

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058291.D
 Acq On : 23 Sep 2019 14:45
 Operator : JC/SP
 Sample : K4939-06ME 10X
 Misc : 6.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 01:32:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	475539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	778177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	666475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	271938	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	352258	53.18	ug/l	0.00
Spiked Amount						
			Recovery	=	106.36%	
35) Dibromofluoromethane	7.58	113	240041	50.74	ug/l	0.00
Spiked Amount						
			Recovery	=	101.48%	
50) Toluene-d8	10.09	98	987128	53.56	ug/l	0.00
Spiked Amount						
			Recovery	=	107.12%	
62) 4-Bromofluorobenzene	12.41	95	313910	45.85	ug/l	0.00
Spiked Amount						
			Recovery	=	91.70%	

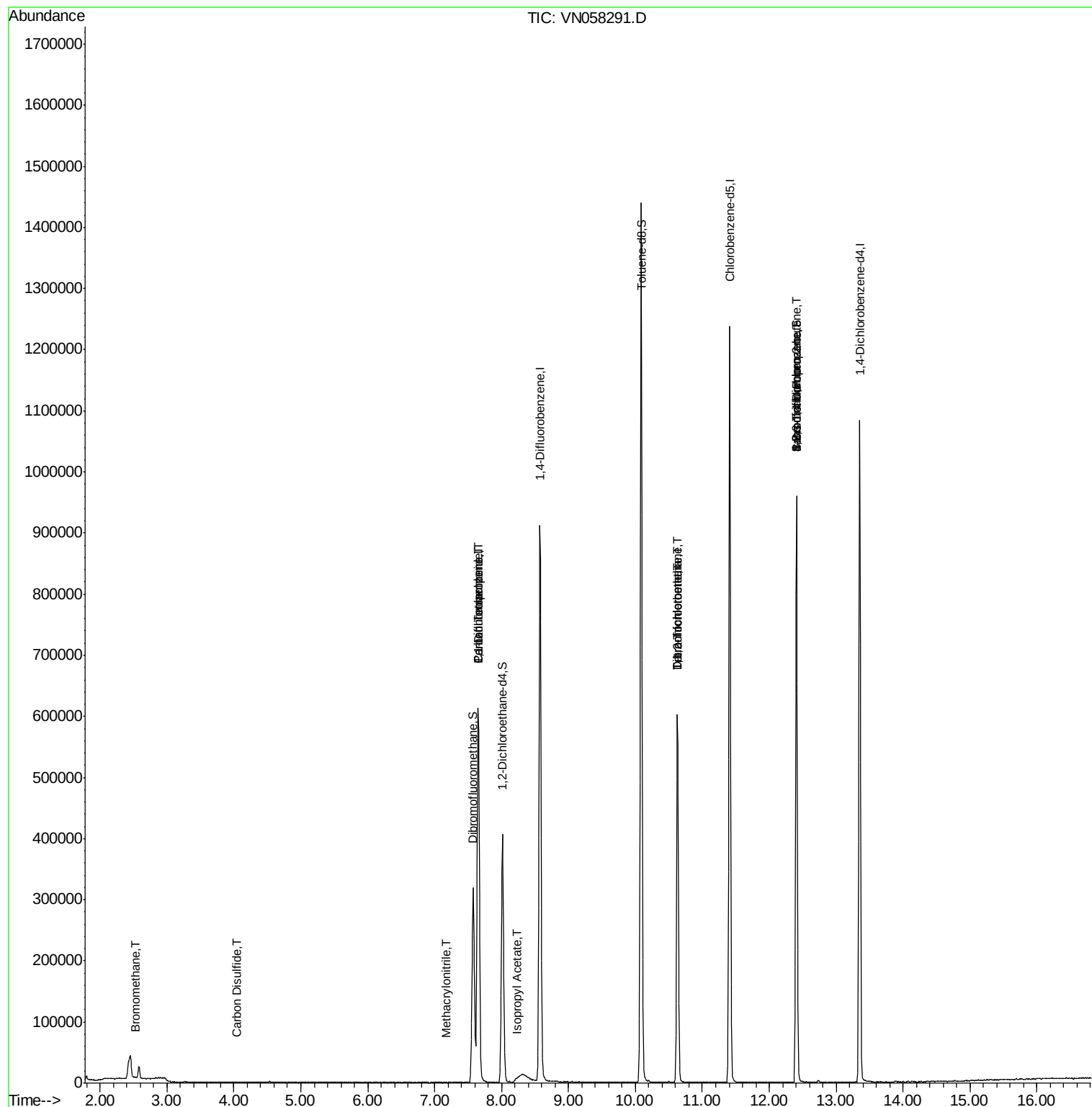
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	356	Below Cal	#	42
4) Vinyl Chloride	2.44	62	157	Below Cal	#	83
5) Bromomethane	2.54	94	442	0.972	ug/l #	56
6) Chloroethane	2.87	64	67	Below Cal	#	1
17) Carbon Disulfide	4.04	76	228	0.326	ug/l #	74
20) Methylene Chloride	4.54	84	724	Below Cal		95
31) Cyclohexane	7.65	56	12532	Below Cal	#	15
36) 1,1-Dichloropropene	7.65	75	41259	7.352	ug/l #	52
38) Carbon Tetrachloride	7.65	117	48964	8.680	ug/l #	15
41) Methacrylonitrile	7.18	41	69	0.934	ug/l #	100
43) Isopropyl Acetate	8.22	43	4107	0.378	ug/l #	57
55) 1,1,2-Trichloroethane	10.63	97	1305	0.274	ug/l #	11
60) Dibromochloromethane	10.63	129	119298	26.013	ug/l #	11
64) Tetrachloroethene	10.63	164	130880	40.284	ug/l	98
71) Bromoform	12.41	173	1438	4.019	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	177014	36.371	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	177014	101.517	ug/l #	5

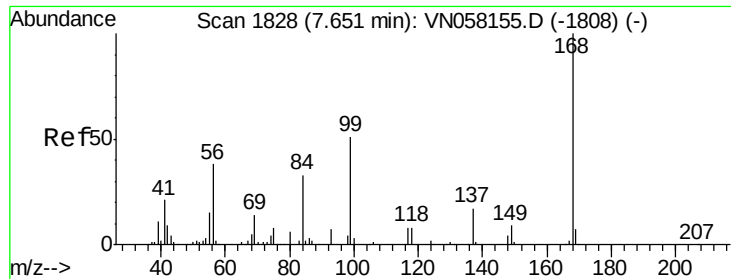
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092319\
Data File : VN058291.D
Acq On : 23 Sep 2019 14:45
Operator : JC/SP
Sample : K4939-06ME 10X
Misc : 6.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 24 01:32:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 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: VN058291.D

Acq: 23 Sep 2019 14:45

Instrument :

MSVOA_N

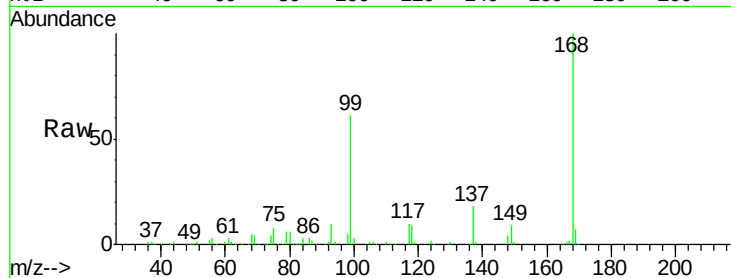
ClientSampleId :

Tot Ion:168 Resp: 475539

Ion Ratio Lower Upper

168 100

99 60.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058155.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058155.D (-1808) (-)

7.65

200000

150000

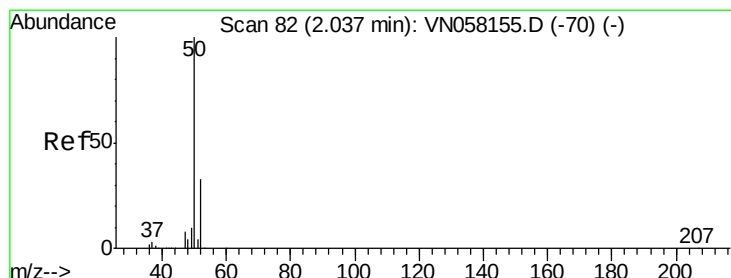
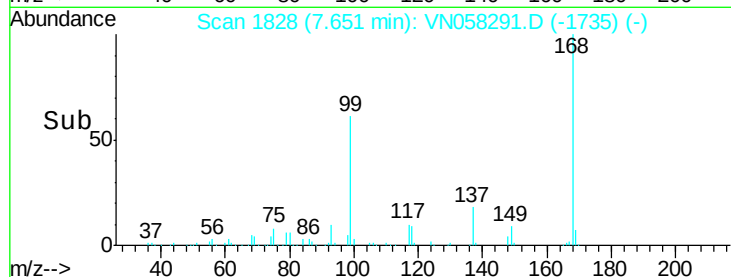
100000

50000

0

7.60 7.70

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058291.D

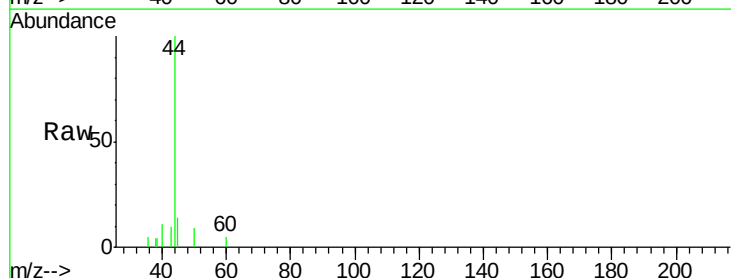
Acq: 23 Sep 2019 14:45

Tgt Ion: 50 Resp: 356

Ion Ratio Lower Upper

50 100

52 0.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN058155.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN058155.D (-70) (-)

2.04

400

300

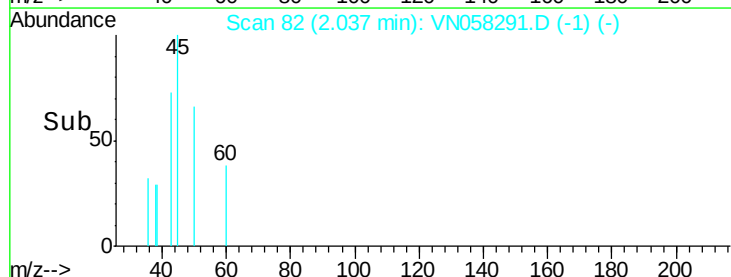
200

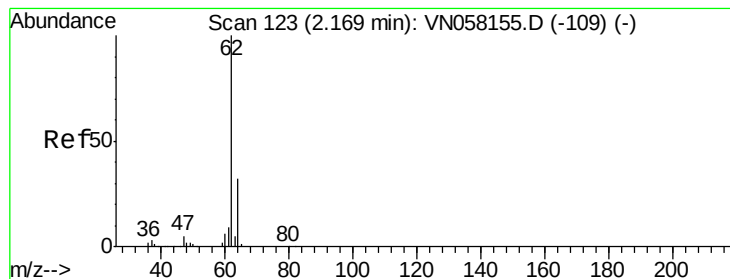
100

0

2.02 2.04 2.06

Time-->





#4

Vinyl Chloride

Concen: Below Cal

RT: 2.44 min Scan# 207

Delta R.T. 0.27 min

Lab File: VN058291.D

Acq: 23 Sep 2019 14:45

Instrument :

MSVOA_N

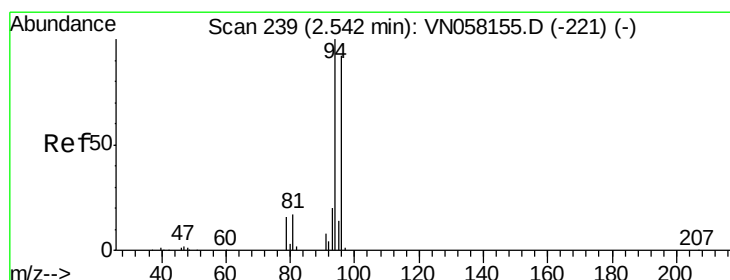
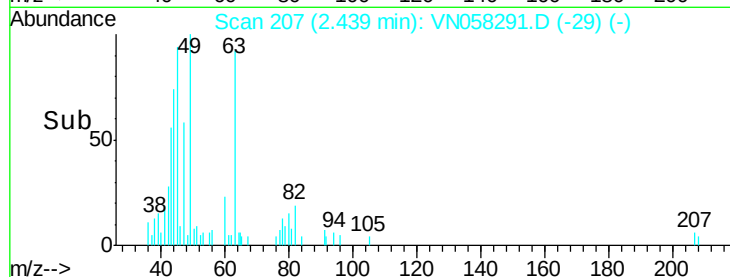
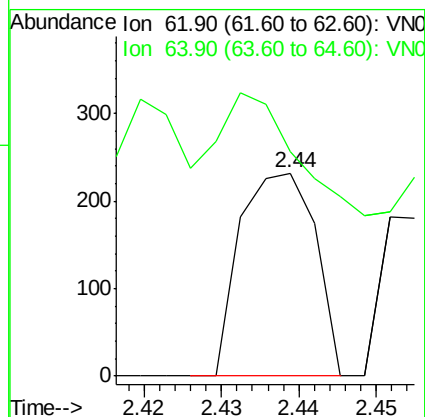
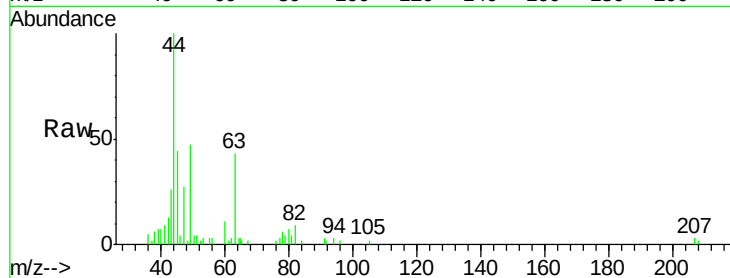
ClientSampled :

Tot Ion: 62 Resp: 157

Ion Ratio Lower Upper

62 100

64 22.4 25.4 38.2#



#5

Bromomethane

Concen: 0.972 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN058291.D

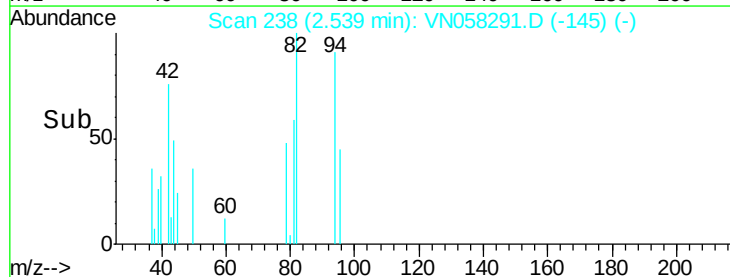
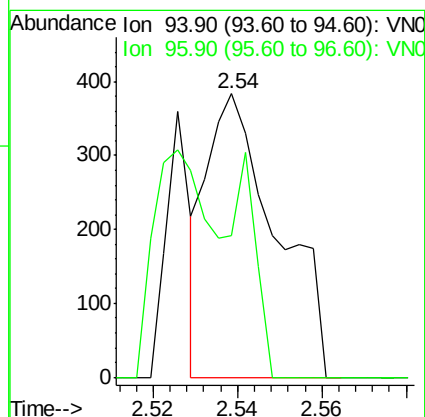
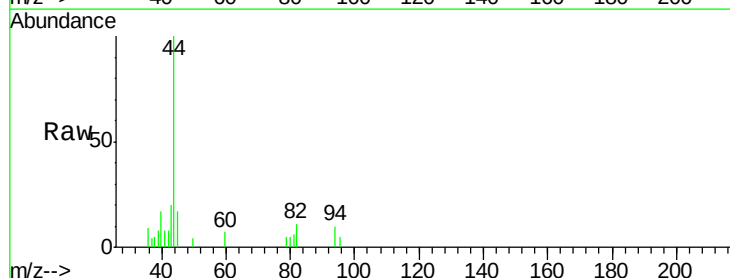
Acq: 23 Sep 2019 14:45

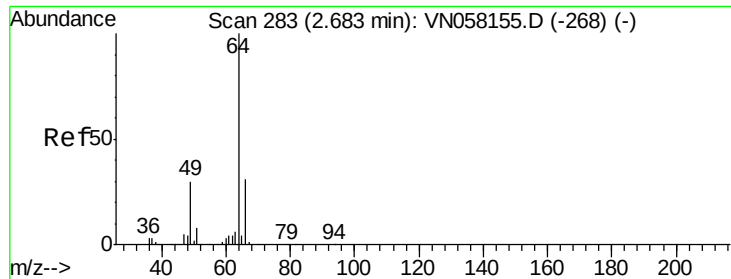
Tgt Ion: 94 Resp: 442

Ion Ratio Lower Upper

94 100

96 49.9 73.3 109.9#





#6

Chloroethane

Concen: Below Cal

RT: 2.87 min Scan# 340

Delta R.T. 0.18 min

Lab File: VN058291.D

Acq: 23 Sep 2019 14:45

Instrument :

MSVOA_N

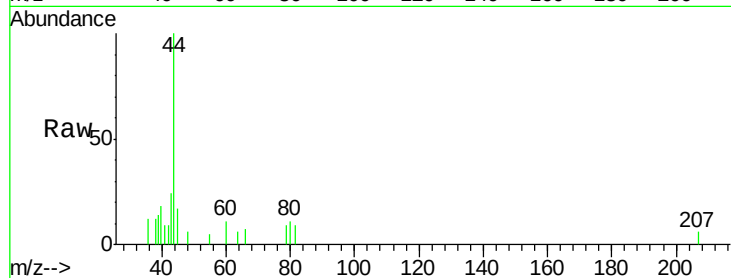
ClientSampled :

Tot Ion: 64 Resp: 67

Ion Ratio Lower Upper

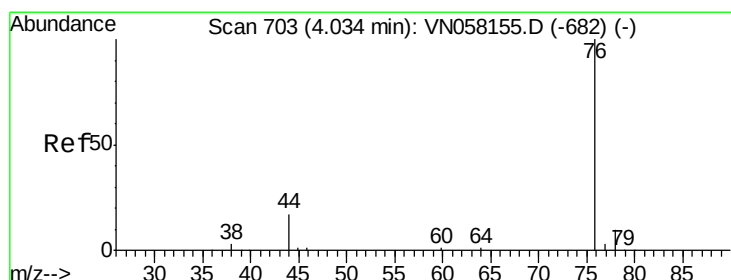
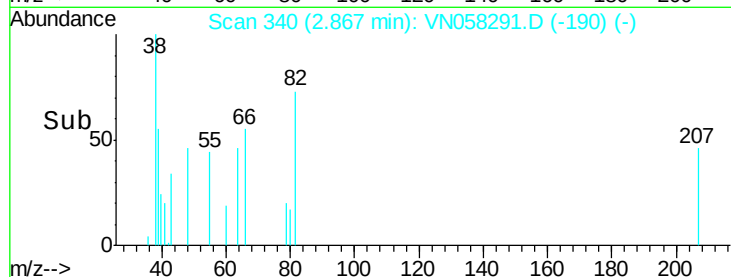
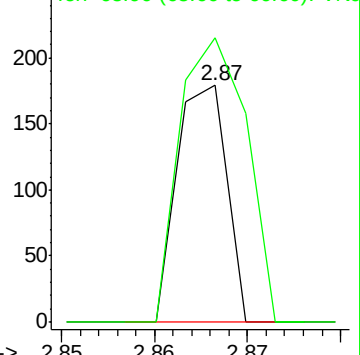
64 100

66 120.1 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#17

Carbon Disulfide

Concen: 0.326 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VN058291.D

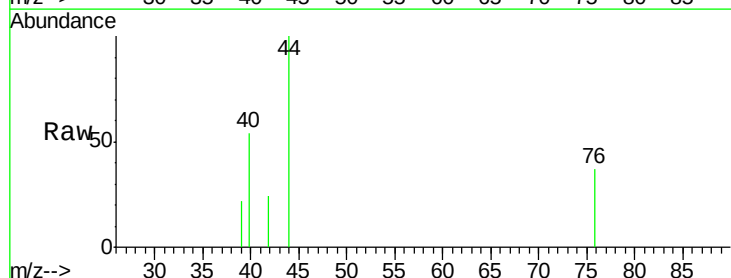
Acq: 23 Sep 2019 14:45

Tgt Ion: 76 Resp: 228

Ion Ratio Lower Upper

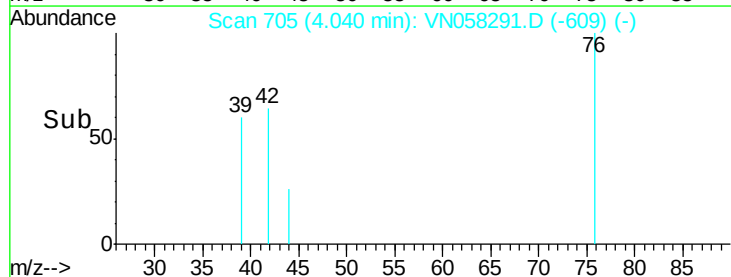
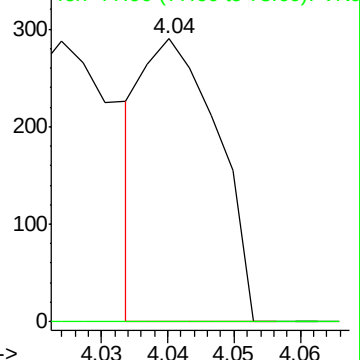
76 100

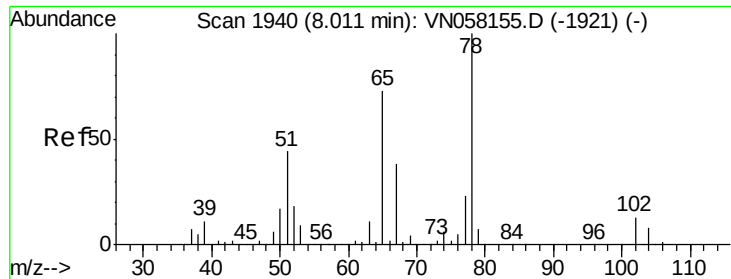
78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

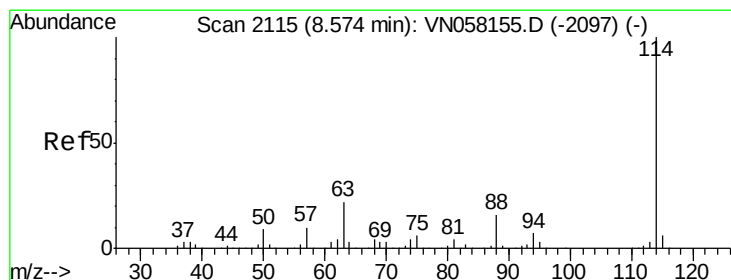
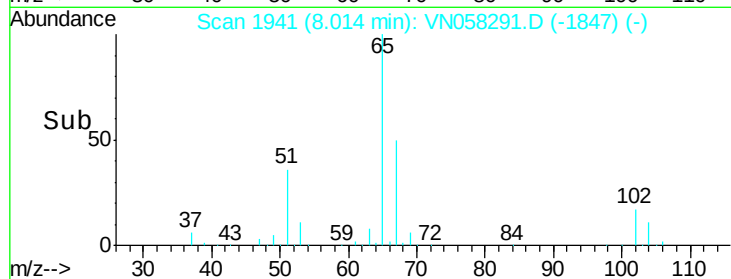
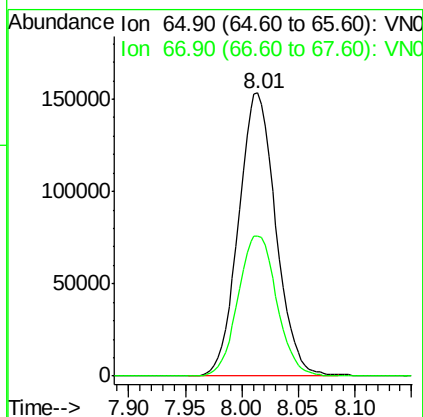
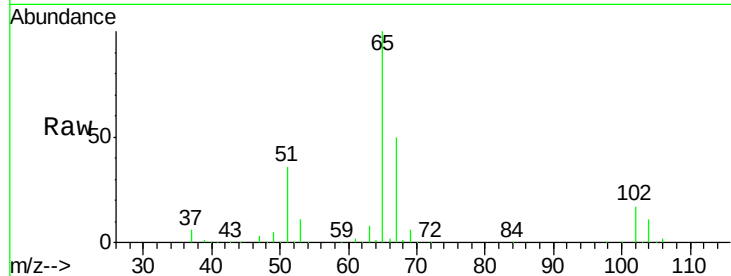




#33
 1,2-Dichloroethane-d4
 Concen: 53.185 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058291.D
 Acq: 23 Sep 2019 14:45

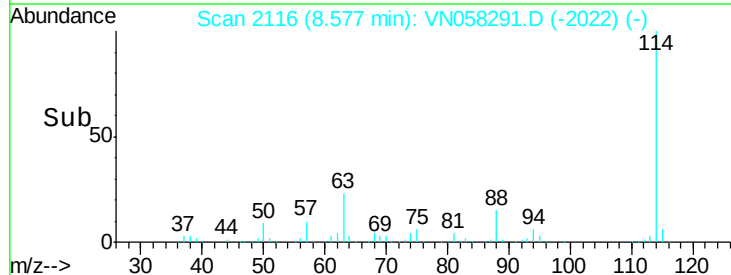
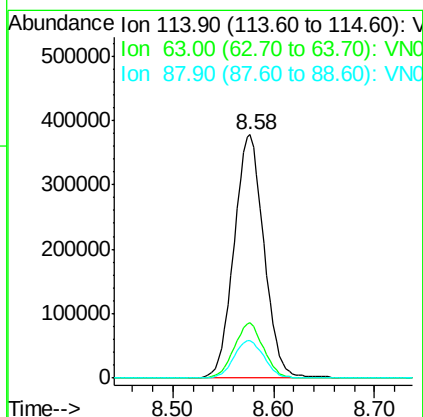
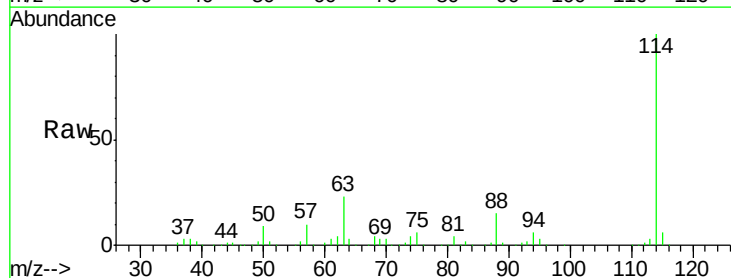
Instrument :
 MSVOA_N
 ClientSampleId :

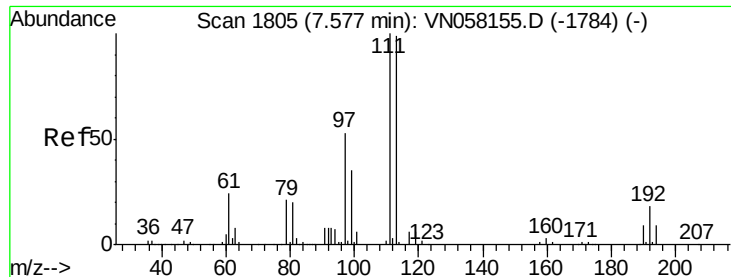
Tot Ion: 65 Resp: 352258
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058291.D
 Acq: 23 Sep 2019 14:45

Tgt Ion:114 Resp: 778177
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 44.2
 88 15.4 0.0 31.6

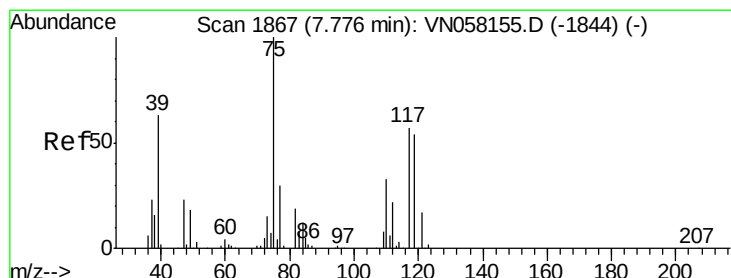
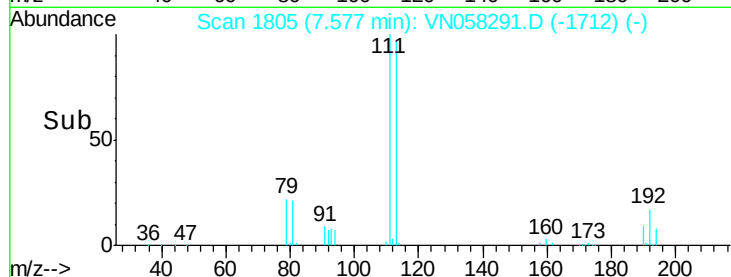
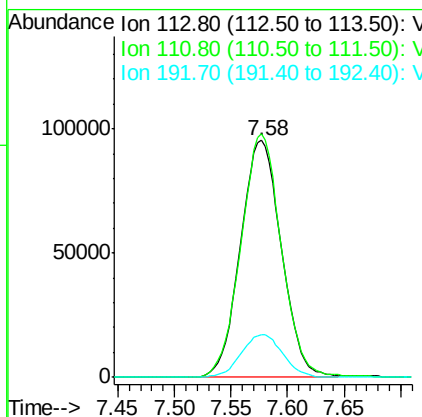
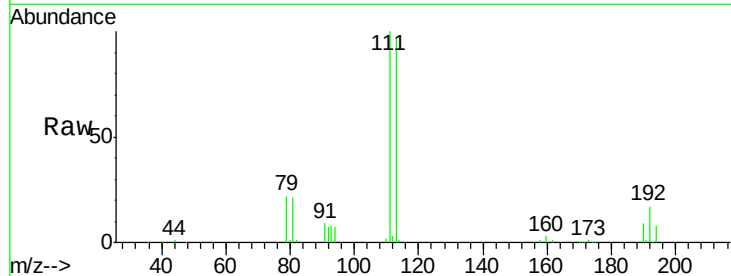




#35
 Dibromofluoromethane
 Concen: 50.741 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058291.D
 Acq: 23 Sep 2019 14:45

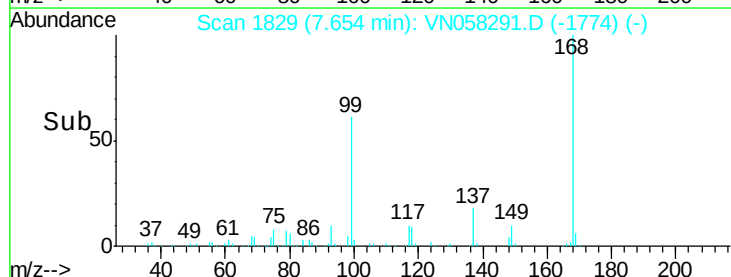
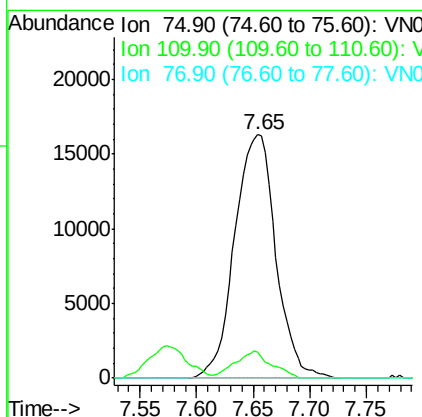
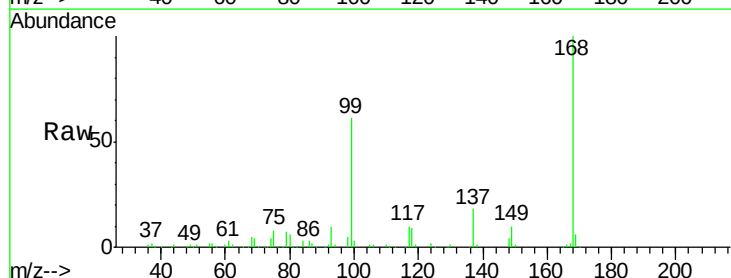
Instrument :
 MSVOA_N
 ClientSampled :

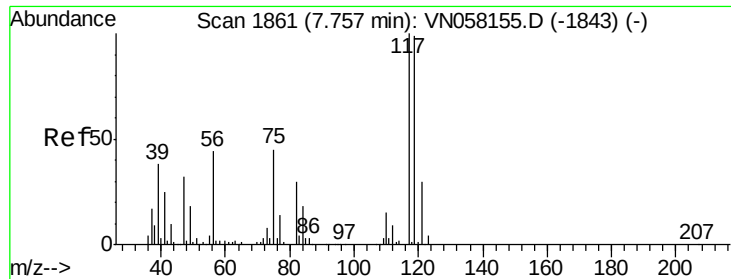
Tot Ion:113 Resp: 240041
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.6
 192 18.2 14.5 21.7



#36
 1,1-Dichloropropene
 Concen: 7.352 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN058291.D
 Acq: 23 Sep 2019 14:45

Tgt Ion: 75 Resp: 41259
 Ion Ratio Lower Upper
 75 100
 110 9.8 16.6 49.7#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 8.680 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058291.D

Acq: 23 Sep 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

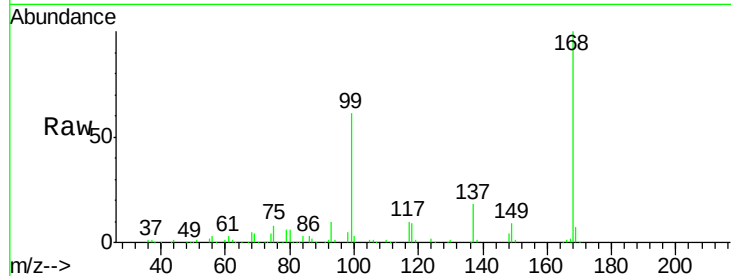
Tot Ion:117 Resp: 48964

Ion Ratio Lower Upper

117 100

119 5.6 78.6 117.8#

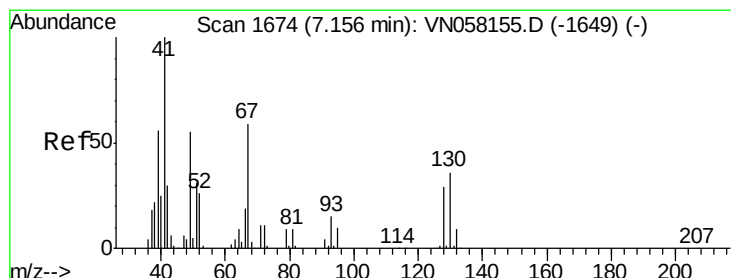
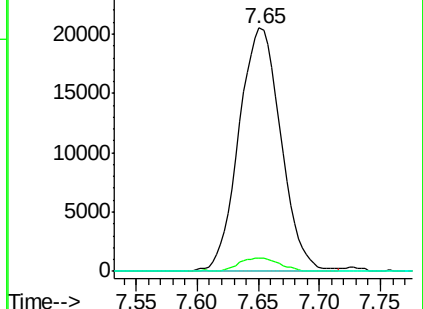
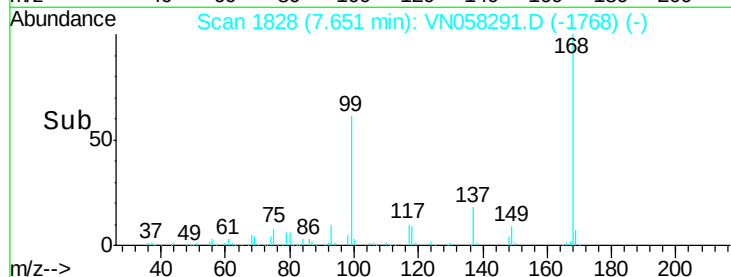
121 0.0 24.1 36.1#



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



#41

Methacrylonitrile

Concen: 0.934 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.02 min

Lab File: VN058291.D

Acq: 23 Sep 2019 14:45

Tgt Ion: 41 Resp: 69

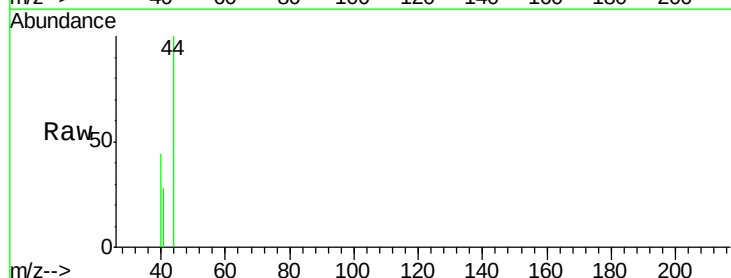
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

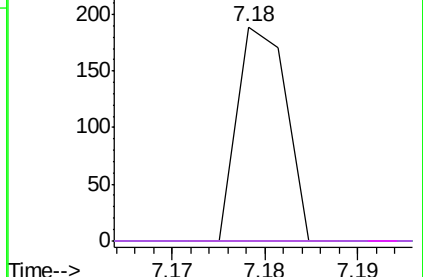
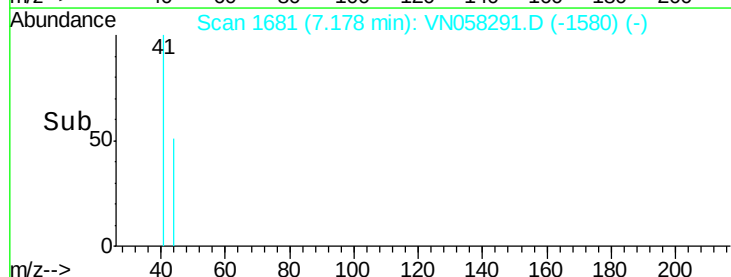


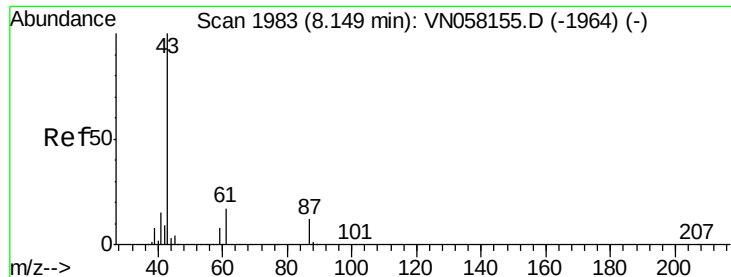
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 0.378 ug/l

RT: 8.22 min Scan# 2004

Delta R.T. 0.07 min

Lab File: VN058291.D

Acq: 23 Sep 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

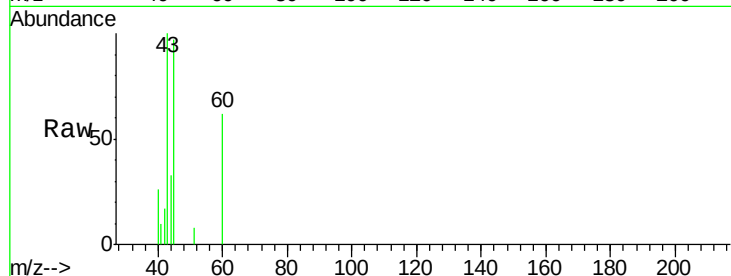
Tot Ion: 43 Resp: 4107

Ion Ratio Lower Upper

43 100

61 0.0 19.7 29.5#

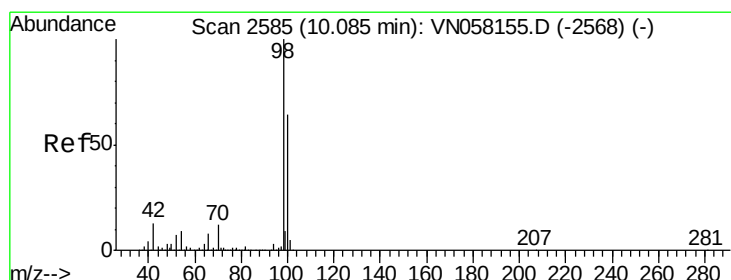
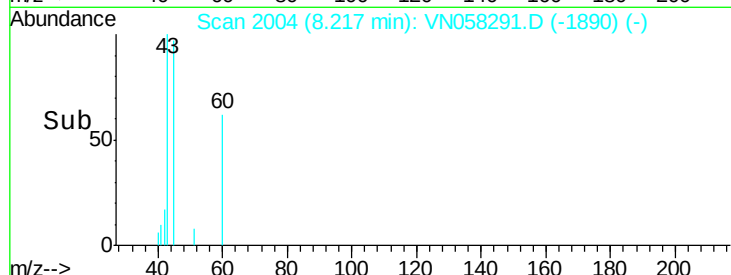
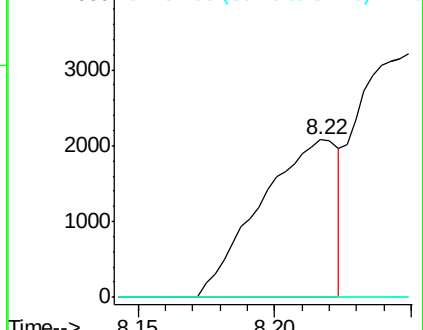
87 0.0 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 53.556 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058291.D

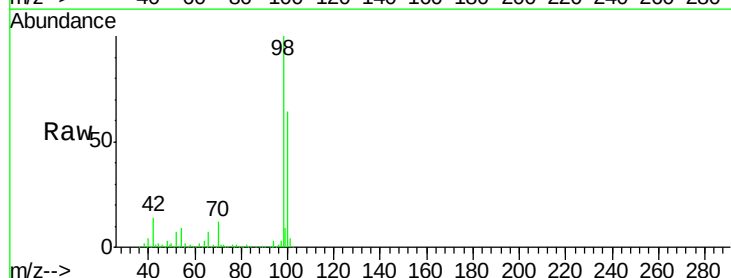
Acq: 23 Sep 2019 14:45

Tgt Ion: 98 Resp: 987128

Ion Ratio Lower Upper

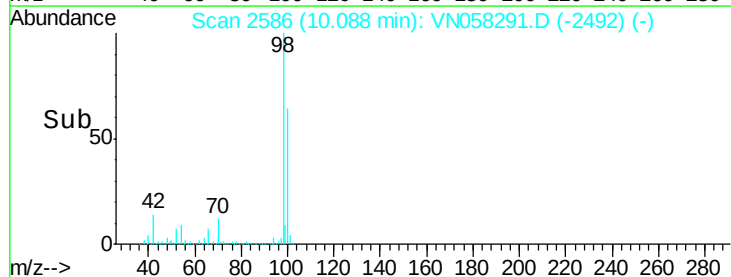
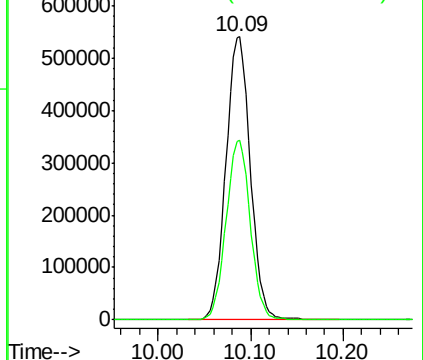
98 100

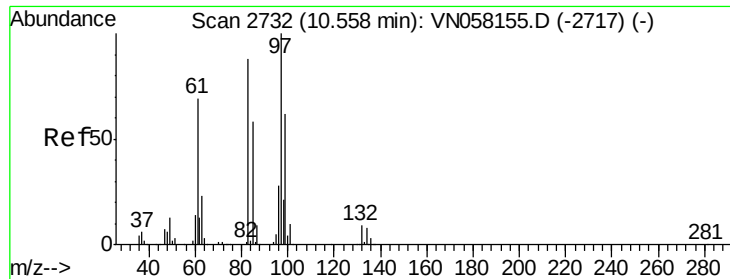
100 63.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

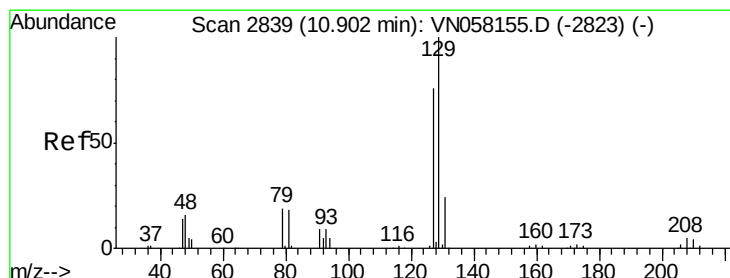
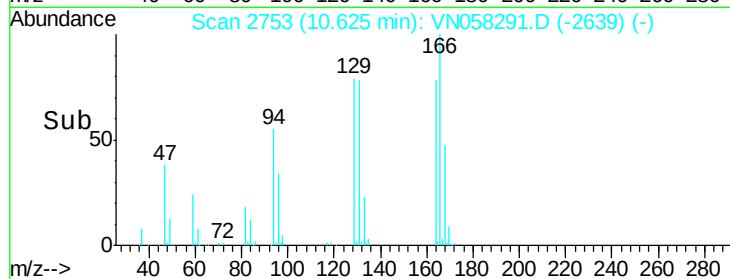
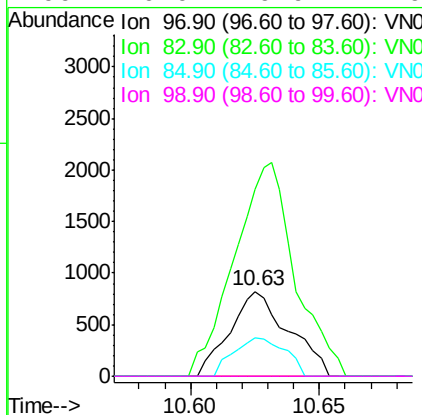
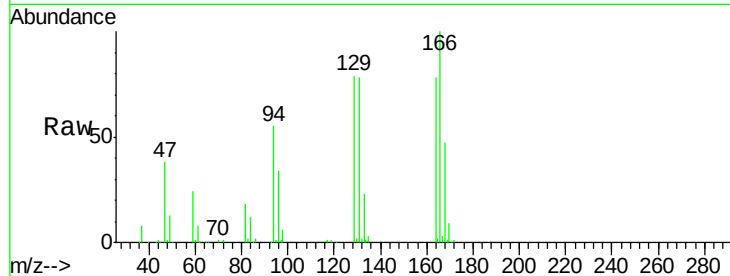




#55
 1,1,2-Trichloroethane
 Concen: 0.274 ug/l
 RT: 10.63 min Scan# 2753
 Delta R.T. 0.07 min
 Lab File: VN058291.D
 Acq: 23 Sep 2019 14:45

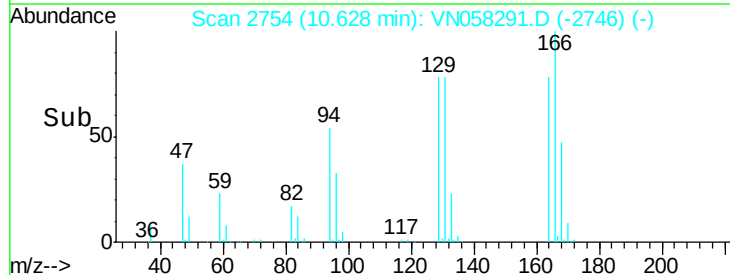
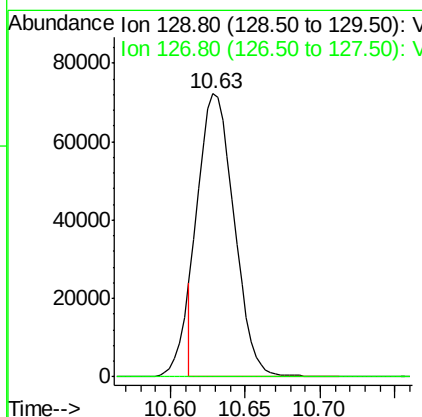
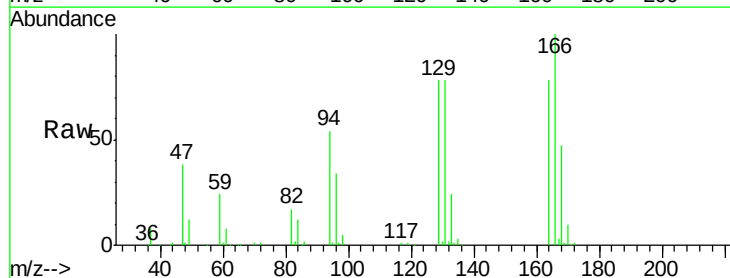
Instrument :
 MSVOA_N
 ClientSampled :

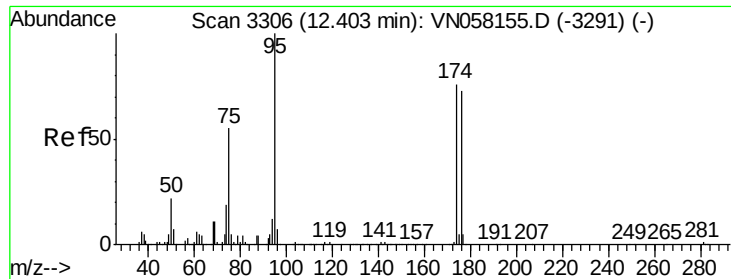
Tot Ion	Ratio	Lower	Upper
97	100		
83	220.2	70.4	105.6#
85	44.9	46.8	70.2#
99	0.0	49.9	74.9#



#60
 Dibromochloromethane
 Concen: 26.013 ug/l
 RT: 10.63 min Scan# 2754
 Delta R.T. -0.27 min
 Lab File: VN058291.D
 Acq: 23 Sep 2019 14:45

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.7	116.1#

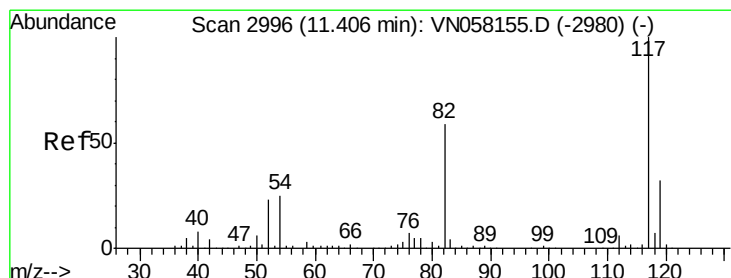
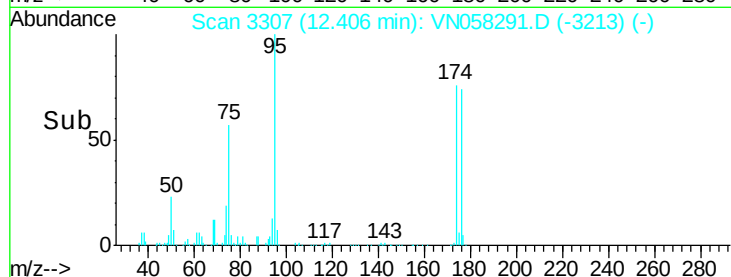
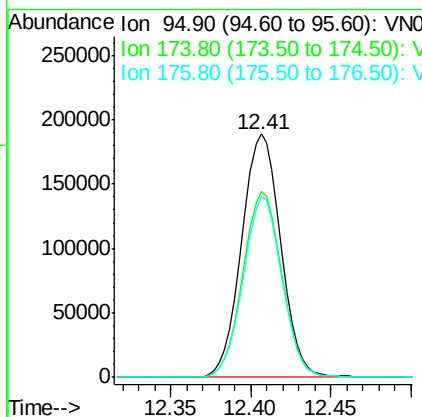
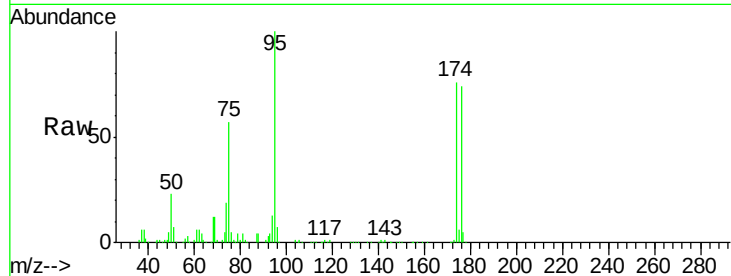




#62
4-Bromofluorobenzene
Concen: 45.849 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058291.D
Acq: 23 Sep 2019 14:45

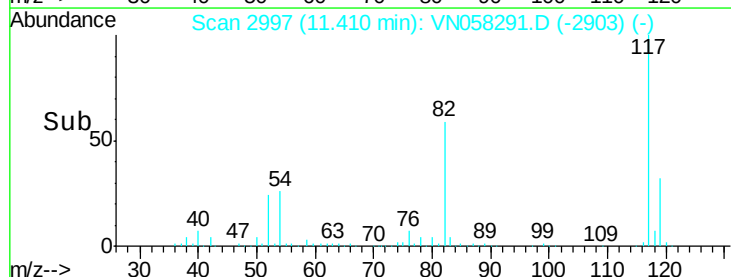
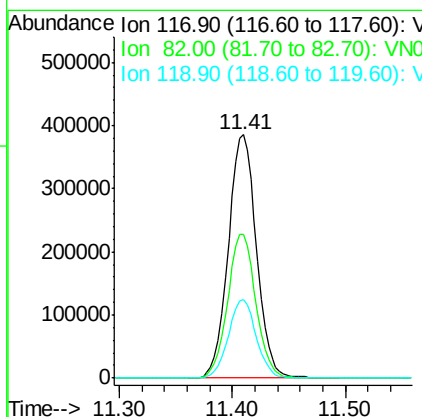
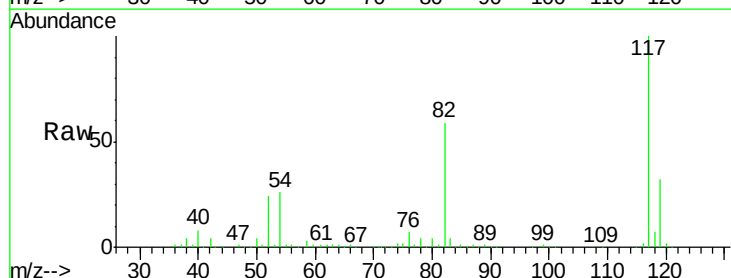
Instrument :
MSVOA_N
ClientSampled :

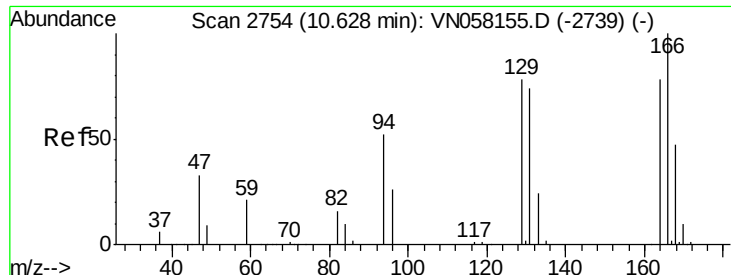
Tot Ion: 95 Resp: 313910
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.2
176 73.7 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058291.D
Acq: 23 Sep 2019 14:45

Tgt Ion: 117 Resp: 666475
Ion Ratio Lower Upper
117 100
82 58.8 46.9 70.3
119 32.2 25.3 37.9





#64

Tetrachloroethene

Concen: 40.284 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

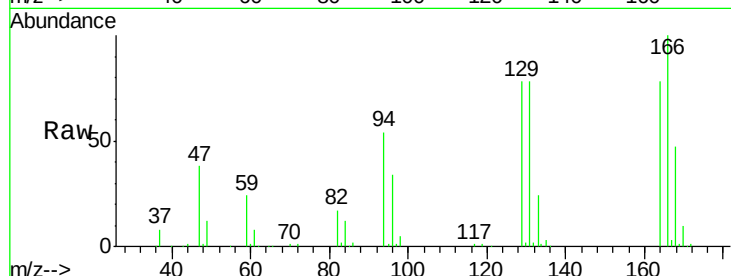
Lab File: VN058291.D

Acq: 23 Sep 2019 14:45

Instrument :

MSVOA_N

ClientSampled :



Tot Ion:164 Resp: 130880

Ion Ratio Lower Upper

164 100

166 128.4 102.2 153.4

129 100.5 79.6 119.4

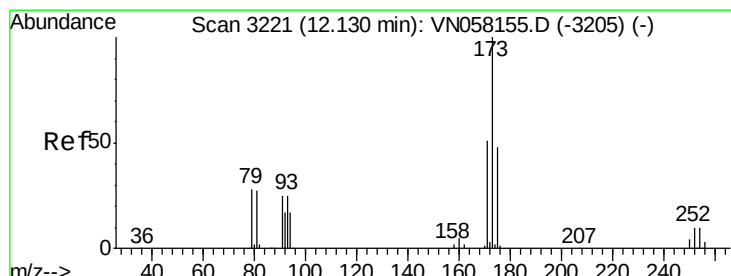
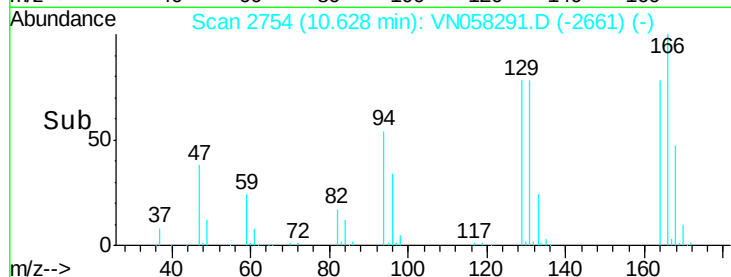
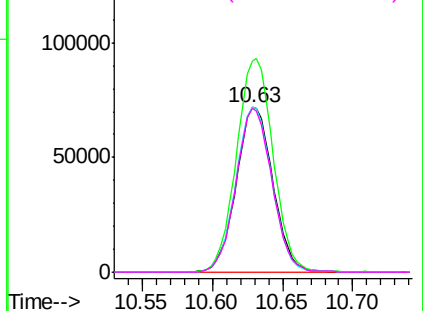
131 99.6 76.0 114.0

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: 4.019 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058291.D

Acq: 23 Sep 2019 14:45

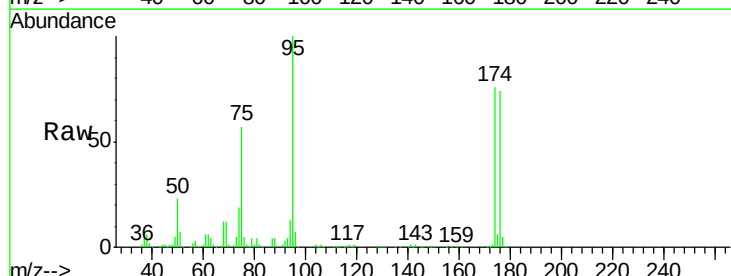
Tgt Ion:173 Resp: 1438

Ion Ratio Lower Upper

173 100

175 1045.5 24.2 72.6#

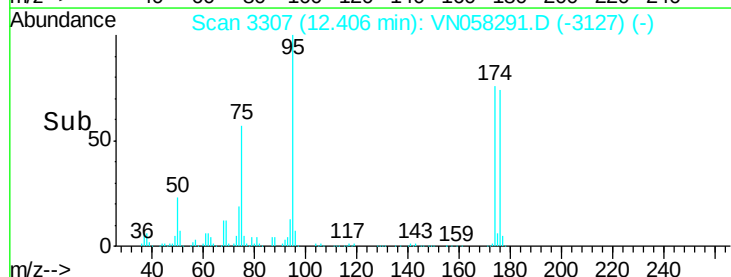
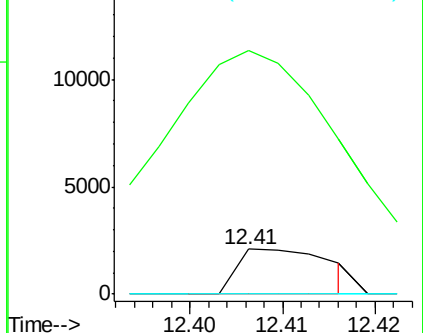
254 0.0 0.1 0.1#

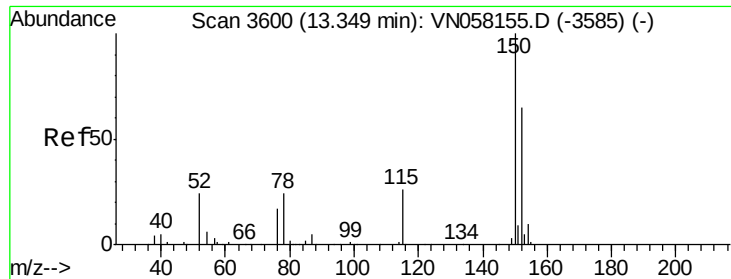


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



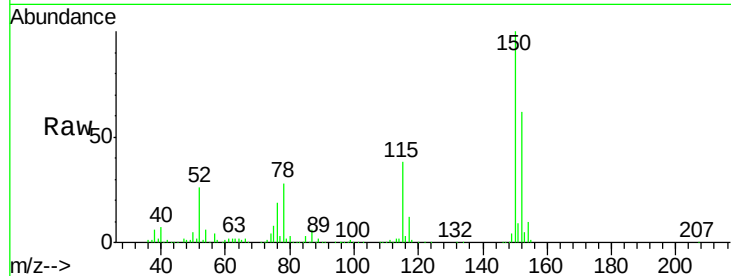


#72

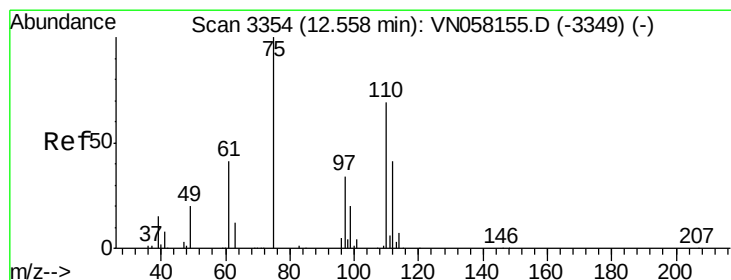
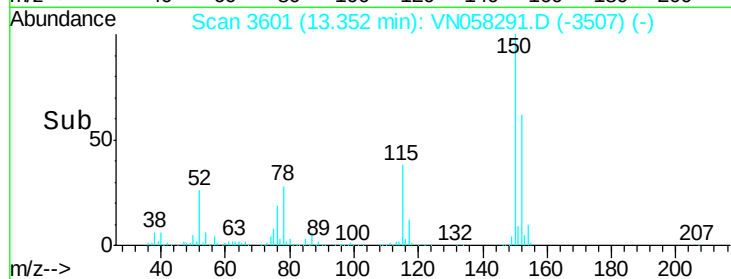
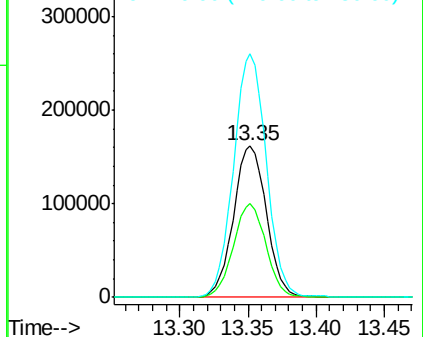
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058291.D
Acq: 23 Sep 2019 14:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 271938
Ion Ratio Lower Upper
152 100
115 61.3 30.1 90.3
150 160.0 0.0 346.4



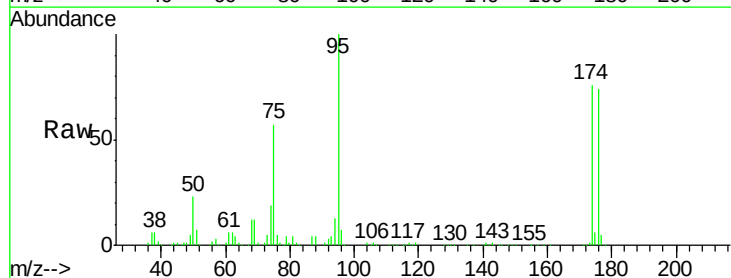
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



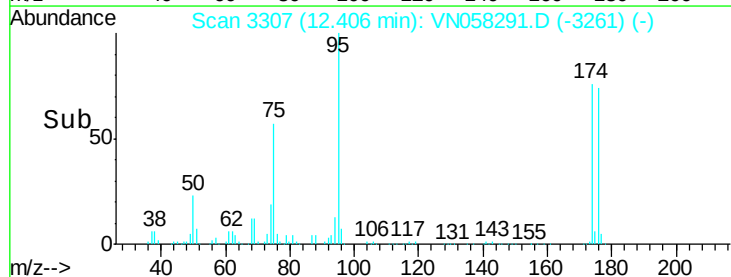
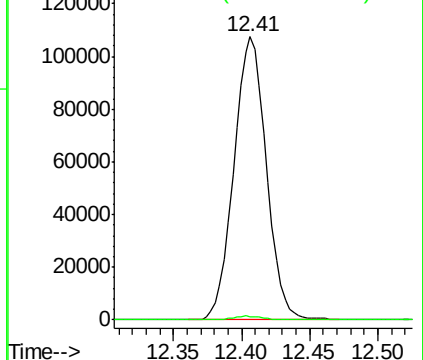
#76

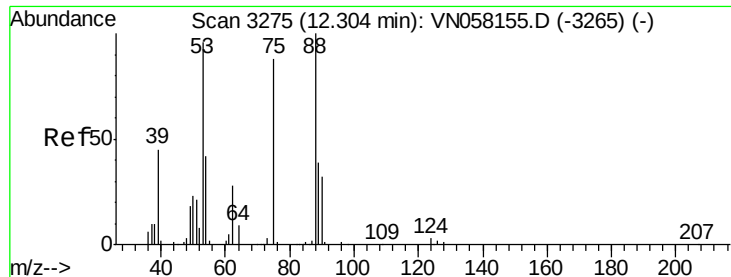
1,2,3-Trichloropropane
Concen: 36.371 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058291.D
Acq: 23 Sep 2019 14:45

Tgt Ion: 75 Resp: 177014
Ion Ratio Lower Upper
75 100
77 1.3 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: 101.517 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058291.D

Acq: 23 Sep 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 177014

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 36.2 54.2#

