

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
 Data File : VN057944.D
 Acq On : 11 Sep 2019 23:07
 Operator : JC/SP
 Sample : K4836-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Sep 12 02:33:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

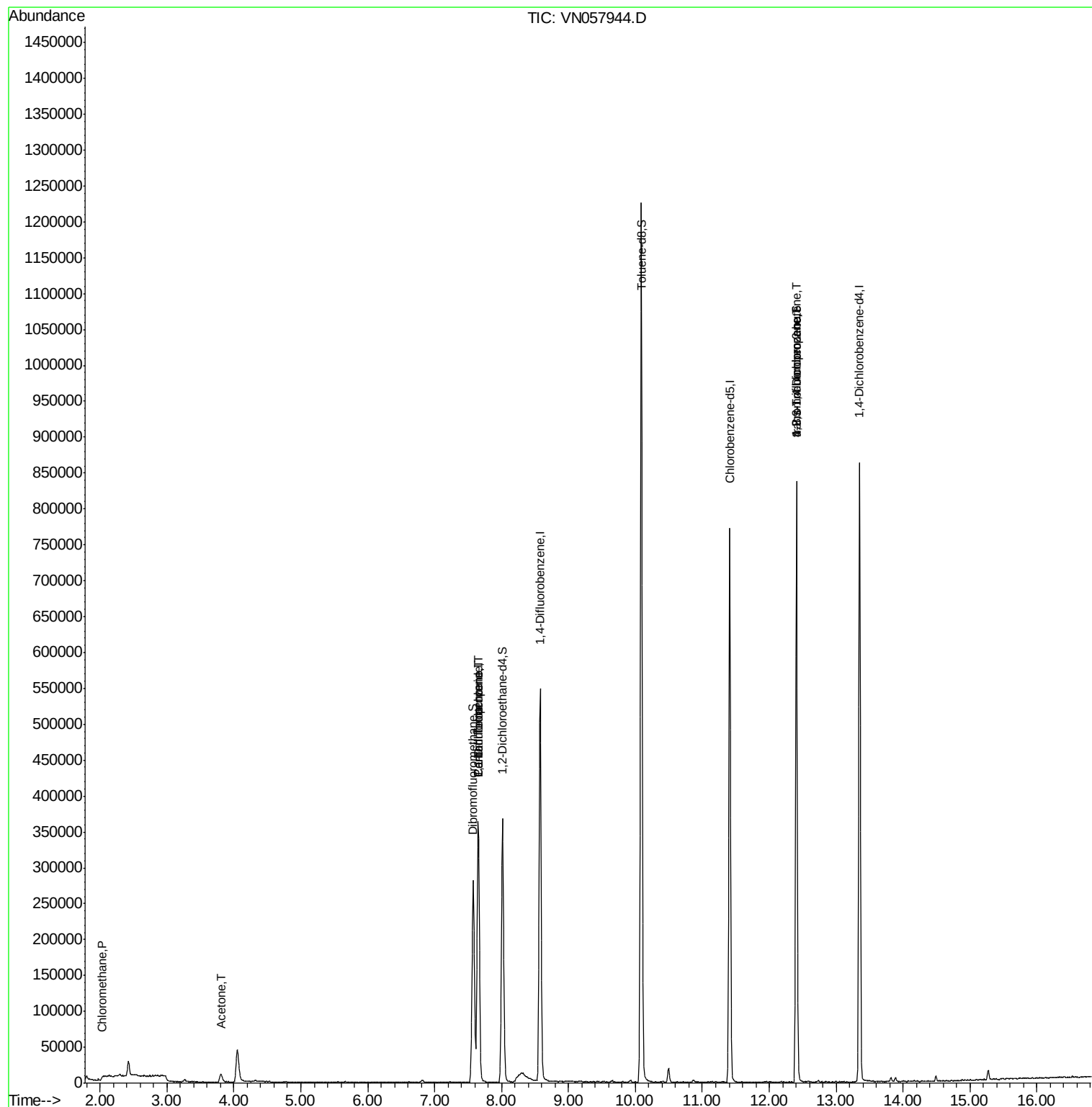
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	275500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	465065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	417270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	320228	57.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.78%	
35) Dibromofluoromethane	7.58	113	212188	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	10.09	98	833688	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.41	95	272779	42.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.90%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.03	50	1121	0.289	ug/l #	78
5) Bromomethane	2.53	94	67	Below Cal	#	2
16) Acetone	3.81	43	21717	11.872	ug/l	97
20) Methylene Chloride	4.52	84	550	Below Cal	#	47
31) Cyclohexane	7.65	56	8304	Below Cal	#	34
36) 1,1-Dichloropropene	7.65	75	24378	4.520	ug/l #	47
38) Carbon Tetrachloride	7.65	117	28944	5.878	ug/l #	16
76) 1,2,3-Trichloropropane	12.41	75	150683	30.958	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	150683	108.943	ug/l #	6
95) Naphthalene	15.15	128	290	Below Cal	#	69

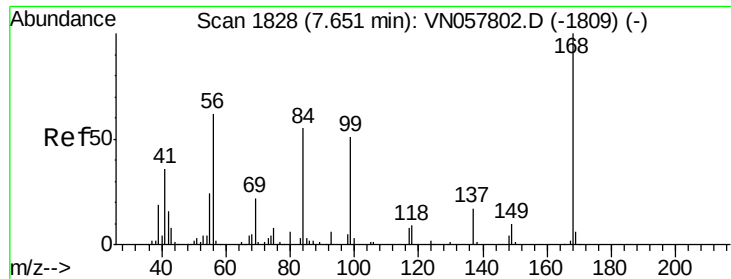
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057944.D

Acq: 11 Sep 2019 23:07

Instrument :

MSVOA_N

ClientSampled :

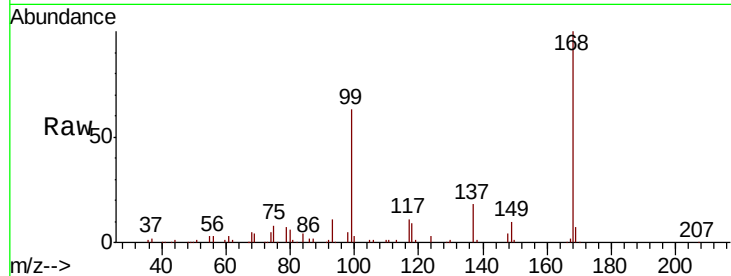
MW-1

Tgt Ion:168 Resp: 275500

Ion Ratio Lower Upper

168 100

99 63.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

7.65

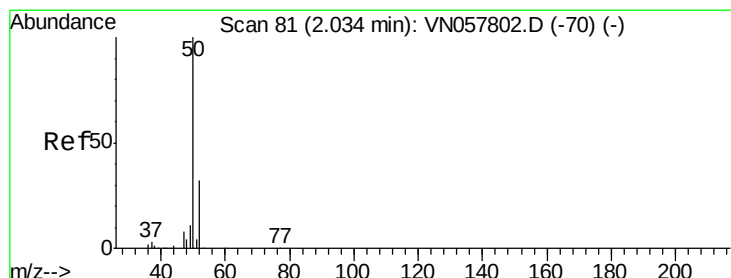
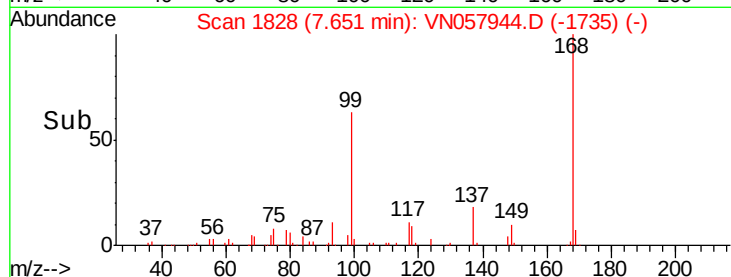
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.289 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN057944.D

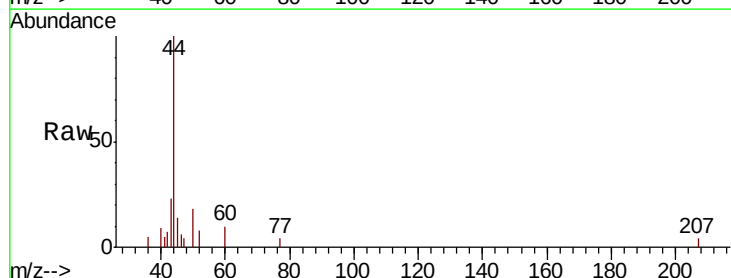
Acq: 11 Sep 2019 23:07

Tgt Ion: 50 Resp: 1121

Ion Ratio Lower Upper

50 100

52 43.9 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN057802.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN057802.D (-70) (-)

2.03

800

600

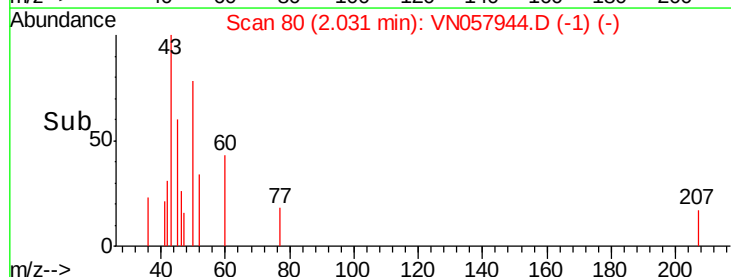
400

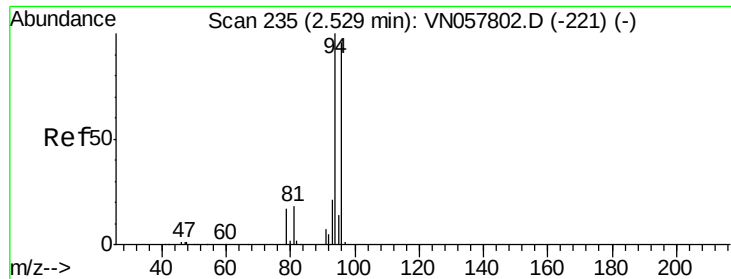
200

0

2.00 2.02 2.04 2.06

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.53 min Scan# 234

Delta R.T. -0.00 min

Lab File: VN057944.D

Acq: 11 Sep 2019 23:07

Instrument :

MSVOA_N

ClientSampled :

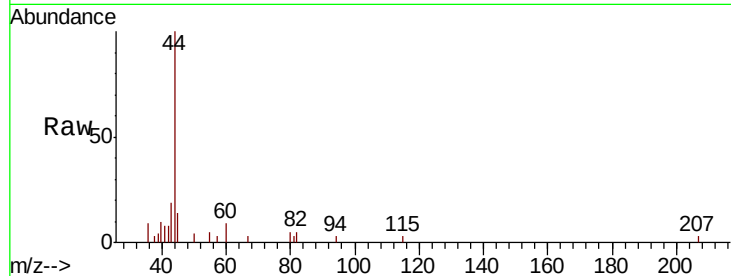
MW-1

Tgt Ion: 94 Resp: 67

Ion Ratio Lower Upper

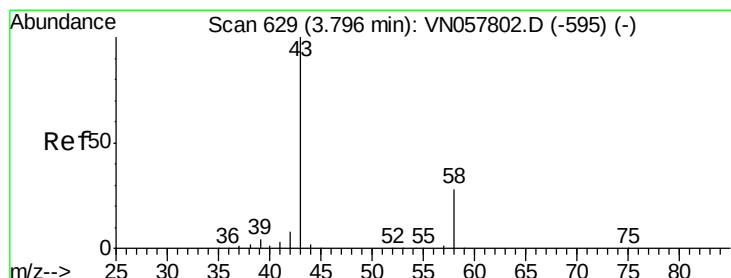
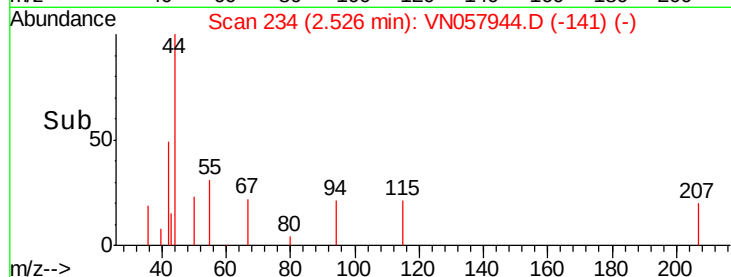
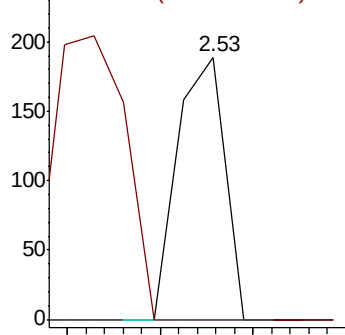
94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#16

Acetone

Concen: 11.872 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057944.D

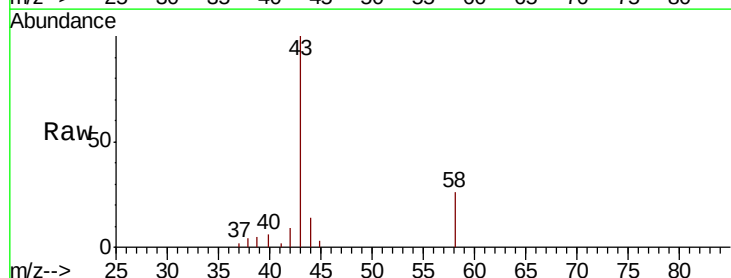
Acq: 11 Sep 2019 23:07

Tgt Ion: 43 Resp: 21717

Ion Ratio Lower Upper

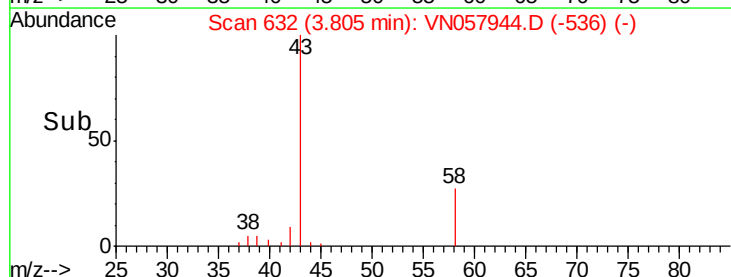
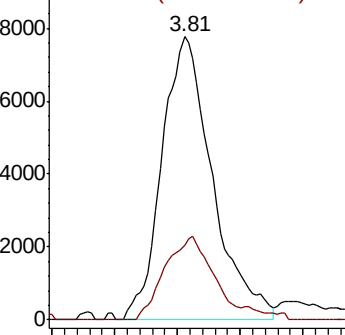
43 100

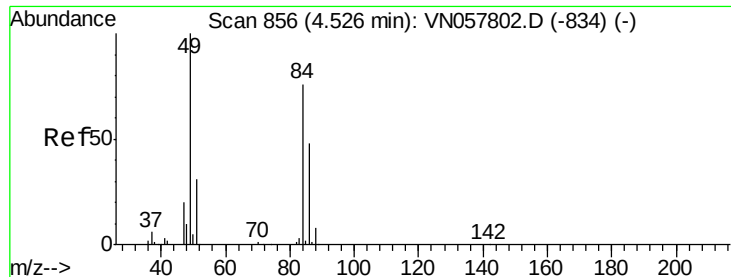
58 26.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

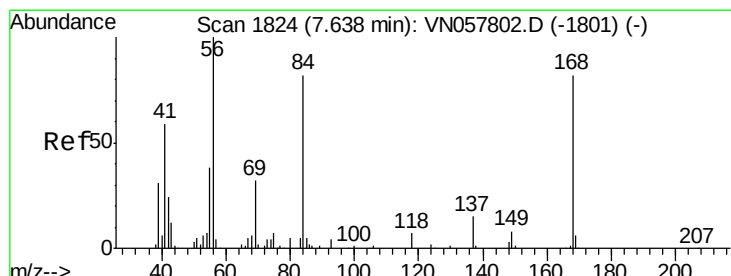
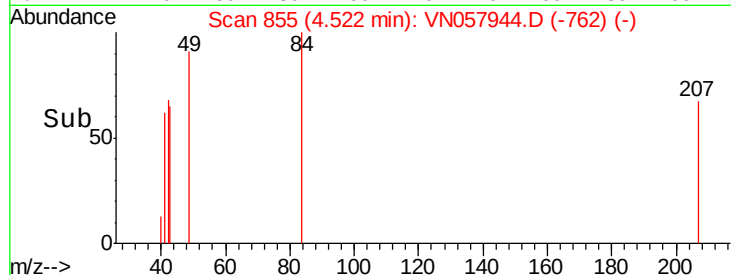
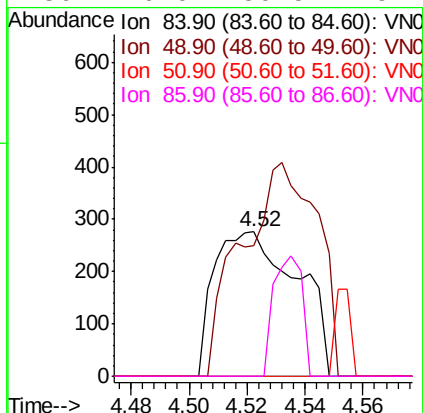
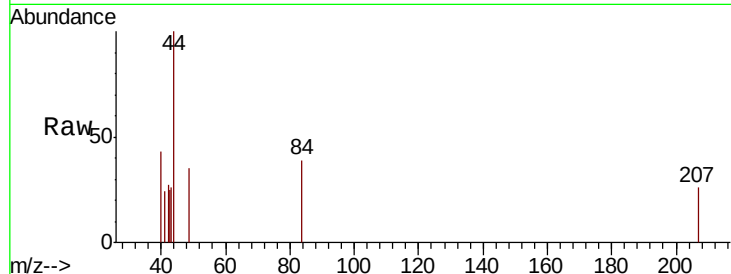




#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN057944.D
Acq: 11 Sep 2019 23:07

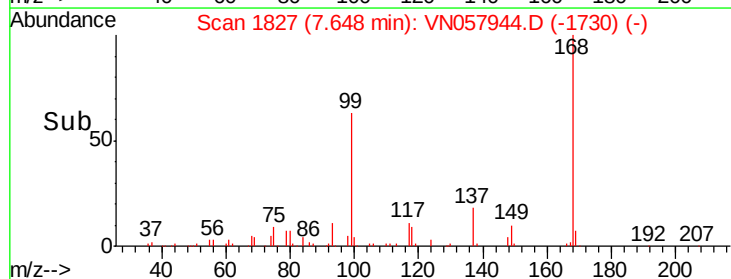
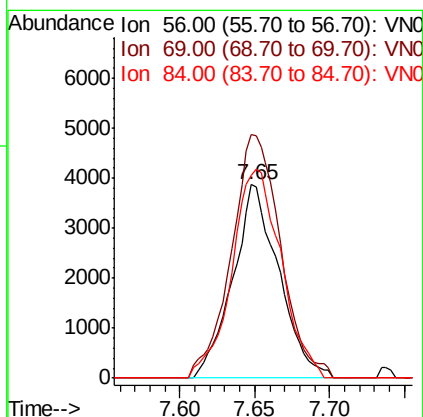
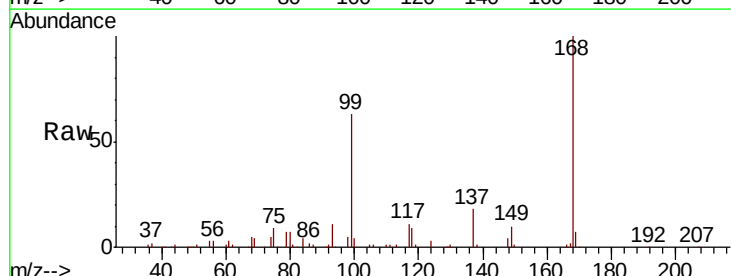
Instrument :
MSVOA_N
ClientSampleId :
MW-1

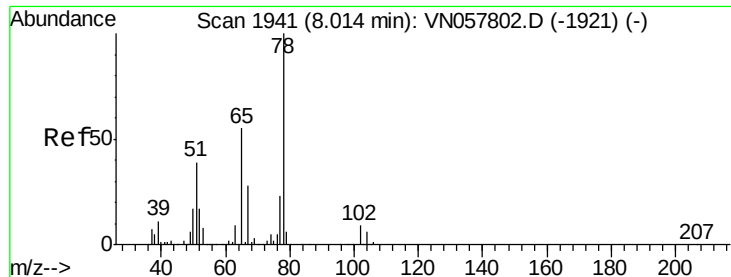
Tgt Ion:	84	Resp:	550
Ion	Ratio	Lower	Upper
84	100		
49	90.6	104.8	157.2#
51	0.0	33.0	49.4#
86	0.0	50.5	75.7#



#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057944.D
Acq: 11 Sep 2019 23:07

Tgt Ion:	56	Resp:	8304
Ion	Ratio	Lower	Upper
56	100		
69	125.9	25.9	38.9#
84	105.0	65.6	98.4#

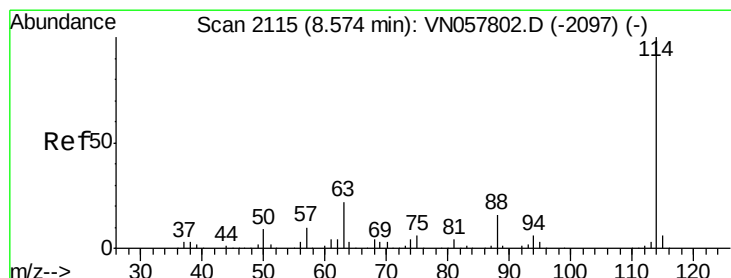
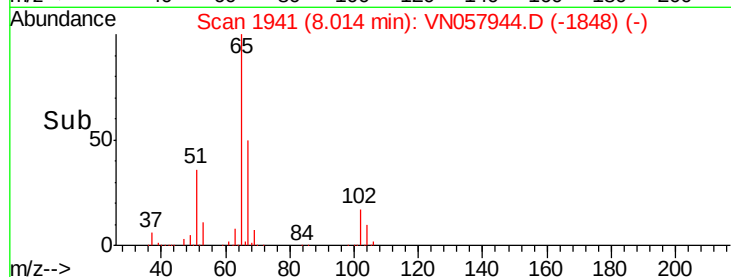
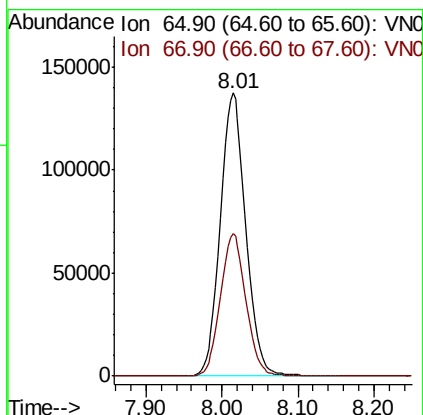
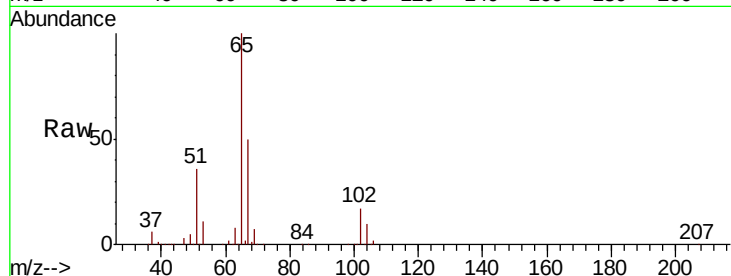




#33
 1,2-Dichloroethane-d4
 Concen: 57.388 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057944.D
 Acq: 11 Sep 2019 23:07

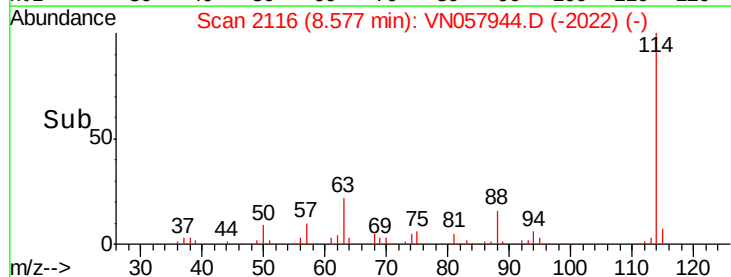
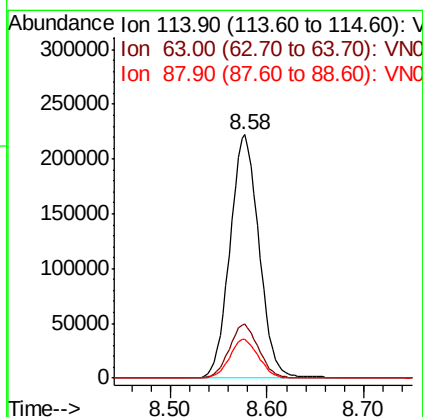
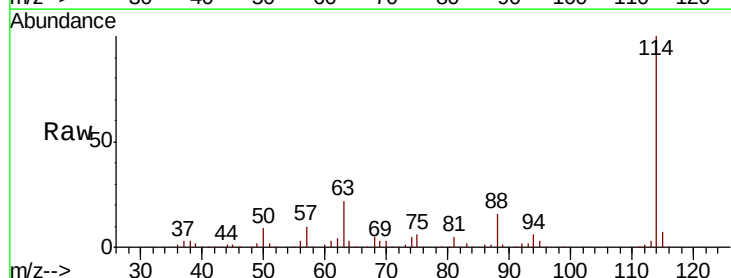
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

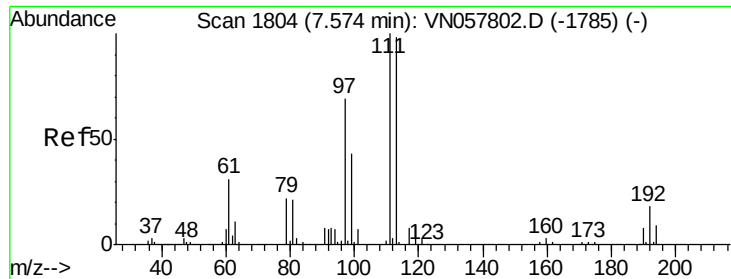
Tgt Ion: 65 Resp: 320228
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057944.D
 Acq: 11 Sep 2019 23:07

Tgt Ion: 114 Resp: 465065
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.0
 88 15.9 0.0 31.4

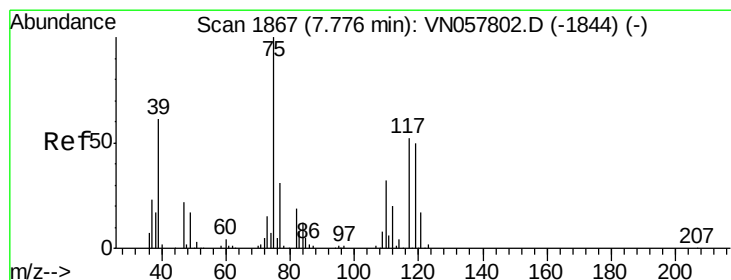
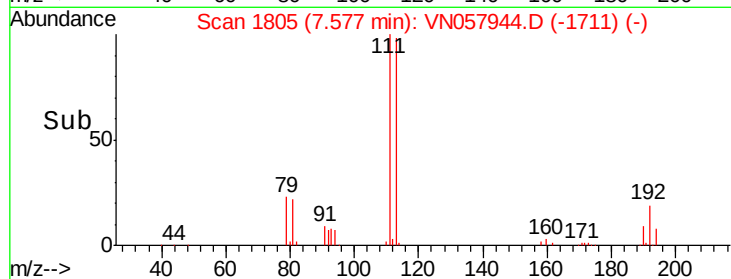
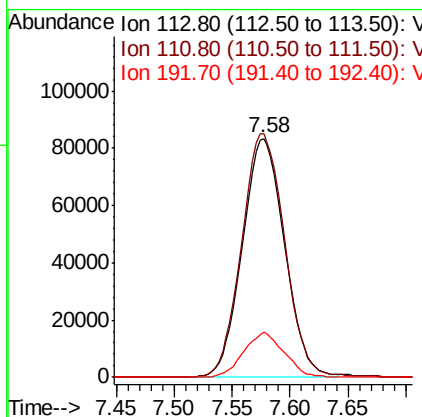
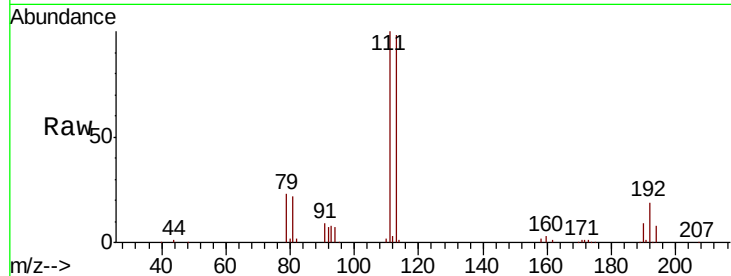




#35
 Dibromofluoromethane
 Concen: 49.434 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057944.D
 Acq: 11 Sep 2019 23:07

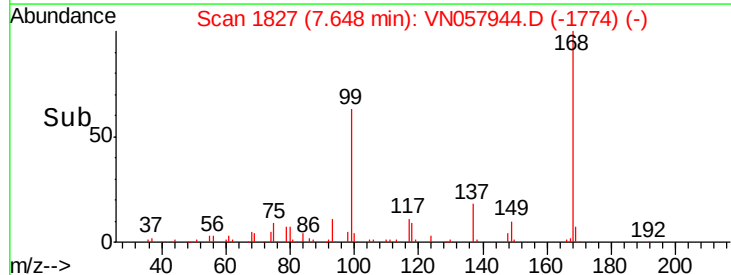
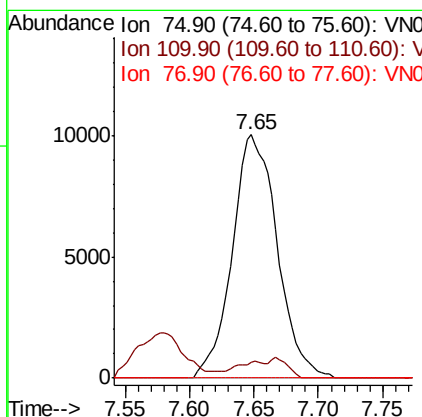
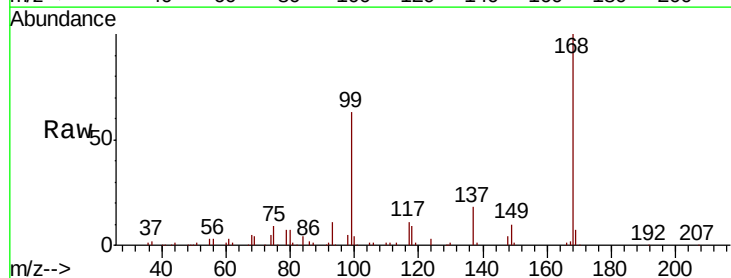
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

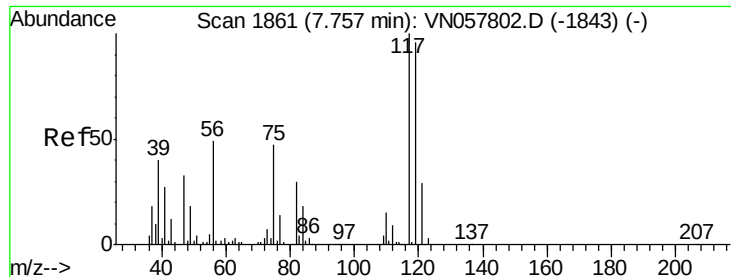
Tgt Ion:113 Resp: 212188
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.3 121.9
 192 18.1 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 4.520 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057944.D
 Acq: 11 Sep 2019 23:07

Tgt Ion: 75 Resp: 24378
 Ion Ratio Lower Upper
 75 100
 110 4.3 16.3 48.9#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.878 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057944.D

Acq: 11 Sep 2019 23:07

Instrument :

MSVOA_N

ClientSampled :

MW-1

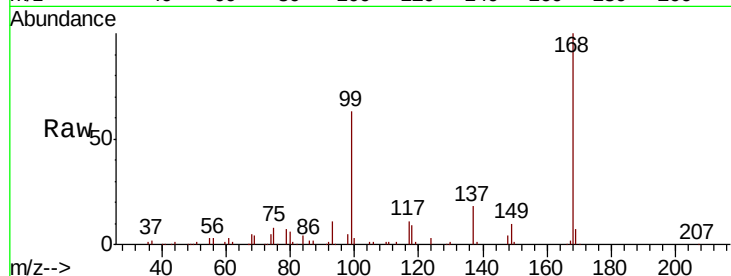
Tgt Ion:117 Resp: 28944

Ion Ratio Lower Upper

117 100

119 4.8 76.9 115.3#

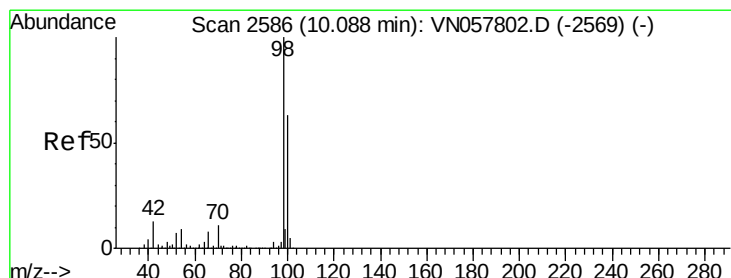
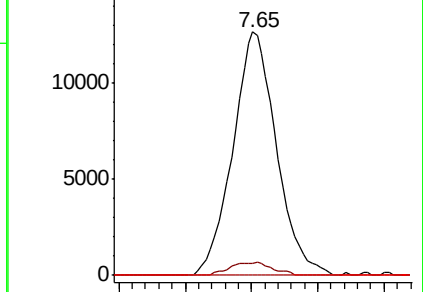
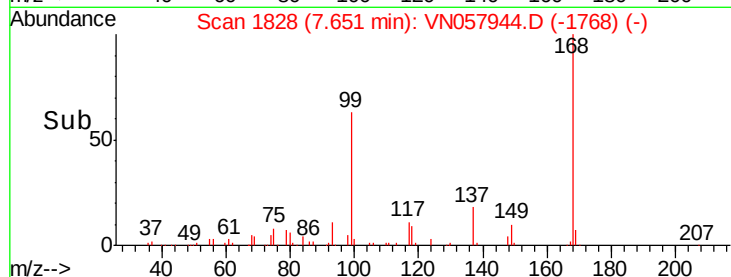
121 0.0 23.4 35.2#



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



#50

Toluene-d8

Concen: 50.025 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057944.D

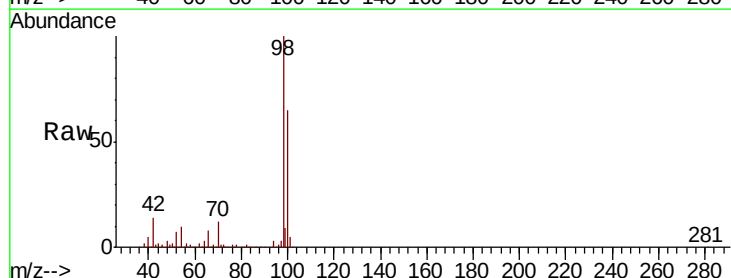
Acq: 11 Sep 2019 23:07

Tgt Ion: 98 Resp: 833688

Ion Ratio Lower Upper

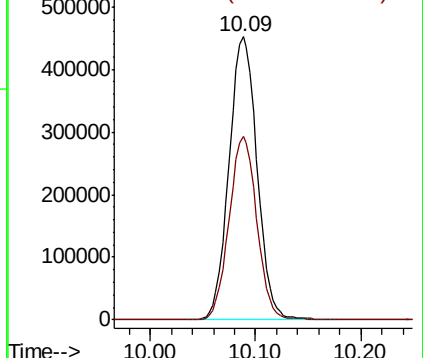
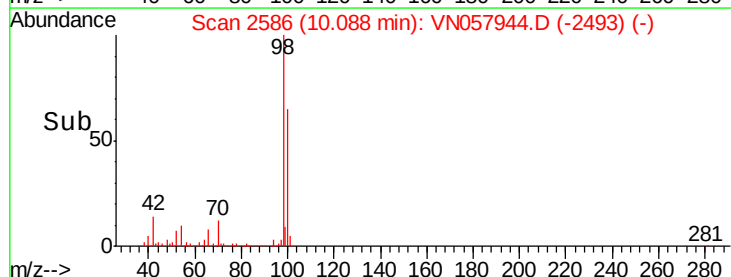
98 100

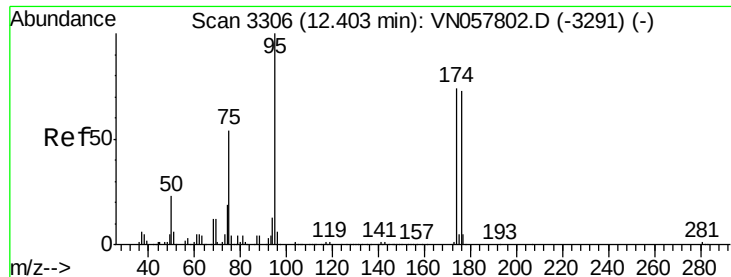
100 64.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

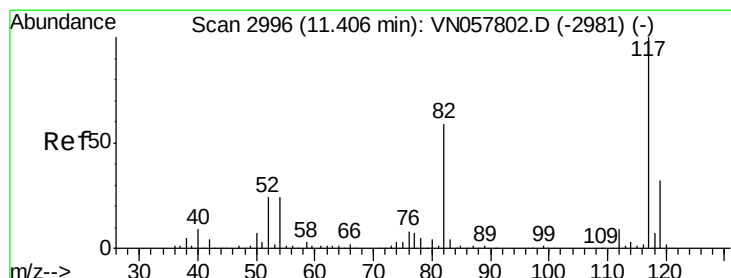
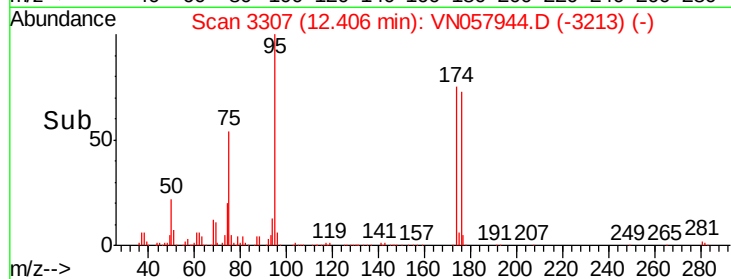
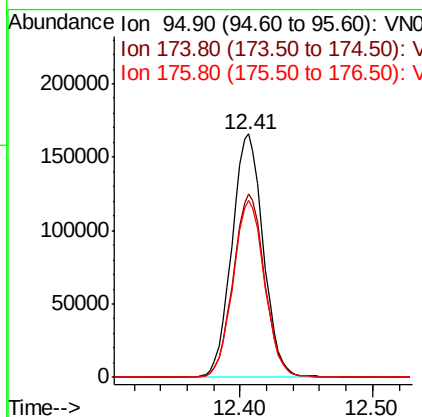
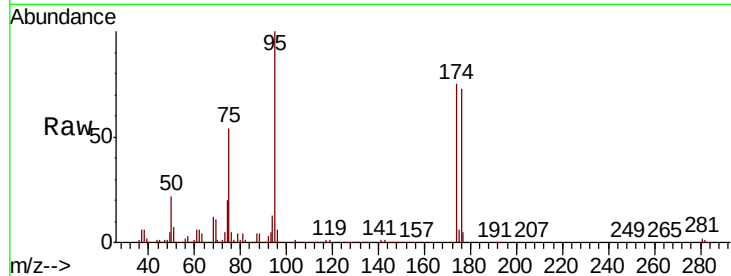




#62
4-Bromofluorobenzene
Concen: 42.951 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057944.D
Acq: 11 Sep 2019 23:07

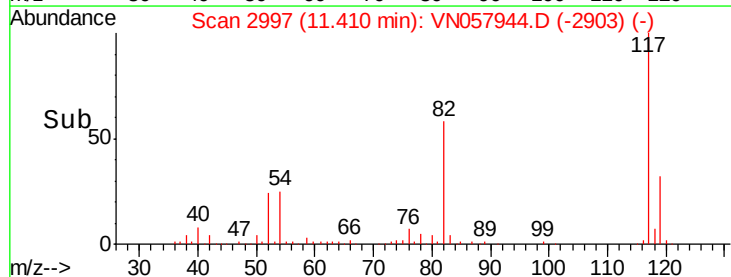
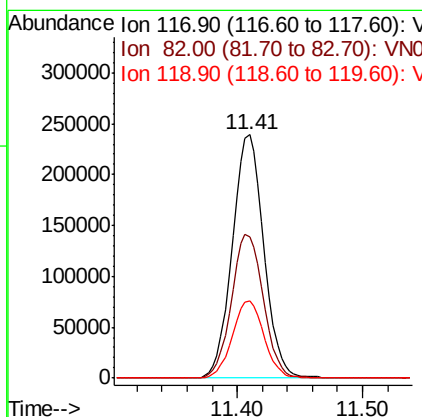
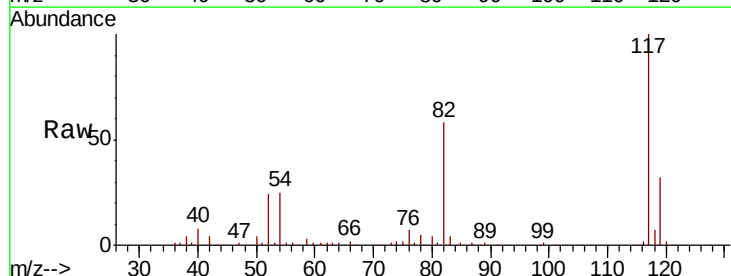
Instrument :
MSVOA_N
ClientSampleId :
MW-1

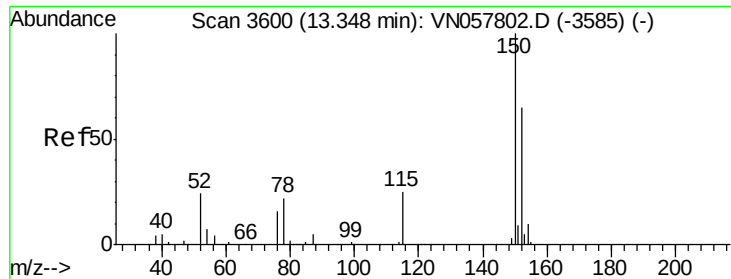
Tgt Ion: 95 Resp: 272779
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.2
176 72.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057944.D
Acq: 11 Sep 2019 23:07

Tgt Ion: 117 Resp: 417270
Ion Ratio Lower Upper
117 100
82 58.2 47.2 70.8
119 31.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057944.D

Acq: 11 Sep 2019 23:07

Instrument :

MSVOA_N

ClientSampled :

MW-1

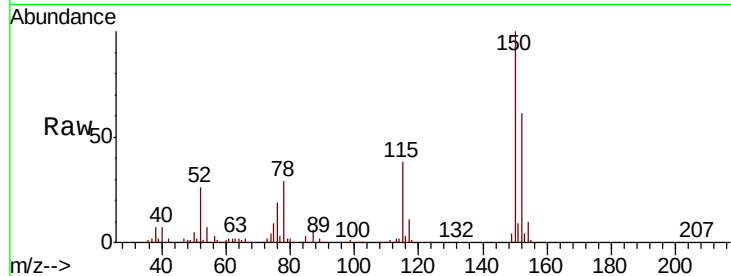
Tgt Ion:152 Resp: 215160

Ion Ratio Lower Upper

152 100

115 61.2 30.3 91.0

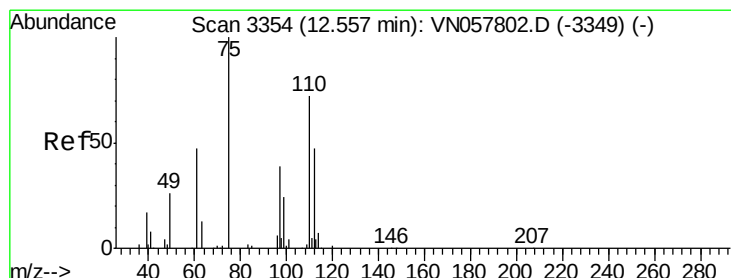
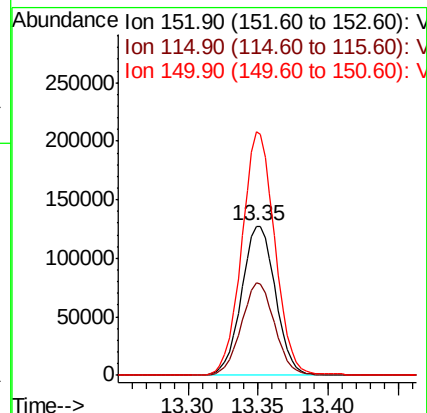
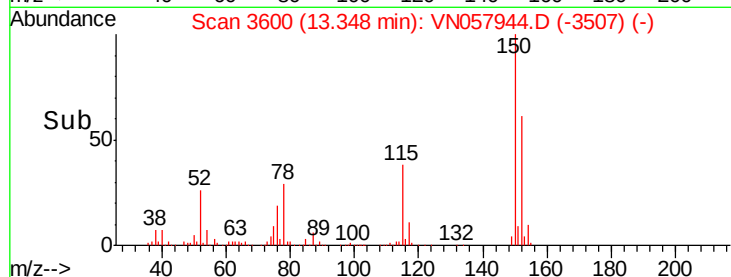
150 159.0 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 30.958 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN057944.D

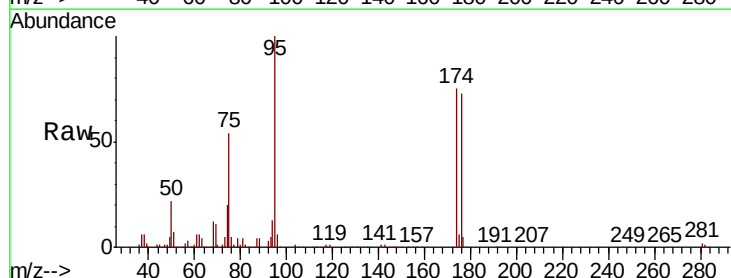
Acq: 11 Sep 2019 23:07

Tgt Ion: 75 Resp: 150683

Ion Ratio Lower Upper

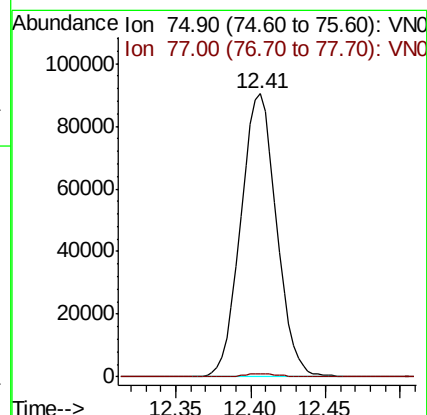
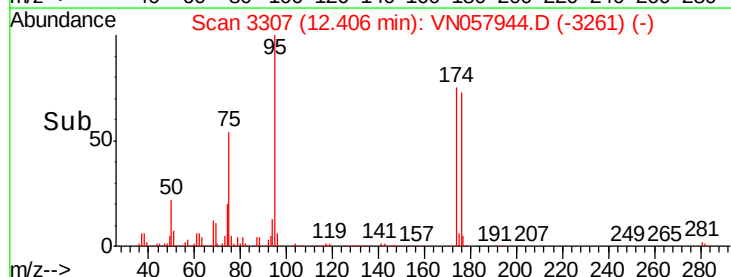
75 100

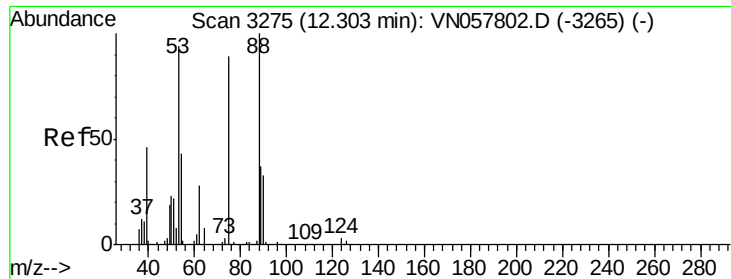
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 108.943 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN057944.D

Acq: 11 Sep 2019 23:07

Instrument :

MSVOA_N

ClientSampled :

MW-1

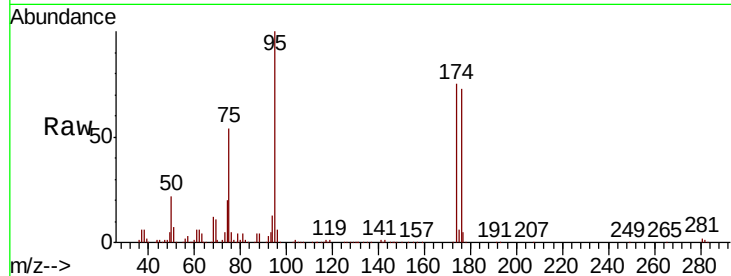
Tgt Ion: 75 Resp: 150683

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

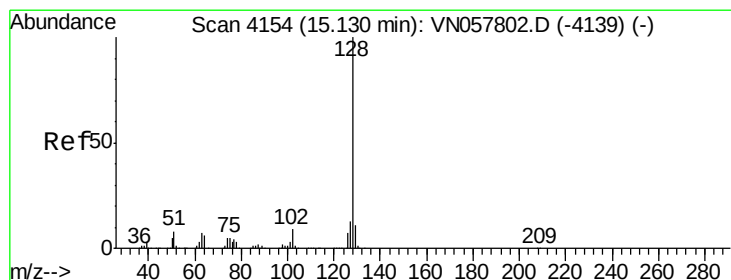
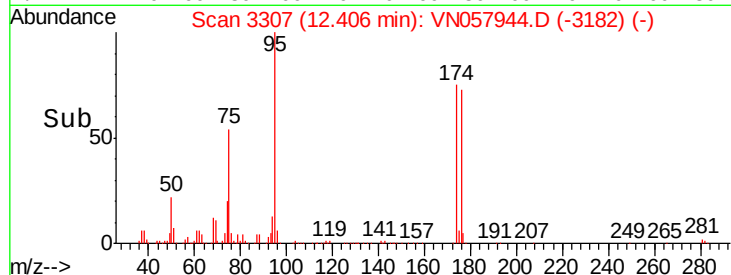
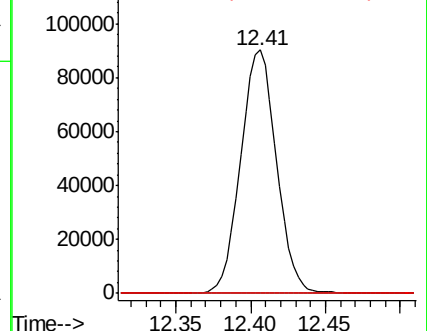
89 0.0 35.3 52.9#



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: Below Cal

RT: 15.15 min Scan# 4159

Delta R.T. 0.02 min

Lab File: VN057944.D

Acq: 11 Sep 2019 23:07

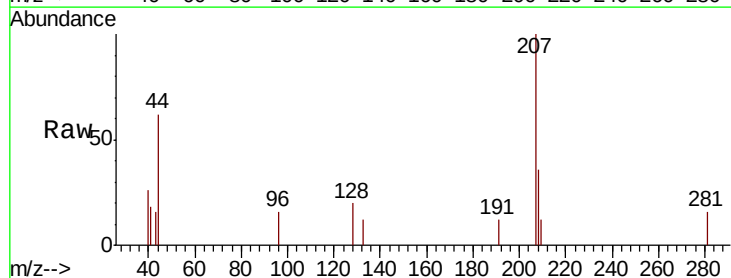
Tgt Ion: 128 Resp: 290

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 12.8#



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

