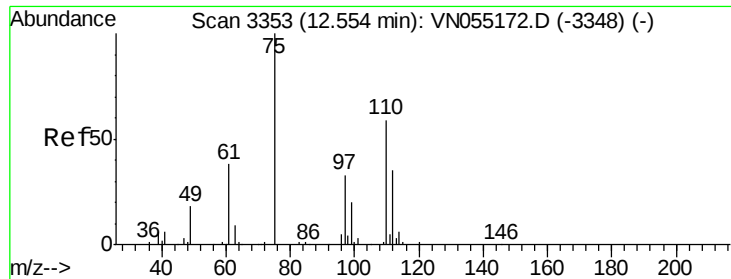
100

50

0

Time-->

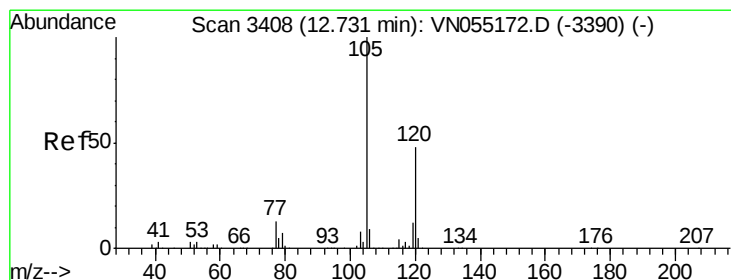
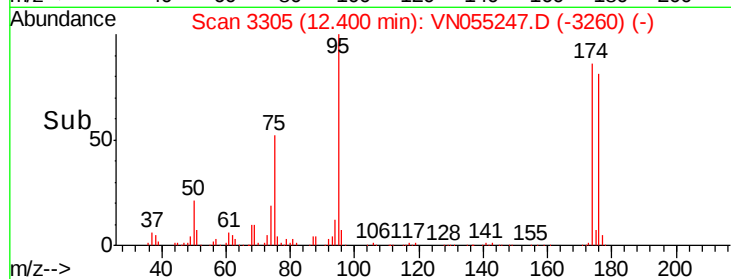
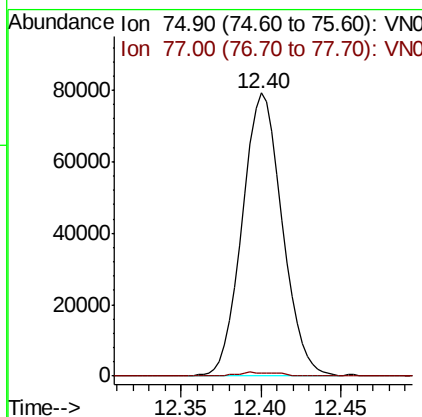
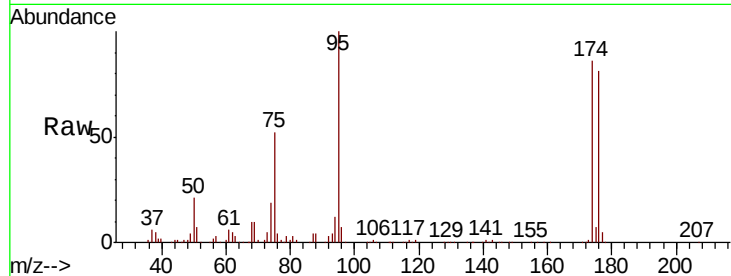




#76
 1,2,3-Trichloropropane
 Concen: 34.760 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN055247.D
 Acq: 25 Apr 2019 15:35

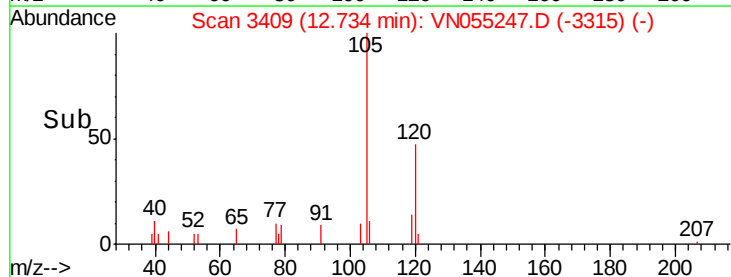
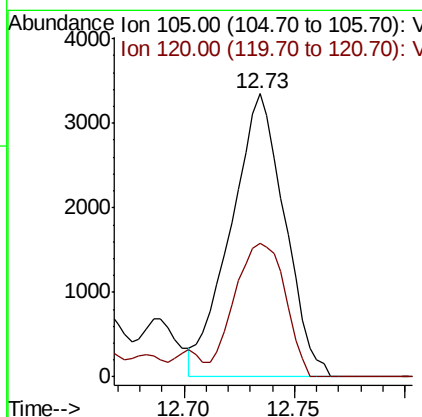
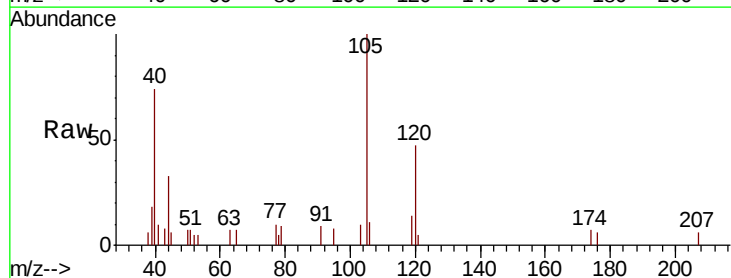
Instrument :
 MSVOA_N
 ClientSampled :
 RBR200034

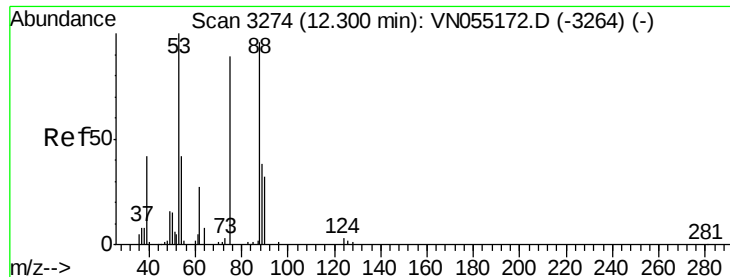
Tot Ion: 75 Resp: 134940
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.396 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055247.D
 Acq: 25 Apr 2019 15:35

Tgt Ion: 105 Resp: 5670
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 131.769 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampled :

RBR200034

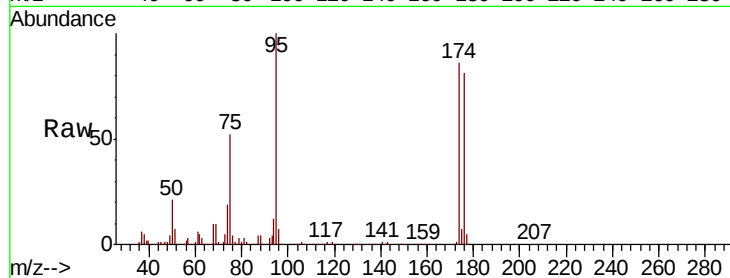
Tot Ion: 75 Resp: 134940

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

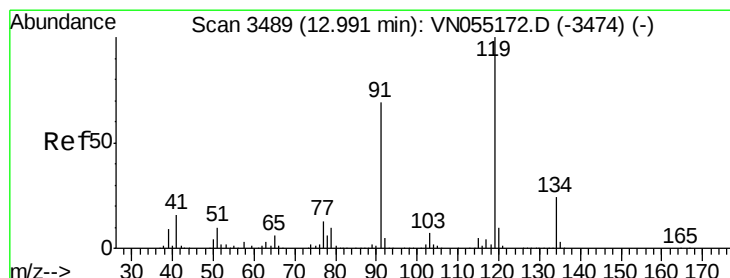
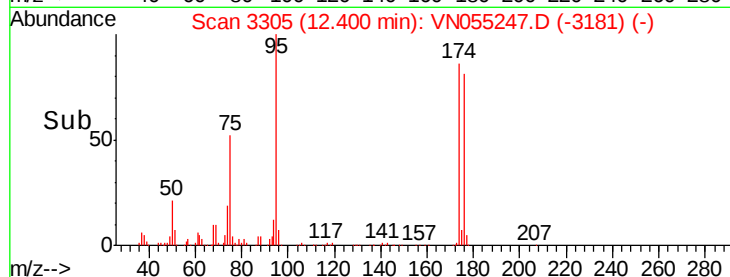
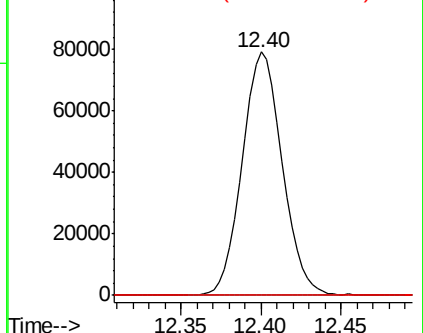
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN055172.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055172.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055172.D (-3264) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.05 min Scan# 3506

Delta R.T. 0.06 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

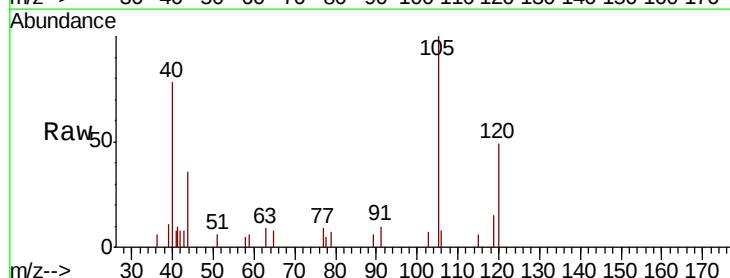
Tgt Ion: 119 Resp: 625

Ion Ratio Lower Upper

119 100

91 95.7 33.8 101.3

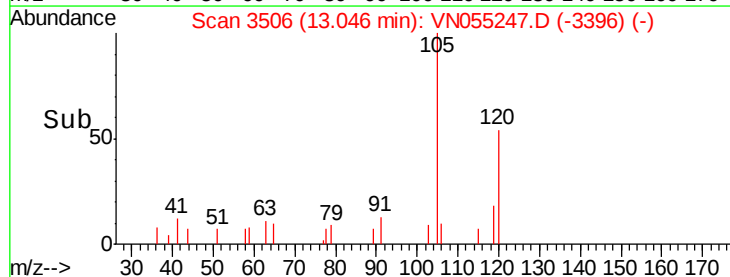
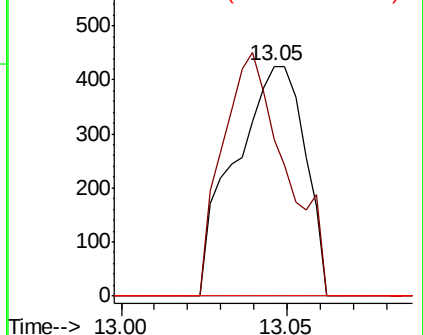
134 0.0 13.2 39.5#

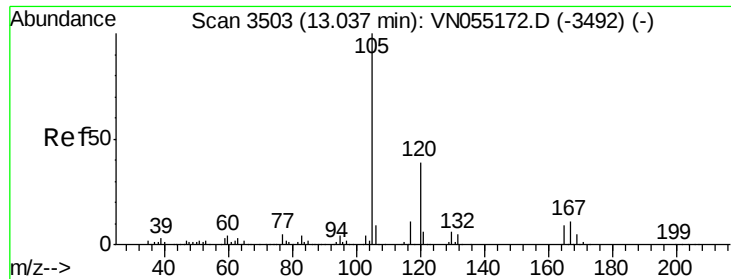


Abundance Ion 119.00 (118.70 to 119.70): VN055172.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN055172.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN055172.D (-3474) (-)

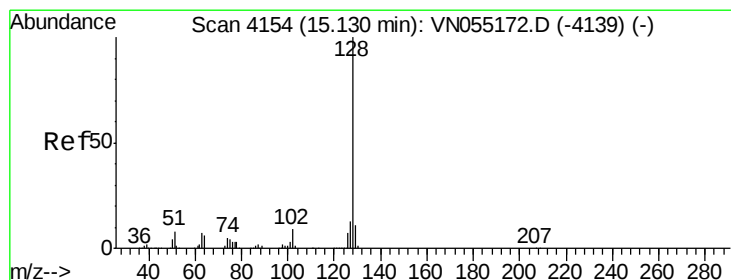
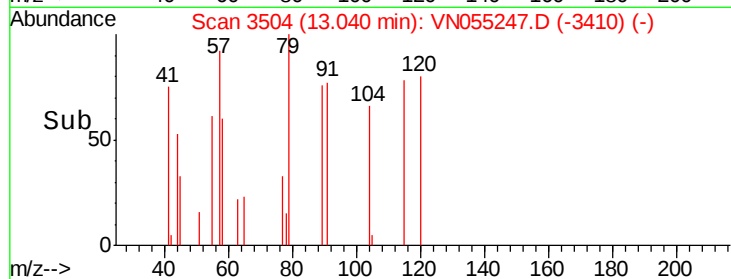
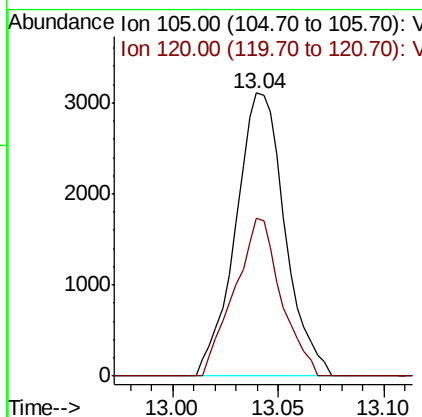
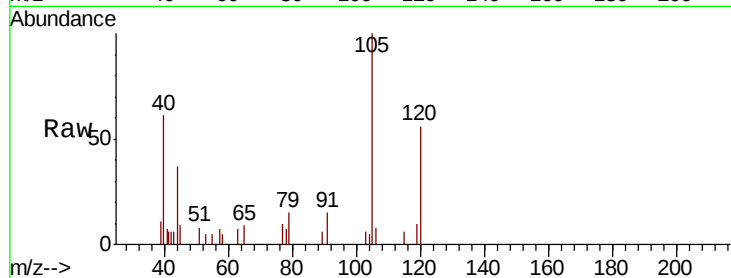




#84
 1,2,4-Trimethylbenzene
 Concen: 0.374 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055247.D
 Acq: 25 Apr 2019 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200034

Tot Ion:105 Resp: 5053
 Ion Ratio Lower Upper
 105 100
 120 52.4 22.7 68.1



#95
 Naphthalene
 Concen: 5.512 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.01 min
 Lab File: VN055247.D
 Acq: 25 Apr 2019 15:35

Tgt Ion:128 Resp: 14002
 Ion Ratio Lower Upper
 128 100
 127 14.8 10.3 15.5
 129 9.8 8.8 13.2

