

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056770.D
 Acq On : 16 Jul 2019 15:46
 Operator : JC/SP
 Sample : K3847-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Jul 17 01:09:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	255688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	459919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	469466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167111	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	149983	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
35) Dibromofluoromethane	7.59	113	139024	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
50) Toluene-d8	10.09	98	571138	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.40	95	202191	54.24	ug/l	0.00
Spiked Amount			Recovery	=	108.48%	

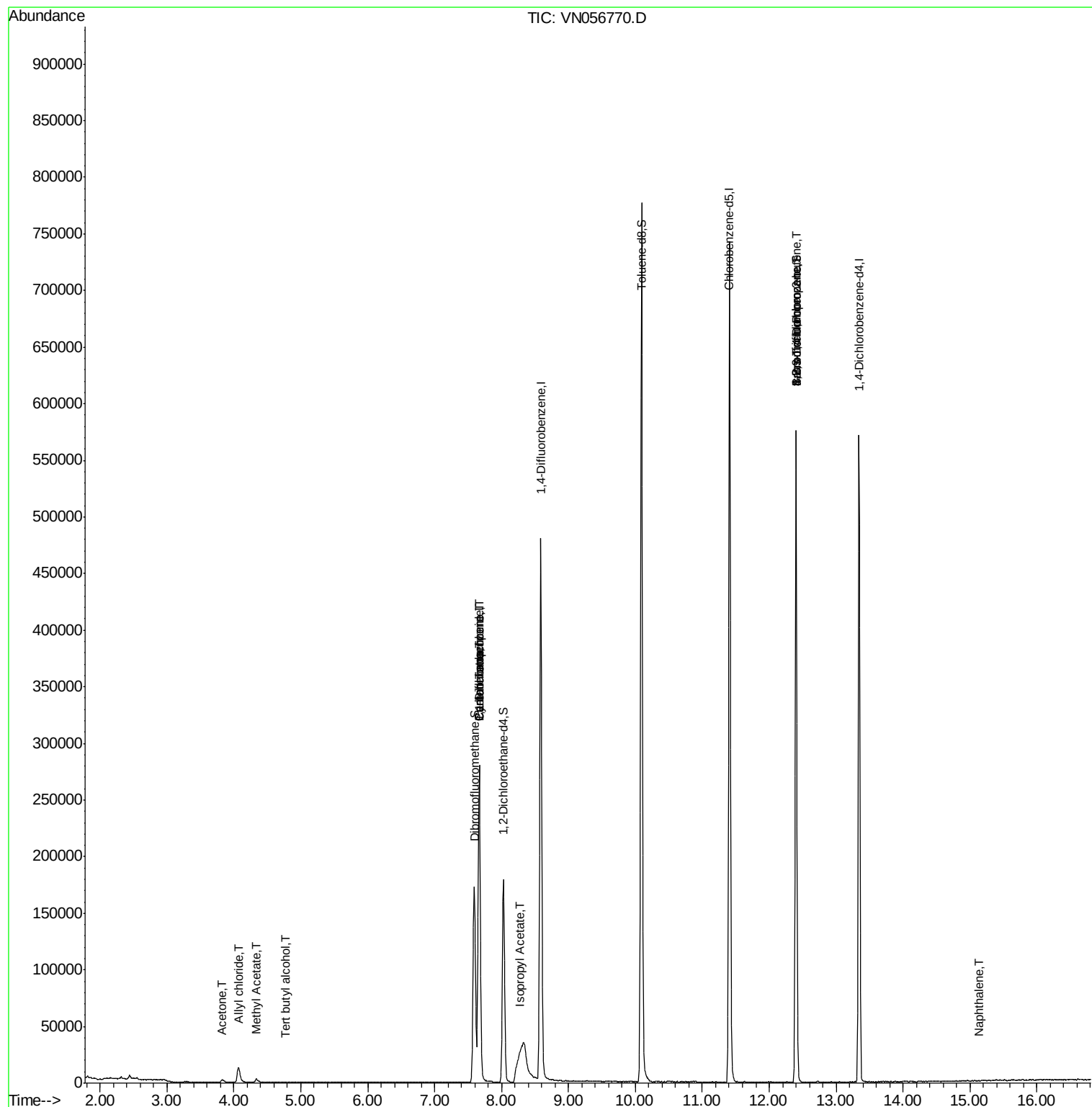
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	276	0.586	ug/l #	73
14) Allyl chloride	4.08	41	2142	0.515	ug/l #	72
16) Acetone	3.83	43	5020	3.852	ug/l	98
18) Methyl Acetate	4.34	43	5817	1.034	ug/l #	77
31) Cyclohexane	7.66	56	4305	0.952	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	17043	4.005	ug/l #	46
38) Carbon Tetrachloride	7.66	117	22646	5.674	ug/l #	17
43) Isopropyl Acetate	8.27	43	31078	4.713	ug/l #	54
71) Bromoform	12.40	173	1057	0.393	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	92667	25.354	ug/l #	100
79) 2-Chlorotoluene	12.40	91	593	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	92667	78.301	ug/l #	13
95) Naphthalene	15.14	128	212	4.547	ug/l #	69

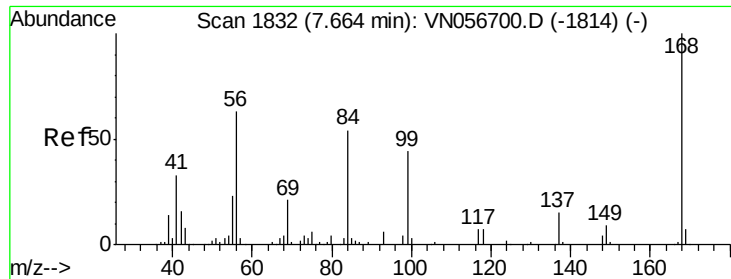
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071619\
Data File : VN056770.D
Acq On : 16 Jul 2019 15:46
Operator : JC/SP
Sample : K3847-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Quant Time: Jul 17 01:09:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 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: VN056770.D

Acq: 16 Jul 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

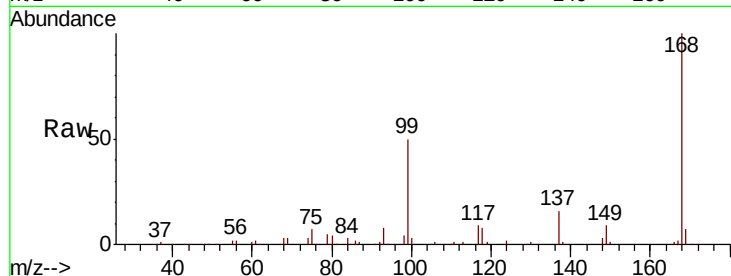
MW-2

Tot Ion:168 Resp: 255688

Ion Ratio Lower Upper

168 100

99 49.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056770.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN056770.D (-1814) (-)

7.67

120000

100000

80000

60000

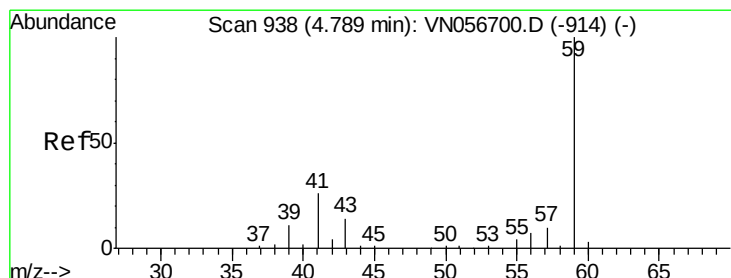
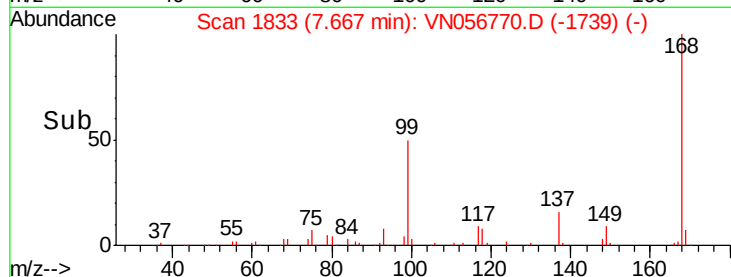
40000

20000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.586 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.02 min

Lab File: VN056770.D

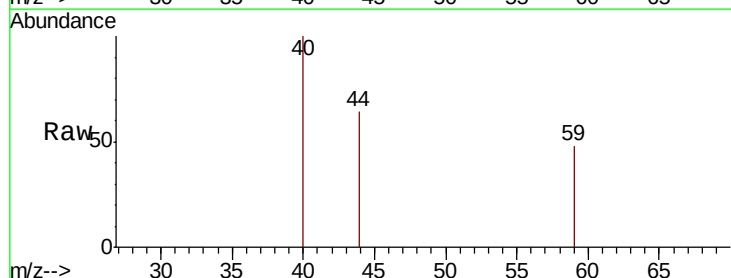
Acq: 16 Jul 2019 15:46

Tgt Ion: 59 Resp: 276

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VN056770.D (-914) (-)

Ion 57.00 (56.70 to 57.70): VN056770.D (-914) (-)

4.77

250

200

150

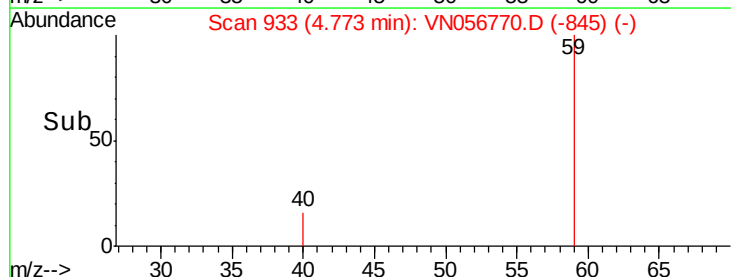
100

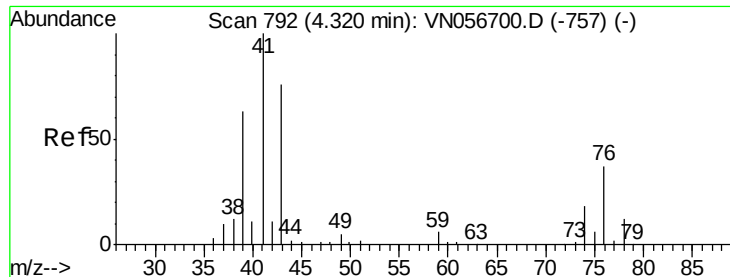
50

0

4.75 4.76 4.77 4.78 4.79

Time-->

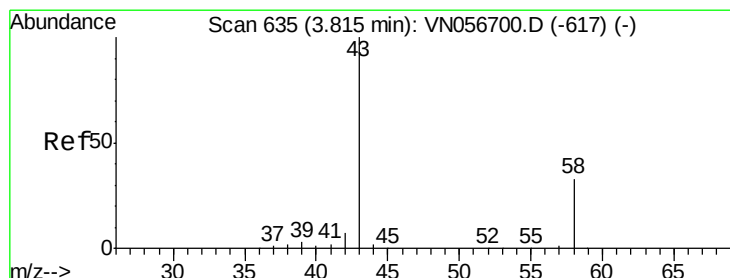
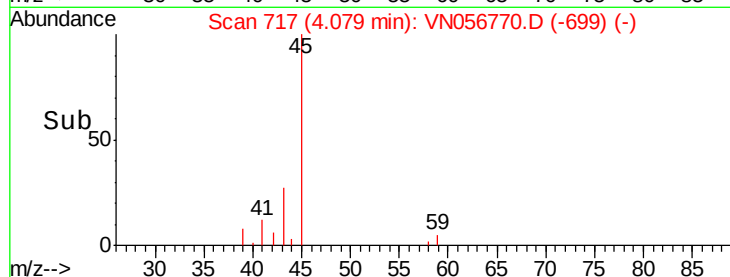
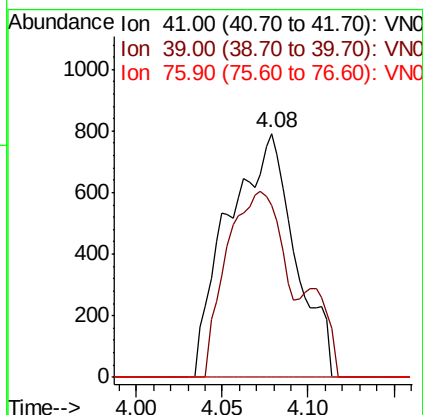
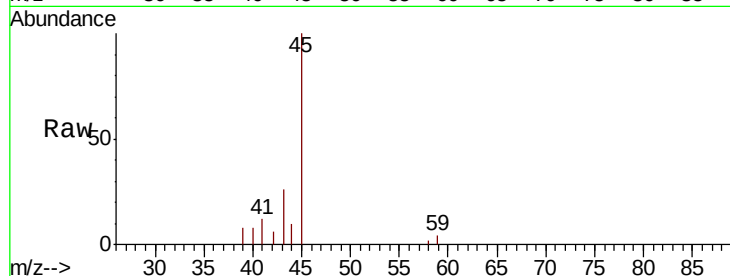




#14
Allvl chloride
Concen: 0.515 ug/l
RT: 4.08 min Scan# 717
Delta R.T. -0.24 min
Lab File: VN056770.D
Acq: 16 Jul 2019 15:46

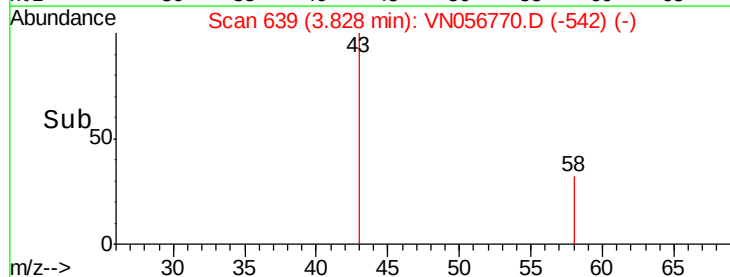
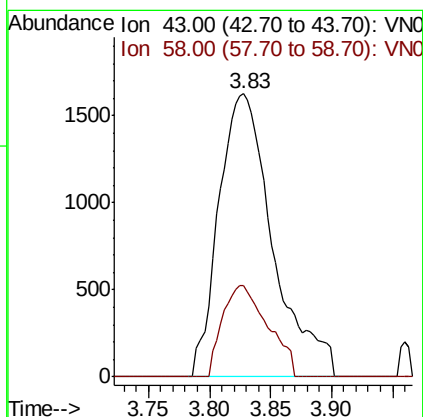
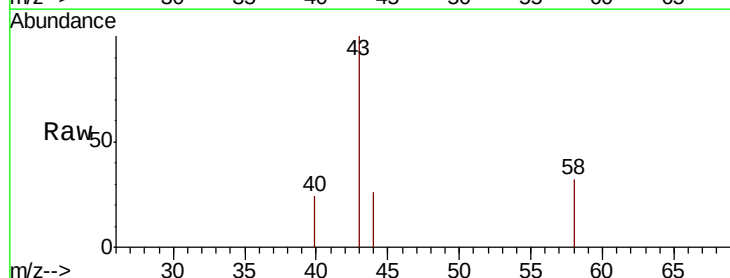
Instrument :
MSVOA_N
ClientSampled :
MW-2

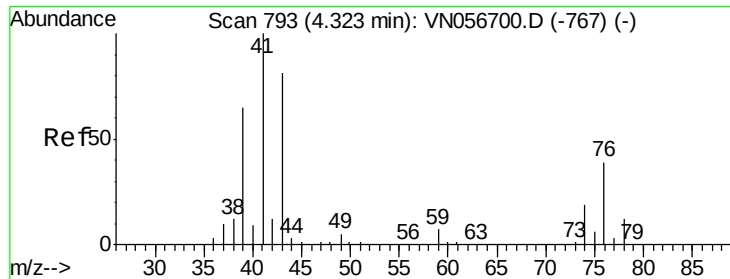
Tot Ion: 41 Resp: 2142
Ion Ratio Lower Upper
41 100
39 66.3 46.9 70.3
76 0.0 26.5 39.7#



#16
Acetone
Concen: 3.852 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN056770.D
Acq: 16 Jul 2019 15:46

Tgt Ion: 43 Resp: 5020
Ion Ratio Lower Upper
43 100
58 32.3 26.7 40.1

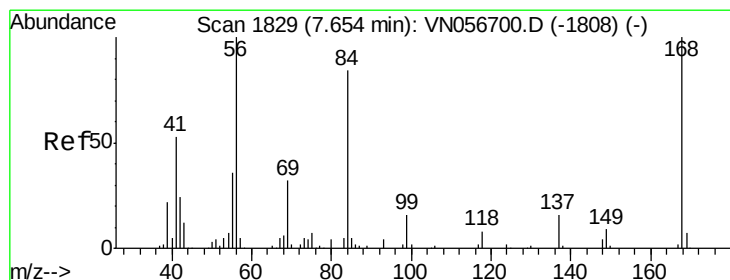
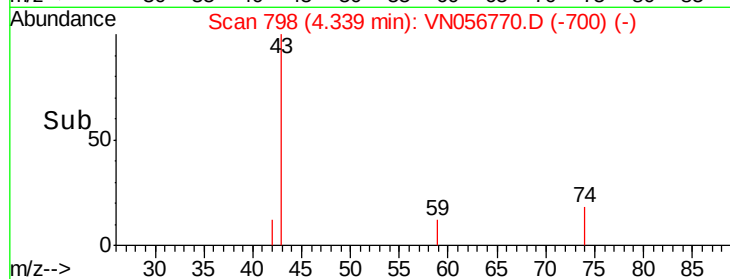
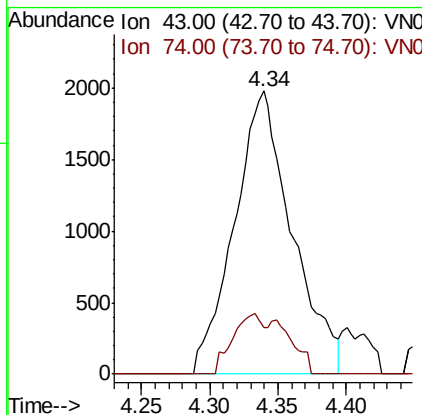
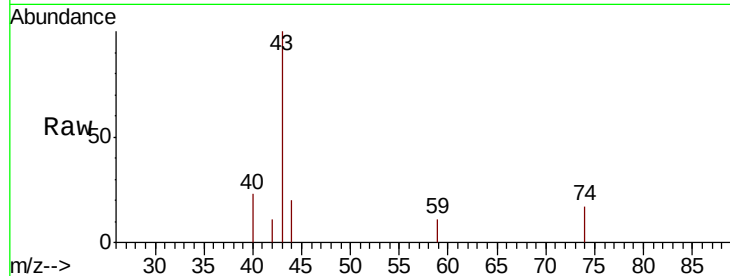




#18
Methvl Acetate
Concen: 1.034 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.02 min
Lab File: VN056770.D
Acq: 16 Jul 2019 15:46

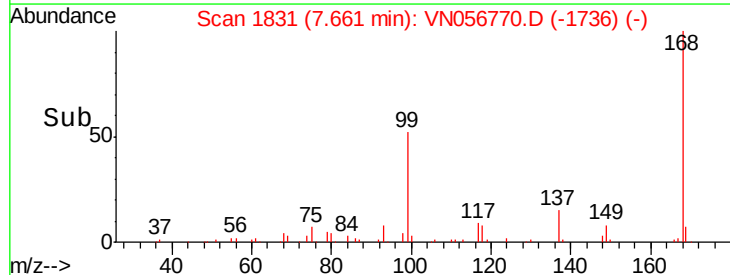
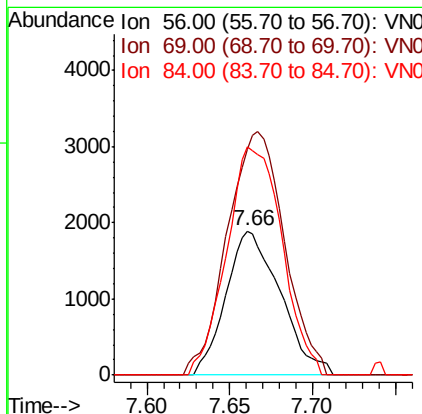
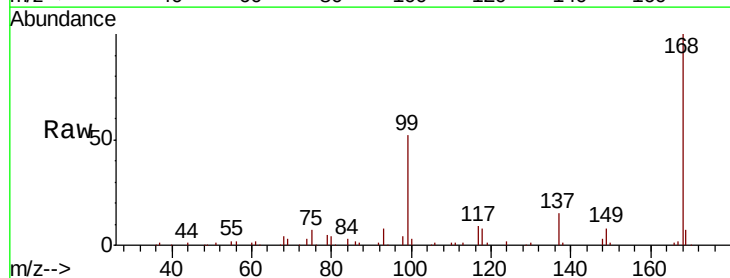
Instrument :
MSVOA_N
ClientSampleId :
MW-2

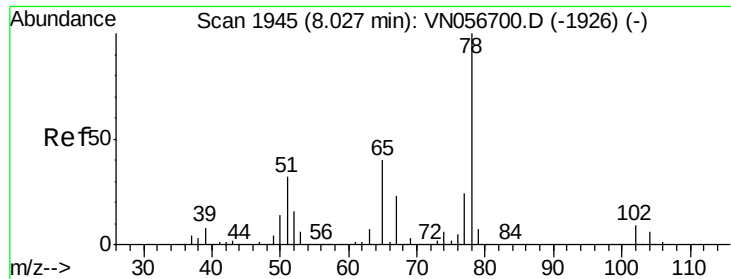
Tot Ion: 43 Resp: 5817
Ion Ratio Lower Upper
43 100
74 12.2 18.9 28.3#



#31
Cyclohexane
Concen: 0.952 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN056770.D
Acq: 16 Jul 2019 15:46

Tgt Ion: 56 Resp: 4305
Ion Ratio Lower Upper
56 100
69 156.6 25.8 38.8#
84 157.8 67.4 101.0#

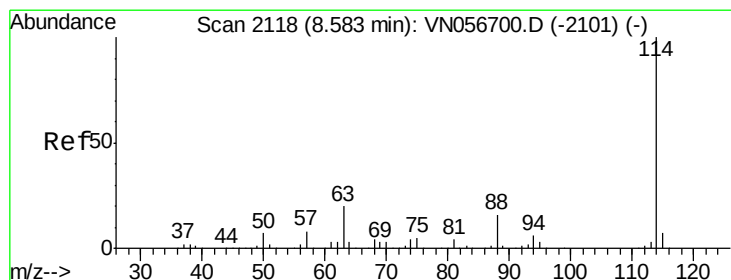
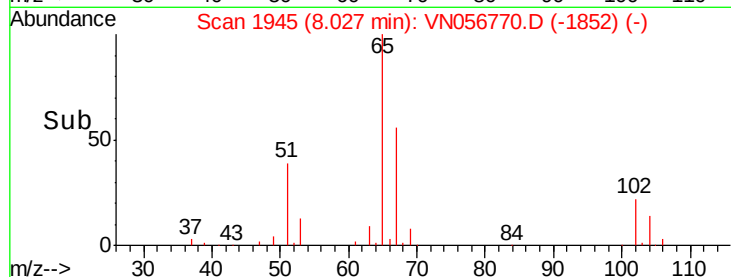
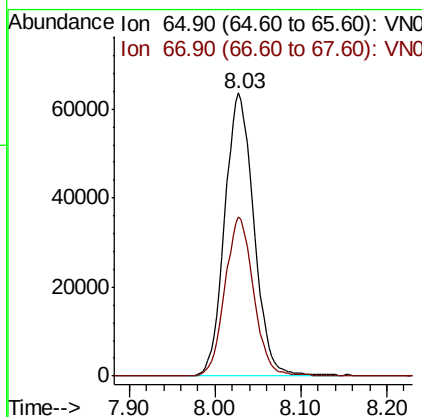
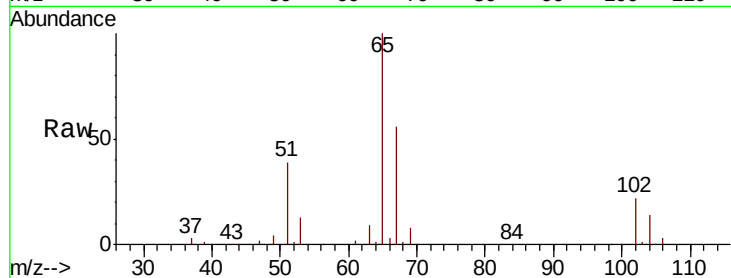




#33
 1,2-Dichloroethane-d4
 Concen: 53.030 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056770.D
 Acq: 16 Jul 2019 15:46

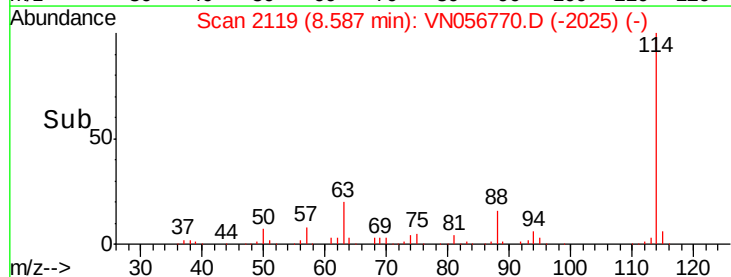
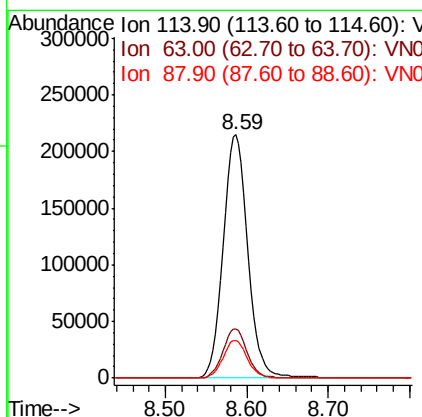
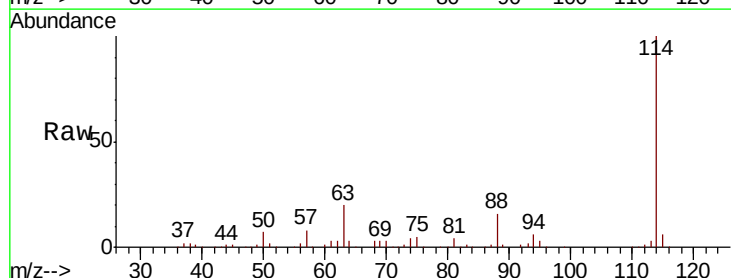
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

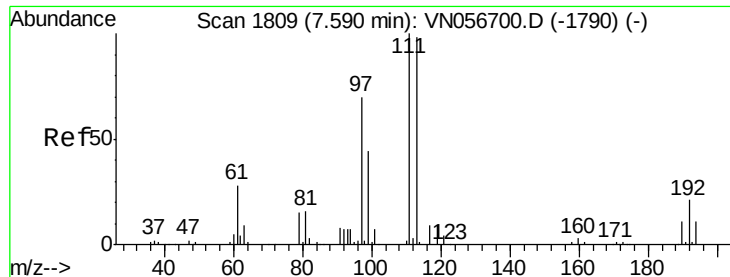
Tot Ion: 65 Resp: 149983
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056770.D
 Acq: 16 Jul 2019 15:46

Tgt Ion: 114 Resp: 459919
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 15.6 0.0 31.2

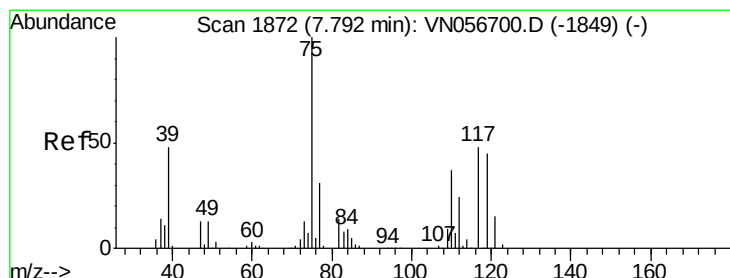
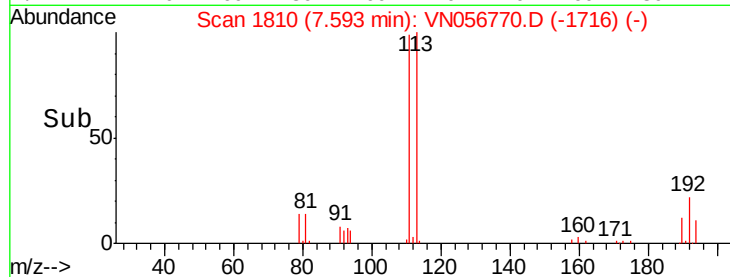
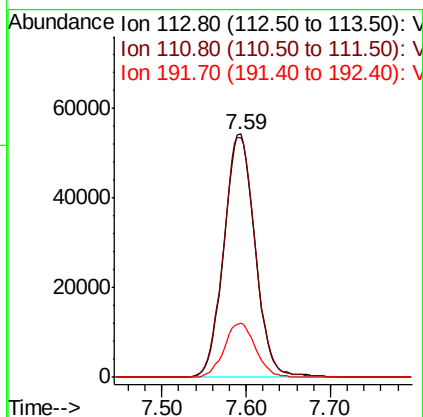
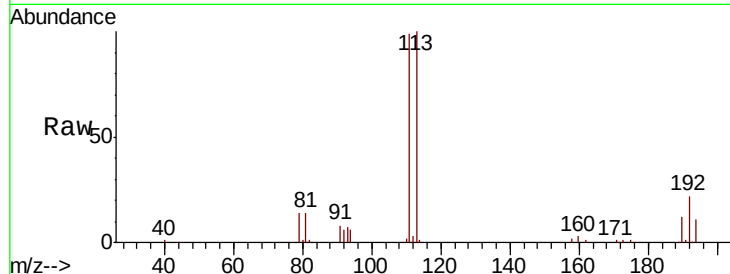




#35
 Dibromofluoromethane
 Concen: 48.573 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056770.D
 Acq: 16 Jul 2019 15:46

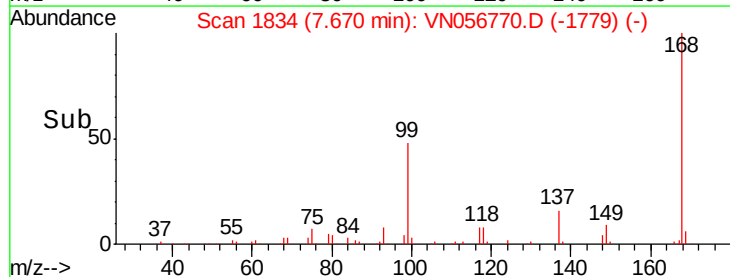
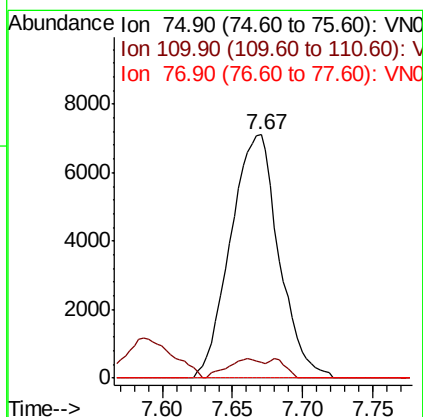
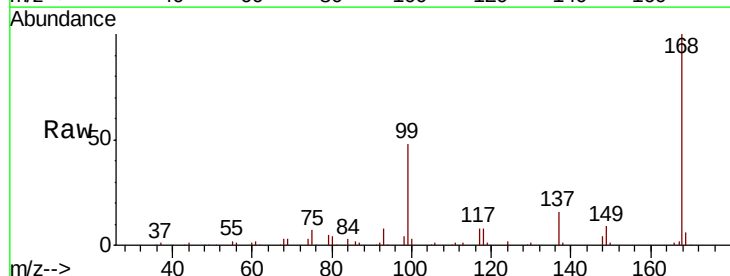
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

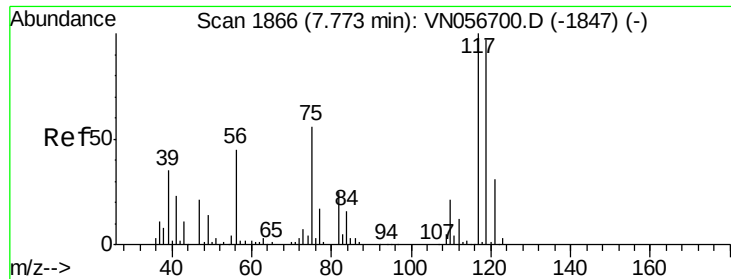
Tot Ion:113 Resp: 139024
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.8 122.6
 192 22.4 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 4.005 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN056770.D
 Acq: 16 Jul 2019 15:46

Tgt Ion: 75 Resp: 17043
 Ion Ratio Lower Upper
 75 100
 110 5.8 18.4 55.4#
 77 0.0 24.6 36.8#

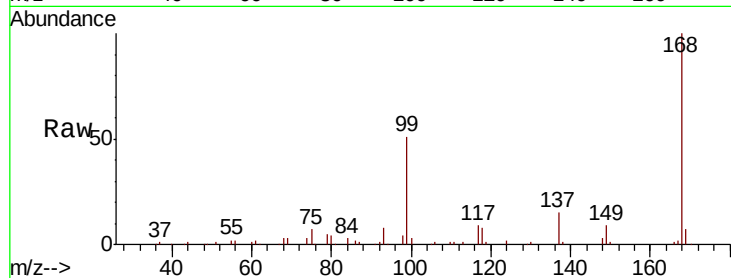




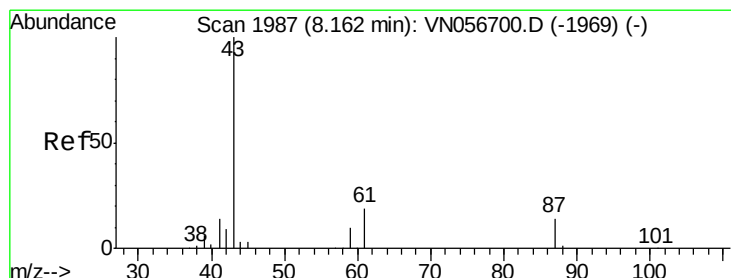
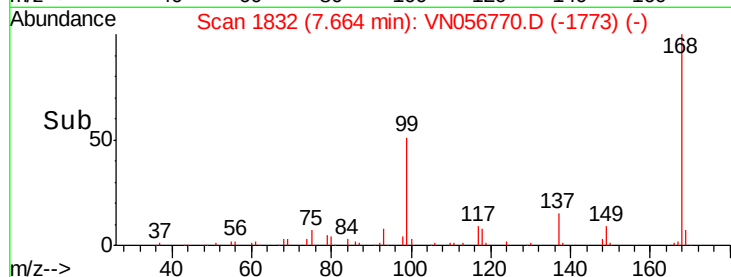
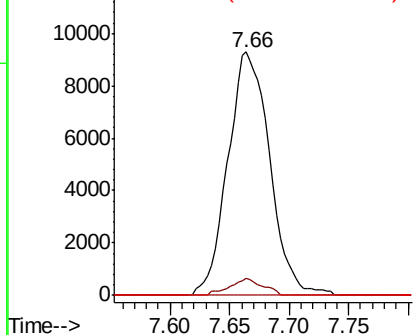
#38
Carbon Tetrachloride
Concen: 5.674 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056770.D
Acq: 16 Jul 2019 15:46

Instrument :
MSVOA_N
ClientSampled :
MW-2

Tot Ion:117 Resp: 22646
Ion Ratio Lower Upper
117 100
119 6.8 77.5 116.3#
121 0.0 24.7 37.1#

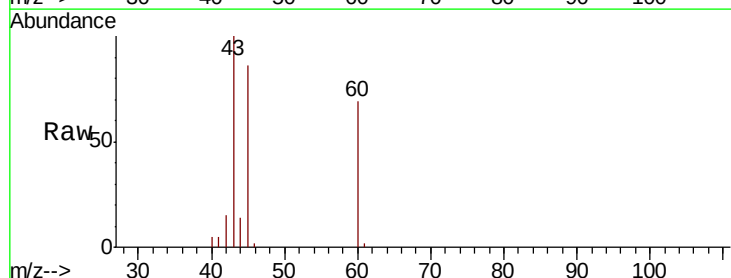


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

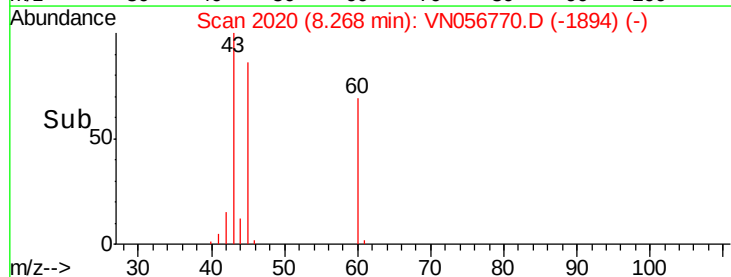
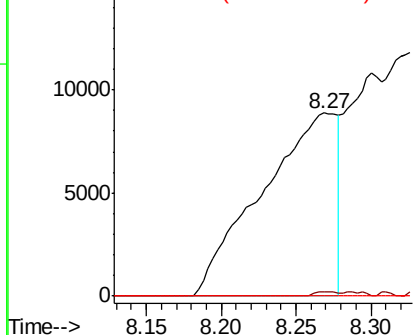


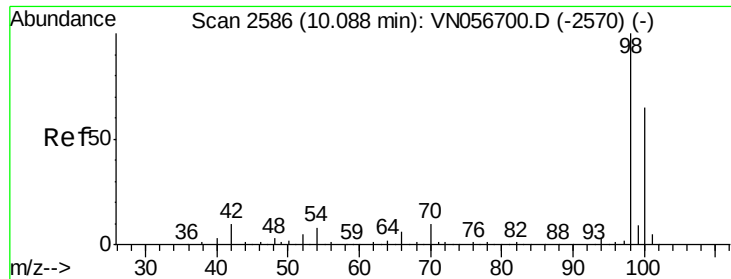
#43
Isopropyl Acetate
Concen: 4.713 ug/l
RT: 8.27 min Scan# 2020
Delta R.T. 0.11 min
Lab File: VN056770.D
Acq: 16 Jul 2019 15:46

Tgt Ion: 43 Resp: 31078
Ion Ratio Lower Upper
43 100
61 0.7 22.3 33.5#
87 0.0 11.1 16.7#



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





#50

Toluene-d8

Concen: 51.666 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056770.D

Acq: 16 Jul 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

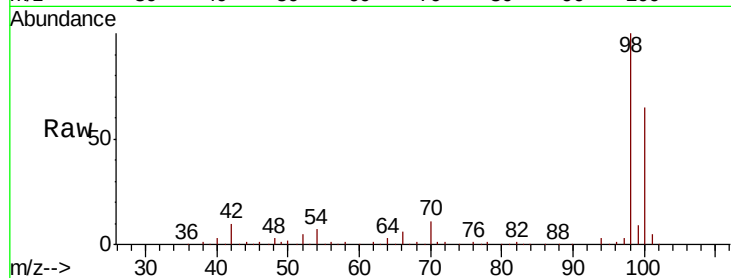
MW-2

Tot Ion: 98 Resp: 571138

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

300000

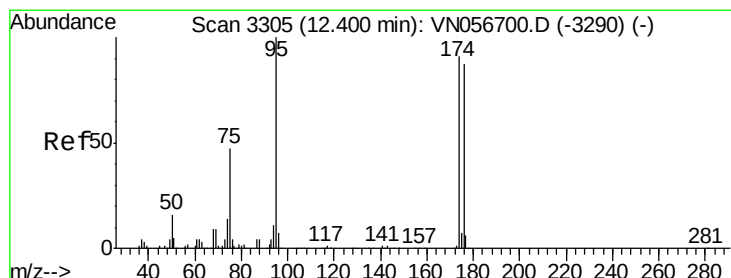
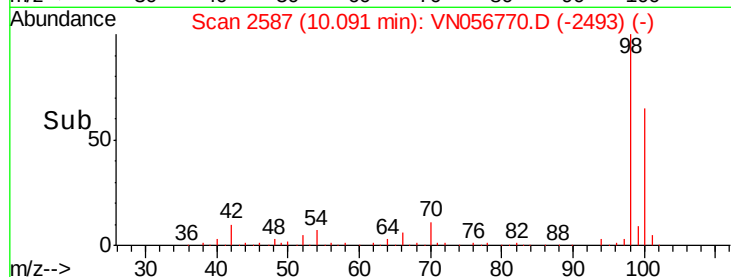
200000

100000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 54.237 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056770.D

Acq: 16 Jul 2019 15:46

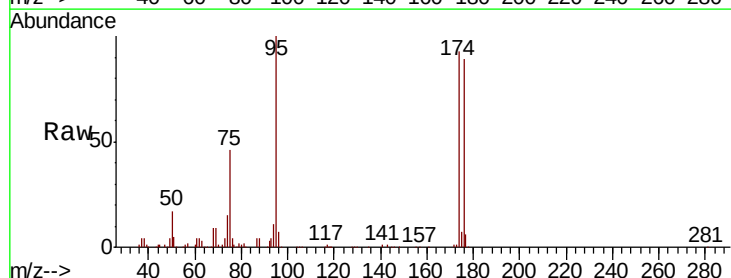
Tgt Ion: 95 Resp: 202191

Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.0

176 87.8 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

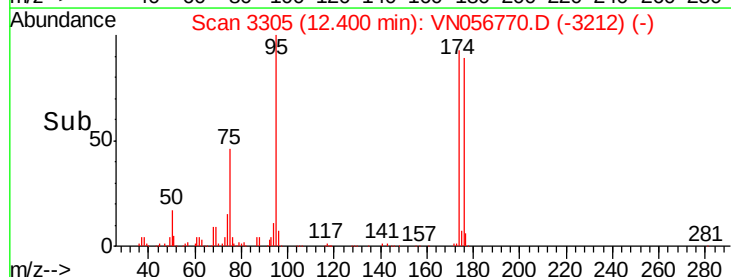
100000

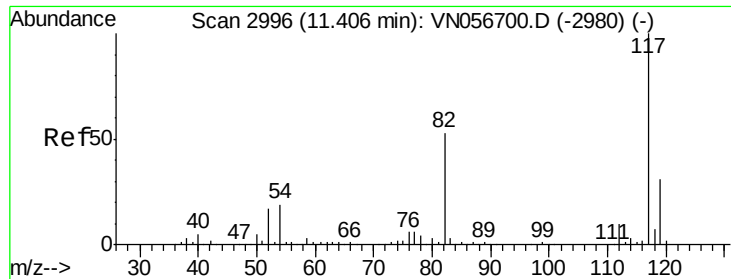
50000

0

Time-->

12.30 12.40 12.50

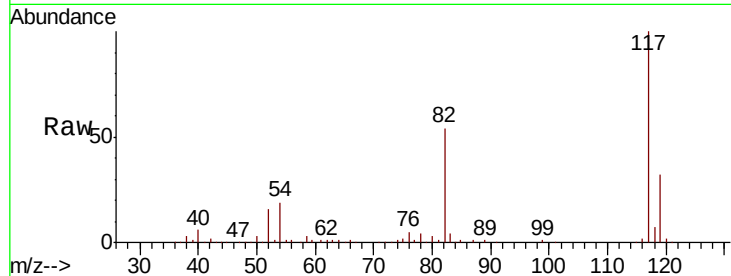




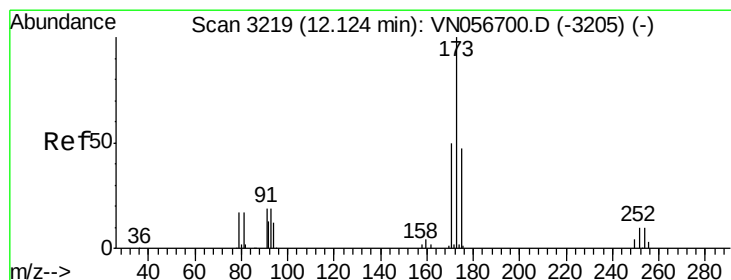
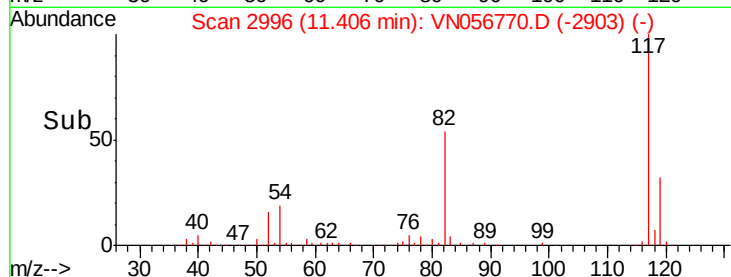
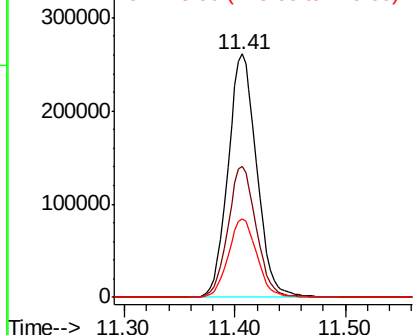
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056770.D
Acq: 16 Jul 2019 15:46

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tot Ion:117 Resp: 469466
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.2
119 32.5 25.2 37.8

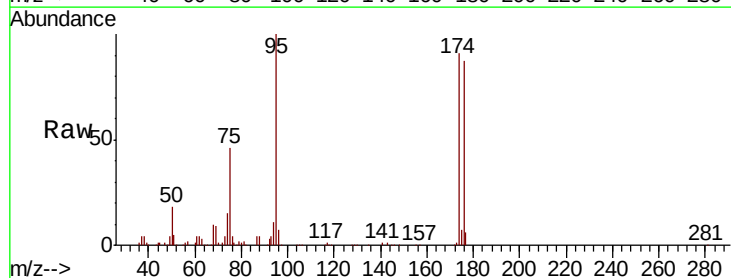


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

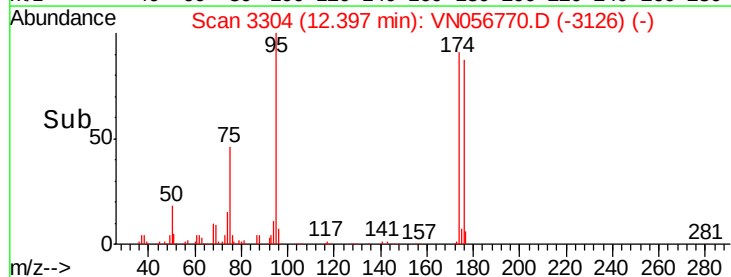
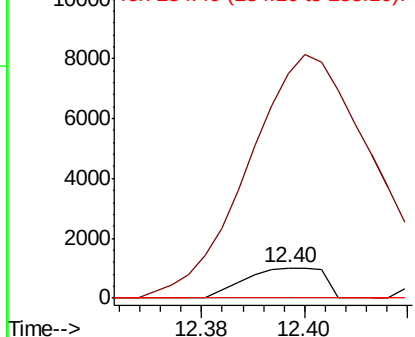


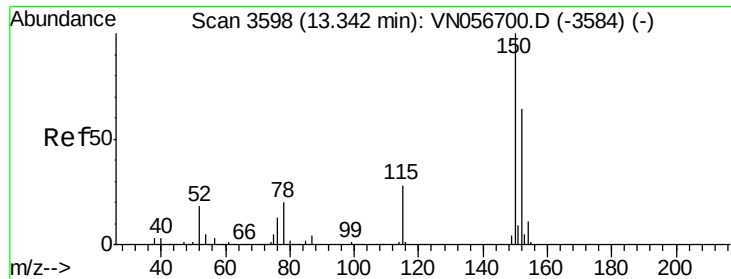
#71
Bromoform
Concen: 0.393 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN056770.D
Acq: 16 Jul 2019 15:46

Tgt Ion:173 Resp: 1057
Ion Ratio Lower Upper
173 100
175 1034.4 23.8 71.4#
254 0.0 0.0 0.0



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



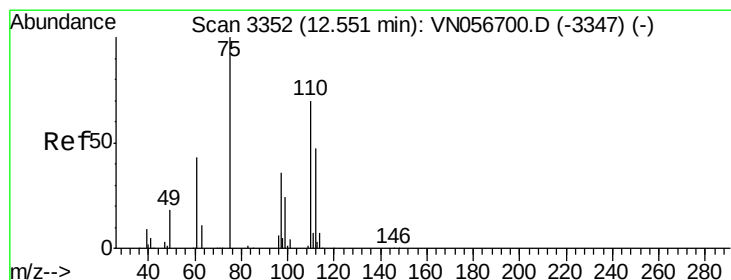
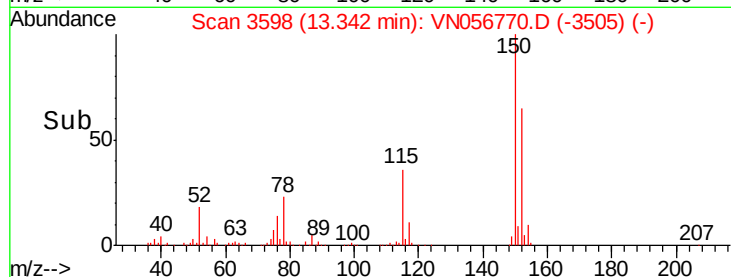
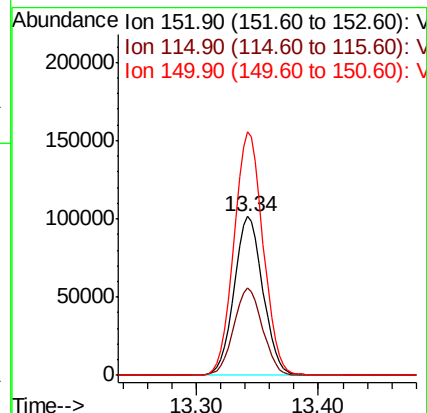
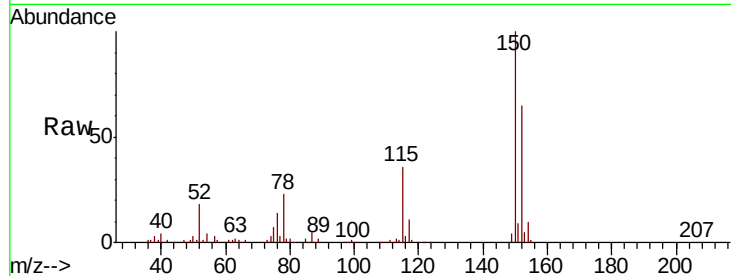


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056770.D
Acq: 16 Jul 2019 15:46

Instrument :
MSVOA_N
ClientSampleId :
MW-2

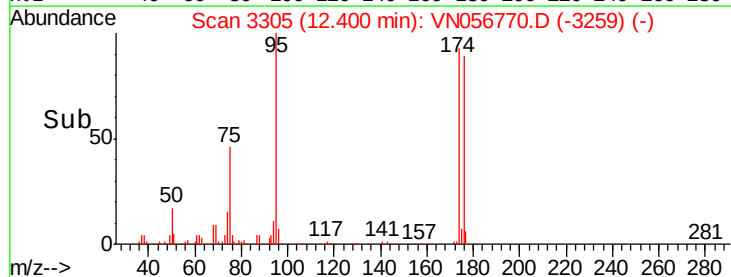
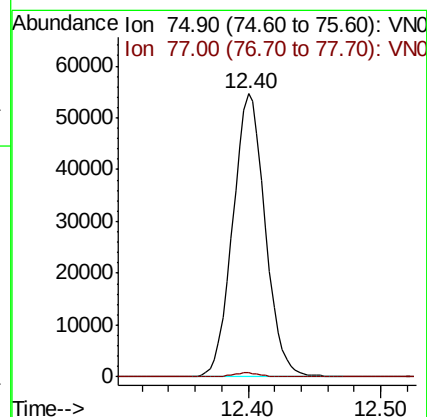
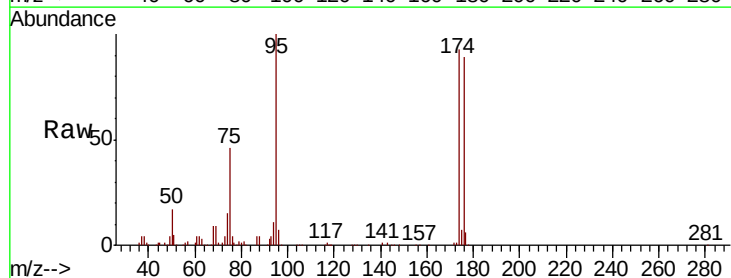
Tot Ion:152 Resp: 167111
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 154.8 0.0 345.8

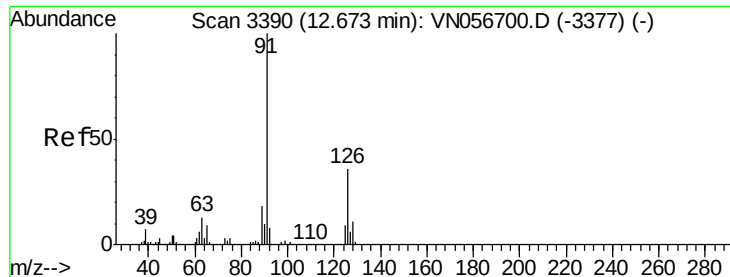


#76

1,2,3-Trichloropropane
Concen: 25.354 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056770.D
Acq: 16 Jul 2019 15:46

Tgt Ion: 75 Resp: 92667
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.28 min

Lab File: VN056770.D

Acq: 16 Jul 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

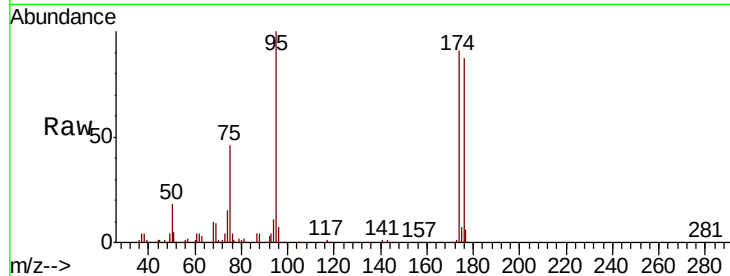
MW-2

Tot Ion: 91 Resp: 593

Ion Ratio Lower Upper

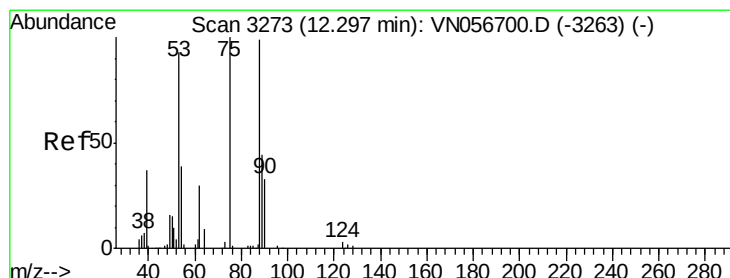
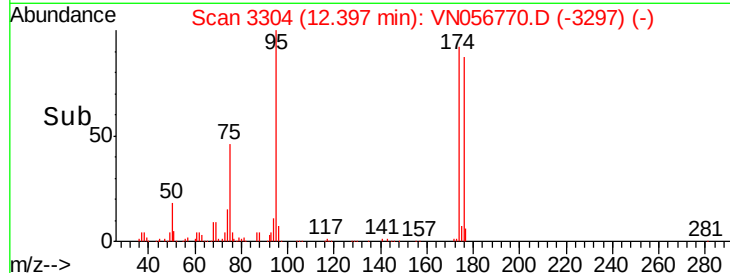
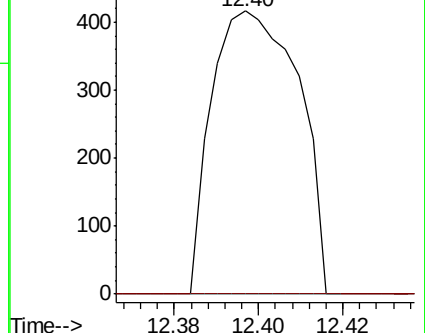
91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 78.301 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056770.D

Acq: 16 Jul 2019 15:46

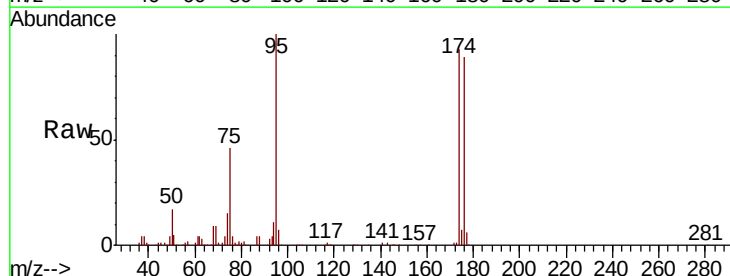
Tgt Ion: 75 Resp: 92667

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

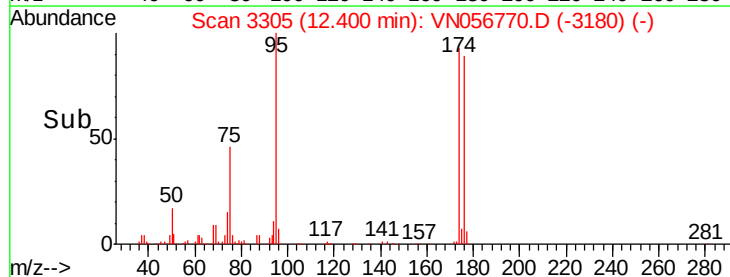
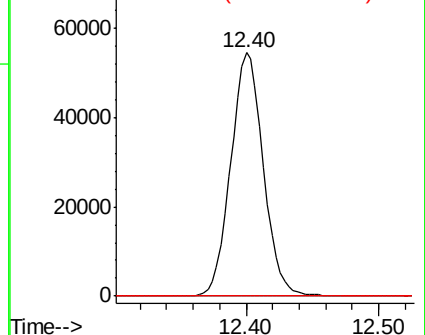
89 0.0 36.2 54.2#

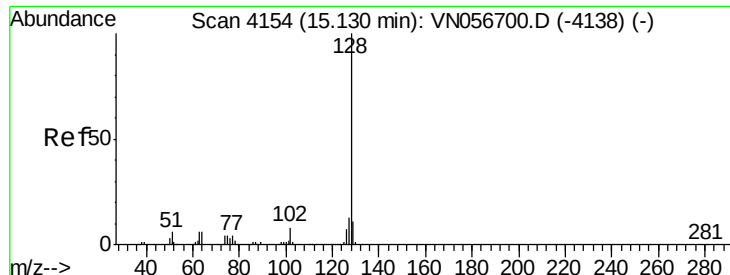


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: 4.547 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056770.D

Acq: 16 Jul 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

MW-2

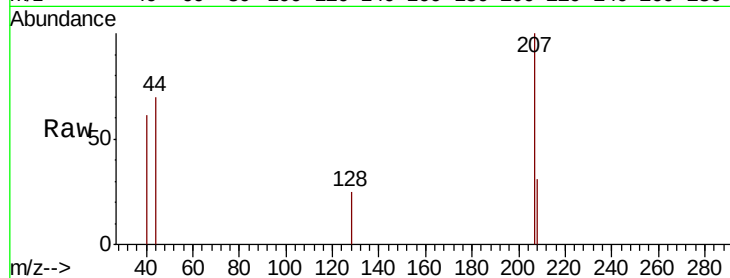
Tot Ion:128 Resp: 212

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

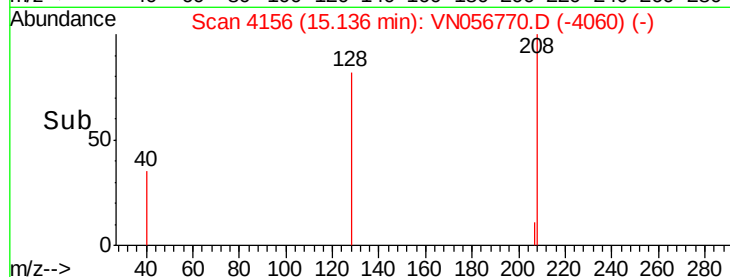
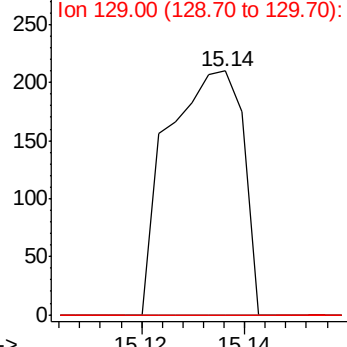
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->