

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059173.D
 Acq On : 11 Nov 2019 19:42
 Operator : JC/SP
 Sample : K5760-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 12 00:46:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	429361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	672704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	597702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	218751	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	280317	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	
35) Dibromofluoromethane	7.57	113	212787	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
50) Toluene-d8	10.08	98	830412	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.40	95	268308	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	

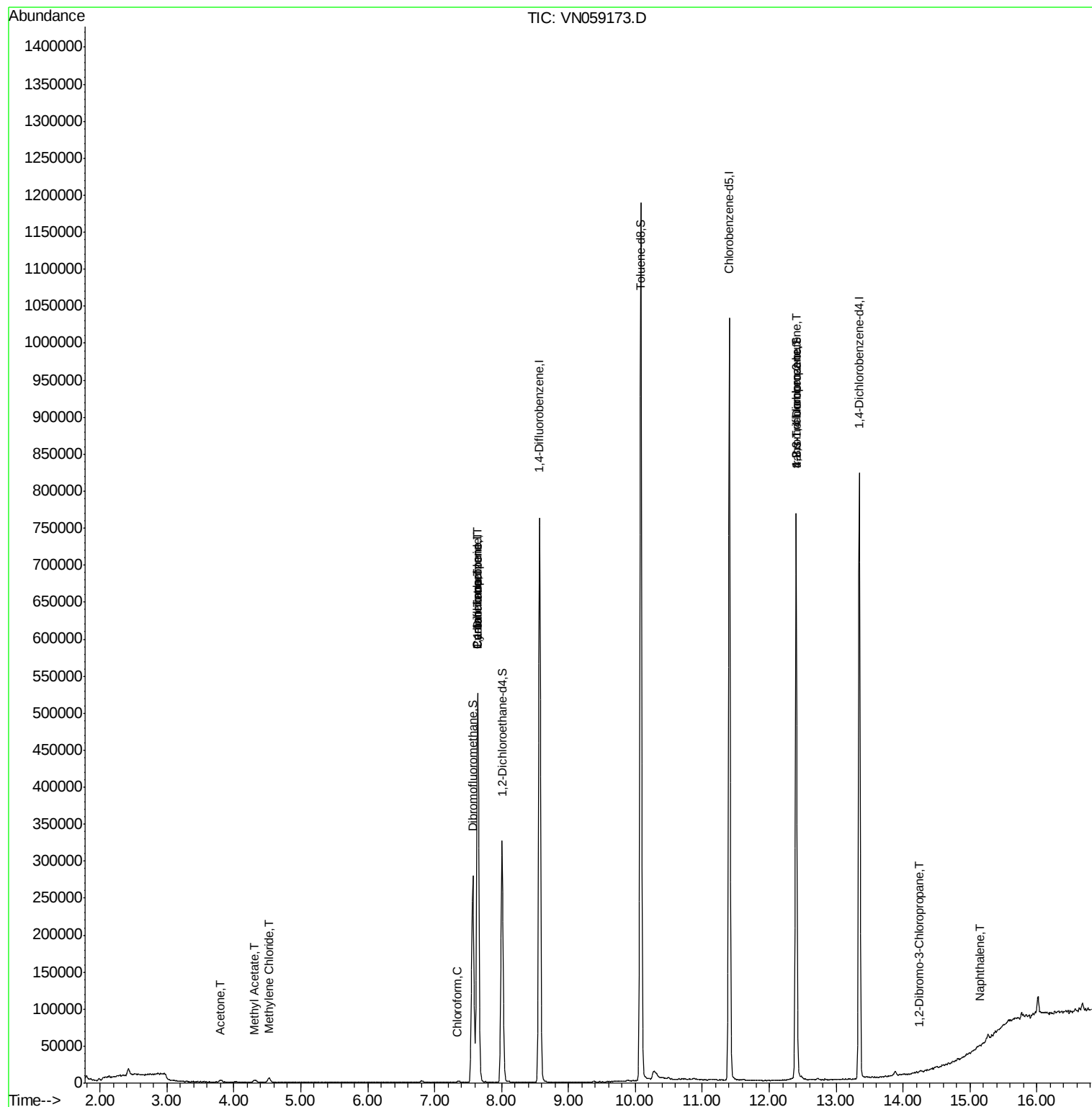
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	4860	1.771	ug/l	91
18) Methyl Acetate	4.31	43	6463	0.992	ug/l	97
20) Methylene Chloride	4.53	84	4479	0.937	ug/l	94
30) Chloroform	7.34	83	2317	0.278	ug/l #	69
31) Cyclohexane	7.64	56	9301	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	33655	5.352	ug/l #	50
38) Carbon Tetrachloride	7.64	117	41884	6.692	ug/l #	17
76) 1,2,3-Trichloropropane	12.40	75	136874	27.483	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	136874	72.592	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.23	75	339	0.340	ug/l #	3
95) Naphthalene	15.14	128	143	3.057	ug/l #	70

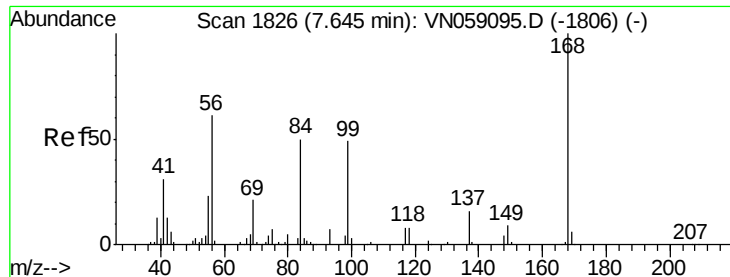
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111119\
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059173.D

Acq: 11 Nov 2019 19:42

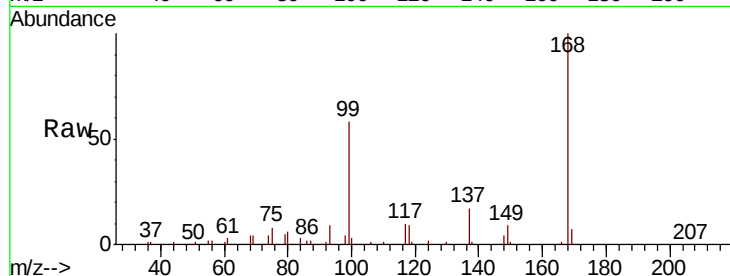
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 429361

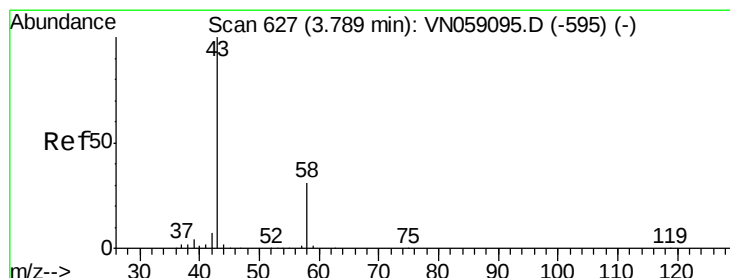
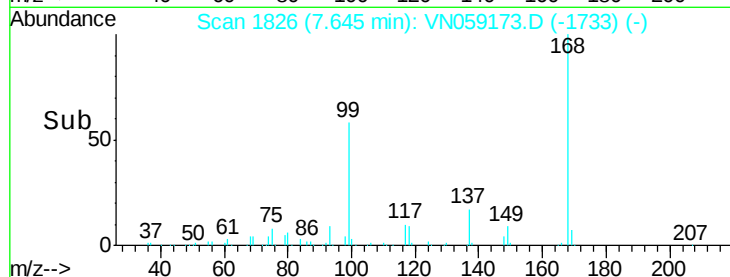
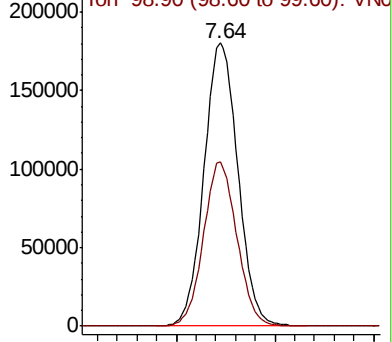
Ion Ratio Lower Upper

168 100

99 58.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059173.D (-1733) (-)



#16

Acetone

Concen: 1.771 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059173.D

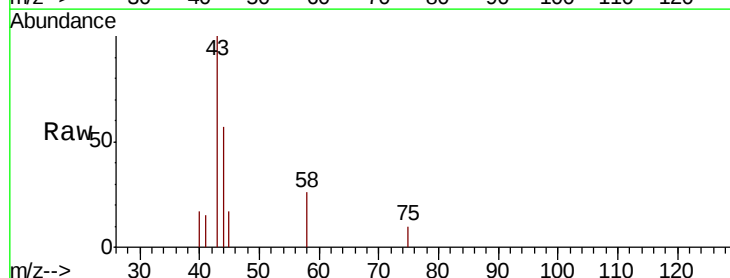
Acq: 11 Nov 2019 19:42

Tgt Ion: 43 Resp: 4860

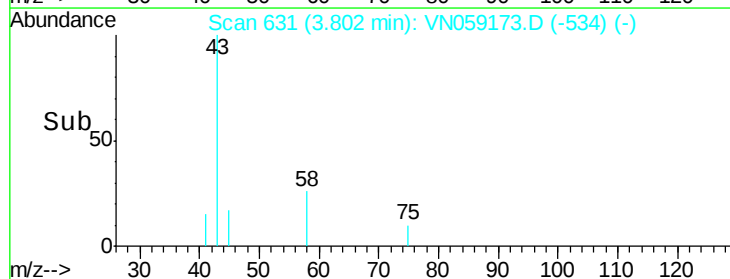
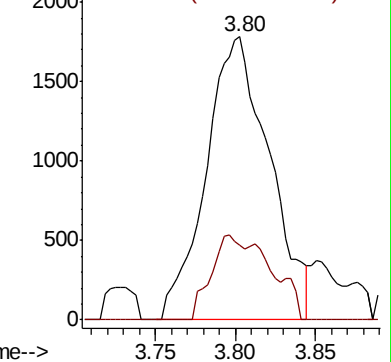
Ion Ratio Lower Upper

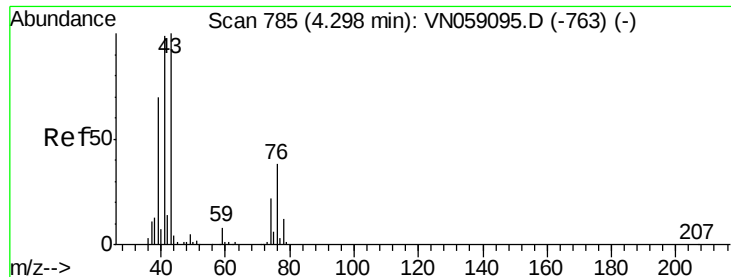
43 100

58 26.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059173.D (-534) (-)

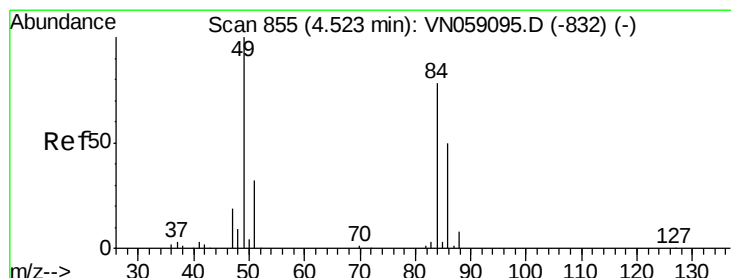
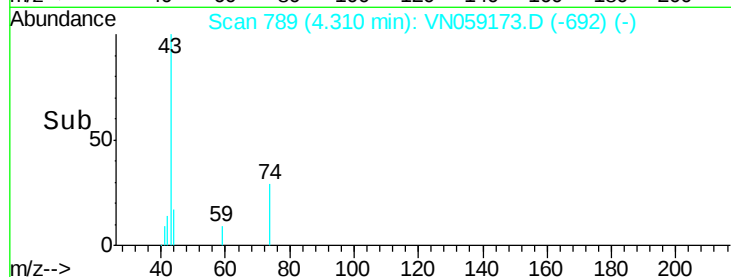
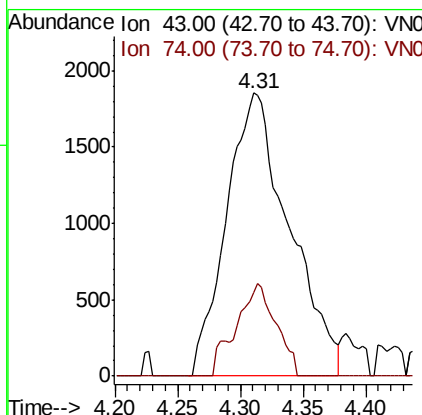
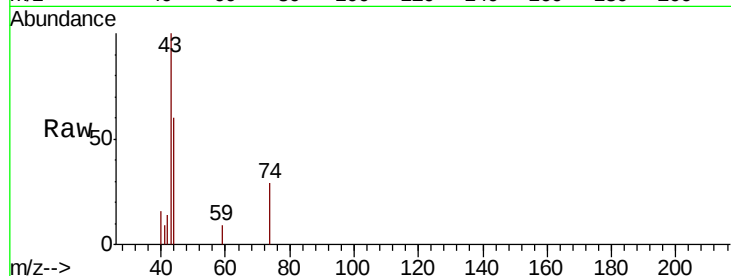




#18
Methvl Acetate
Concen: 0.992 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN059173.D
Acq: 11 Nov 2019 19:42

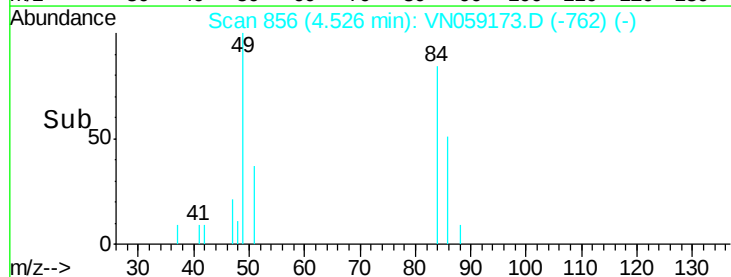
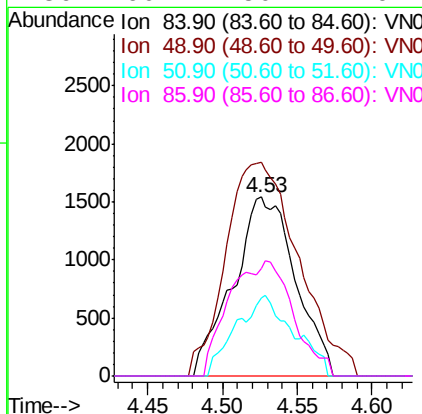
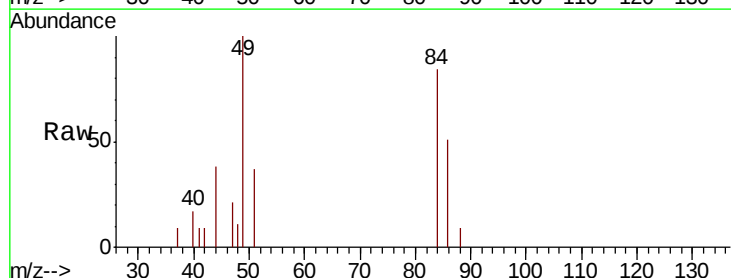
Instrument :
MSVOA_N
ClientSampleId :

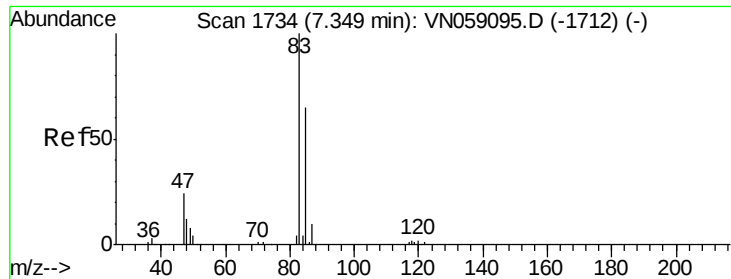
Tot Ion: 43 Resp: 6463
Ion Ratio Lower Upper
43 100
74 20.7 17.8 26.8



#20
Methylene Chloride
Concen: 0.937 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059173.D
Acq: 11 Nov 2019 19:42

Tgt Ion: 84 Resp: 4479
Ion Ratio Lower Upper
84 100
49 119.5 102.0 153.0
51 44.0 32.2 48.2
86 60.4 50.7 76.1

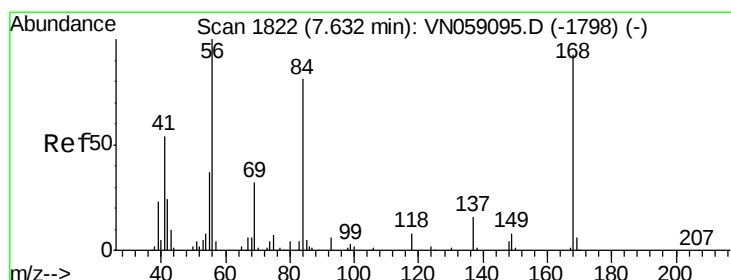
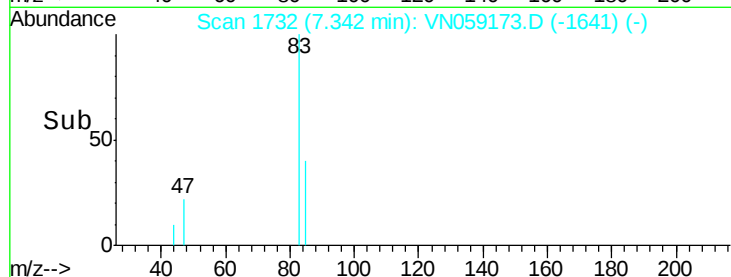
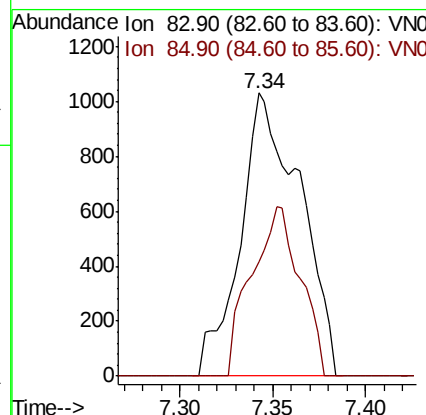
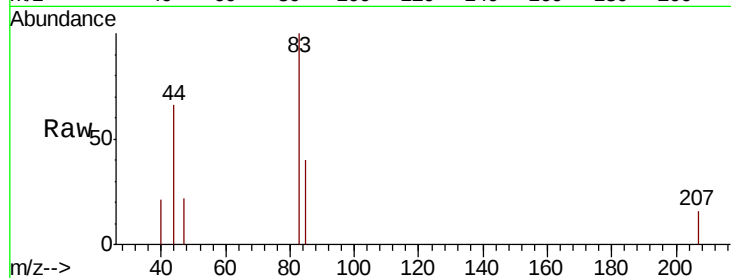




#30
Chloroform
Concen: 0.278 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VN059173.D
Acq: 11 Nov 2019 19:42

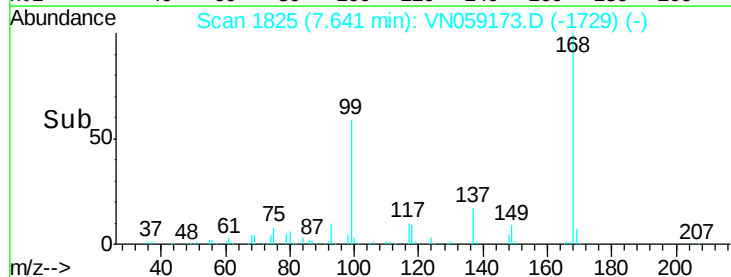
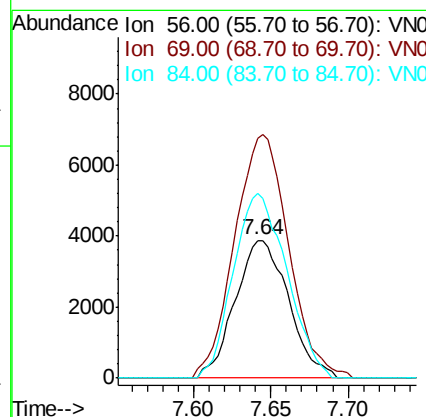
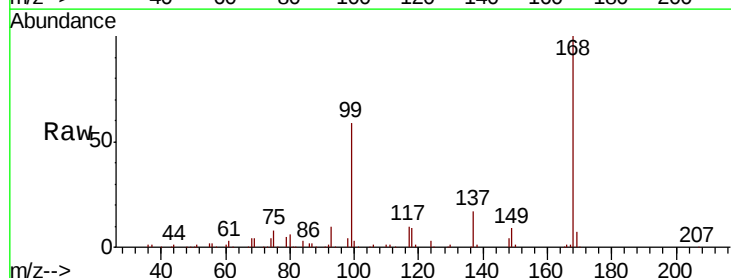
Instrument :
MSVOA_N
ClientSampleId :

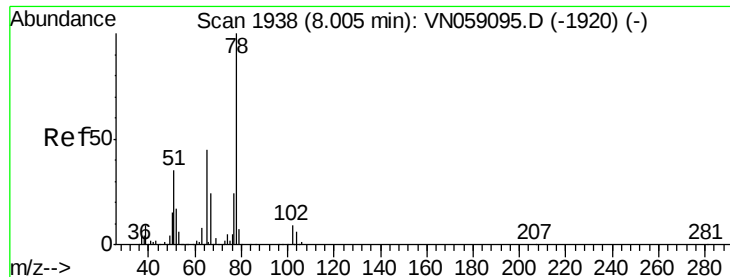
Tot Ion: 83 Resp: 2317
Ion Ratio Lower Upper
83 100
85 40.5 51.8 77.8#



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059173.D
Acq: 11 Nov 2019 19:42

Tgt Ion: 56 Resp: 9301
Ion Ratio Lower Upper
56 100
69 174.0 25.8 38.8#
84 134.3 65.0 97.4#

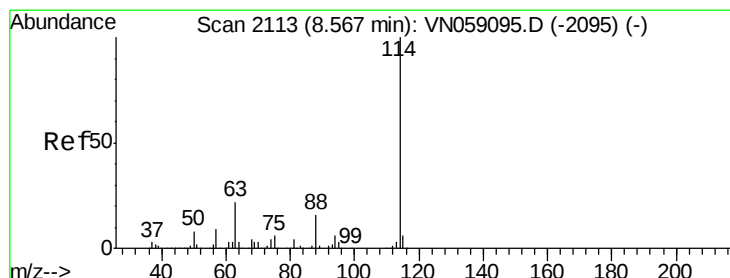
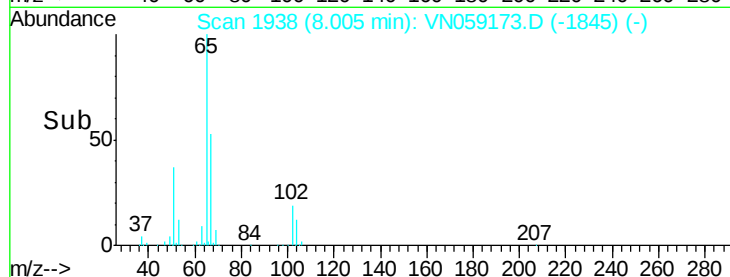
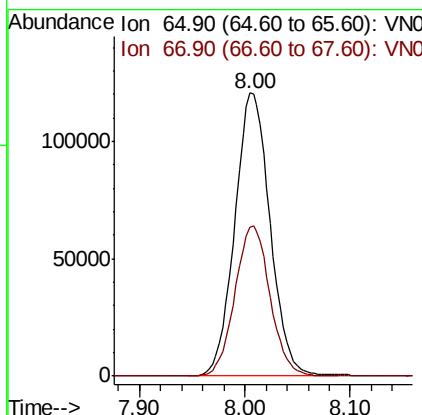
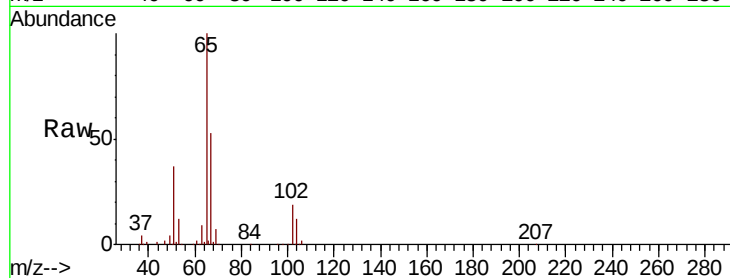




#33
 1,2-Dichloroethane-d4
 Concen: 53.111 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059173.D
 Acq: 11 Nov 2019 19:42

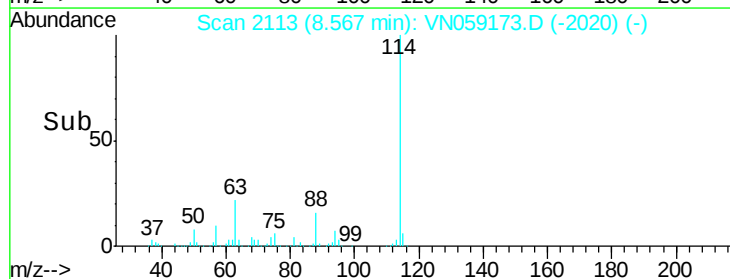
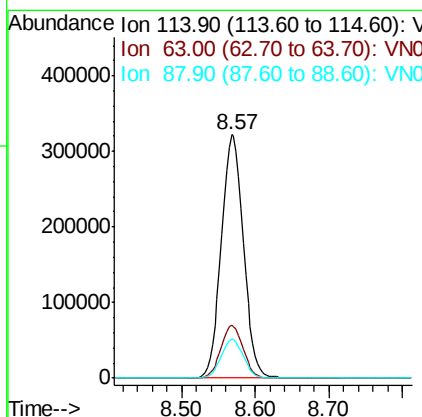
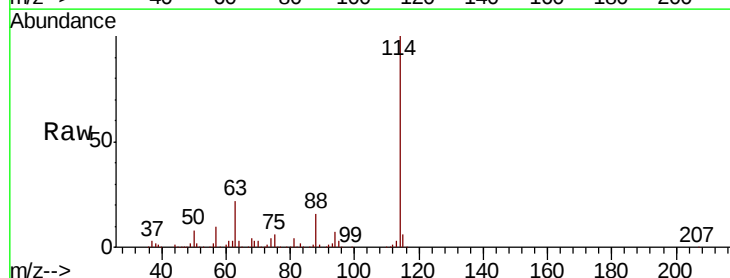
Instrument :
 MSVOA_N
 ClientSampled :

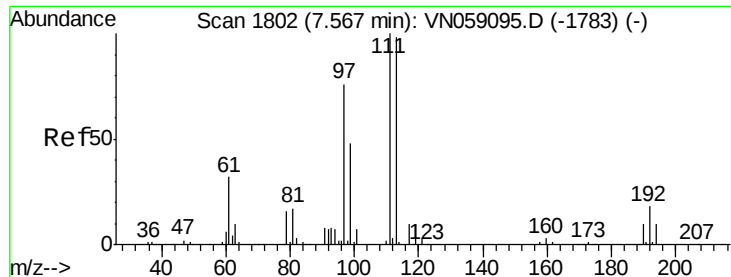
Tot Ion: 65 Resp: 280317
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059173.D
 Acq: 11 Nov 2019 19:42

Tgt Ion: 114 Resp: 672704
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.4
 88 16.2 0.0 32.2

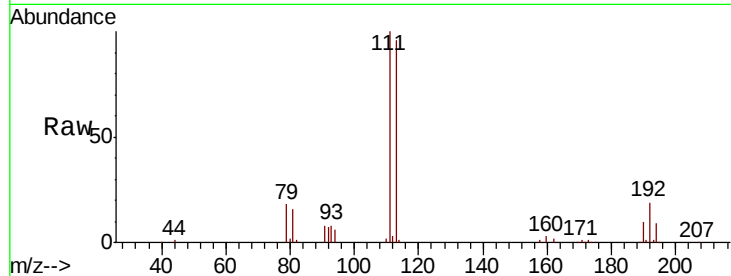




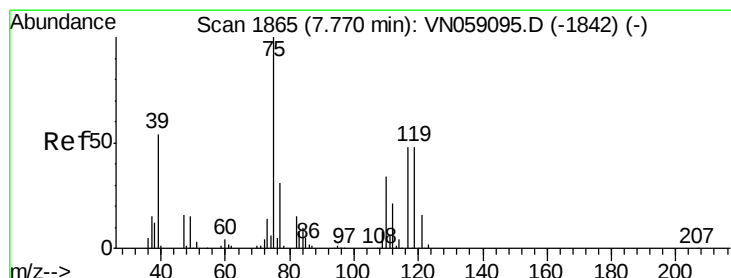
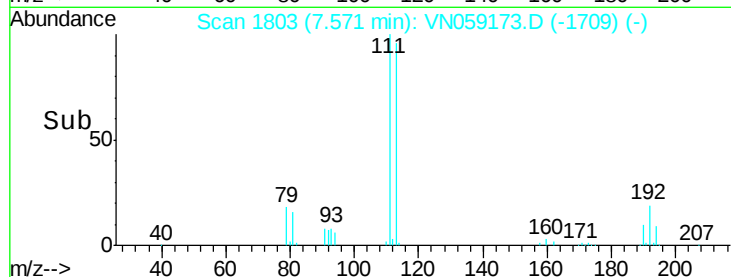
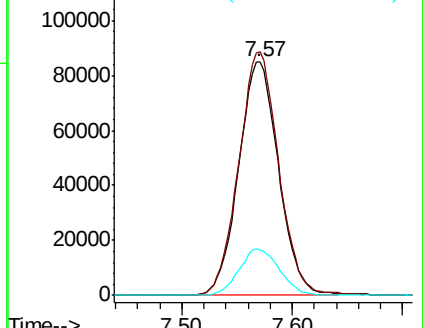
#35
Dibromofluoromethane
Concen: 52.976 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059173.D
Acq: 11 Nov 2019 19:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.8	124.2
192	20.1	16.1	24.1

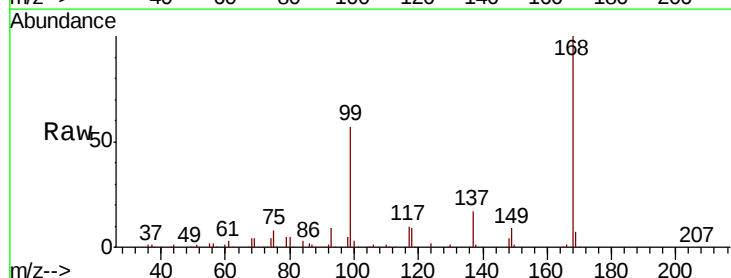


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

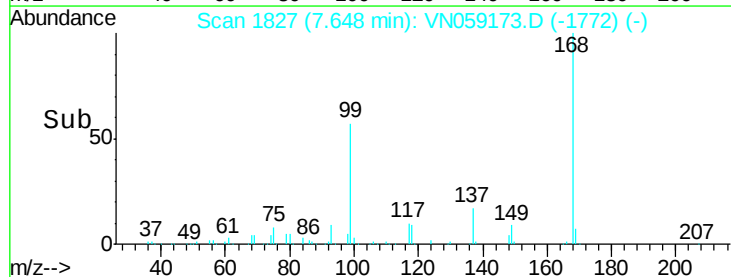
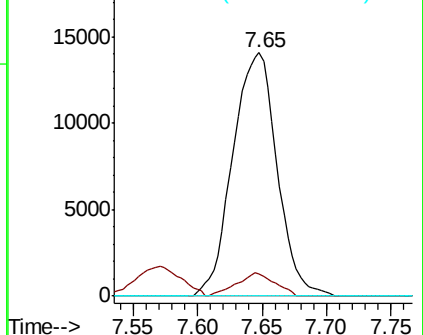


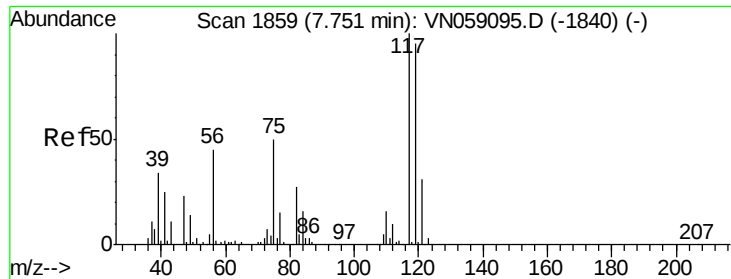
#36
1,1-Dichloropropene
Concen: 5.352 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.12 min
Lab File: VN059173.D
Acq: 11 Nov 2019 19:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.1	51.2#
77	0.0	24.8	37.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 6.692 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059173.D

Acq: 11 Nov 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

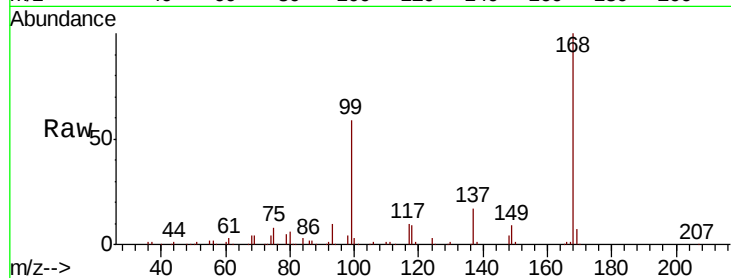
Tot Ion:117 Resp: 41884

Ion Ratio Lower Upper

117 100

119 5.4 75.6 113.4#

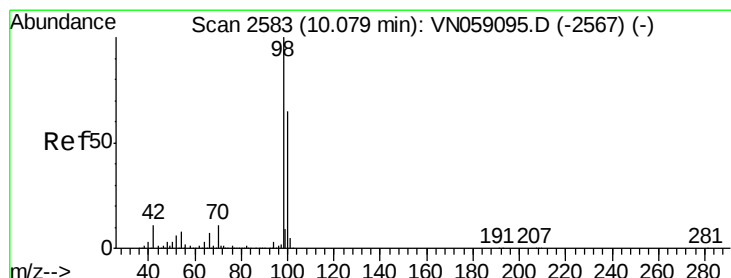
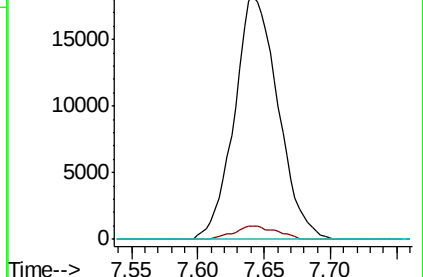
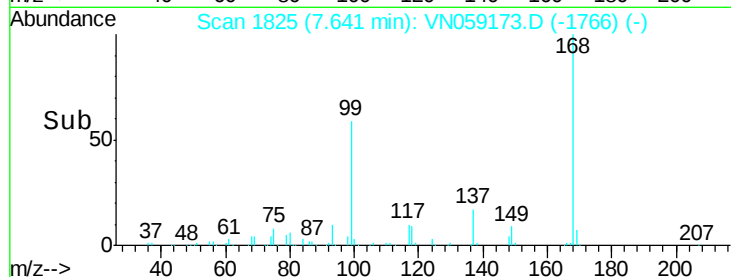
121 0.0 24.6 36.8#



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: 52.487 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059173.D

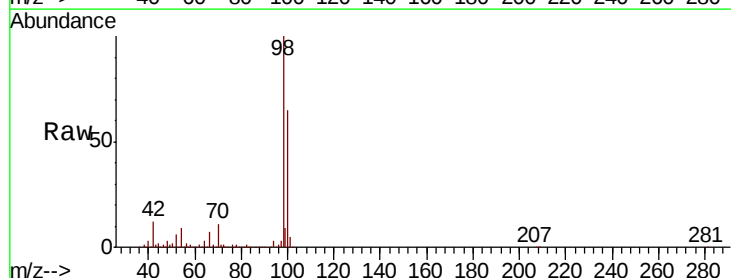
Acq: 11 Nov 2019 19:42

Tgt Ion: 98 Resp: 830412

Ion Ratio Lower Upper

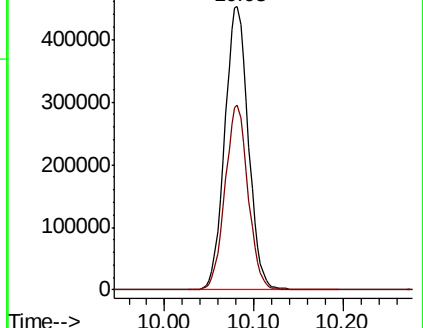
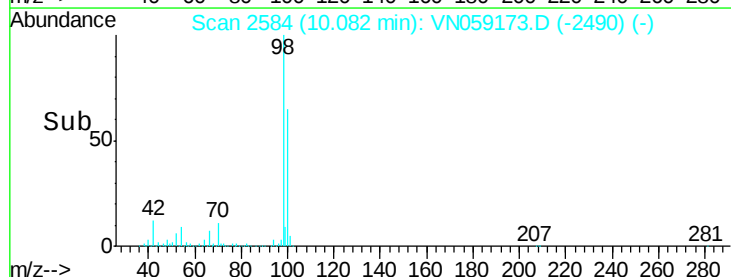
98 100

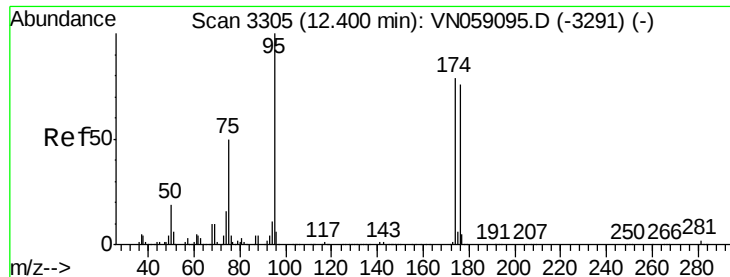
100 63.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 47.034 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059173.D

Acq: 11 Nov 2019 19:42

Instrument :

MSVOA_N

ClientSampled :

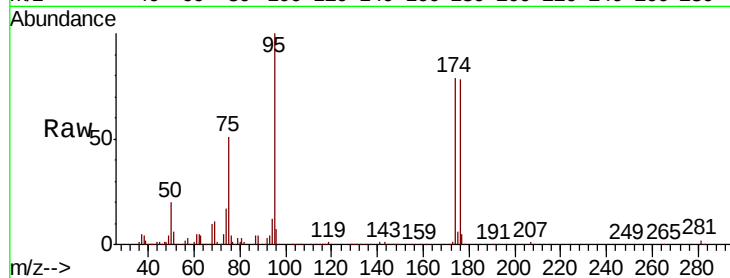
Tot Ion: 95 Resp: 268308

Ion Ratio Lower Upper

95 100

174 78.2 0.0 158.2

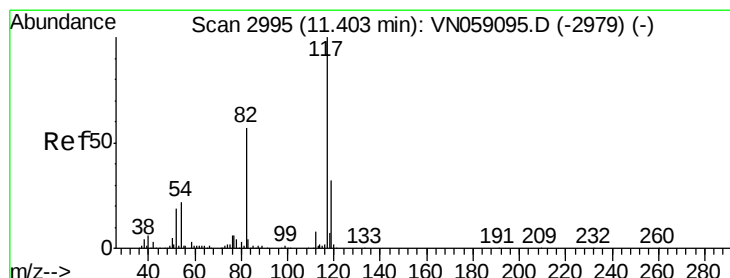
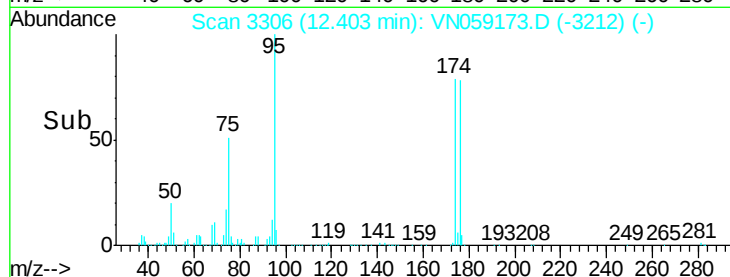
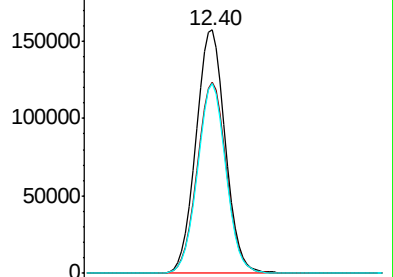
176 75.8 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059173.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059173.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059173.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059173.D

Acq: 11 Nov 2019 19:42

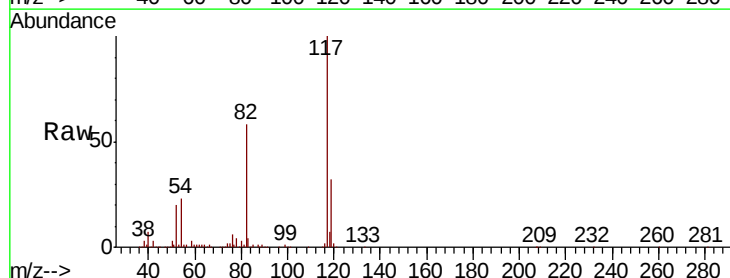
Tgt Ion: 117 Resp: 597702

Ion Ratio Lower Upper

117 100

82 57.6 45.8 68.8

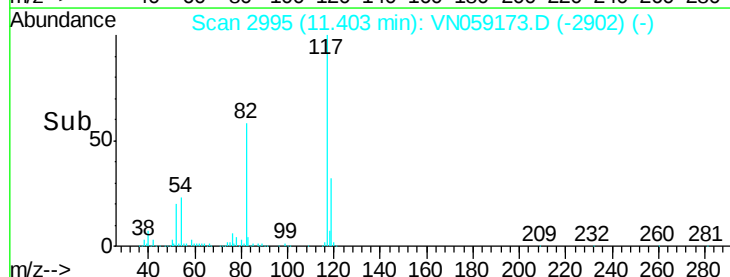
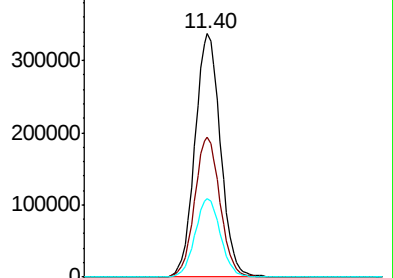
119 32.5 25.8 38.6

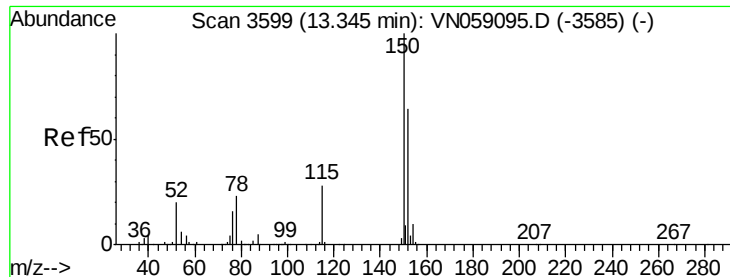


Abundance Ion 116.90 (116.60 to 117.60): VN059173.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059173.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059173.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059173.D

Acq: 11 Nov 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

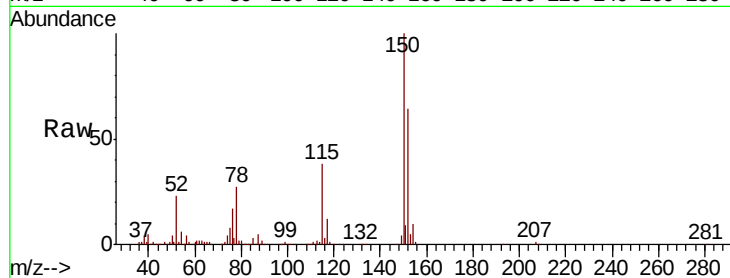
Tot Ion:152 Resp: 218751

Ion Ratio Lower Upper

152 100

115 60.1 29.4 88.2

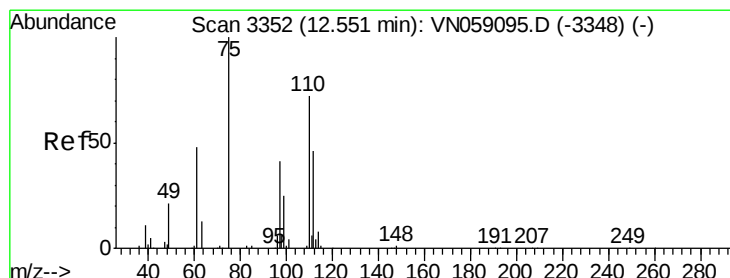
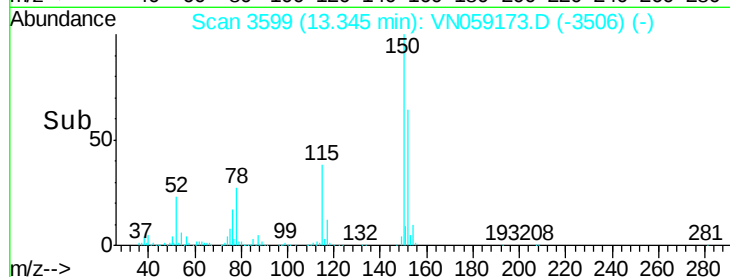
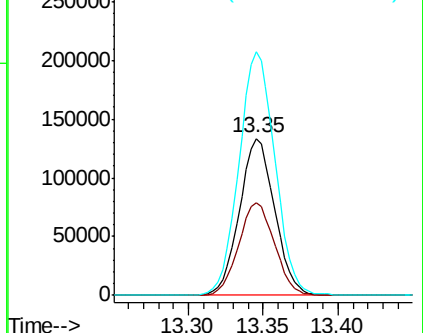
150 158.7 0.0 345.8



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: 27.483 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059173.D

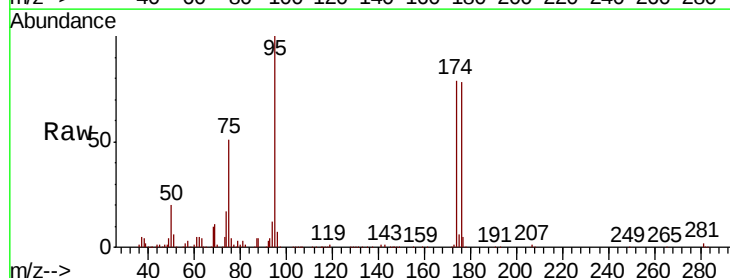
Acq: 11 Nov 2019 19:42

Tgt Ion: 75 Resp: 136874

Ion Ratio Lower Upper

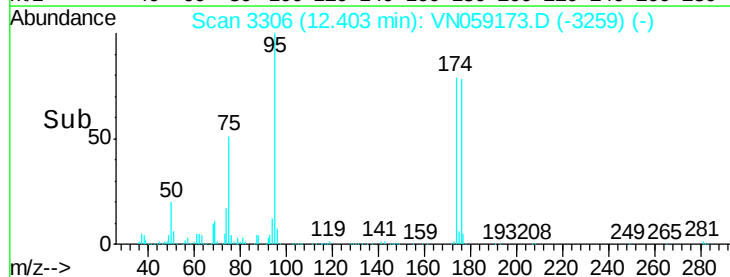
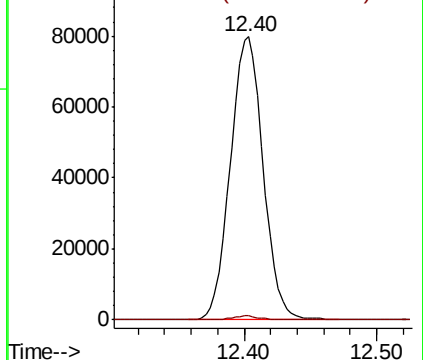
75 100

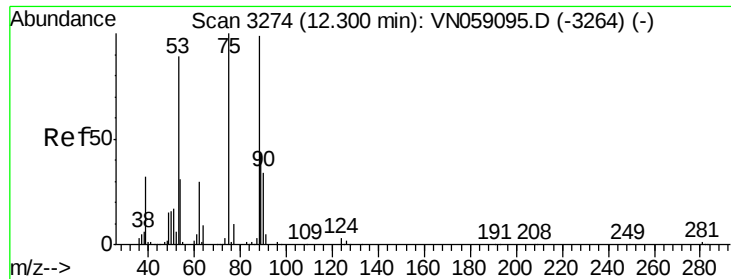
77 1.2 0.0 0.0#



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: 72.592 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059173.D

Acq: 11 Nov 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :

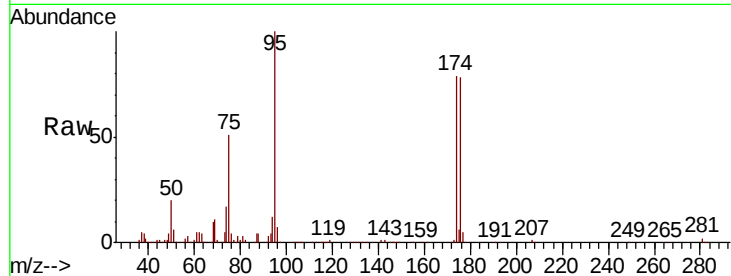
Tot Ion: 75 Resp: 136874

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

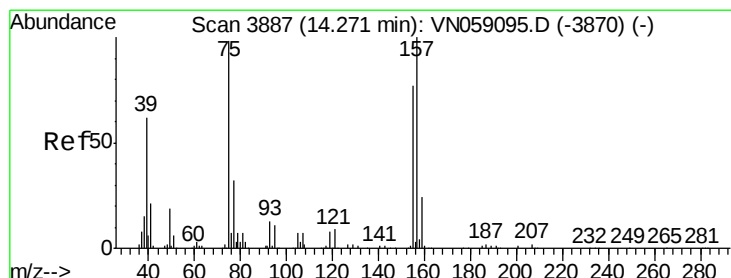
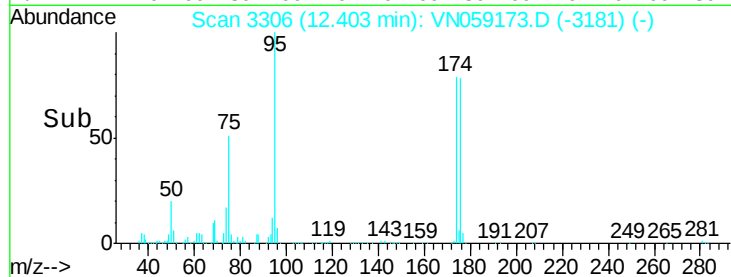
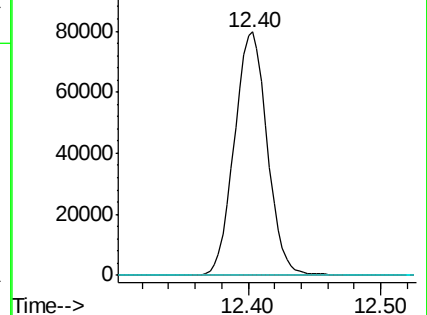
89 0.0 35.8 53.8#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.340 ug/l

RT: 14.23 min Scan# 3875

Delta R.T. -0.04 min

Lab File: VN059173.D

Acq: 11 Nov 2019 19:42

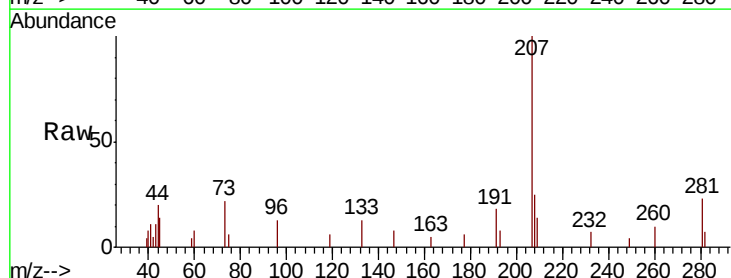
Tgt Ion: 75 Resp: 339

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

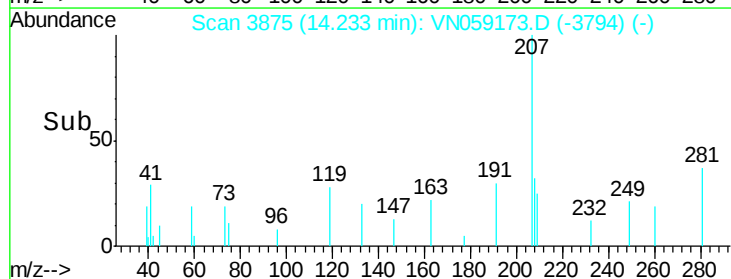
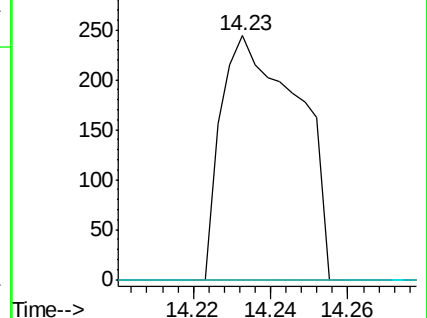
157 0.0 51.8 155.5#

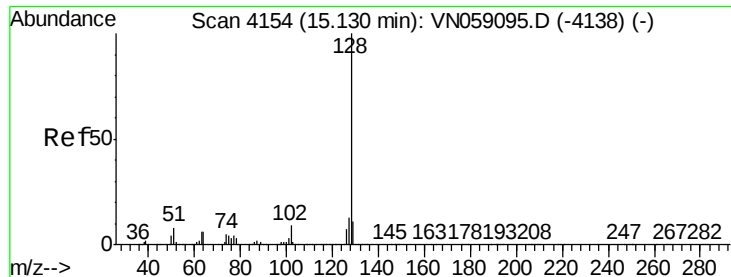


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 3.057 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

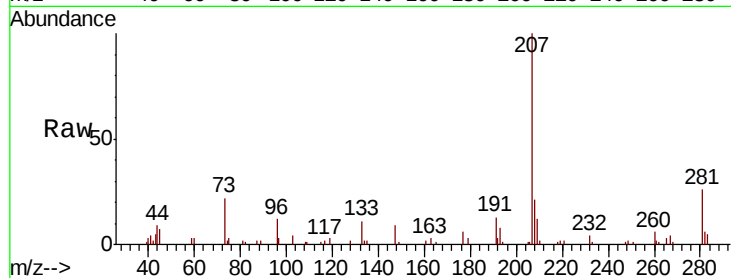
Lab File: VN059173.D

Acq: 11 Nov 2019 19:42

Instrument :

MSVOA_N

ClientSampleId :



Tot Ion:	128	Resp:	143
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	12.8#

