

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058464.D
 Acq On : 1 Oct 2019 14:46
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Oct 02 01:28:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	409921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	665477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	573482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	225763	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	292247	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
35) Dibromofluoromethane	7.58	113	207785	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
50) Toluene-d8	10.08	98	817511	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.41	95	267992	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	

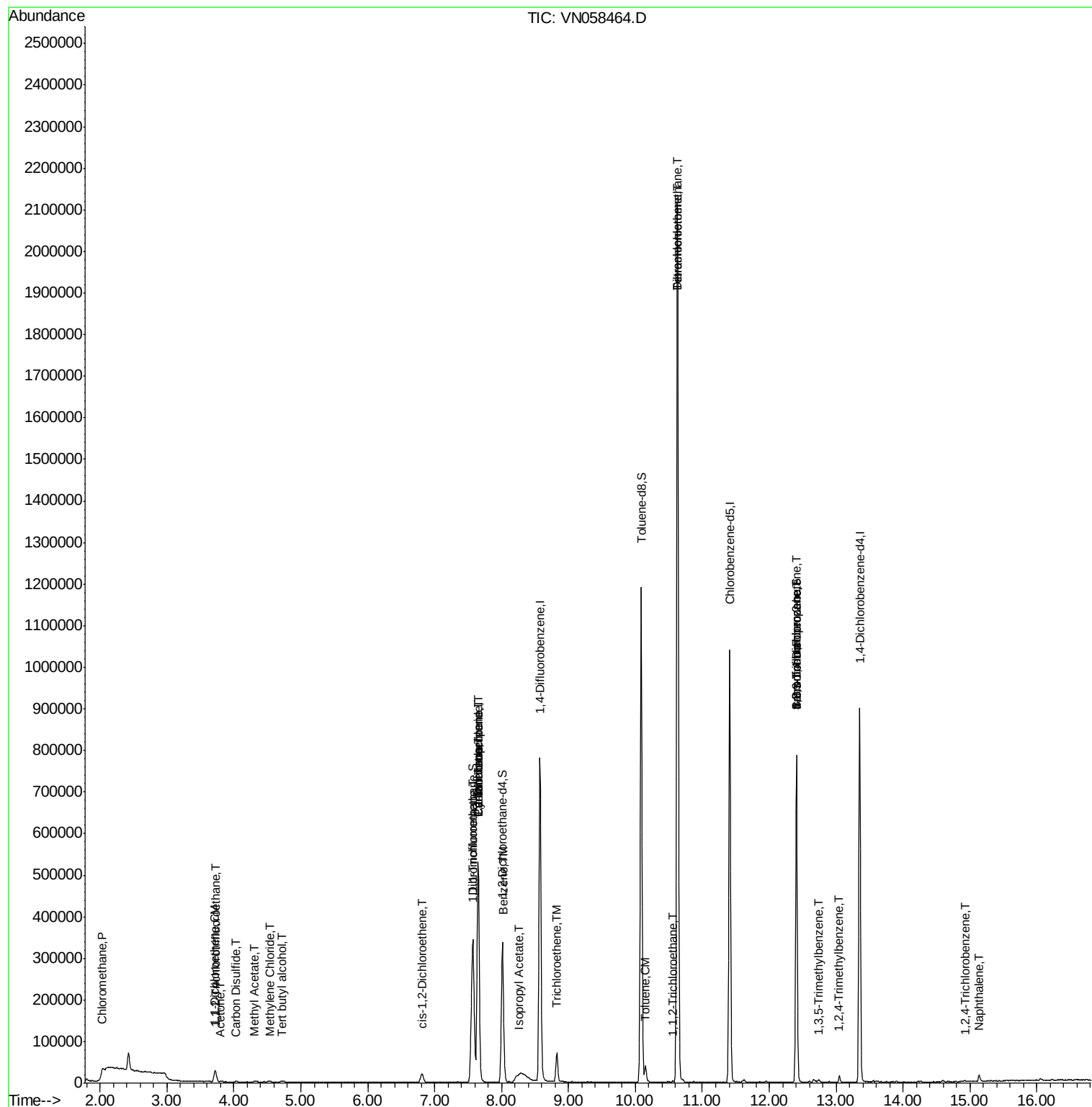
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	5502	1.113	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.73	101	1700	0.429	ug/l #	83
11) Tert butyl alcohol	4.73	59	1714	2.576	ug/l #	71
12) 1,1-Dichloroethene	3.72	96	12922	3.342	ug/l	95
16) Acetone	3.80	43	1462	0.716	ug/l #	47
17) Carbon Disulfide	4.03	76	2242	0.220	ug/l #	74
18) Methyl Acetate	4.31	43	3871	0.754	ug/l #	73
20) Methylene Chloride	4.53	84	1829	0.388	ug/l #	86
27) cis-1,2-Dichloroethene	6.81	96	9470	1.884	ug/l	85
31) Cyclohexane	7.65	56	10671	1.287	ug/l #	2
32) 1,1,1-Trichloroethane	7.55	97	102111	14.398	ug/l	98
36) 1,1-Dichloropropene	7.65	75	36031	5.662	ug/l #	51
38) Carbon Tetrachloride	7.65	117	40805	7.104	ug/l #	16
40) Benzene	8.03	78	3733	0.204	ug/l	92
43) Isopropyl Acetate	8.25	43	20443	2.015	ug/l #	63
44) Trichloroethene	8.82	130	23371	5.175	ug/l	90
52) Toluene	10.15	92	15865	1.378	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	966	0.230	ug/l #	88
60) Dibromochloromethane	10.63	129	462128	107.087	ug/l #	11
64) Tetrachloroethene	10.63	164	471041	129.282	ug/l	98
71) Bromoform	12.41	173	543	0.896	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	146200	35.455	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	2831	0.203	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.41	75	146200	107.680	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	9821	0.702	ug/l	91
93) 1,2,4-Trichlorobenzene	14.93	180	1335	0.354	ug/l	91
95) Naphthalene	15.14	128	12640	1.117	ug/l	99

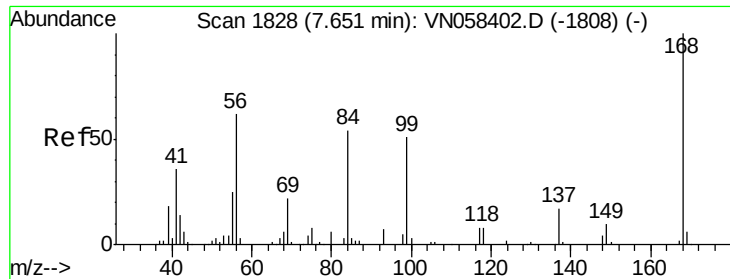
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
I.BLK

Quant Time: Oct 02 01:28:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

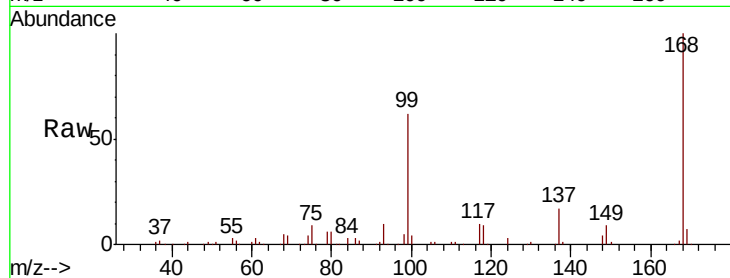
I.BLK

Tot Ion:168 Resp: 409921

Ion Ratio Lower Upper

168 100

99 61.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

100000

50000

0

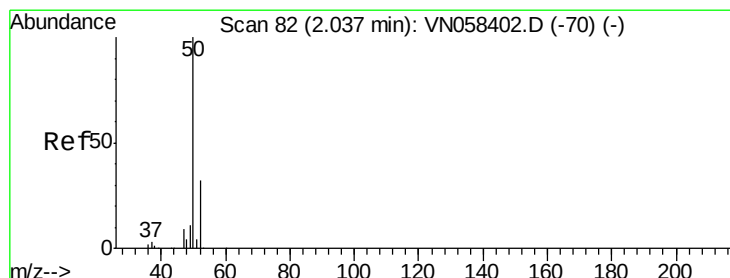
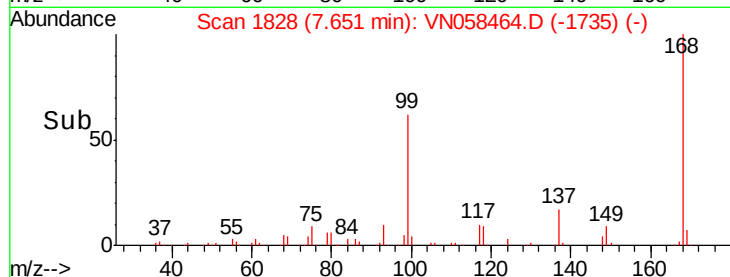
7.65

7.60

7.70

7.80

Time-->



#3

Chloromethane

Concen: 1.113 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058464.D

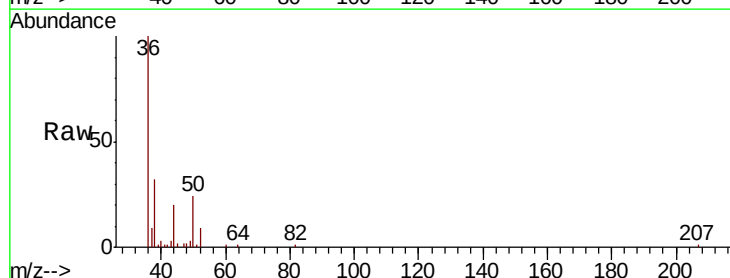
Acq: 1 Oct 2019 14:46

Tgt Ion: 50 Resp: 5502

Ion Ratio Lower Upper

50 100

52 36.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

4000

3000

2000

1000

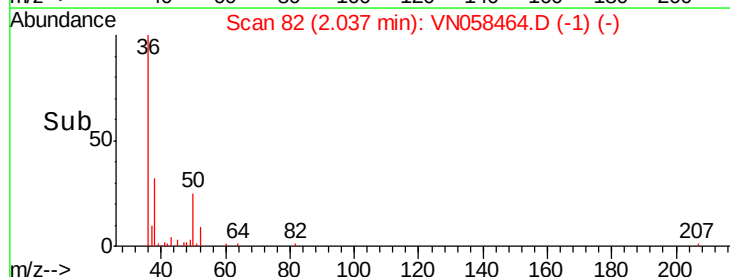
0

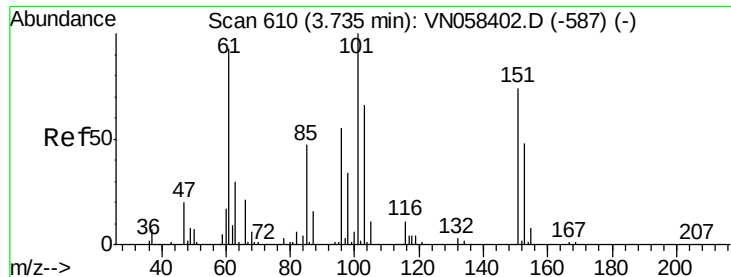
2.04

2.00

2.05

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.429 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

I.BLK

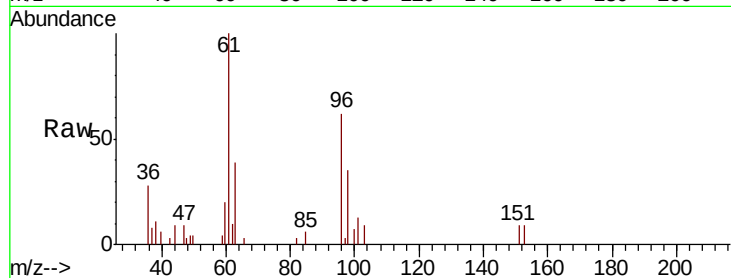
Tot Ion:101 Resp: 1700

Ion Ratio Lower Upper

101 100

85 36.0 36.7 55.1#

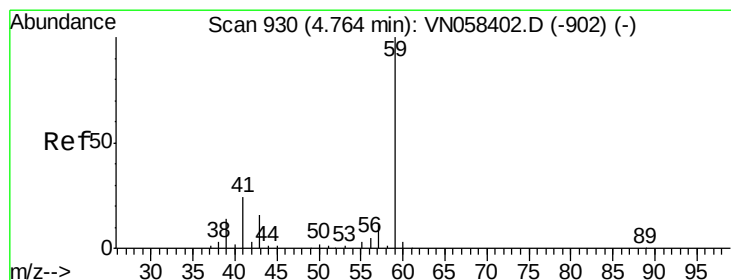
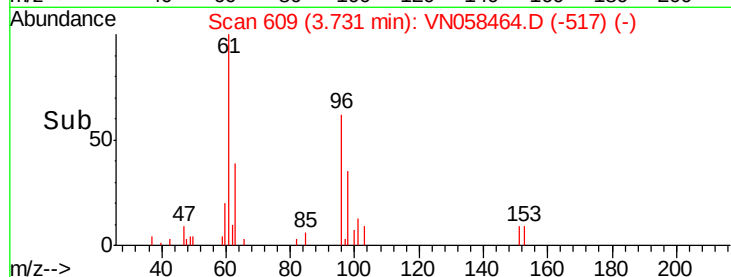
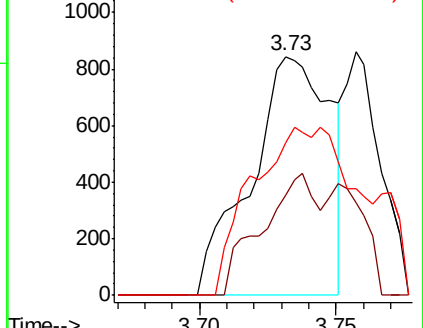
151 89.2 59.4 89.0#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 2.576 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.03 min

Lab File: VN058464.D

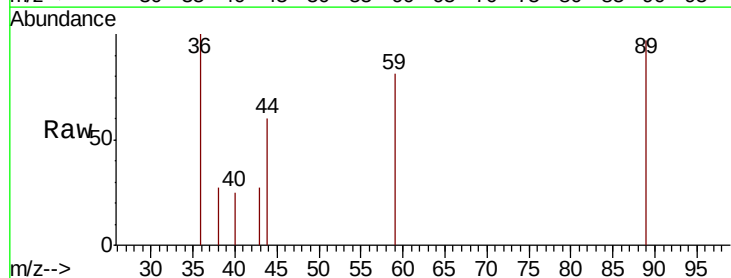
Acq: 1 Oct 2019 14:46

Tgt Ion: 59 Resp: 1714

Ion Ratio Lower Upper

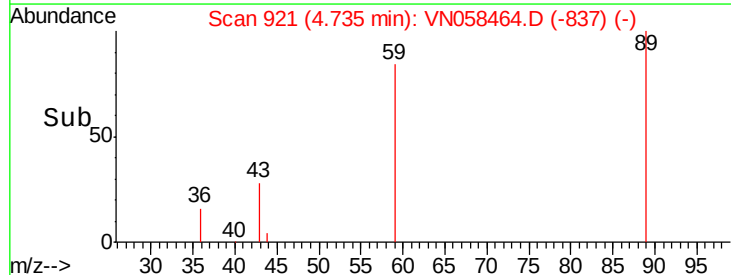
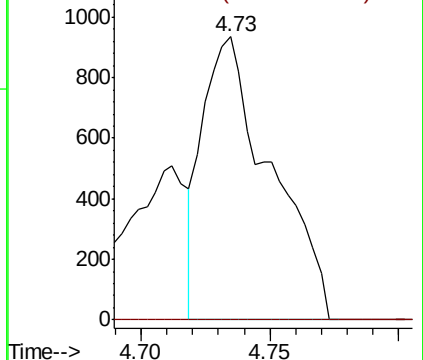
59 100

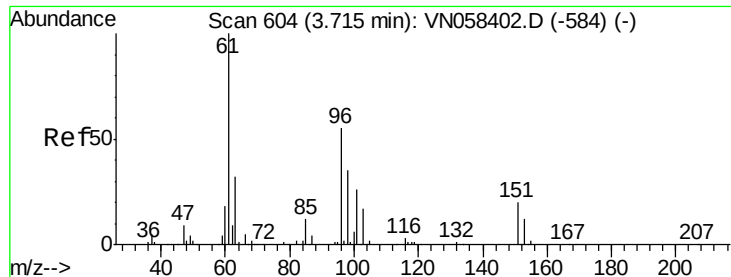
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#12

1,1-Dichloroethene

Concen: 3.342 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

I.BLK

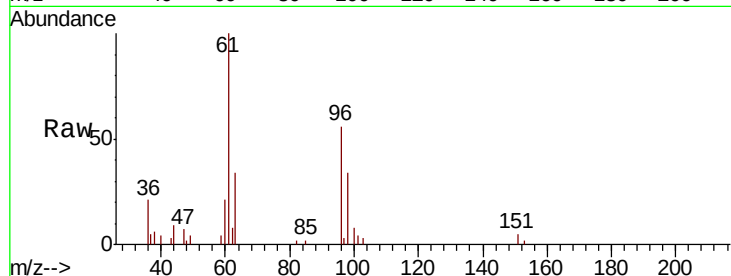
Tot Ion: 96 Resp: 12922

Ion Ratio Lower Upper

96 100

61 177.2 146.7 220.1

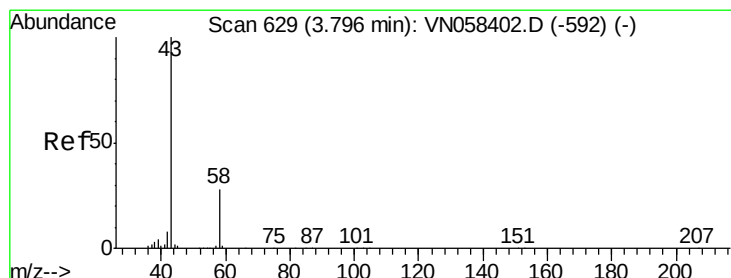
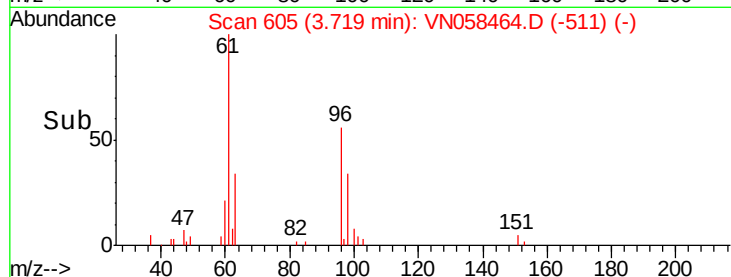
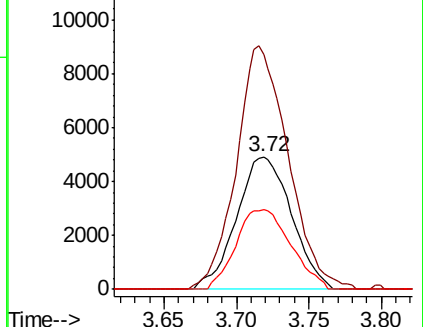
98 59.9 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#16

Acetone

Concen: 0.716 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058464.D

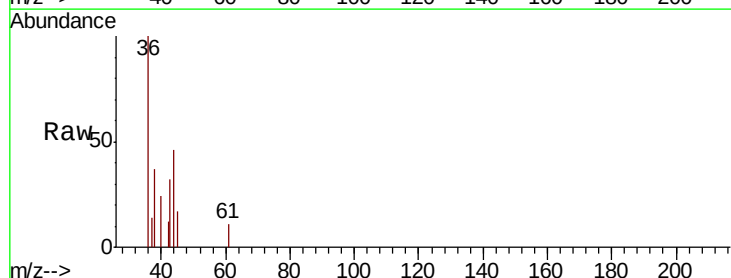
Acq: 1 Oct 2019 14:46

Tgt Ion: 43 Resp: 1462

Ion Ratio Lower Upper

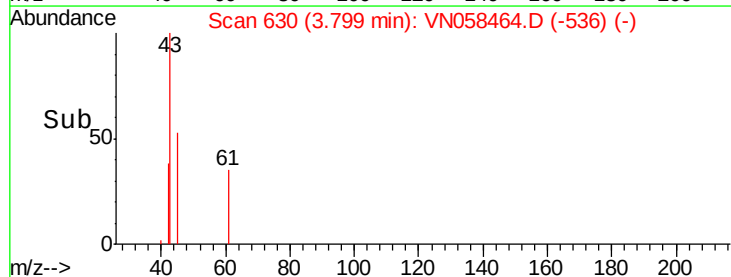
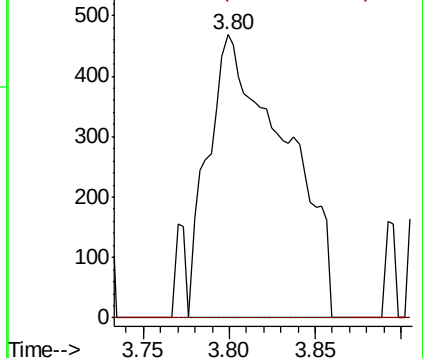
43 100

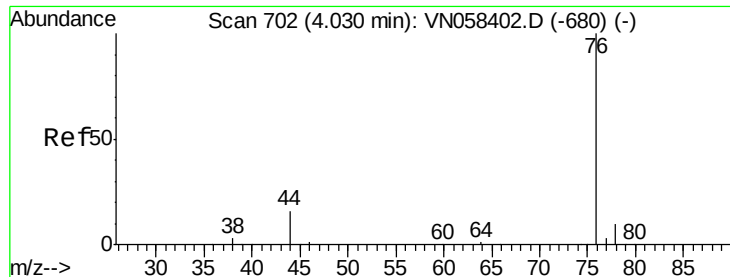
58 0.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.220 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

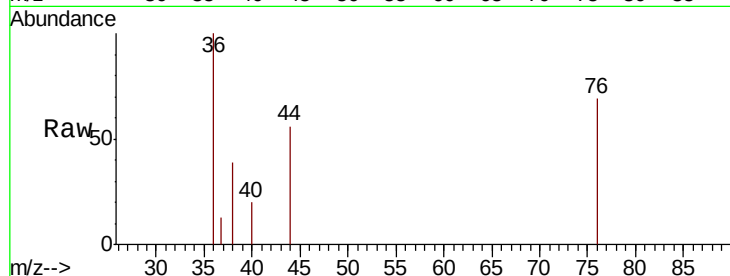
I.BLK

Tot Ion: 76 Resp: 2242

Ion Ratio Lower Upper

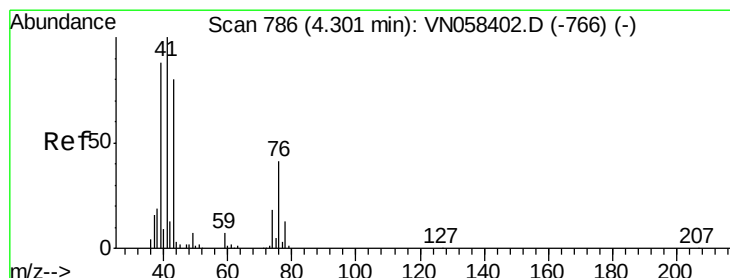
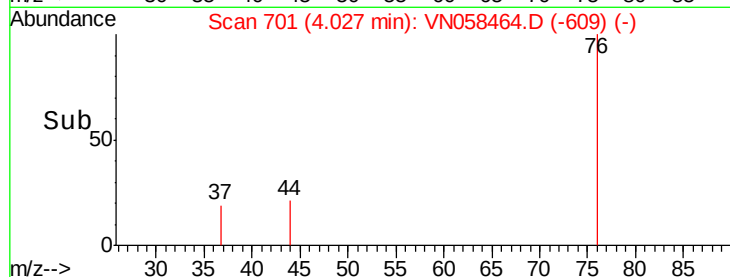
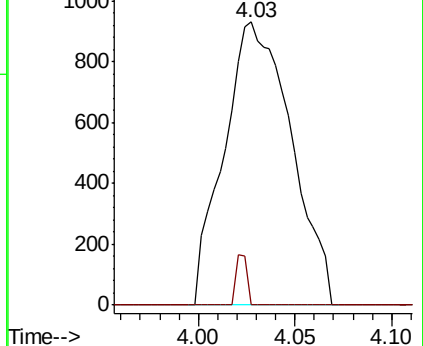
76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.754 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN058464.D

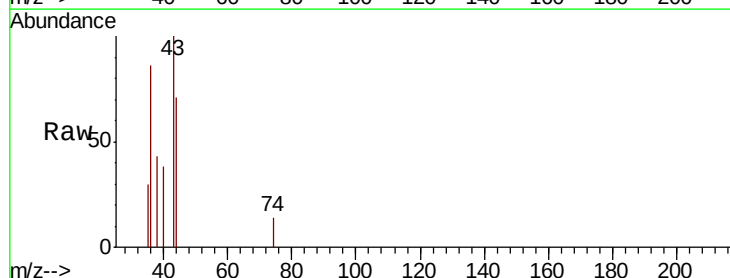
Acq: 1 Oct 2019 14:46

Tgt Ion: 43 Resp: 3871

Ion Ratio Lower Upper

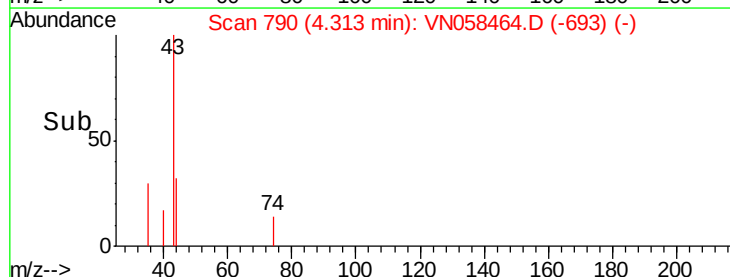
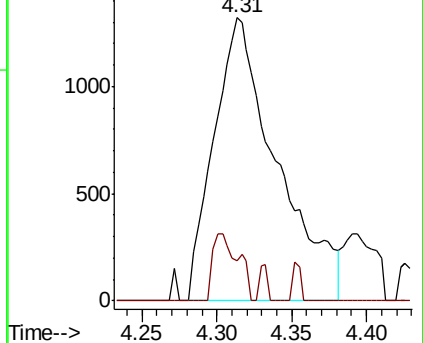
43 100

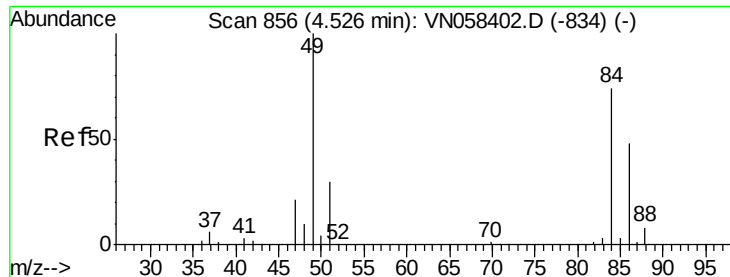
74 9.5 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

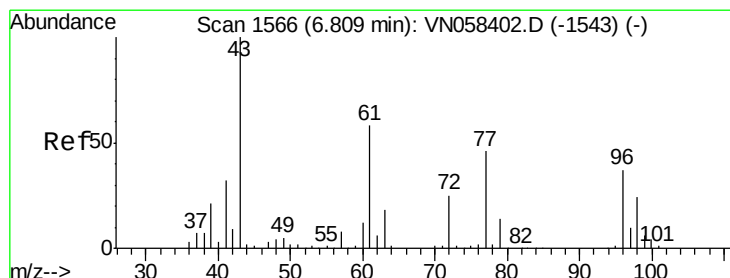
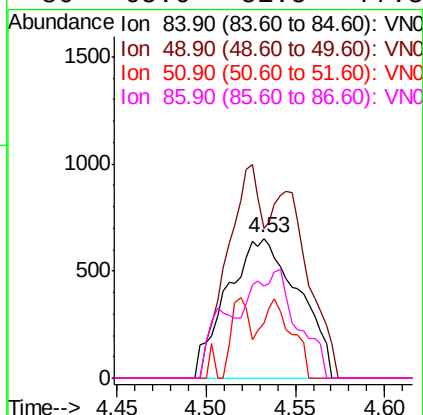
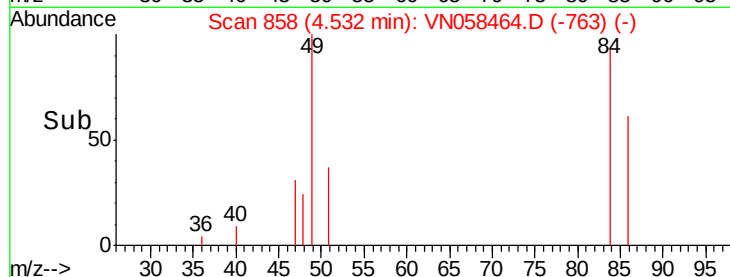
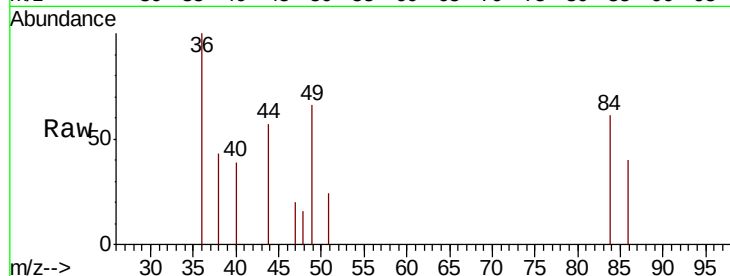




#20
Methylene Chloride
Concen: 0.388 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058464.D
Acq: 1 Oct 2019 14:46

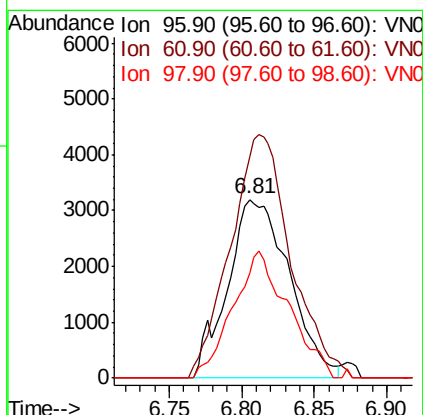
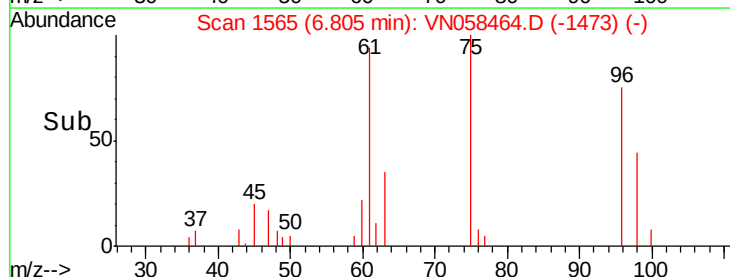
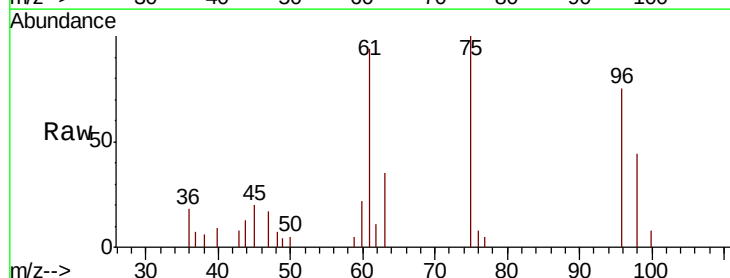
Instrument :
MSVOA_N
ClientSampled :
I.BLK

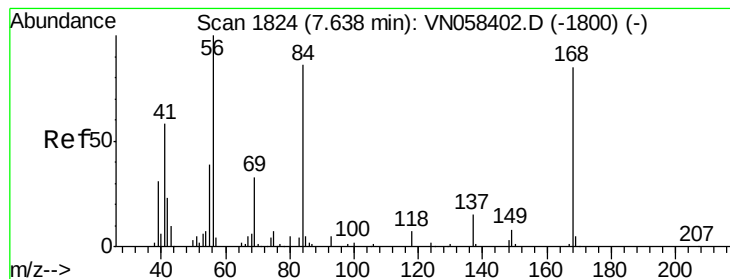
Tot Ion: 84 Resp: 1829
Ion Ratio Lower Upper
84 100
49 107.2 107.9 161.9#
51 39.6 32.8 49.2
86 65.6 51.5 77.3



#27
cis-1,2-Dichloroethene
Concen: 1.884 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN058464.D
Acq: 1 Oct 2019 14:46

Tgt Ion: 96 Resp: 9470
Ion Ratio Lower Upper
96 100
61 133.3 0.0 318.8
98 63.4 0.0 129.8





#31

Cyclohexane

Concen: 1.287 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

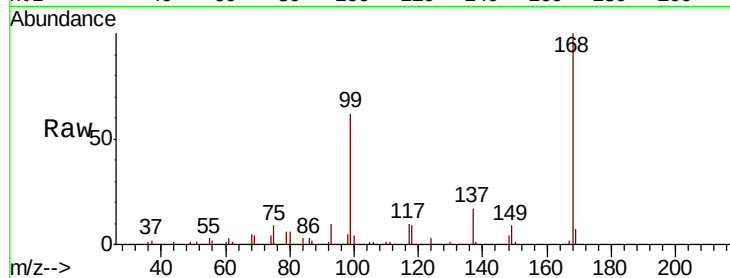
Tot Ion: 56 Resp: 10671

Ion Ratio Lower Upper

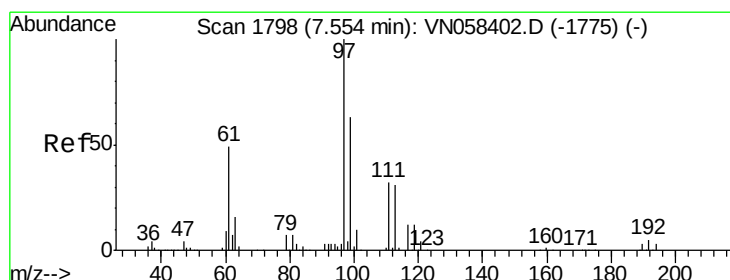
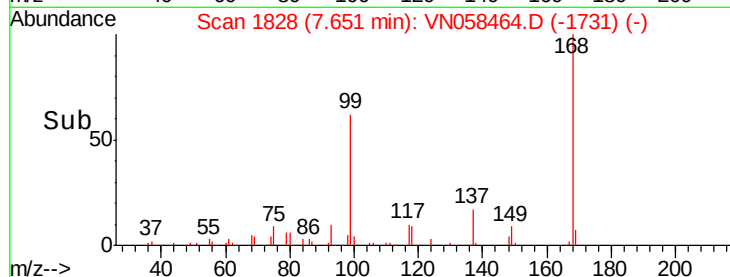
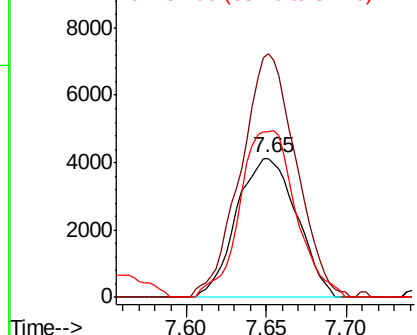
56 100

69 175.3 26.2 39.4#

84 119.0 67.6 101.4#



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



#32

1,1,1-Trichloroethane

Concen: 14.398 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

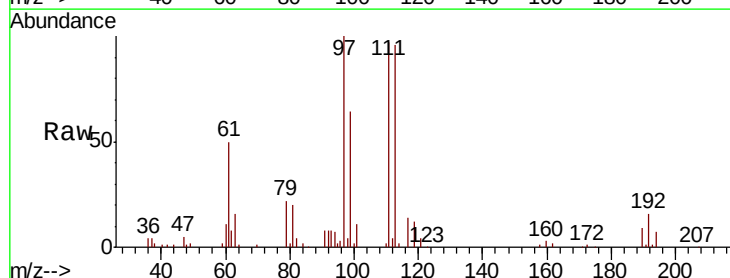
Tgt Ion: 97 Resp: 102111

Ion Ratio Lower Upper

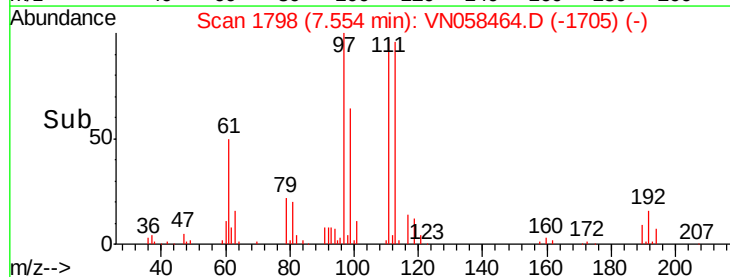
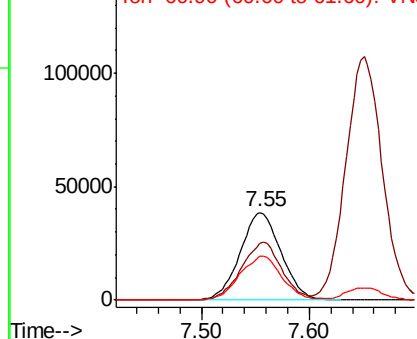
97 100

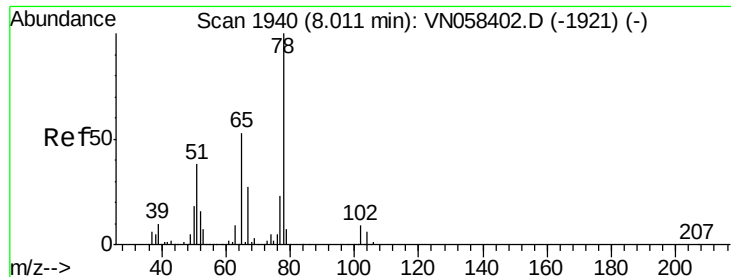
99 64.8 51.1 76.7

61 51.4 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

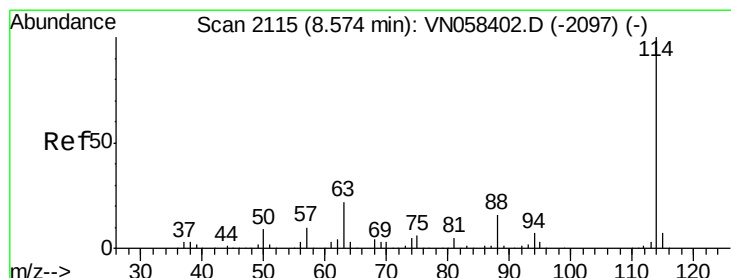
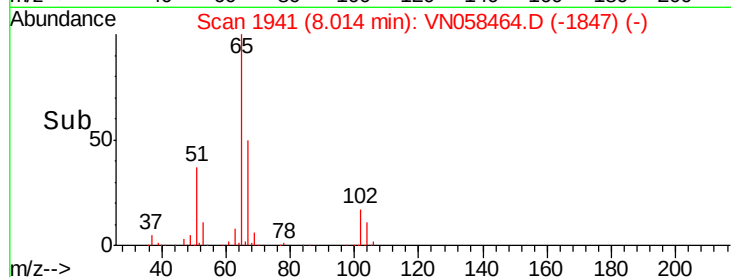
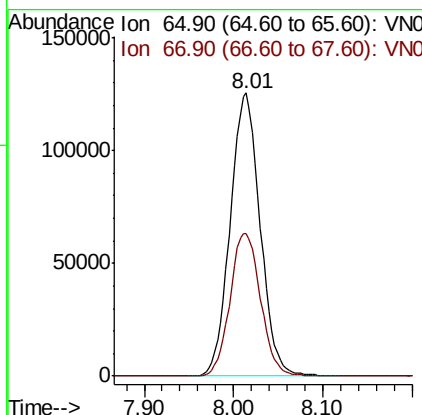
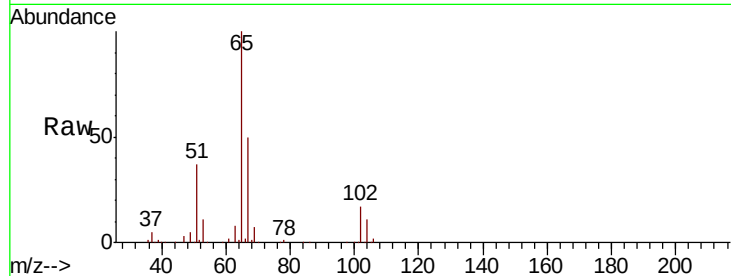




#33
 1,2-Dichloroethane-d4
 Concen: 48.786 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058464.D
 Acq: 1 Oct 2019 14:46

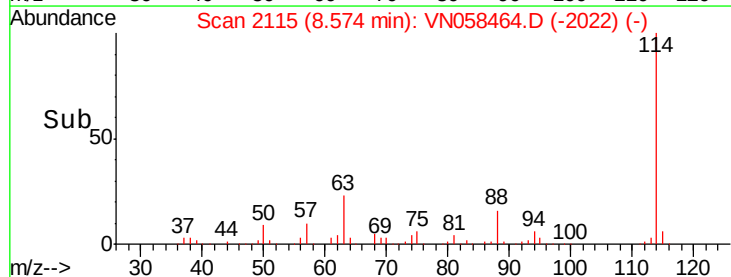
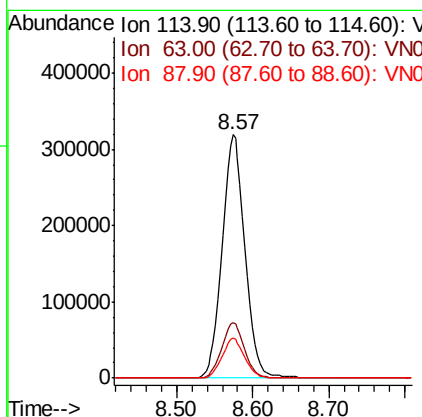
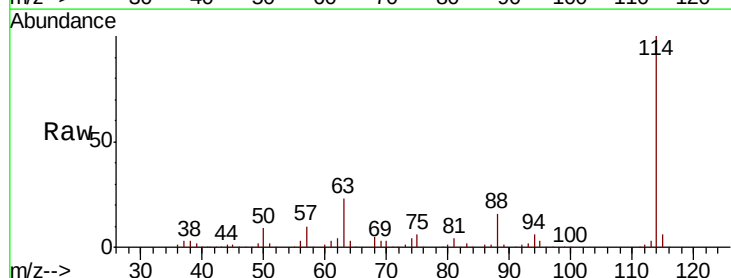
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

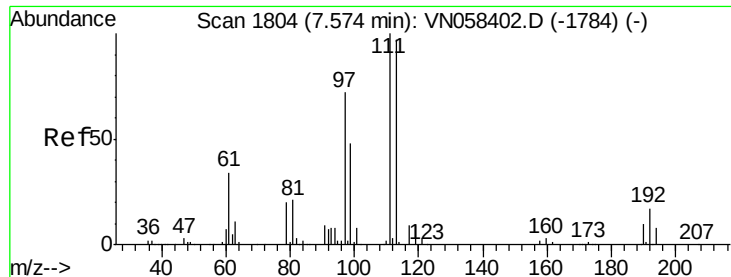
Tot Ion: 65 Resp: 292247
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058464.D
 Acq: 1 Oct 2019 14:46

Tgt Ion: 114 Resp: 665477
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 16.2 0.0 32.2

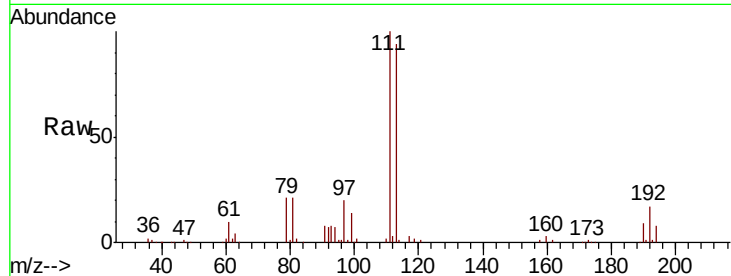




#35
 Dibromofluoromethane
 Concen: 50.945 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058464.D
 Acq: 1 Oct 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	17.9	14.9	22.3

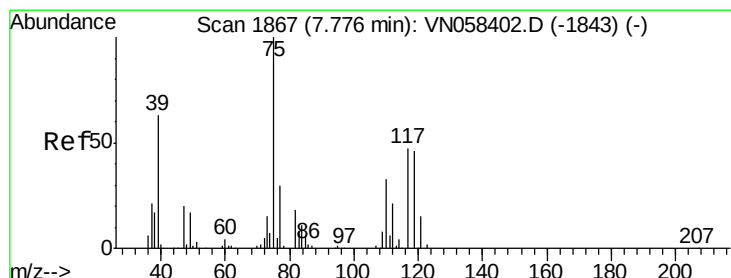
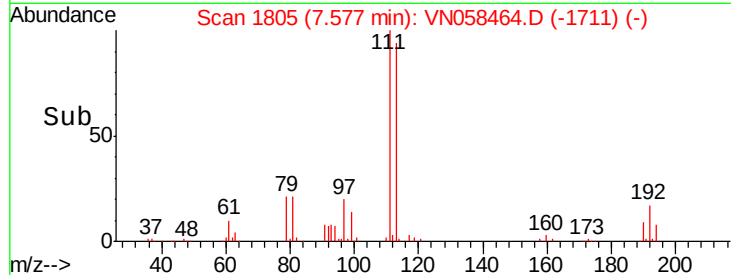
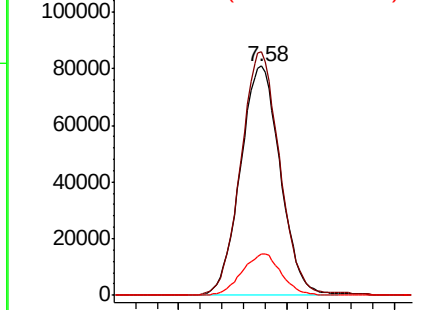


Abundance

Ion 112.80 (112.50 to 113.50): V

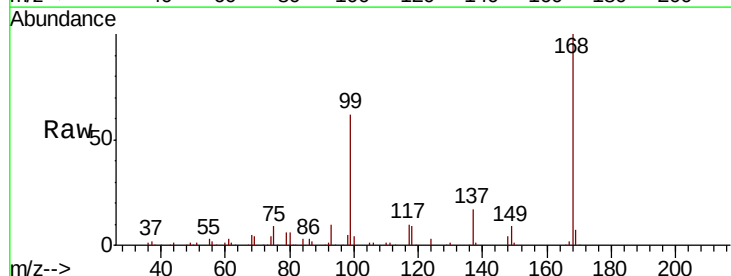
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 5.662 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058464.D
 Acq: 1 Oct 2019 14:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.4	49.2#
77	0.0	24.3	36.5#

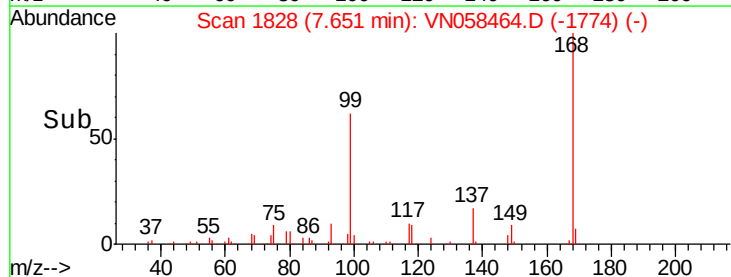
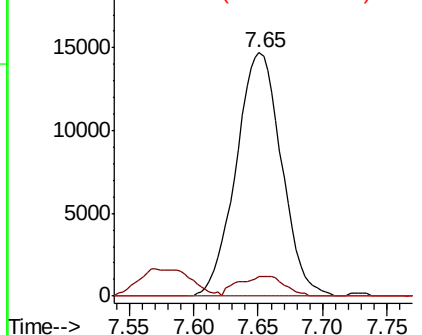


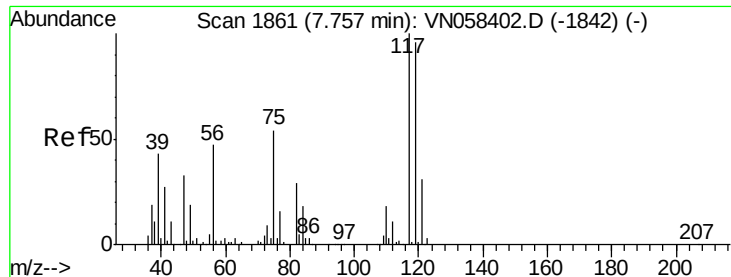
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 7.104 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

I.BLK

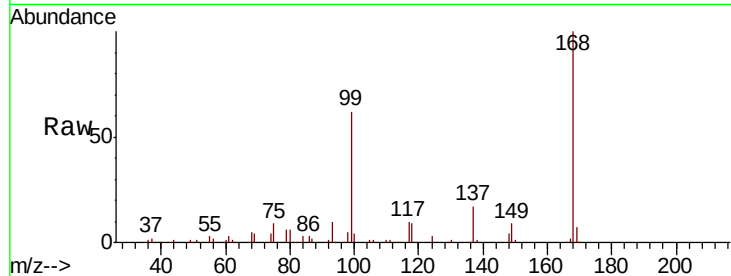
Tot Ion:117 Resp: 40805

Ion Ratio Lower Upper

117 100

119 4.5 76.6 115.0#

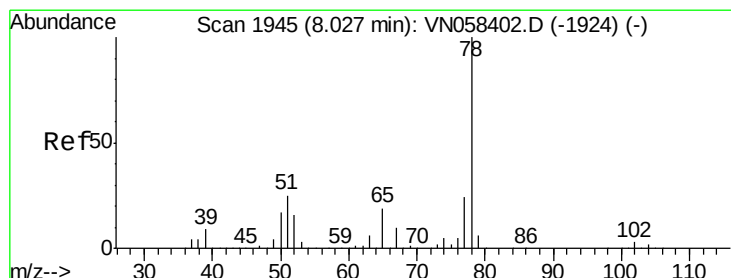
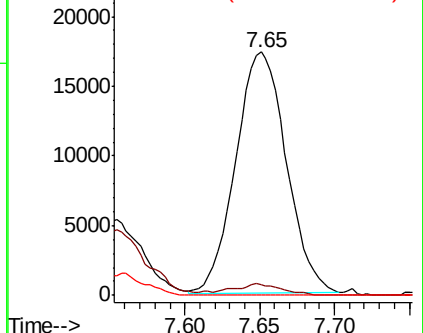
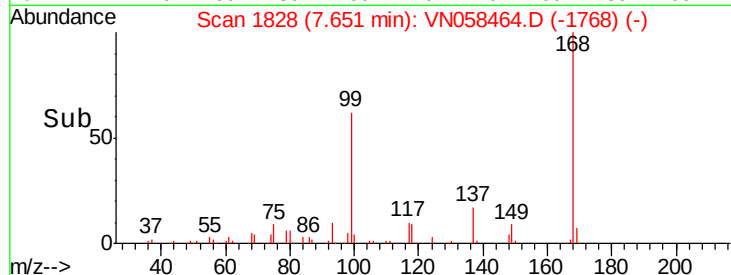
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 0.204 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN058464.D

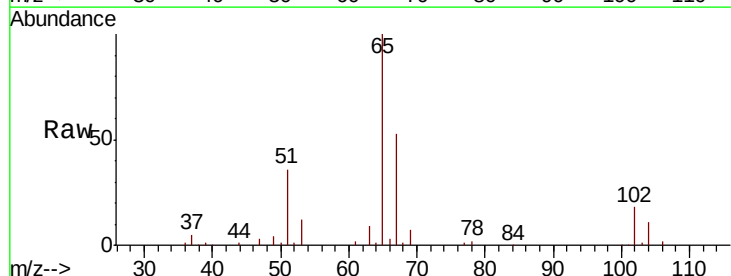
Acq: 1 Oct 2019 14:46

Tgt Ion: 78 Resp: 3733

Ion Ratio Lower Upper

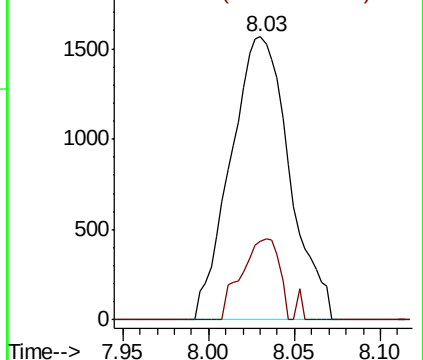
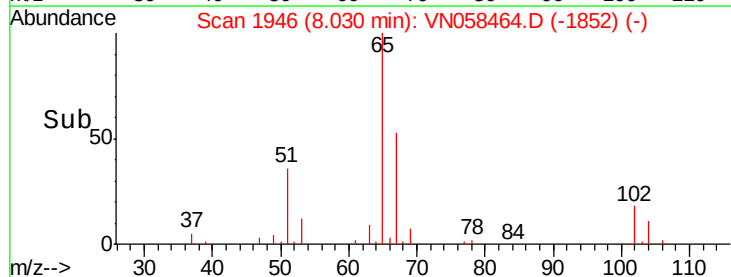
78 100

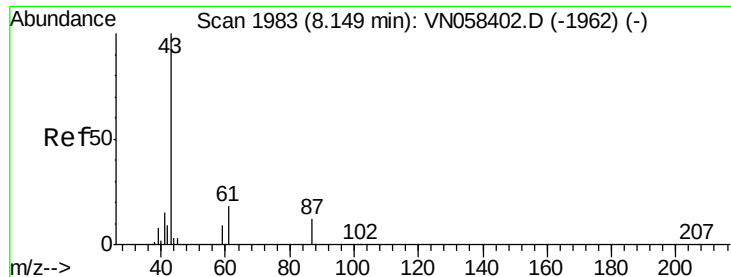
77 27.7 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#43

Isopropyl Acetate

Concen: 2.015 ug/l

RT: 8.25 min Scan# 2014

Delta R.T. 0.10 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

I.BLK

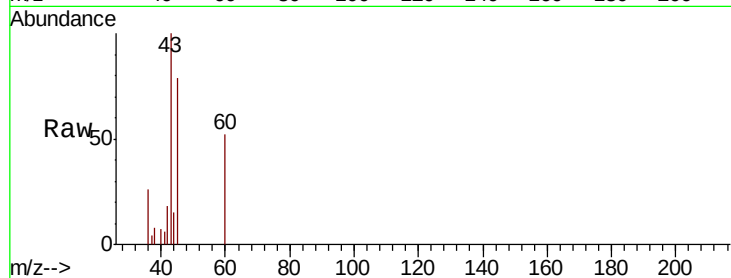
Tot Ion: 43 Resp: 20443

Ion Ratio Lower Upper

43 100

61 0.0 14.8 22.2#

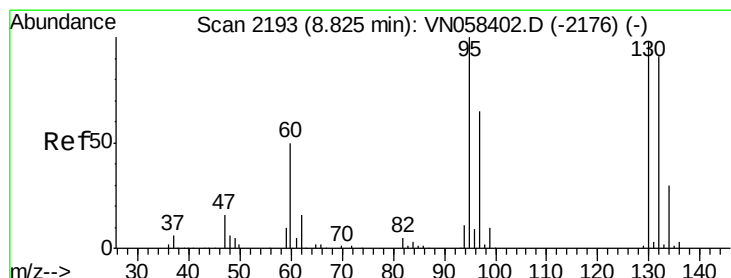
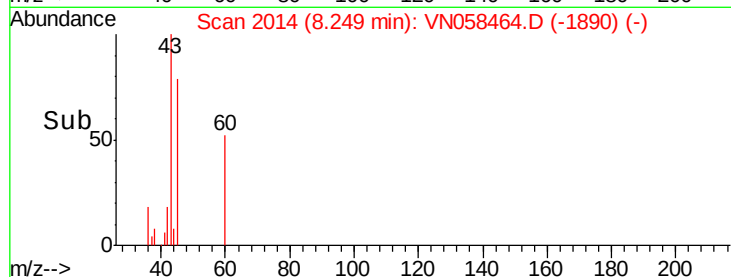
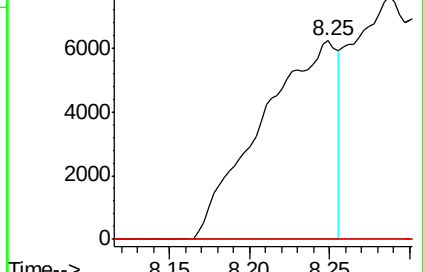
87 0.0 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN058402.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN058402.D (-1962) (-)



#44

Trichloroethene

Concen: 5.175 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058464.D

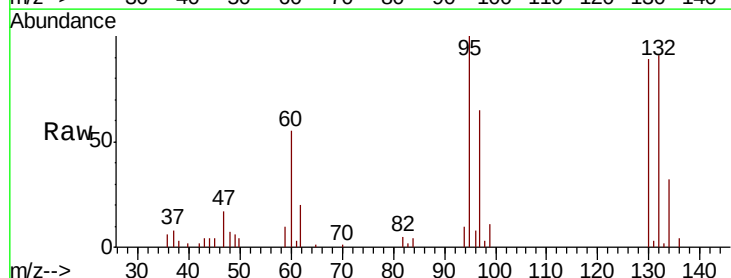
Acq: 1 Oct 2019 14:46

Tgt Ion: 130 Resp: 23371

Ion Ratio Lower Upper

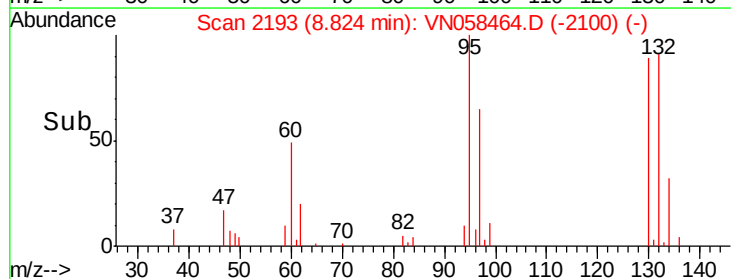
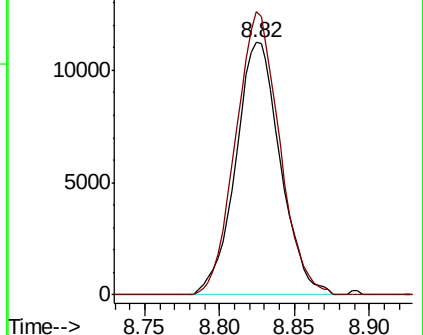
130 100

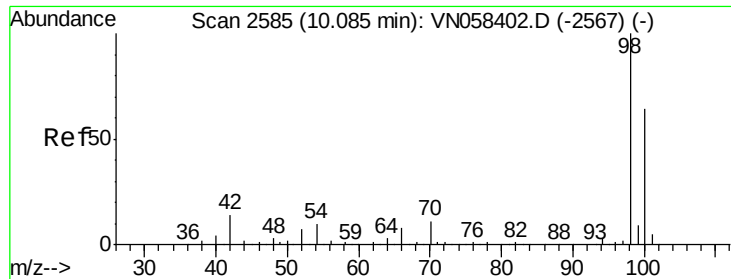
95 112.2 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): VN058402.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058402.D (-2176) (-)

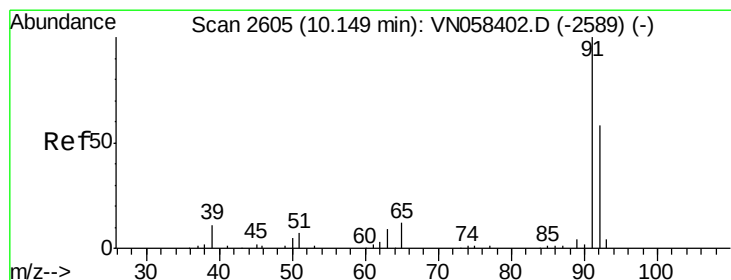
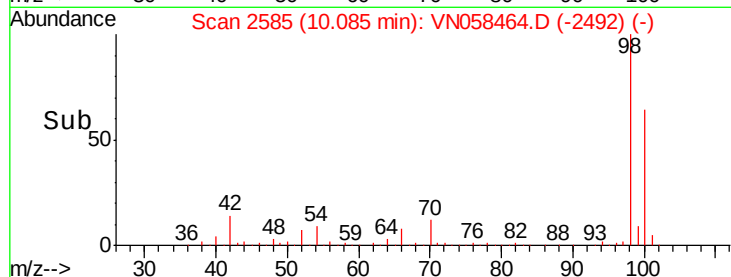
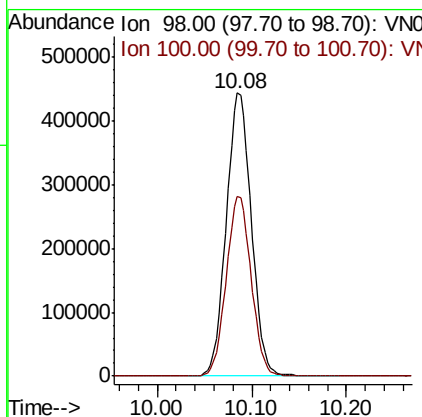
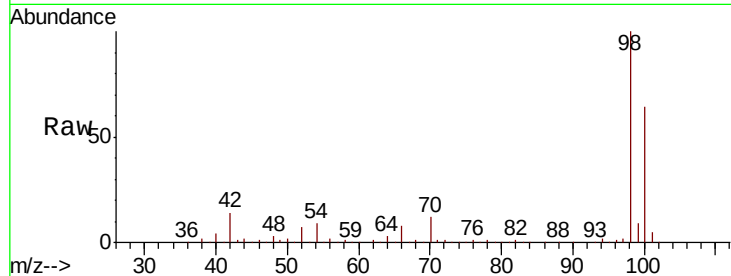




#50
Toluene-d8
Concen: 51.166 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058464.D
Acq: 1 Oct 2019 14:46

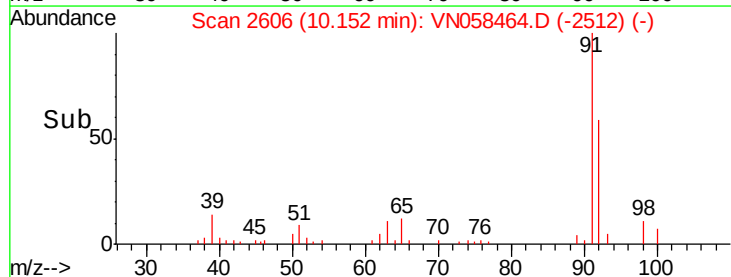
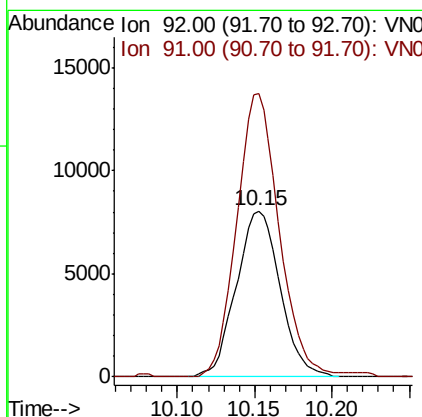
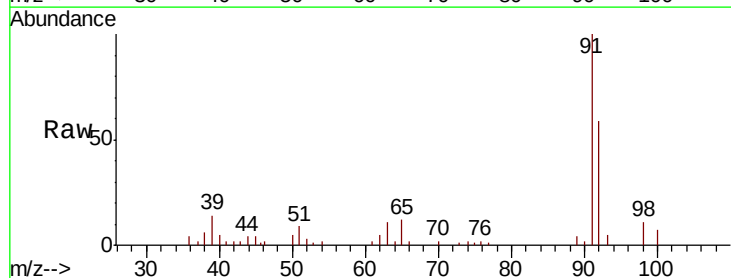
Instrument :
MSVOA_N
ClientSampled :
I.BLK

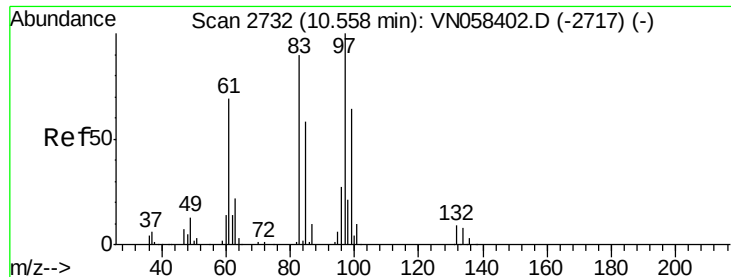
Tot Ion: 98 Resp: 817511
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.6



#52
Toluene
Concen: 1.378 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN058464.D
Acq: 1 Oct 2019 14:46

Tgt Ion: 92 Resp: 15865
Ion Ratio Lower Upper
92 100
91 164.9 140.2 210.4

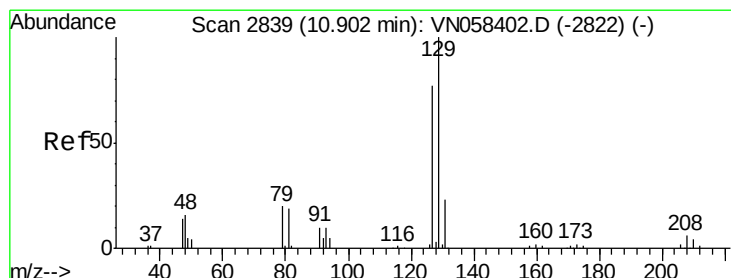
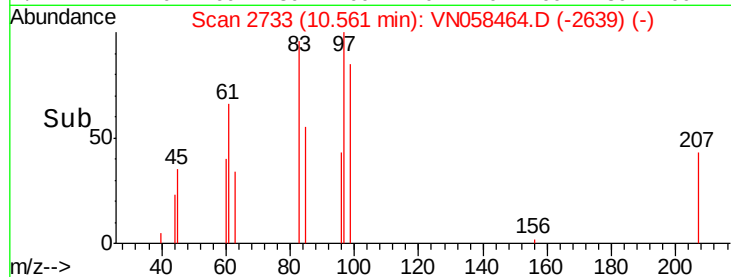
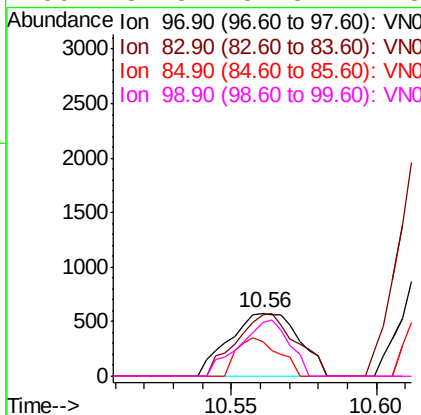
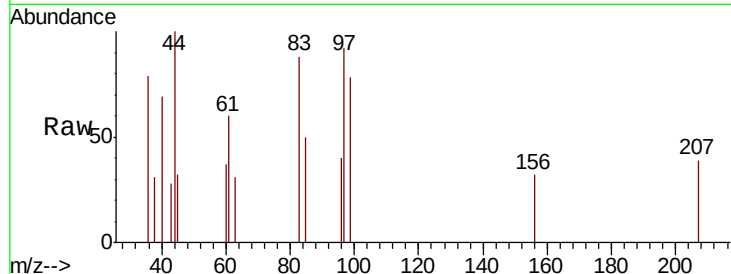




#55
 1,1,2-Trichloroethane
 Concen: 0.230 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058464.D
 Acq: 1 Oct 2019 14:46

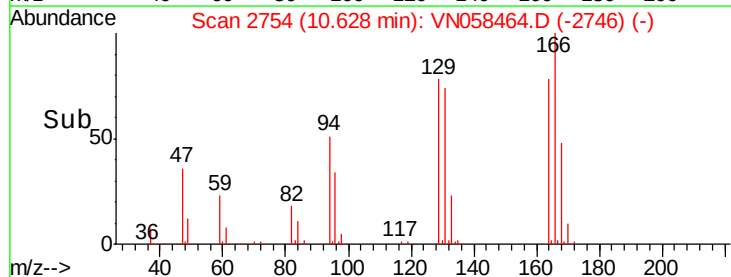
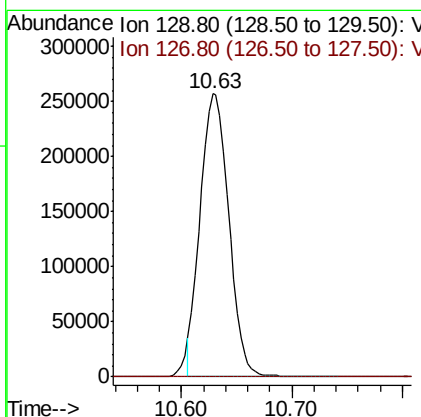
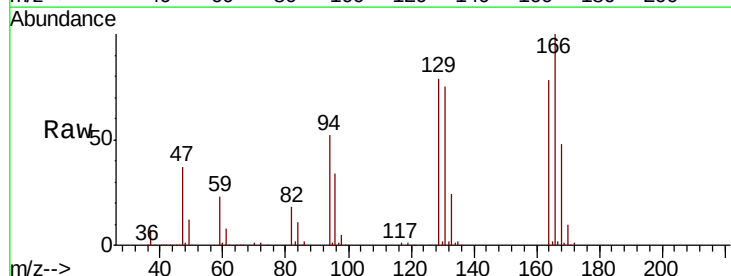
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

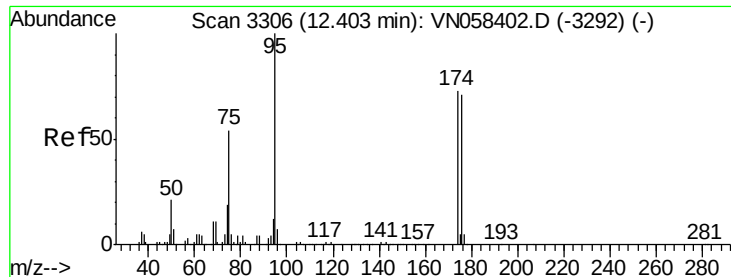
Tot Ion: 97 Resp: 966
 Ion Ratio Lower Upper
 97 100
 83 96.4 71.8 107.6
 85 54.9 46.6 69.8
 99 84.8 51.5 77.3#



#60
 Dibromochloromethane
 Concen: 107.087 ug/l
 RT: 10.63 min Scan# 2754
 Delta R.T. -0.27 min
 Lab File: VN058464.D
 Acq: 1 Oct 2019 14:46

Tgt Ion: 129 Resp: 462128
 Ion Ratio Lower Upper
 129 100
 127 0.1 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 46.387 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

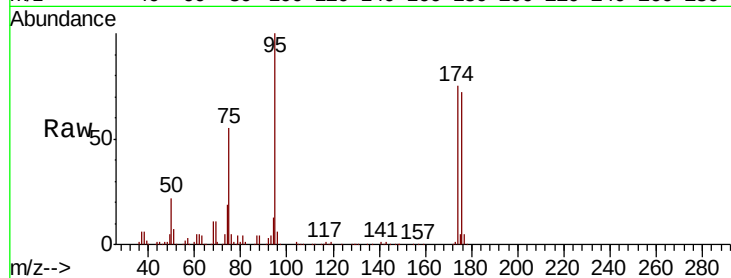
Tot Ion: 95 Resp: 267992

Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.6

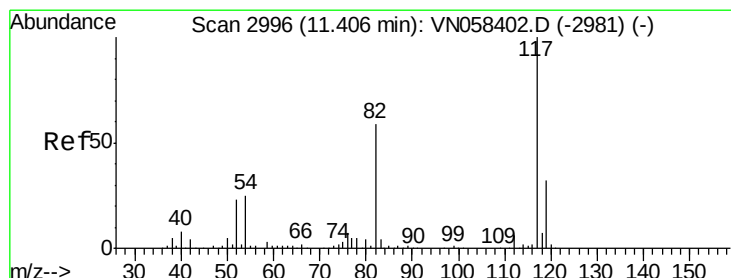
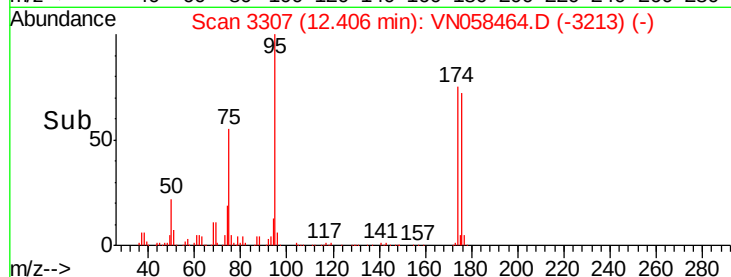
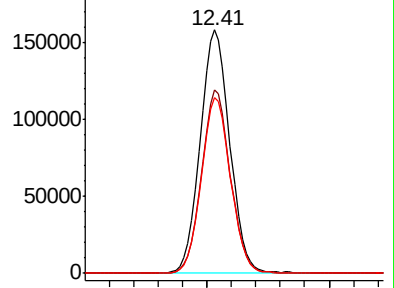
176 71.6 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

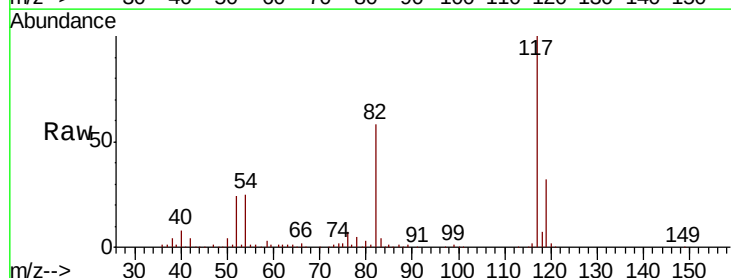
Tgt Ion: 117 Resp: 573482

Ion Ratio Lower Upper

117 100

82 57.8 47.4 71.0

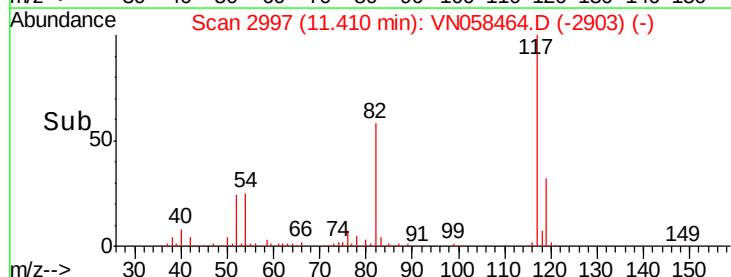
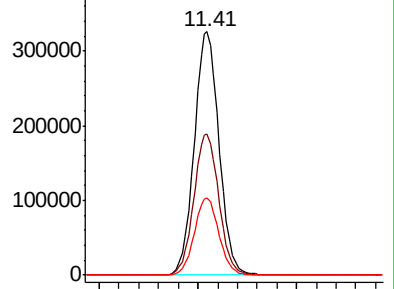
119 31.7 25.5 38.3

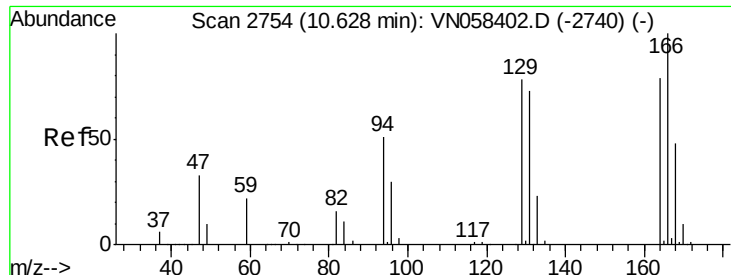


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 129.282 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

I.BLK

Tot Ion:164 Resp: 471041

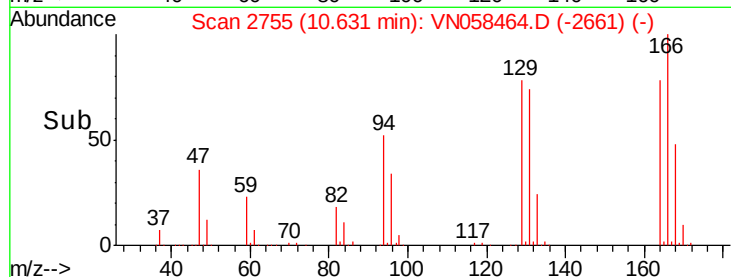
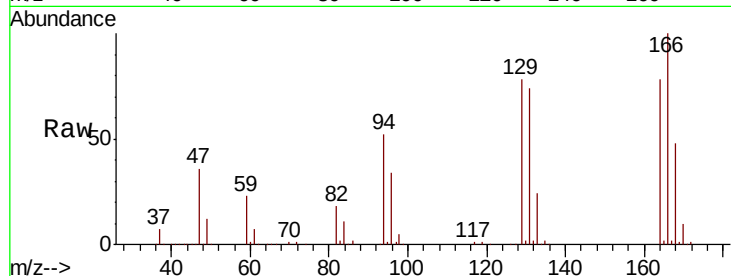
Ion Ratio Lower Upper

164 100

166 127.9 101.1 151.7

129 99.9 79.2 118.8

131 95.2 74.1 111.1

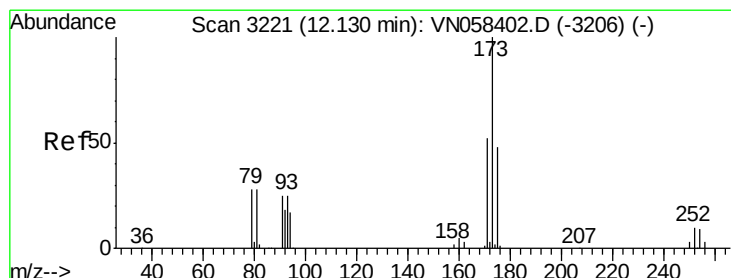
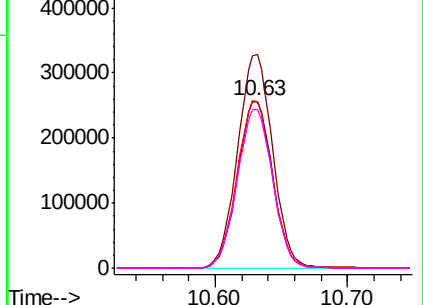


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 0.896 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

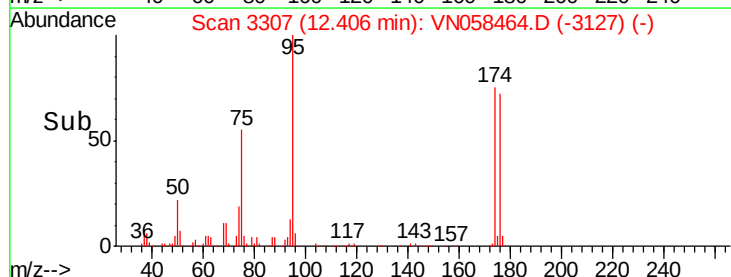
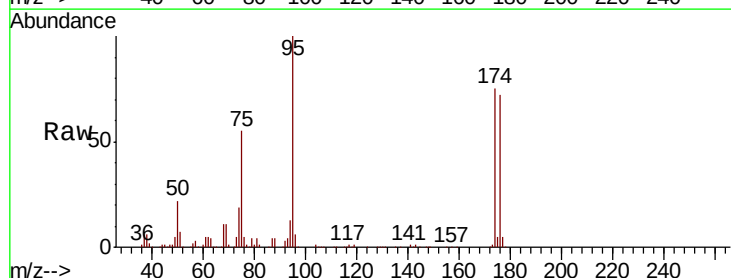
Tgt Ion:173 Resp: 543

Ion Ratio Lower Upper

173 100

175 2282.3 24.3 73.0#

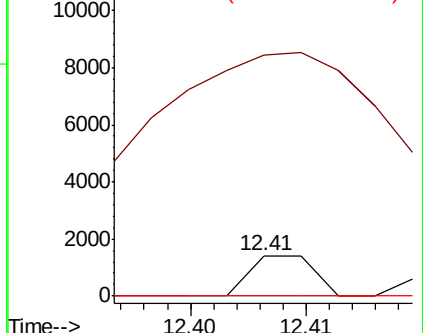
254 0.0 0.1 0.1#

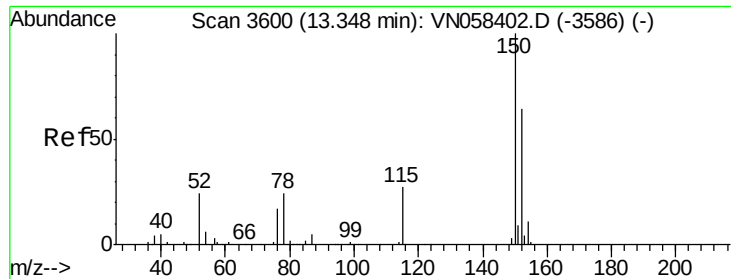


Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

I.BLK

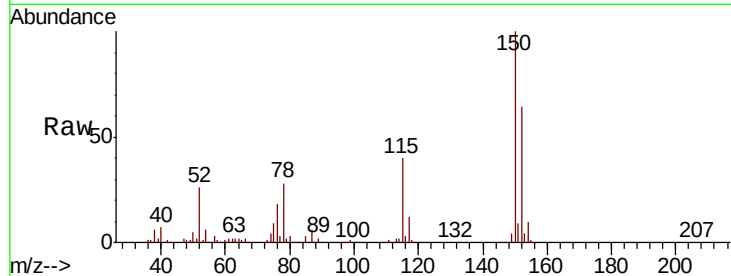
Tot Ion:152 Resp: 225763

Ion Ratio Lower Upper

152 100

115 63.0 30.0 90.0

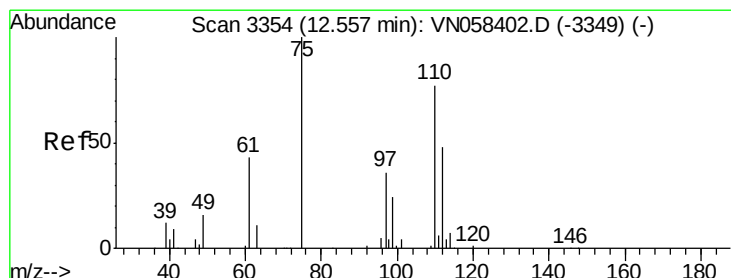
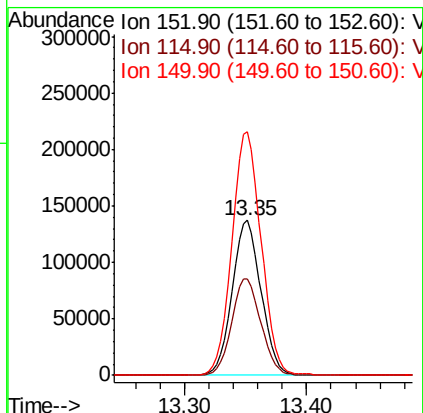
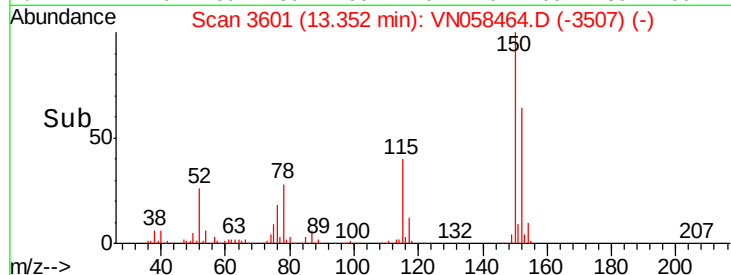
150 158.9 0.0 348.2



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: 35.455 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058464.D

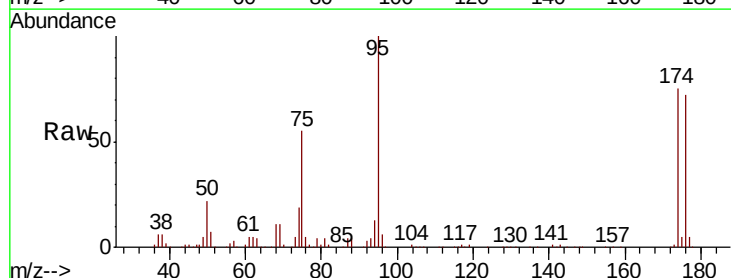
Acq: 1 Oct 2019 14:46

Tgt Ion: 75 Resp: 146200

Ion Ratio Lower Upper

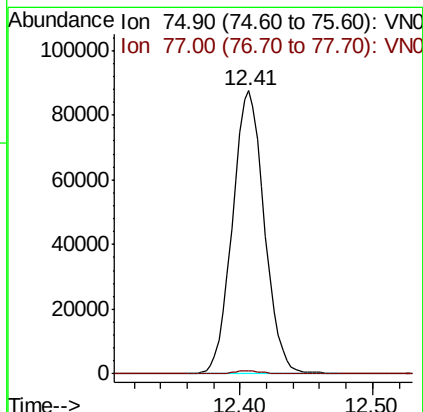
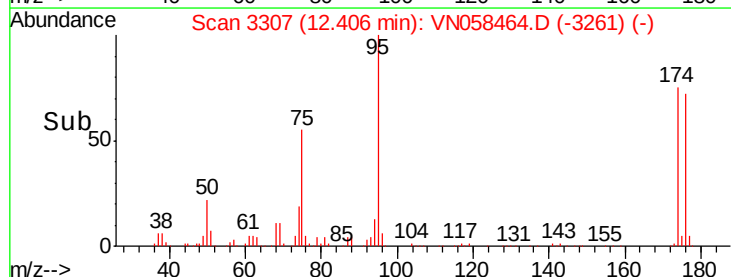
75 100

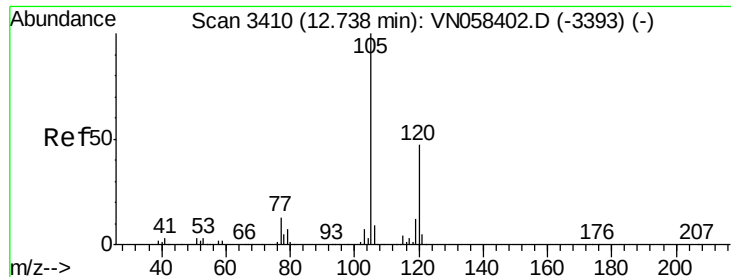
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

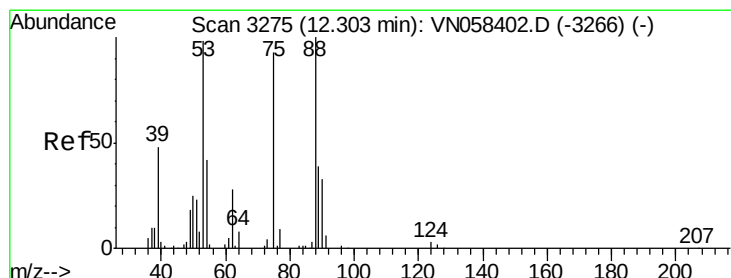
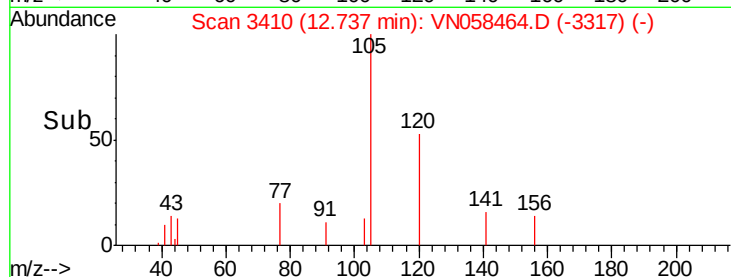
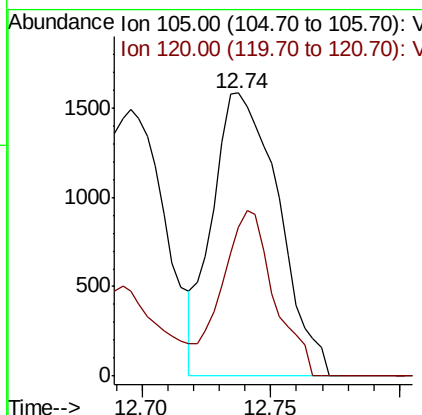
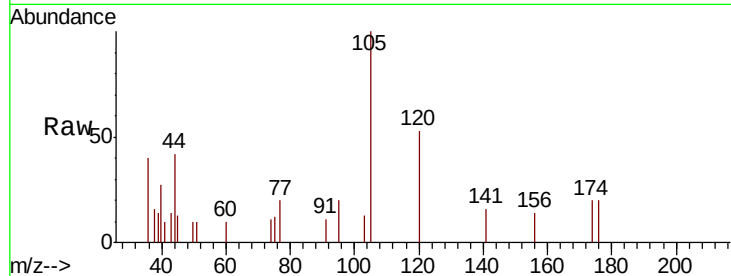




#80
 1,3,5-Trimethylbenzene
 Concen: 0.203 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN058464.D
 Acq: 1 Oct 2019 14:46

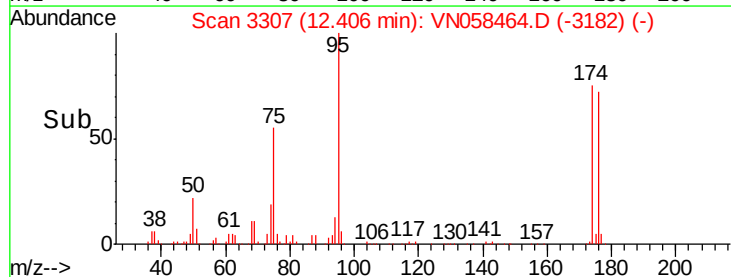
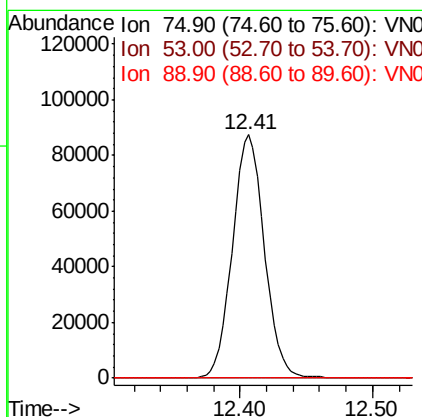
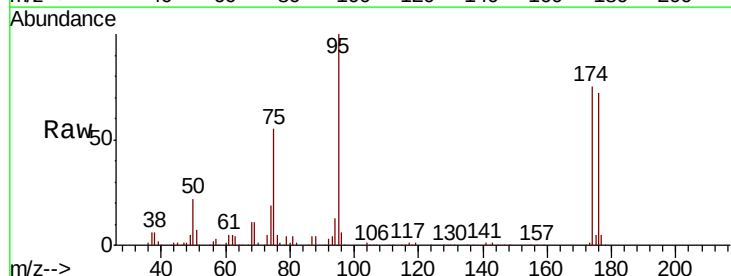
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

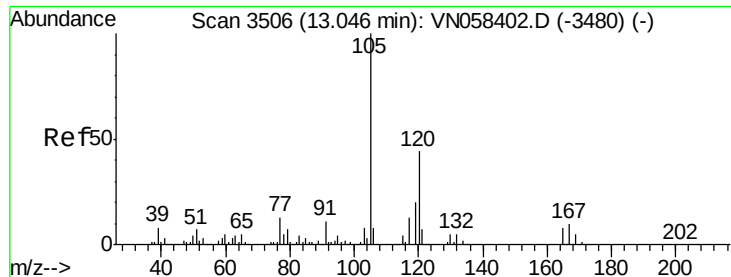
Tot Ion:105 Resp: 2831
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.680 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058464.D
 Acq: 1 Oct 2019 14:46

Tgt Ion: 75 Resp: 146200
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.4 128.0#
 89 0.0 35.0 52.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.702 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

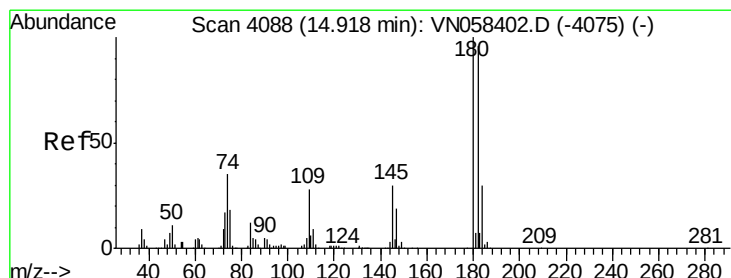
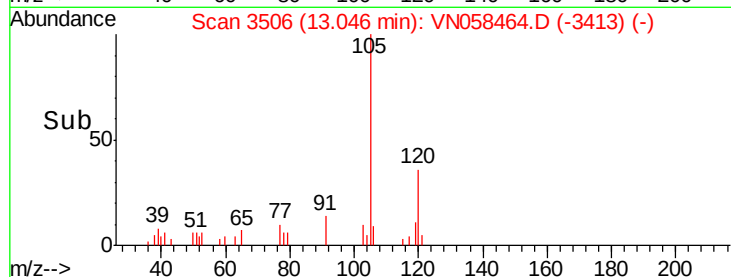
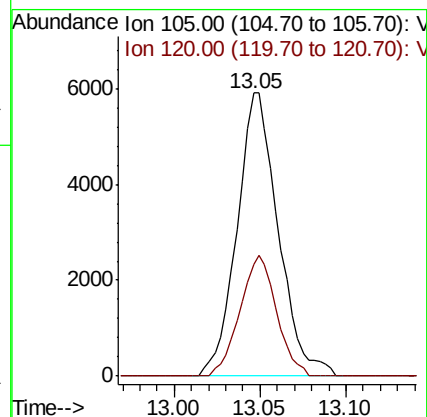
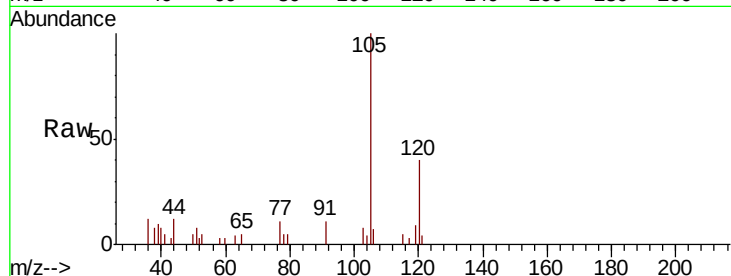
I.BLK

Tot Ion:105 Resp: 9821

Ion Ratio Lower Upper

105 100

120 37.6 21.7 65.1



#93

1,2,4-Trichlorobenzene

Concen: 0.354 ug/l

RT: 14.93 min Scan# 4092

Delta R.T. 0.01 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

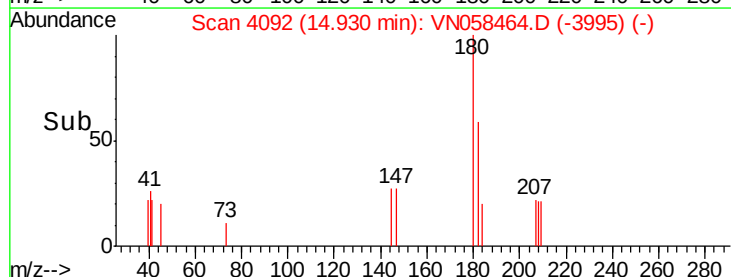
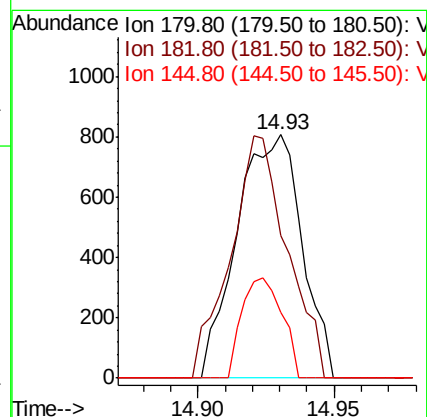
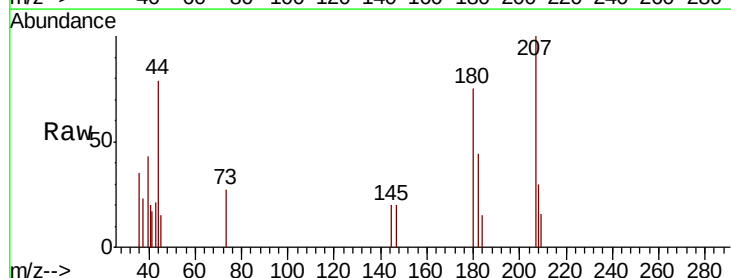
Tgt Ion:180 Resp: 1335

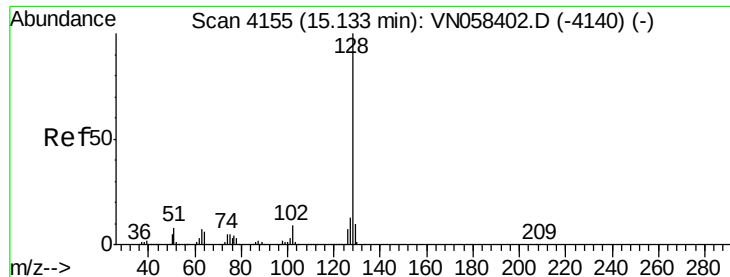
Ion Ratio Lower Upper

180 100

182 86.7 47.4 142.3

145 25.5 15.3 45.9





#95

Naphthalene

Concen: 1.117 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

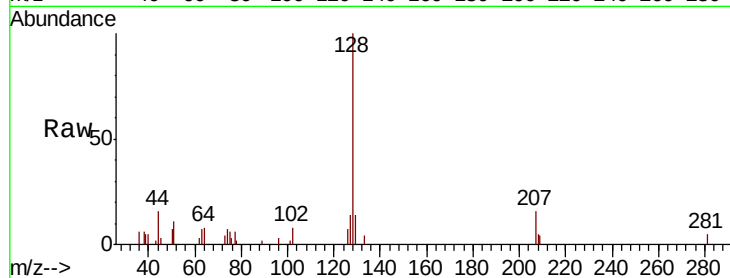
Tot Ion:128 Resp: 12640

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 10.7 8.3 12.5



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

