

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
 Data File : VN059744.D
 Acq On : 16 Jan 2020 19:59
 Operator : JC/MD
 Sample : L1160-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 400115761

Quant Time: Jan 17 04:39:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	284785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	245587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103837	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	99086	46.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.70%	
35) Dibromofluoromethane	7.57	113	86489	50.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.86%	
50) Toluene-d8	10.08	98	325374	49.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.40	95	109913	46.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.68%	

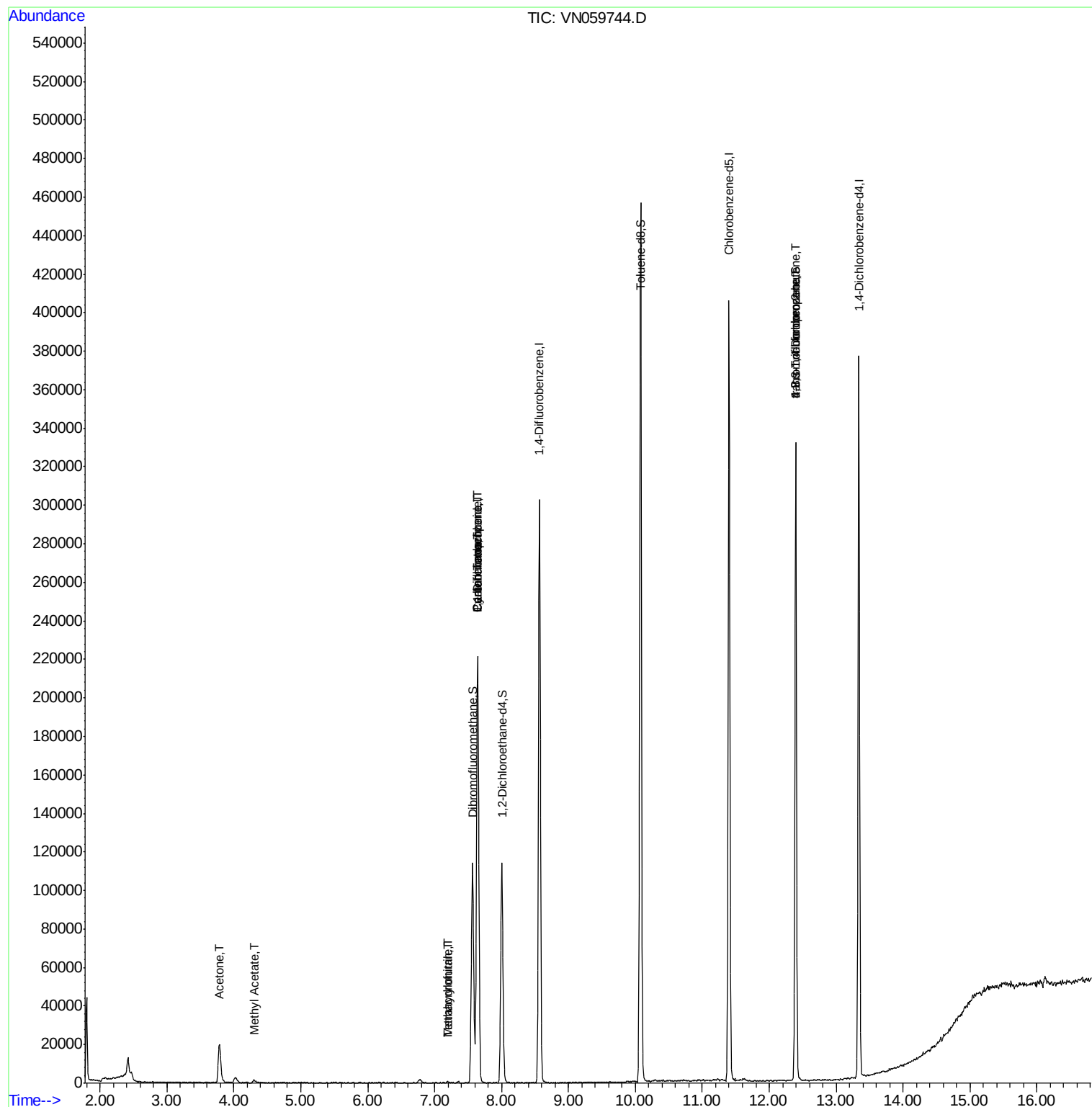
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	34458	38.798	ug/l	95
18) Methyl Acetate	4.29	43	3089	1.237	ug/l #	86
29) Tetrahydrofuran	7.19	42	392	0.523	ug/l #	61
31) Cyclohexane	7.65	56	3648	1.153	ug/l #	9
36) 1,1-Dichloropropene	7.64	75	12817	5.168	ug/l #	51
38) Carbon Tetrachloride	7.64	117	17713	6.566	ug/l #	15
41) Methacrylonitrile	7.19	41	340	0.297	ug/l #	100
76) 1,2,3-Trichloropropane	12.40	75	54672	31.286	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	54672	67.188	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.23	75	200	Below Cal	#	6

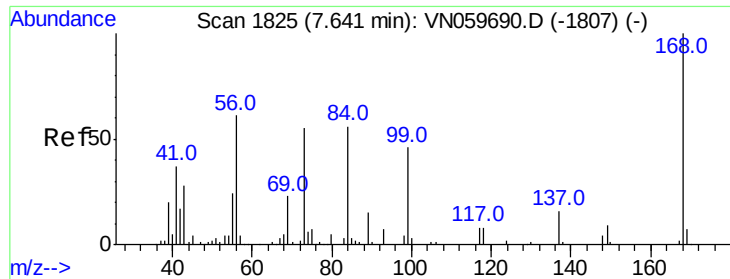
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
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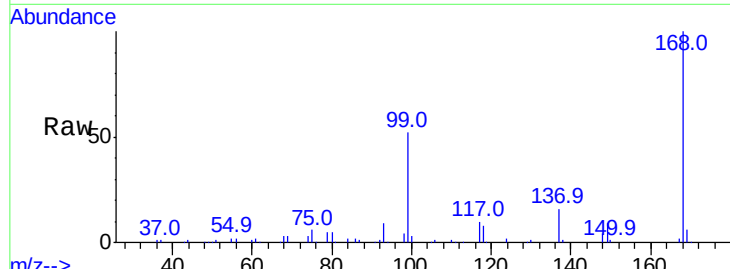




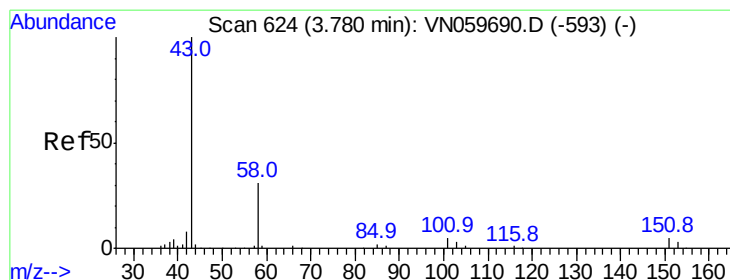
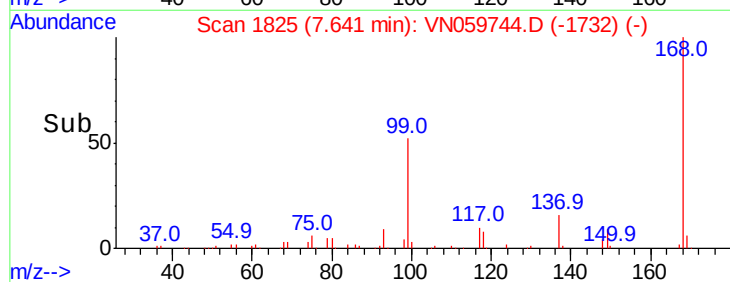
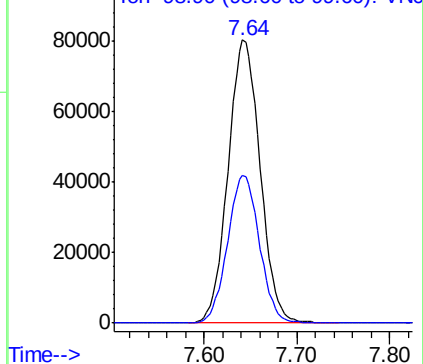
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Instrument :
MSVOA_N
ClientSampleId :
400115761

Tgt Ion: 168 Resp: 192517
Ion Ratio Lower Upper
168 100
99 52.3 48.2 72.4

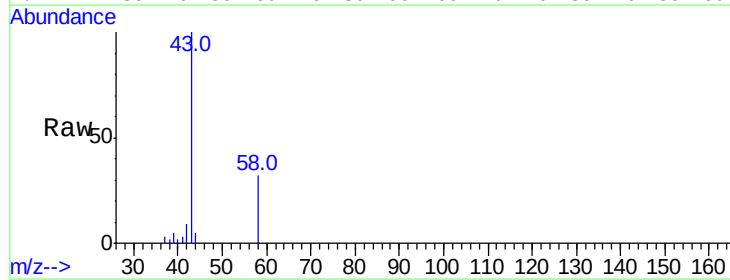


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN0

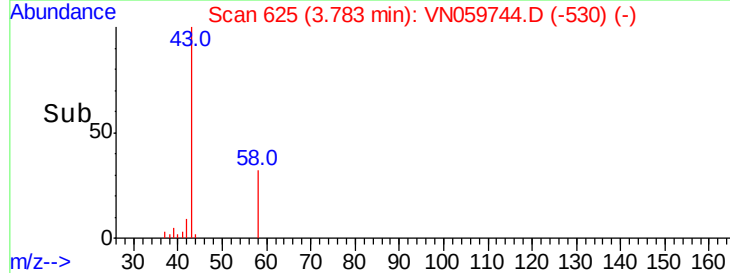
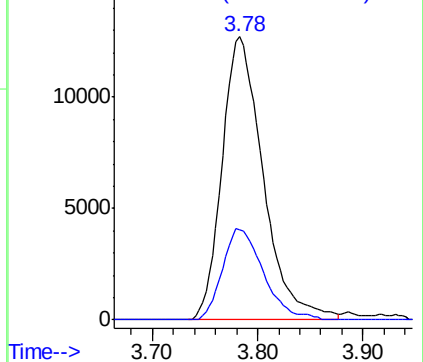


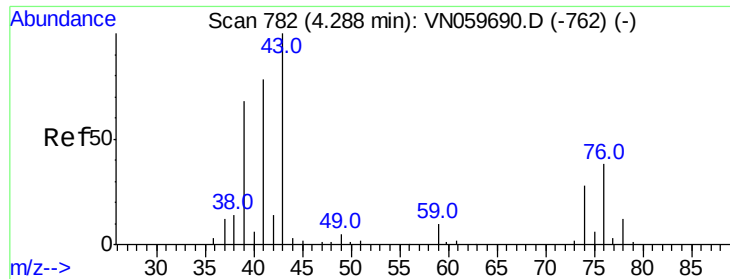
#16
Acetone
Concen: 38.798 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.00 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Tgt Ion: 43 Resp: 34458
Ion Ratio Lower Upper
43 100
58 31.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

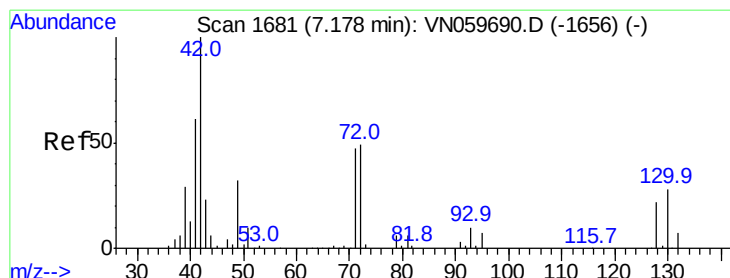
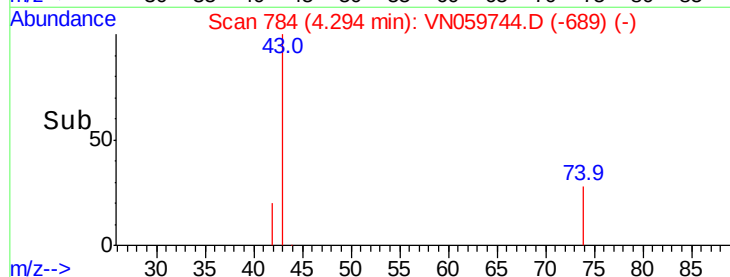
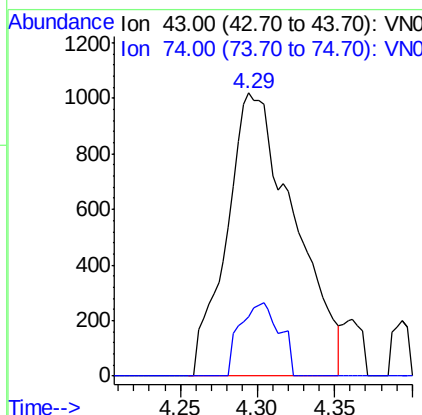
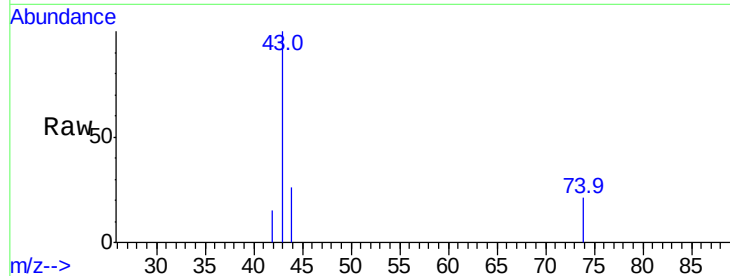




#18
Methyl Acetate
Concen: 1.237 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

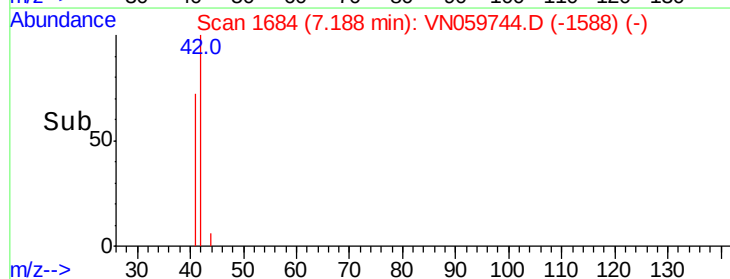
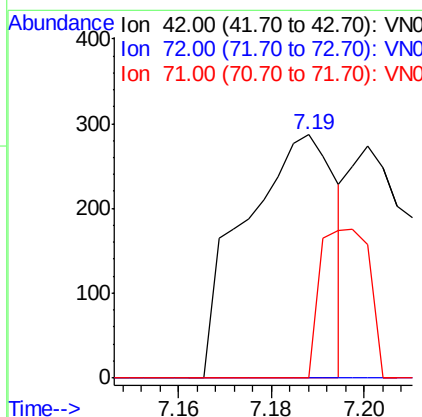
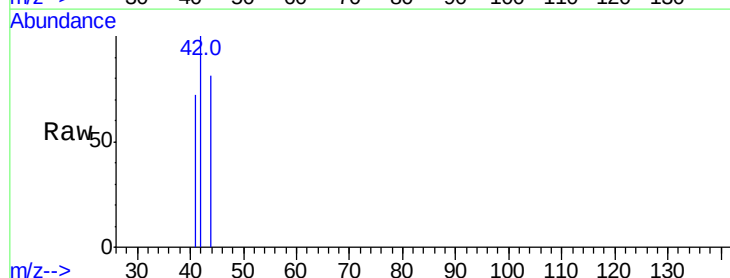
Instrument :
MSVOA_N
ClientSampleId :
400115761

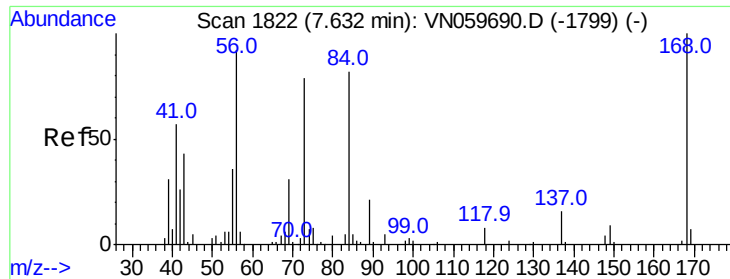
Tgt Ion: 43 Resp: 3089
Ion Ratio Lower Upper
43 100
74 15.1 17.5 26.3#



#29
Tetrahydrofuran
Concen: 0.523 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Tgt Ion: 42 Resp: 392
Ion Ratio Lower Upper
42 100
72 0.0 33.1 49.7#
71 33.2 31.4 47.0

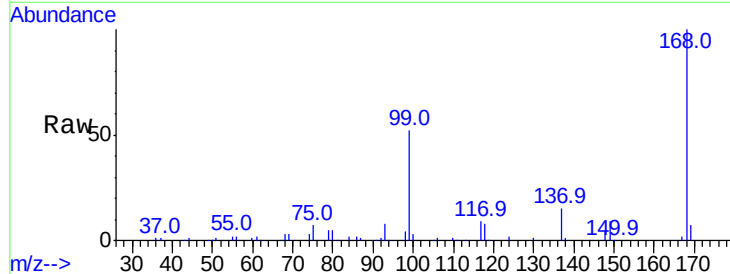




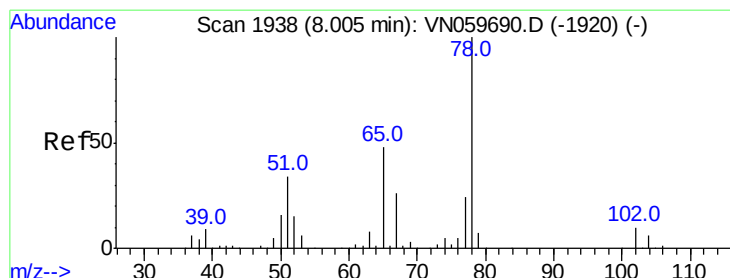
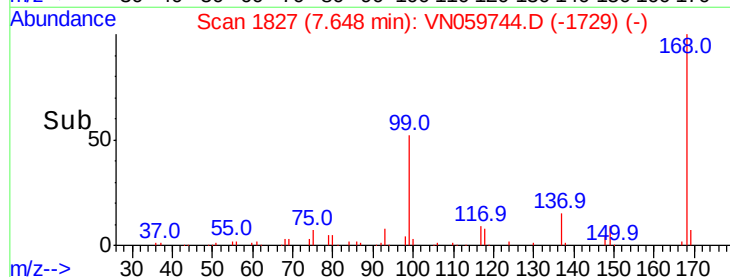
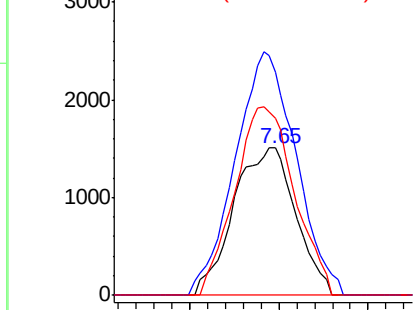
#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.02 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Instrument :
MSVOA_N
ClientSampleId :
400115761

Tgt Ion: 56 Resp: 3648
Ion Ratio Lower Upper
56 100
69 151.4 26.5 39.7#
84 120.6 65.3 97.9#

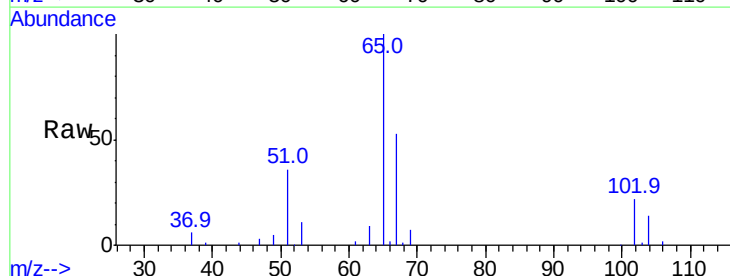


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

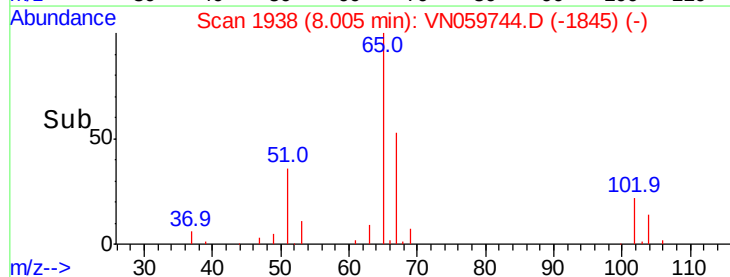
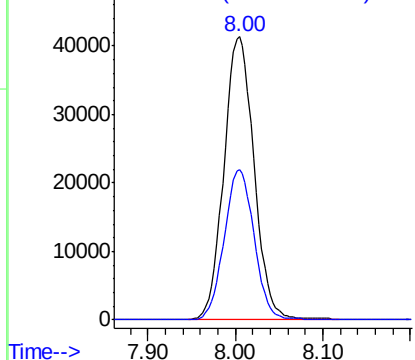


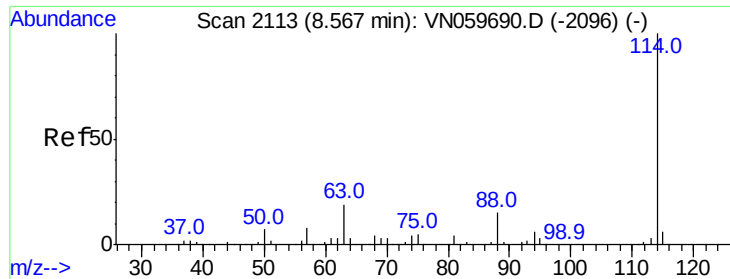
#33
1,2-Dichloroethane-d4
Concen: 46.346 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Tgt Ion: 65 Resp: 99086
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

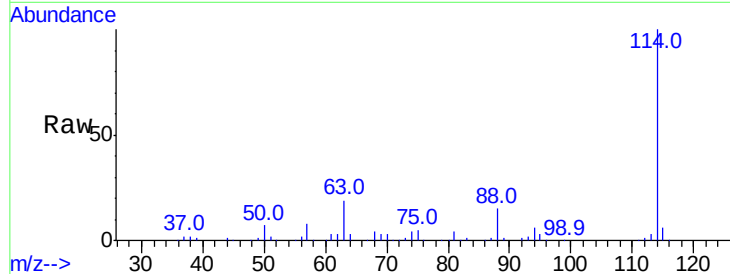




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059744.D
 Acq: 16 Jan 2020 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 400115761

Tgt Ion:	114	Resp:	284785
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	43.6
88	14.6	0.0	31.4

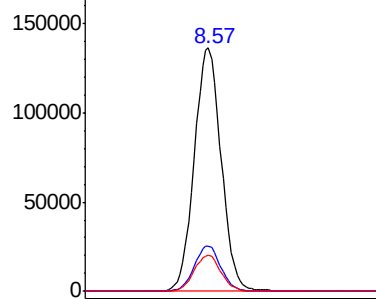


Abundance

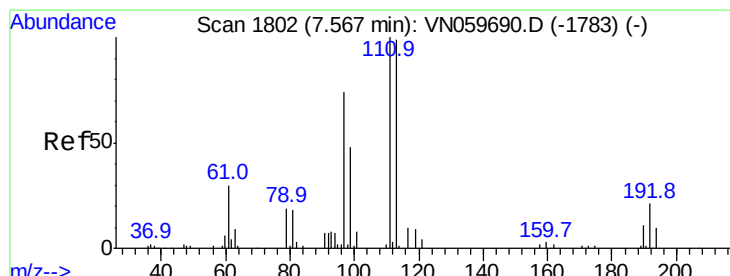
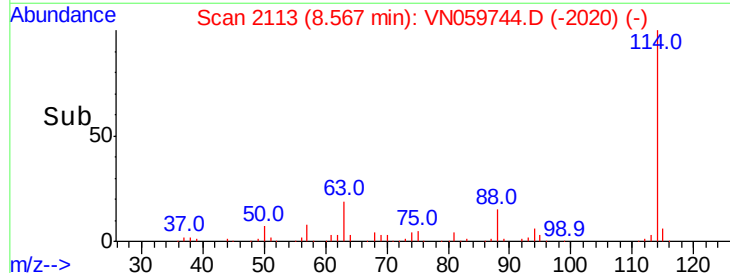
Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

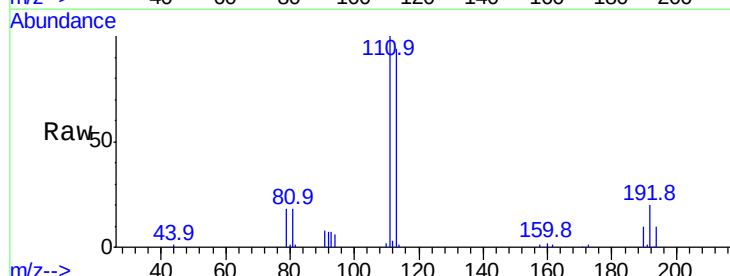


Time-->



#35
 Dibromofluoromethane
 Concen: 50.927 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059744.D
 Acq: 16 Jan 2020 19:59

Tgt Ion:	113	Resp:	86489
Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.5	125.3
192	21.1	15.4	23.2

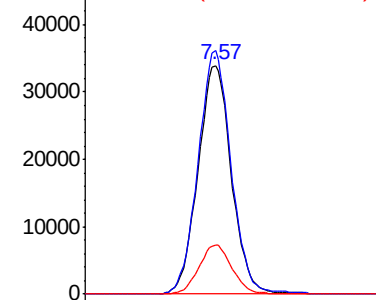


Abundance

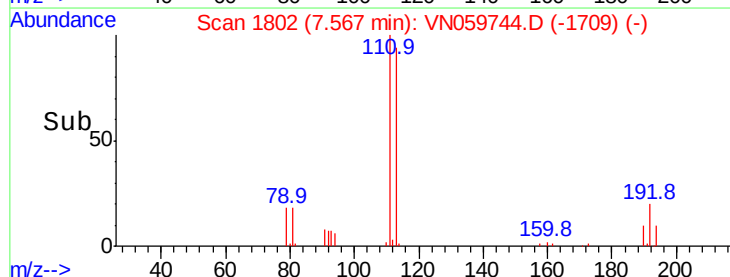
Ion 112.80 (112.50 to 113.50): V

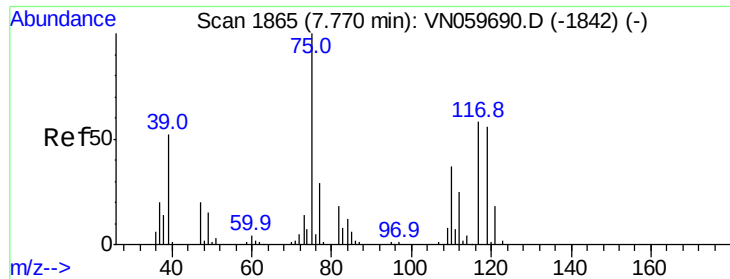
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->

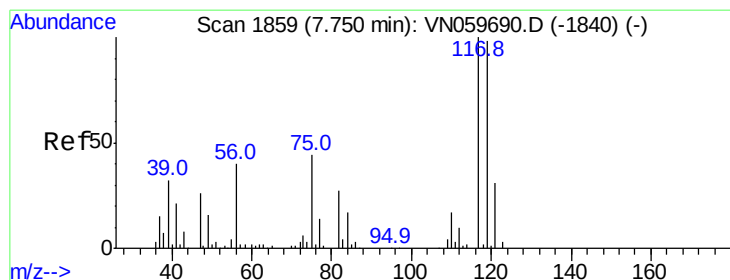
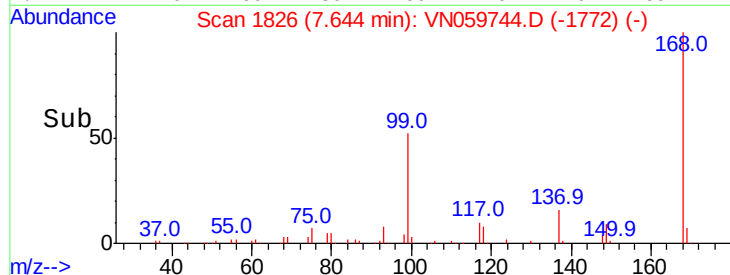
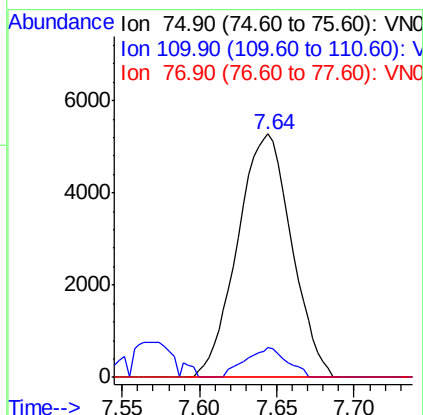
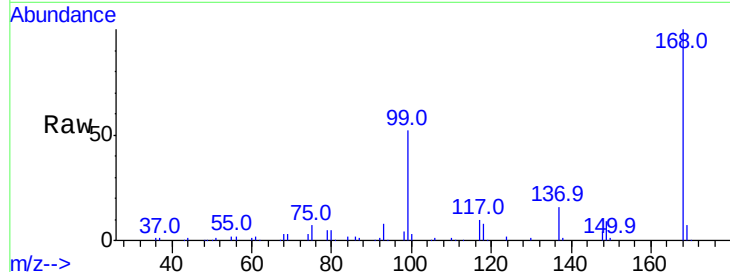




#36
 1,1-Dichloropropene
 Concen: 5.168 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059744.D
 Acq: 16 Jan 2020 19:59

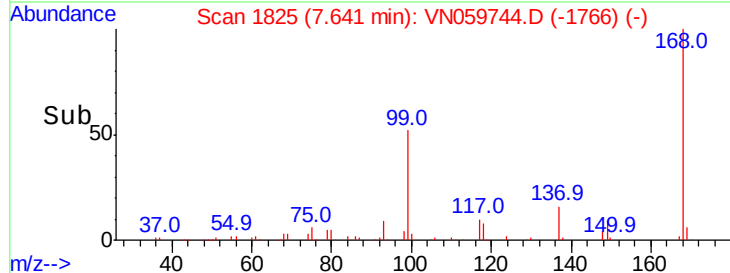
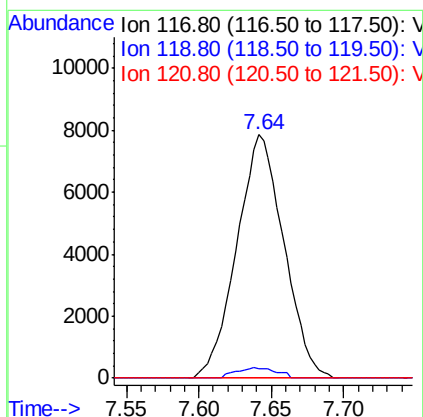
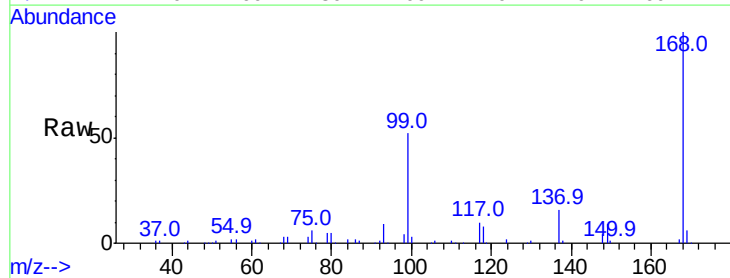
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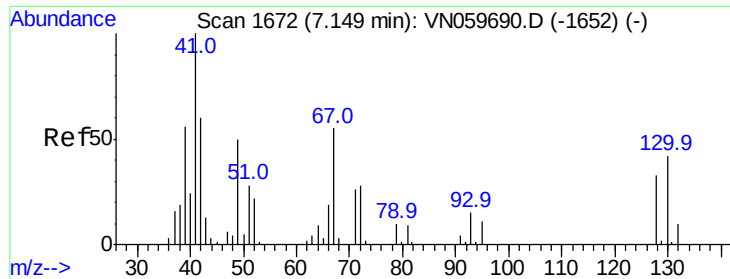
Tgt Ion: 75 Resp: 12817
 Ion Ratio Lower Upper
 75 100
 110 9.3 16.6 49.7#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.566 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN059744.D
 Acq: 16 Jan 2020 19:59

Tgt Ion: 117 Resp: 17713
 Ion Ratio Lower Upper
 117 100
 119 3.9 76.5 114.7#
 121 0.0 25.1 37.7#

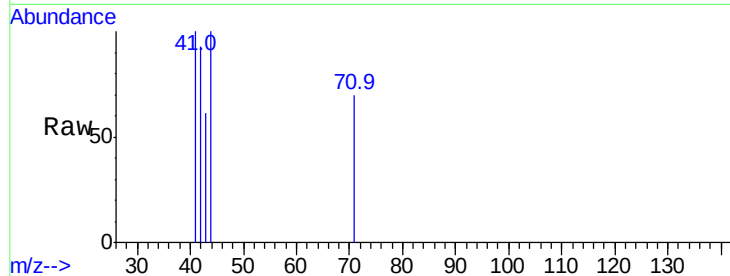




#41
Methacrylonitrile
Concen: 0.297 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.05 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Instrument :
MSVOA_N
ClientSampleId :
400115761

Tgt Ion:	41	Resp:	340
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



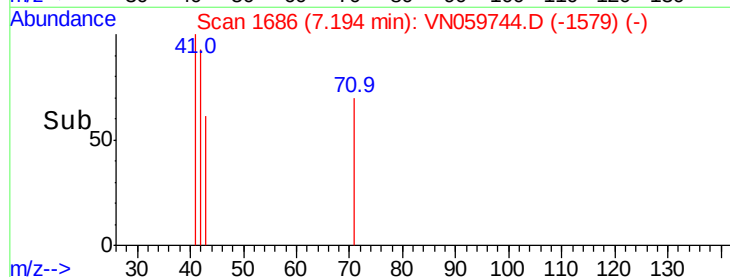
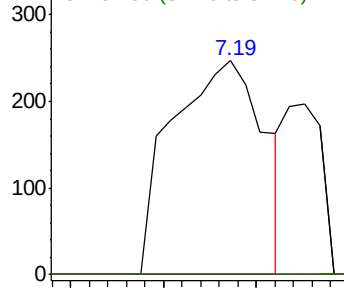
Abundance

Ion 41.00 (40.70 to 41.70): VNC

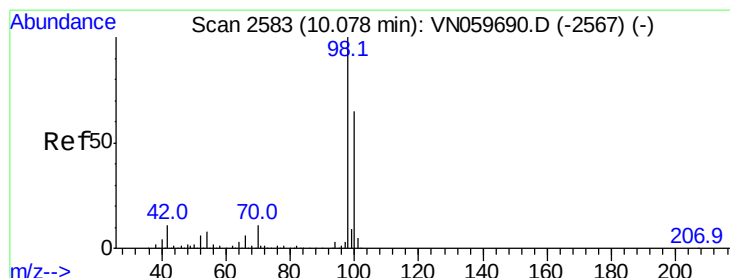
Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC

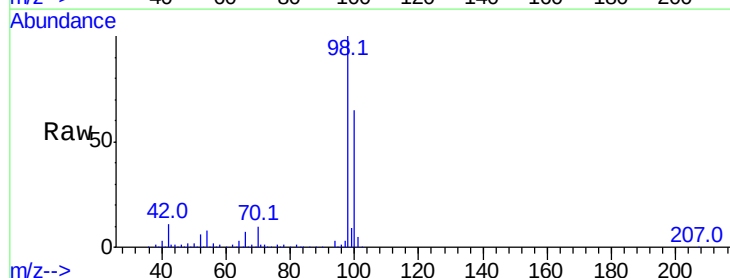


Time-->



#50
Toluene-d8
Concen: 49.448 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

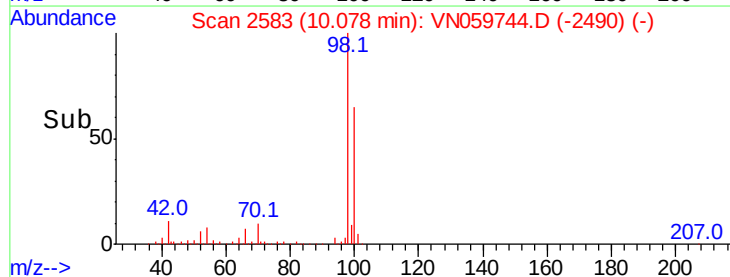
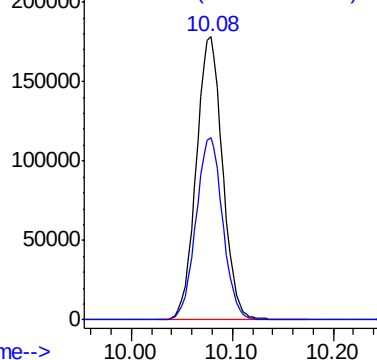
Tgt Ion:	98	Resp:	325374
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.2	76.8

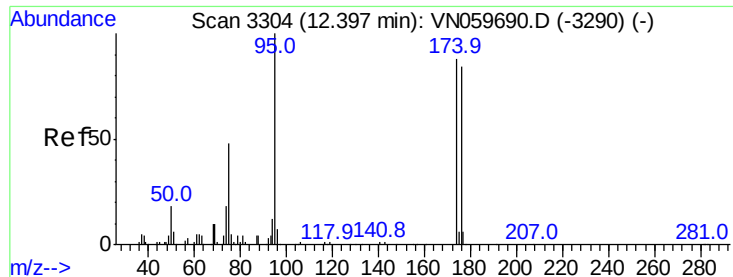


Abundance

Ion 98.00 (97.70 to 98.70): VNC

Ion 100.00 (99.70 to 100.70): VNC

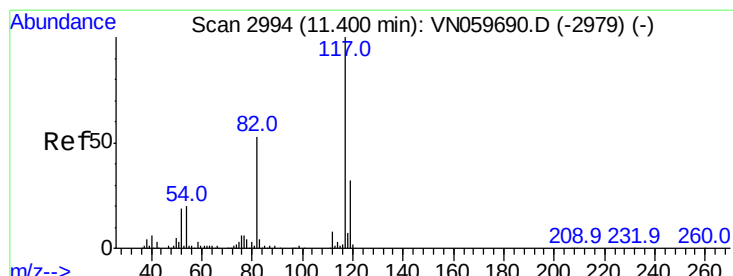
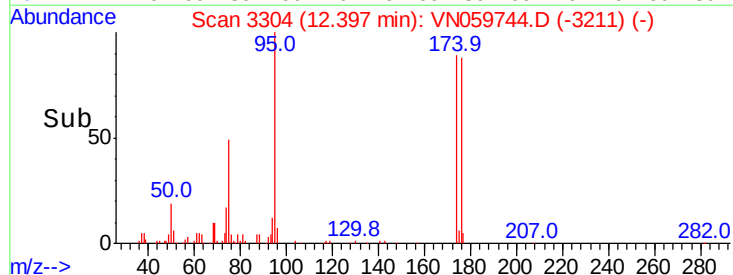
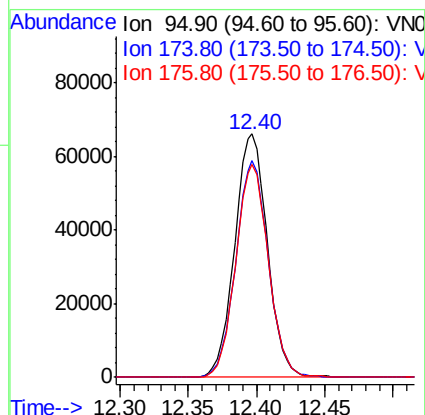
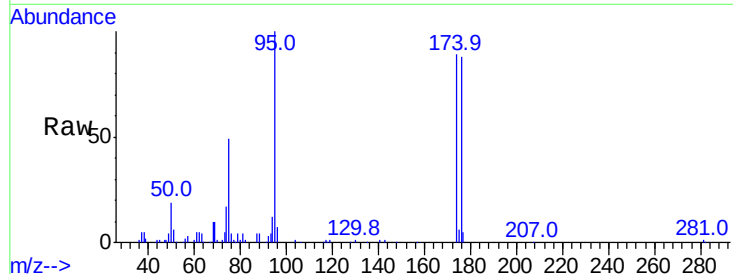




#62
4-Bromofluorobenzene
Concen: 46.336 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

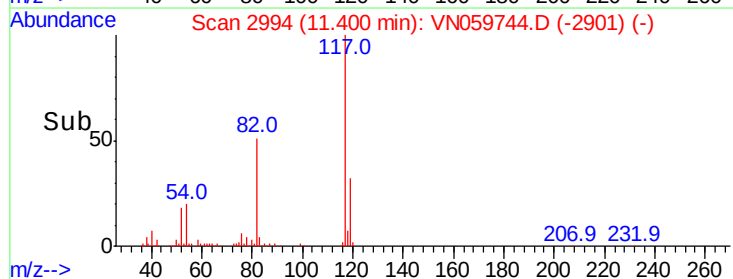
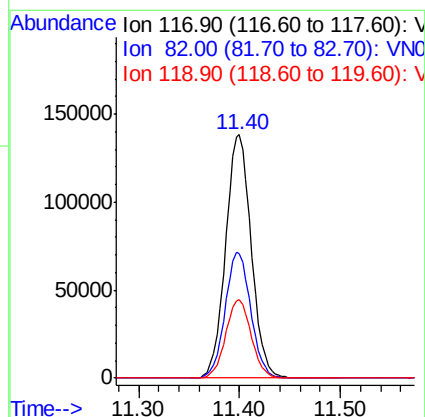
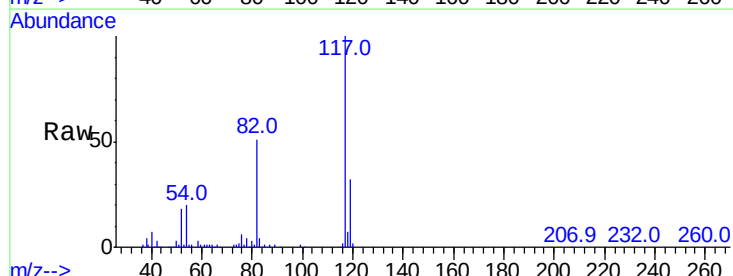
Instrument :
MSVOA_N
ClientSampleId :
400115761

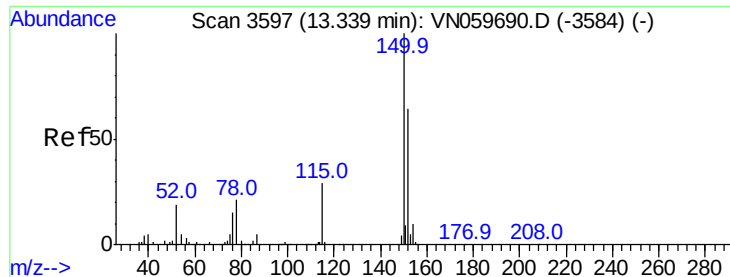
Tgt Ion: 95 Resp: 109913
Ion Ratio Lower Upper
95 100
174 88.3 0.0 151.4
176 87.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Tgt Ion: 117 Resp: 245587
Ion Ratio Lower Upper
117 100
82 51.3 45.9 68.9
119 32.1 25.5 38.3

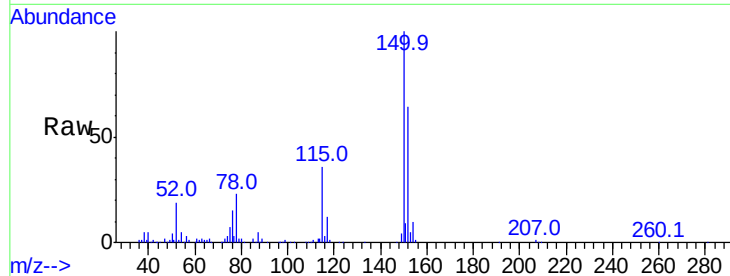




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN059744.D
 Acq: 16 Jan 2020 19:59

Instrument :
 MSVOA_N
 ClientSampled :
 400115761

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	30.3	90.9
150	155.6	0.0	345.2

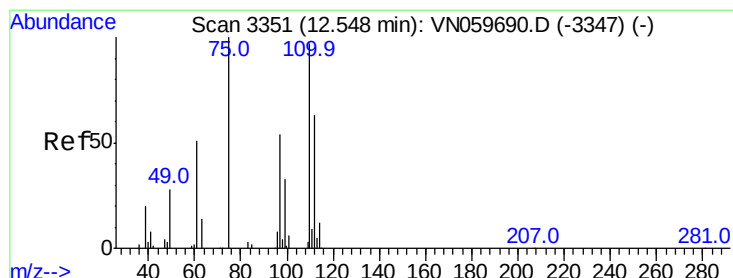
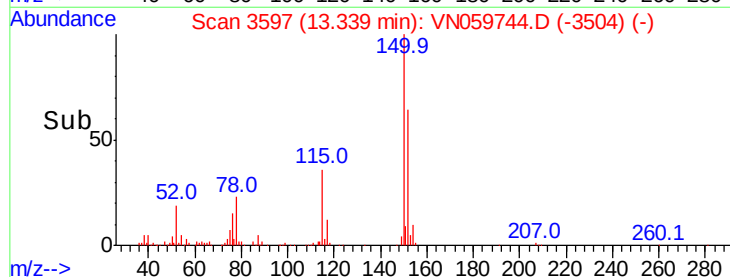
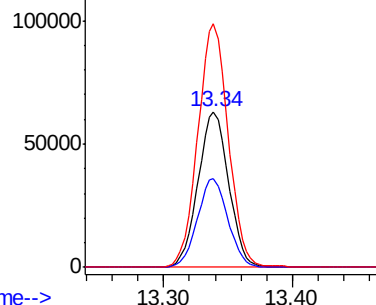


Abundance

Ion 151.90 (151.60 to 152.60): V

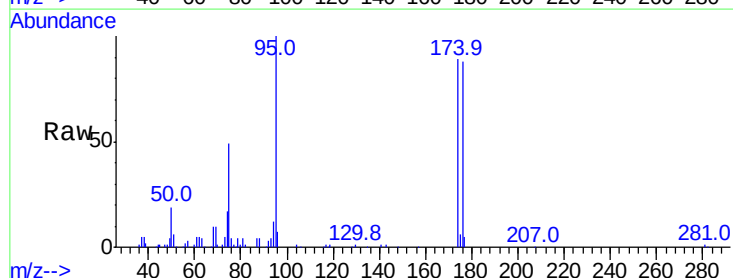
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76
 1,2,3-Trichloropropane
 Concen: 31.286 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.15 min
 Lab File: VN059744.D
 Acq: 16 Jan 2020 19:59

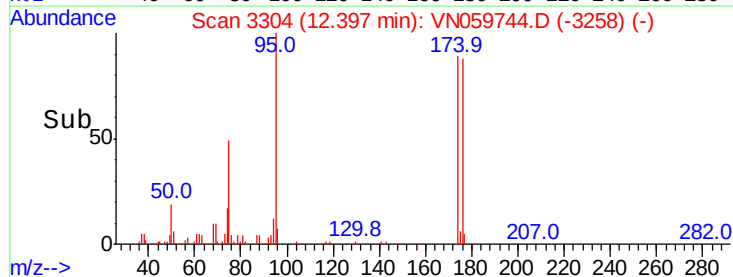
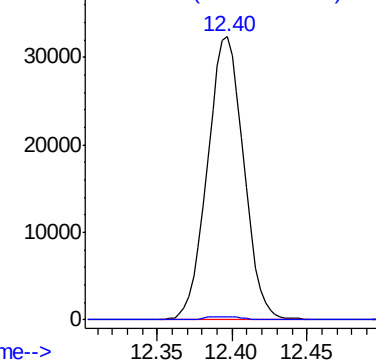
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

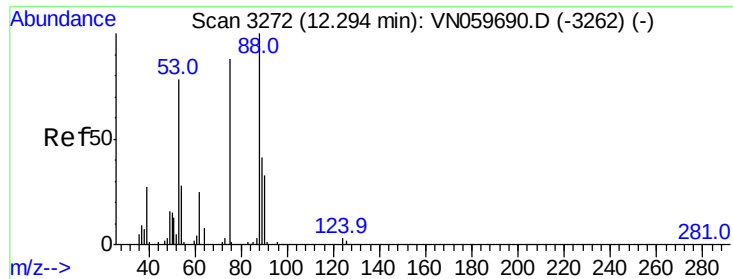


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

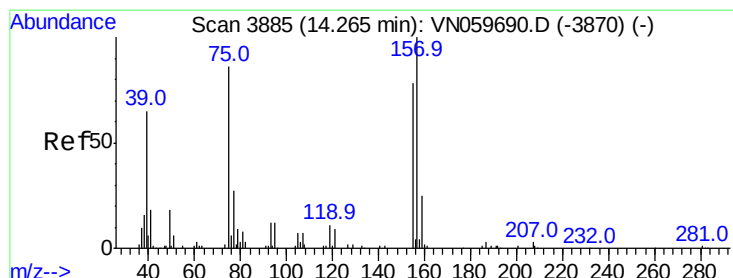
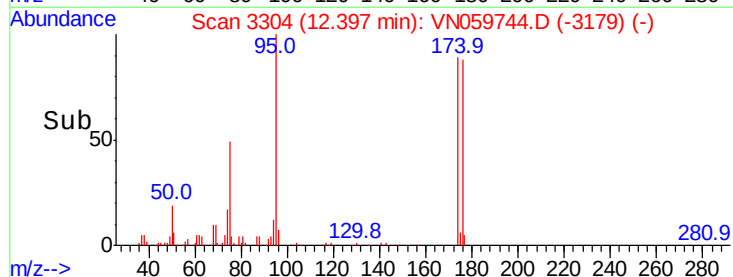
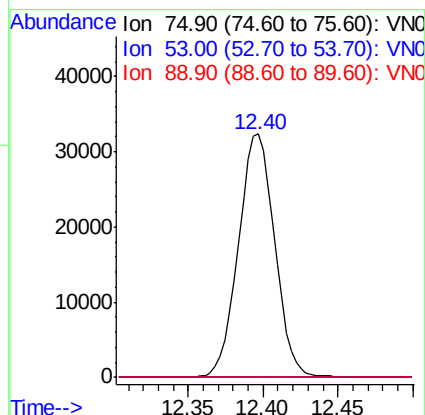
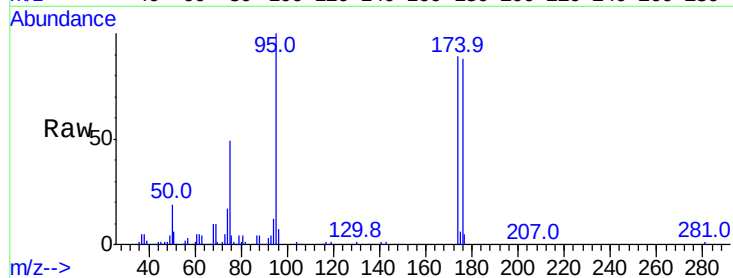




#81
trans-1,4-Dichloro-2-butene
Concen: 67.188 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Instrument :
MSVOA_N
ClientSampleId :
400115761

Tgt Ion: 75 Resp: 54672
Ion Ratio Lower Upper
75 100
53 0.0 78.1 117.1#
89 0.0 35.4 53.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.23 min Scan# 3874
Delta R.T. -0.03 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Tgt Ion: 75 Resp: 200
Ion Ratio Lower Upper
75 100
155 0.0 37.0 110.9#
157 0.0 48.4 145.2#

