

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
 Data File : VN059723.D
 Acq On : 16 Jan 2020 11:16
 Operator : JC/MD
 Sample : VN0116WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBL01

Quant Time: Jan 17 04:34:40 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

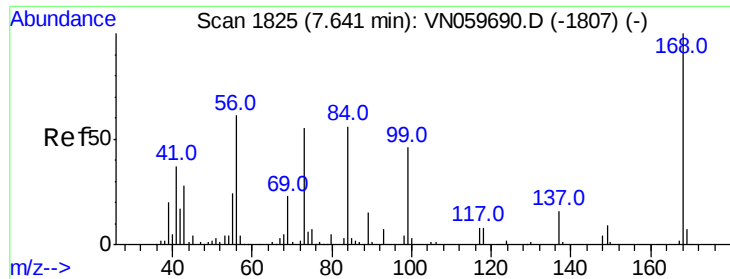
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	287583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	245156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	102932	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	98400	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	7.57	113	86474	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.08	98	326785	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.40	95	109245	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	292	Below Cal	#	45
20) Methylene Chloride	4.52	84	1504	Below Cal		90
31) Cyclohexane	7.64	56	3786	1.187	ug/l #	21
36) 1,1-Dichloropropene	7.64	75	13443	5.368	ug/l #	50
38) Carbon Tetrachloride	7.64	117	17545	6.440	ug/l #	15
51) 4-Methyl-2-Pentanone	10.07	43	1503	0.644	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	53717	31.010	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	53717	66.594	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.29	75	96	Below Cal	#	6
95) Naphthalene	15.14	128	1233	0.220	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.31	180	436	0.227	ug/l #	68

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

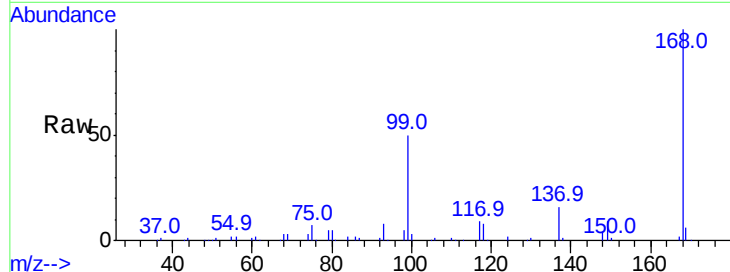
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
Data File : VN059723.D
Acq On : 16 Jan 2020 11:16
Operator : JC/MD
Sample : VN0116WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1



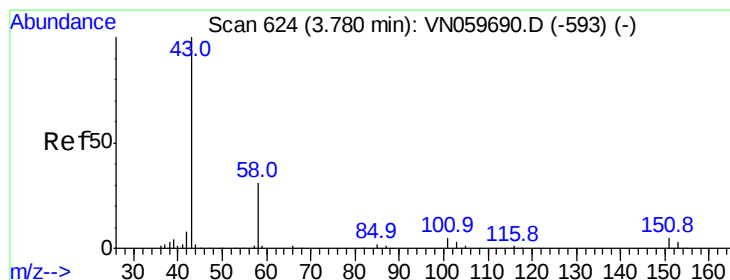
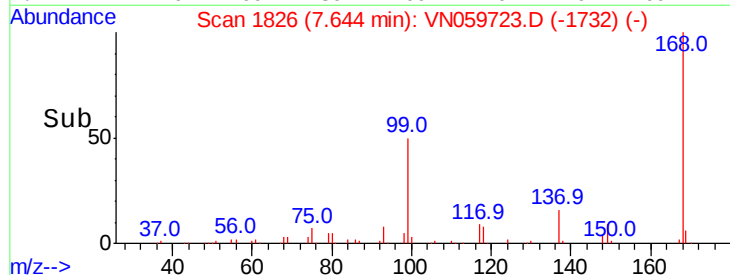
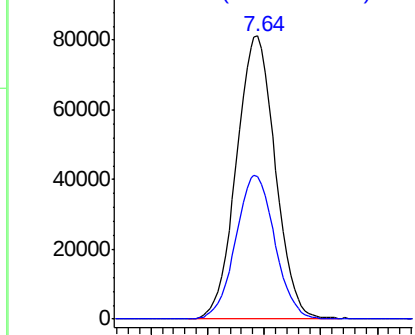
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN059723.D
Acq: 16 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampled :
VN0116WBL01

Tgt Ion:168 Resp: 194107
Ion Ratio Lower Upper
168 100
99 50.4 48.2 72.4

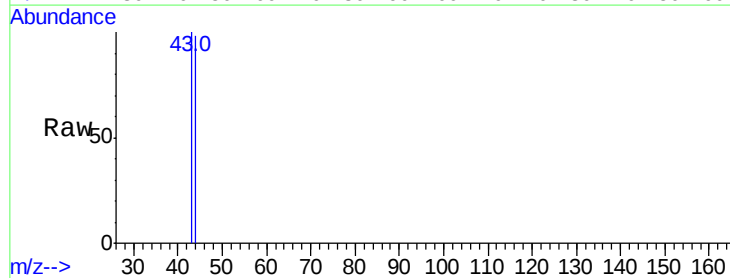


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN0

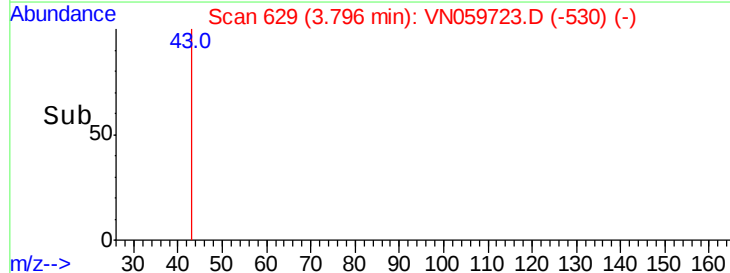
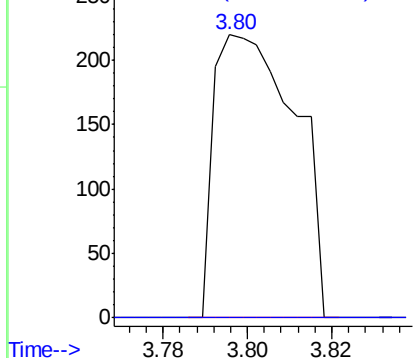


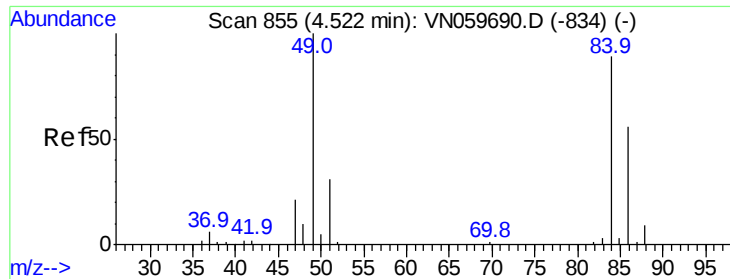
#16
Acetone
Concen: Below Cal
RT: 3.80 min Scan# 629
Delta R.T. 0.02 min
Lab File: VN059723.D
Acq: 16 Jan 2020 11:16

Tgt Ion: 43 Resp: 292
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#



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



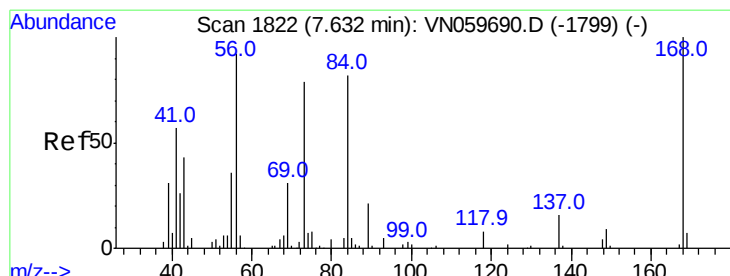
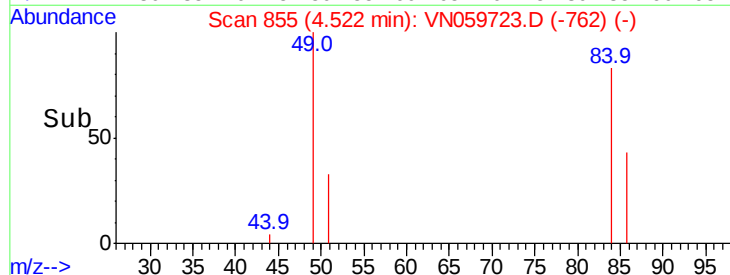
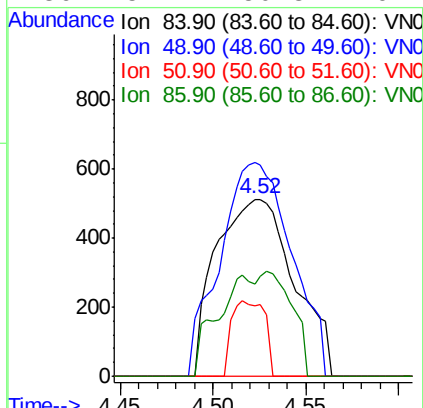
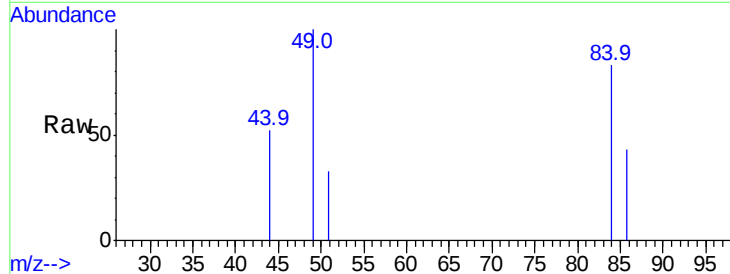


#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059723.D
Acq: 16 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBL01

Tgt Ion: 84 Resp: 1504

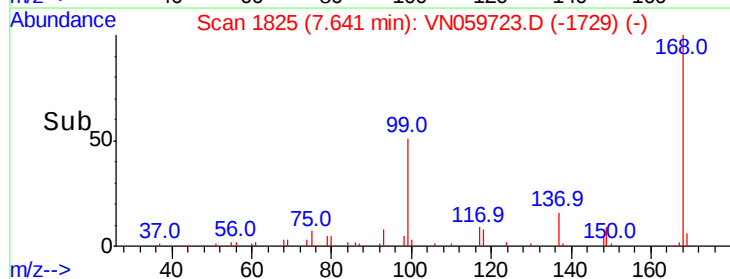
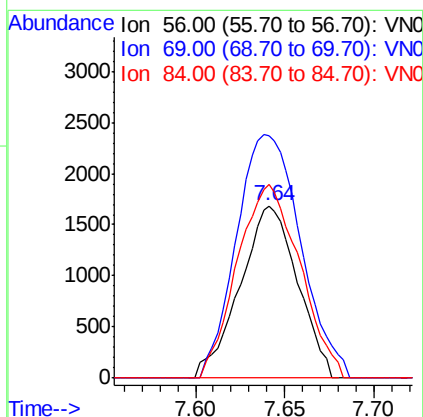
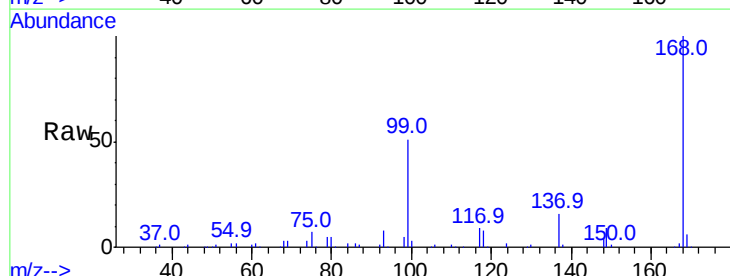
Ion	Ratio	Lower	Upper
84	100		
49	120.9	106.6	160.0
51	40.0	31.9	47.9
86	52.1	50.8	76.2

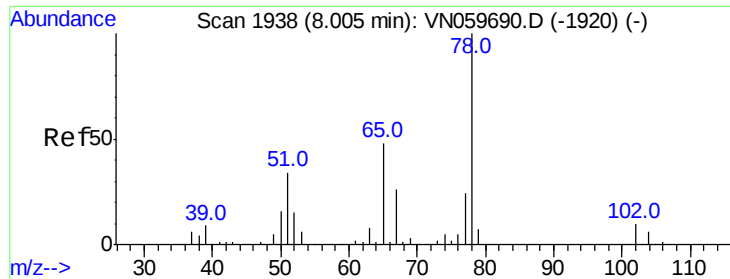


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059723.D
Acq: 16 Jan 2020 11:16

Tgt Ion: 56 Resp: 3786

Ion	Ratio	Lower	Upper
56	100		
69	140.9	26.5	39.7#
84	112.2	65.3	97.9#

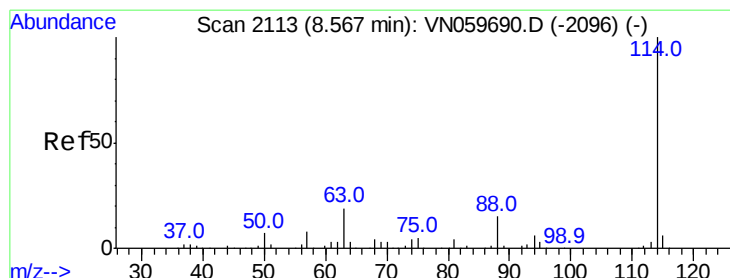
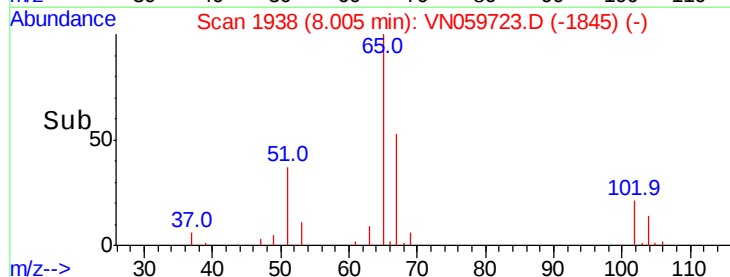
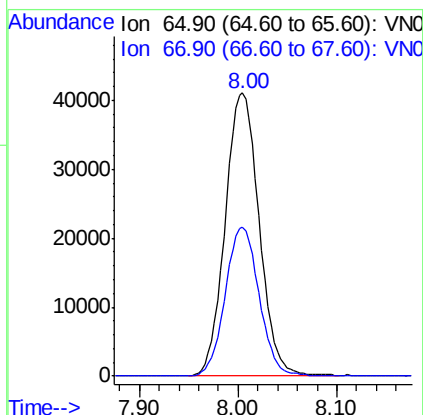
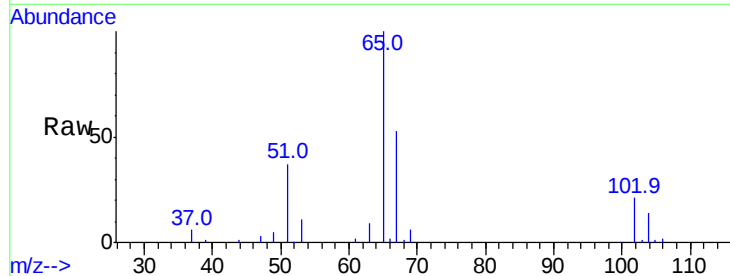




#33
 1,2-Dichloroethane-d4
 Concen: 45.648 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059723.D
 Acq: 16 Jan 2020 11:16

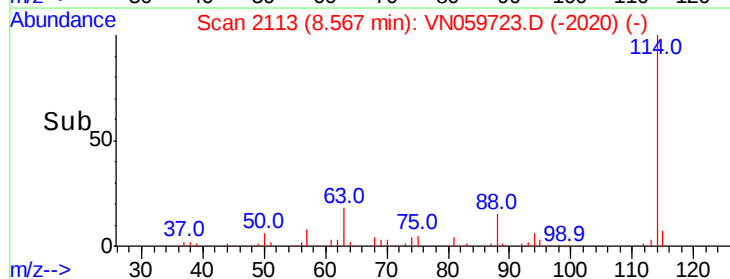
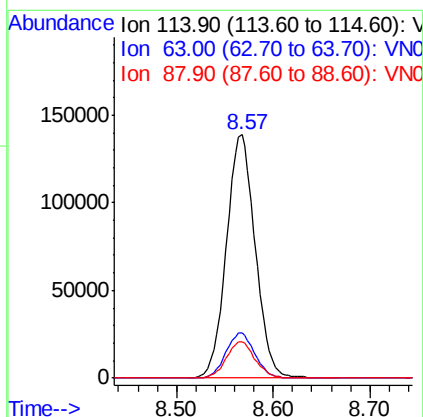
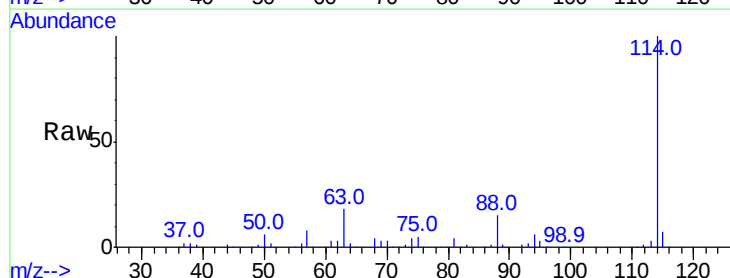
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBL01

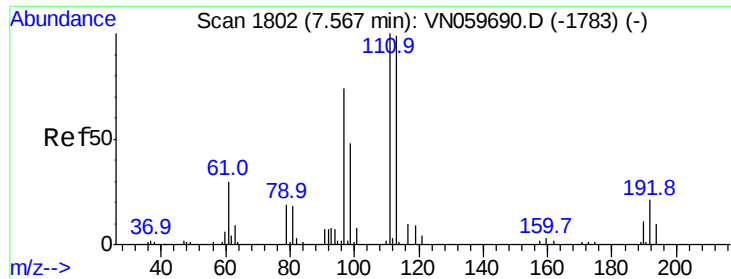
Tgt Ion: 65 Resp: 98400
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059723.D
 Acq: 16 Jan 2020 11:16

Tgt Ion: 114 Resp: 287583
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 43.6
 88 15.0 0.0 31.4

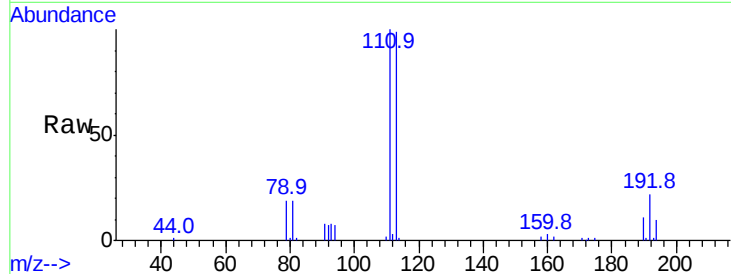




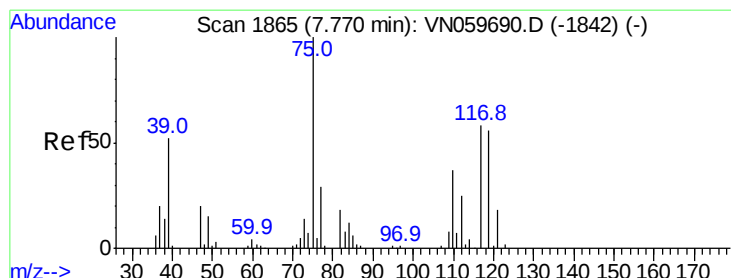
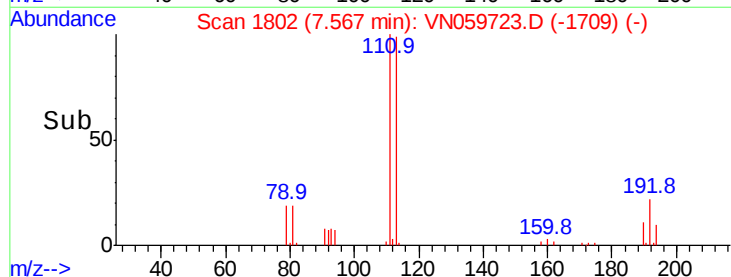
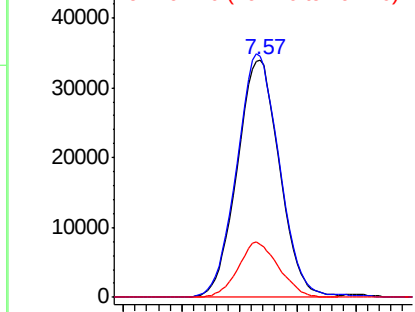
#35
 Dibromofluoromethane
 Concen: 50.423 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059723.D
 Acq: 16 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBL01

Tgt Ion:113 Resp: 86474
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.5 125.3
 192 22.2 15.4 23.2

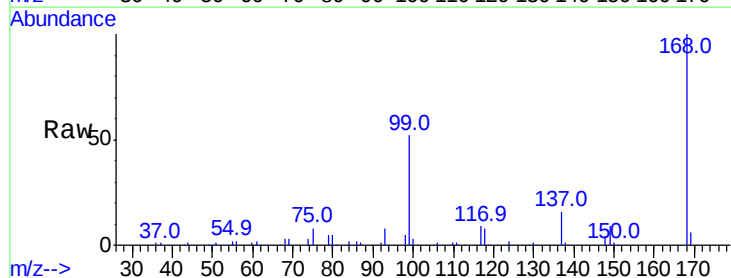


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

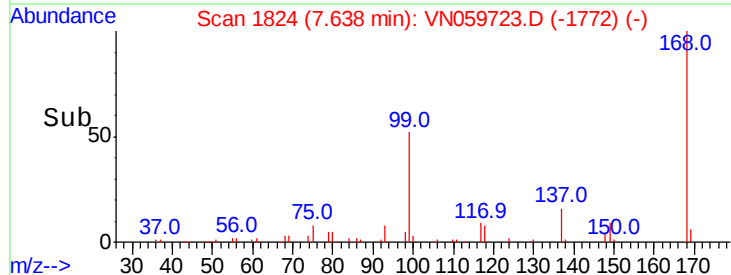
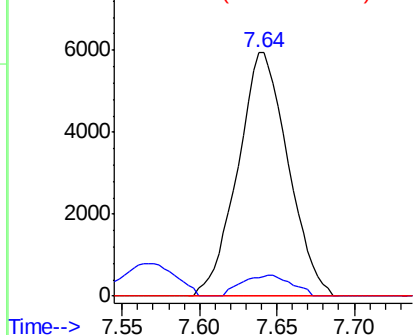


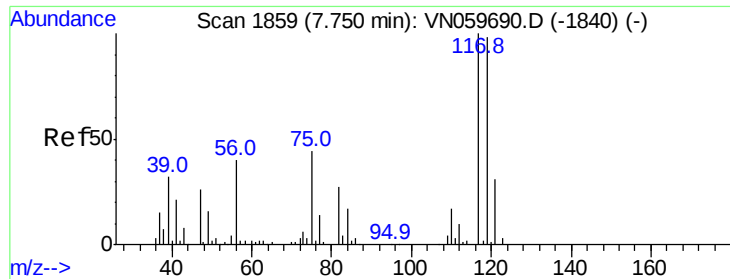
#36
 1,1-Dichloropropene
 Concen: 5.368 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN059723.D
 Acq: 16 Jan 2020 11:16

Tgt Ion: 75 Resp: 13443
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.6 49.7#
 77 0.0 25.1 37.7#



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

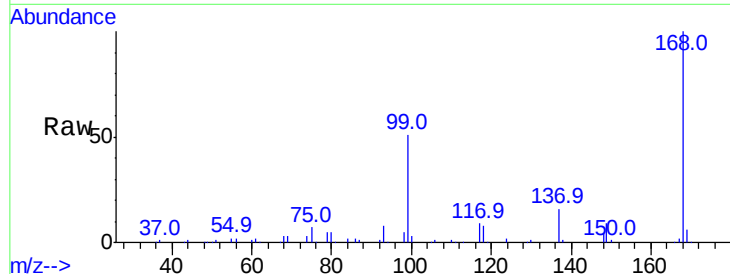




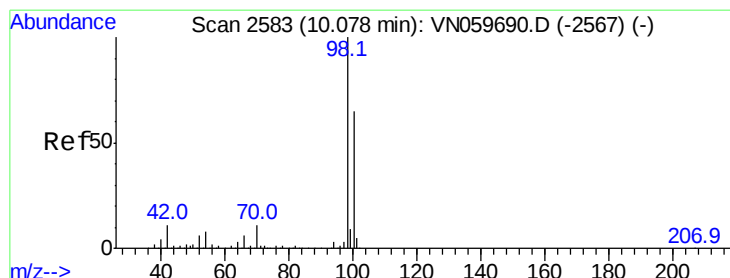
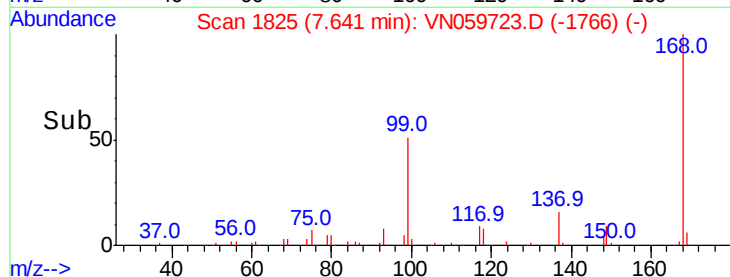
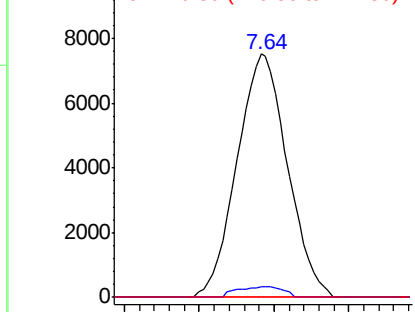
#38
Carbon Tetrachloride
Concen: 6.440 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN059723.D
Acq: 16 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBL01

Tgt Ion:117 Resp: 17545
Ion Ratio Lower Upper
117 100
119 4.3 76.5 114.7#
121 0.0 25.1 37.7#

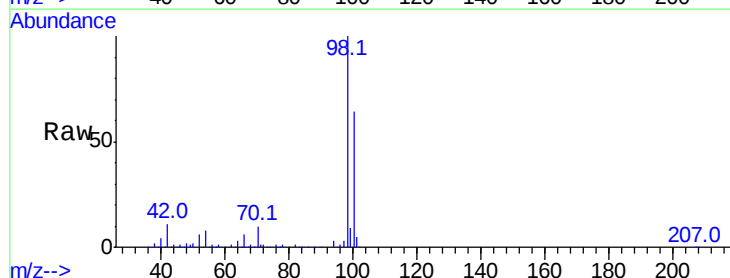


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

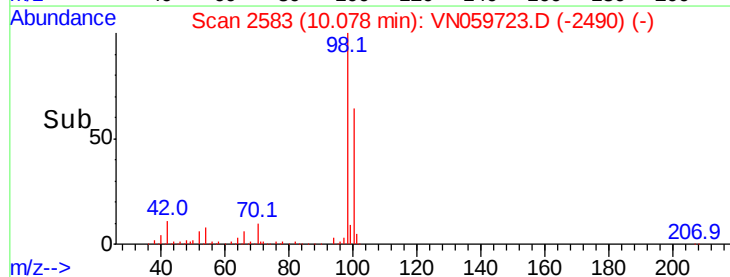
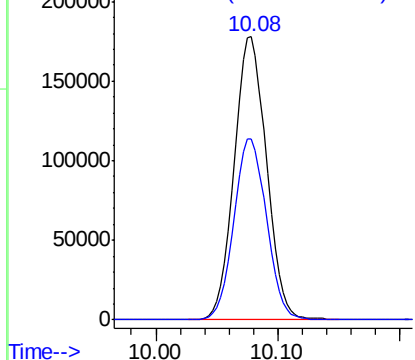


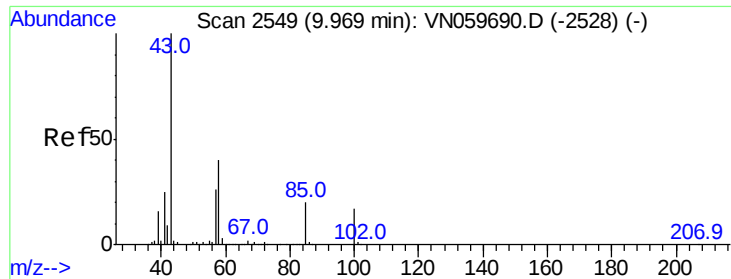
#50
Toluene-d8
Concen: 49.180 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059723.D
Acq: 16 Jan 2020 11:16

Tgt Ion: 98 Resp: 326785
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

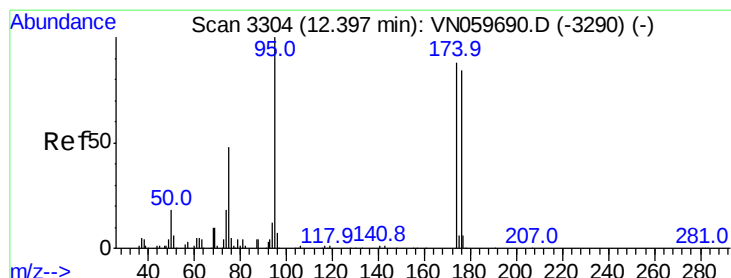
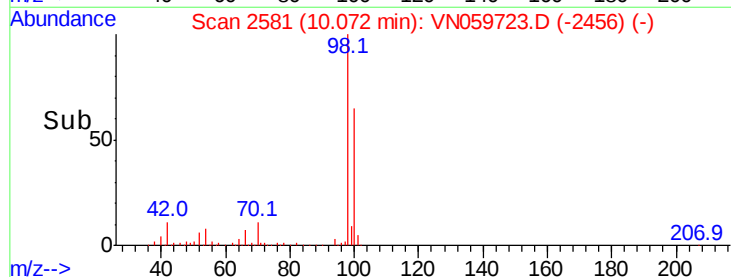
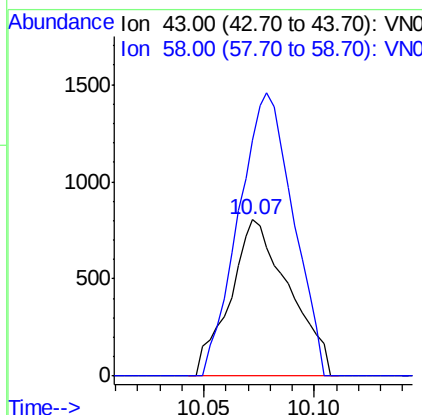
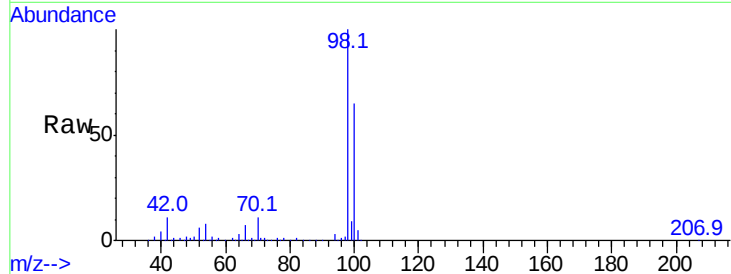




#51
 4-Methyl-2-Pentanone
 Concen: 0.644 ug/l
 RT: 10.07 min Scan# 2581
 Delta R.T. 0.10 min
 Lab File: VN059723.D
 Acq: 16 Jan 2020 11:16

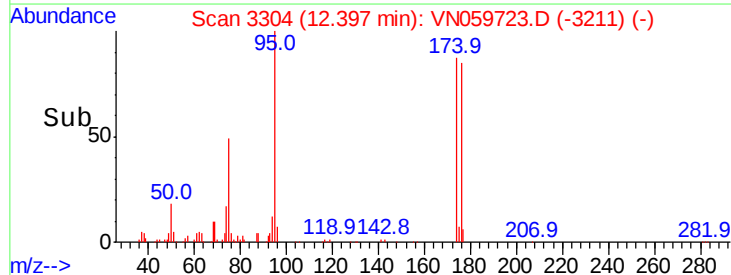
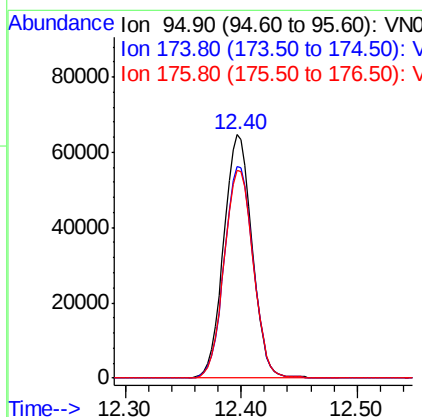
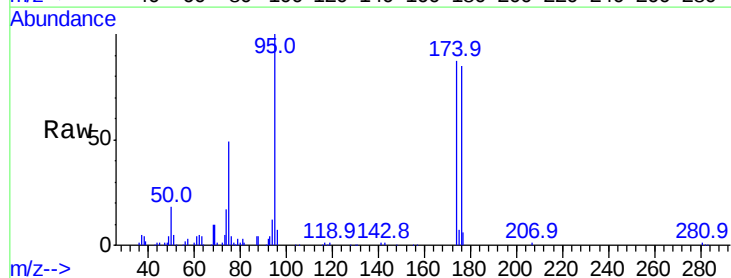
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBL01

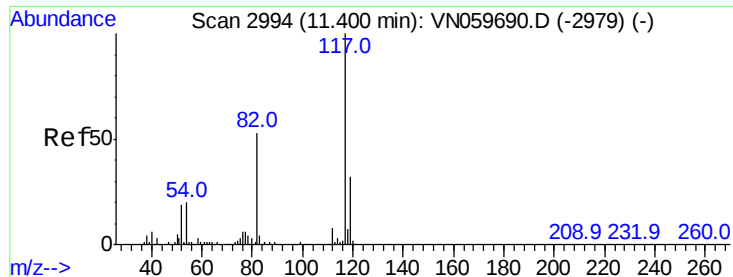
Tgt Ion: 43 Resp: 1503
 Ion Ratio Lower Upper
 43 100
 58 166.3 29.8 44.8#



#62
 4-Bromofluorobenzene
 Concen: 45.606 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059723.D
 Acq: 16 Jan 2020 11:16

Tgt Ion: 95 Resp: 109245
 Ion Ratio Lower Upper
 95 100
 174 88.5 0.0 151.4
 176 87.6 0.0 146.0

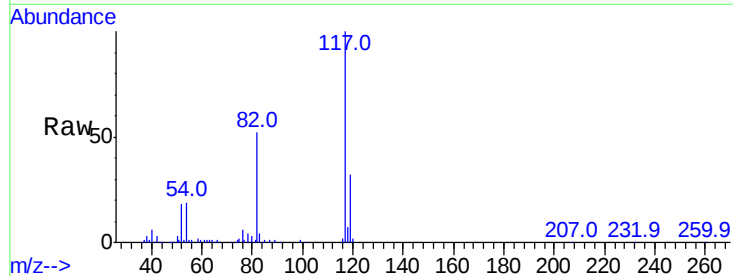




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059723.D
Acq: 16 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	45.9	68.9
119	31.8	25.5	38.3

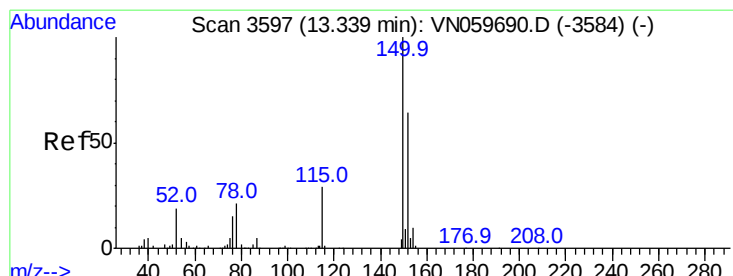
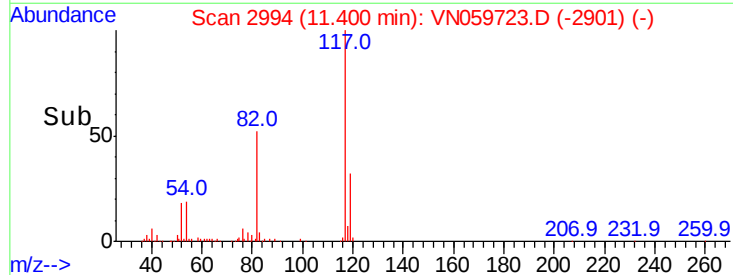
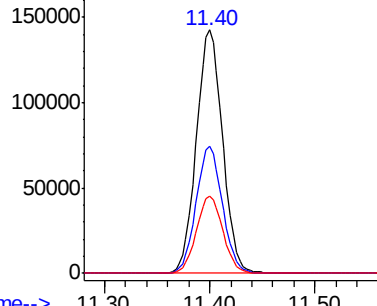


Abundance

Ion 116.90 (116.60 to 117.60): V

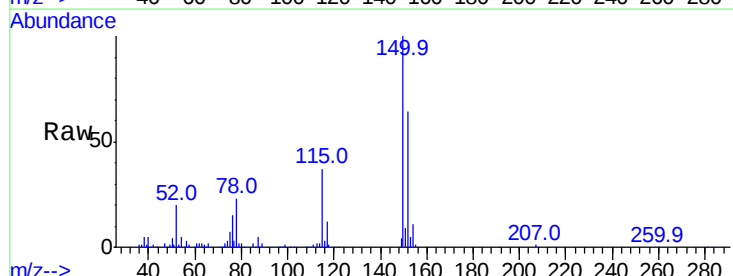
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059723.D
Acq: 16 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	30.3	90.9
150	156.8	0.0	345.2

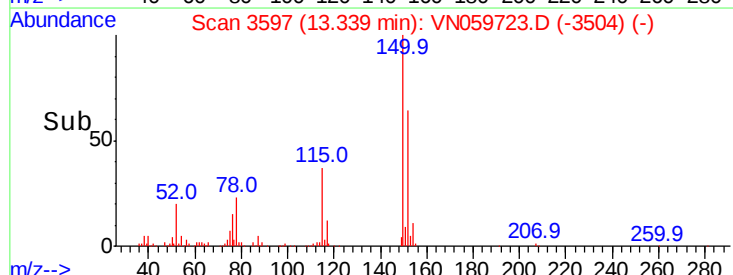
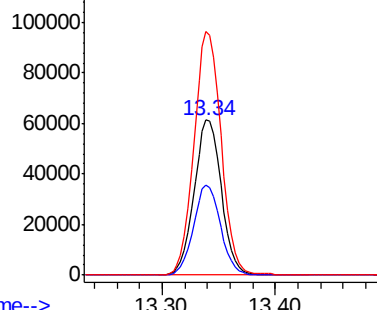


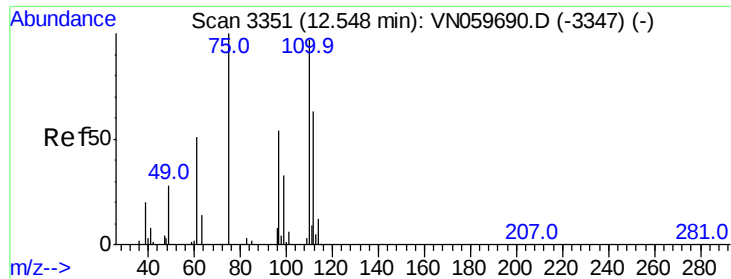
Abundance

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

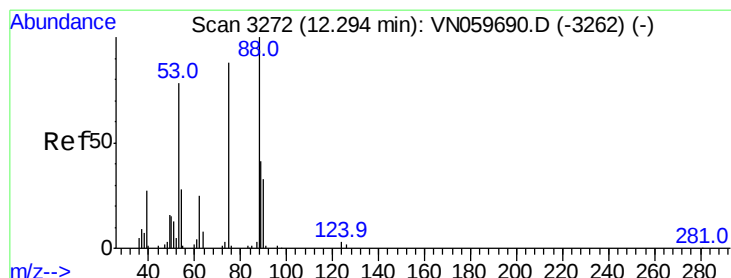
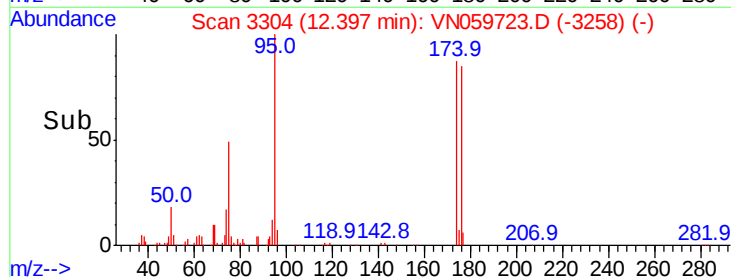
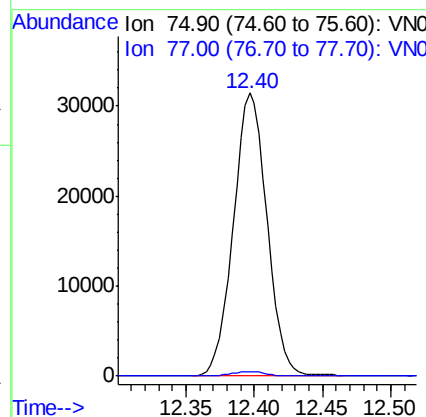
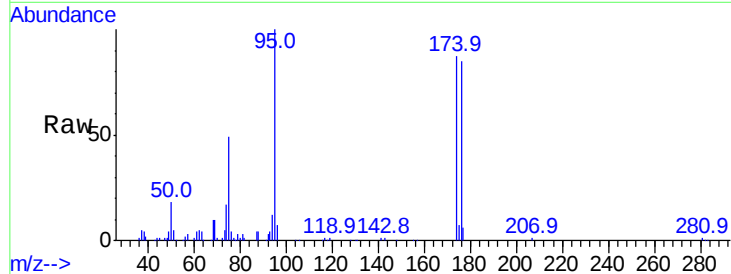




#76
 1,2,3-Trichloropropane
 Concen: 31.010 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.15 min
 Lab File: VN059723.D
 Acq: 16 Jan 2020 11:16

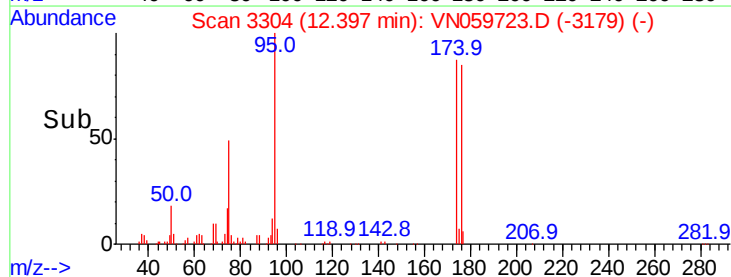
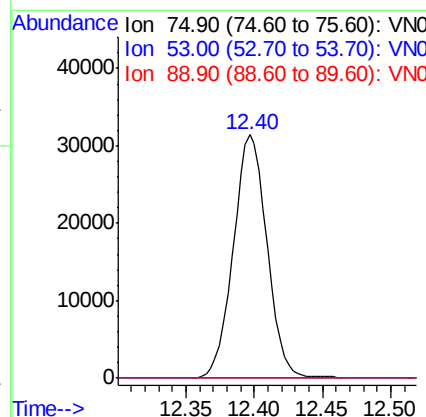
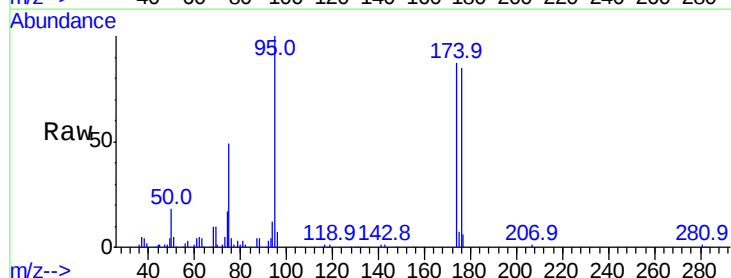
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBL01

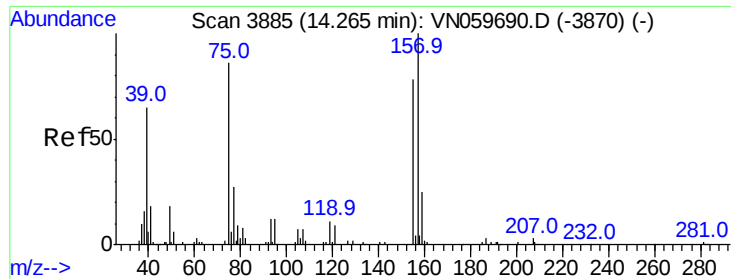
Tgt Ion: 75 Resp: 53717
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.594 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN059723.D
 Acq: 16 Jan 2020 11:16

Tgt Ion: 75 Resp: 53717
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.1 117.1#
 89 0.0 35.4 53.2#

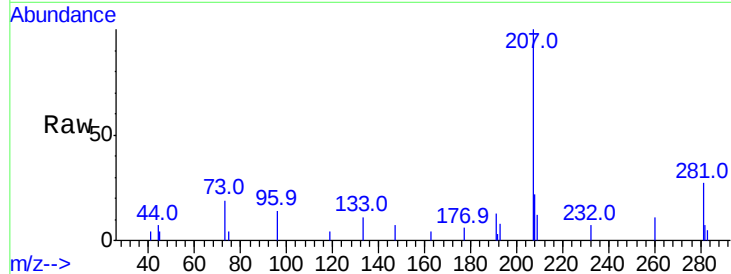




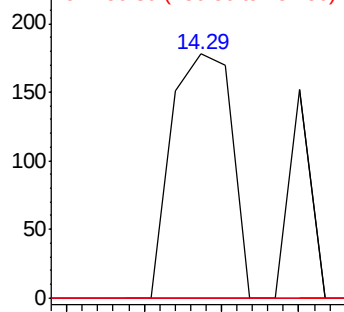
#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.29 min Scan# 3892
 Delta R.T. 0.02 min
 Lab File: VN059723.D
 Acq: 16 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBL01

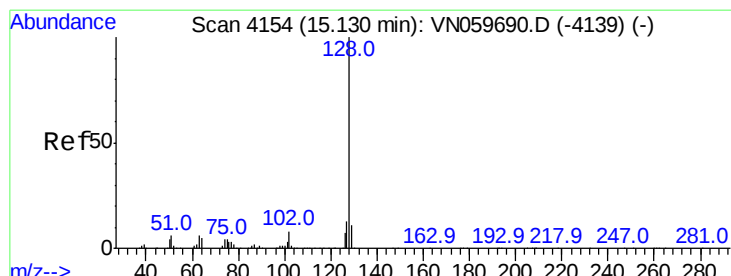
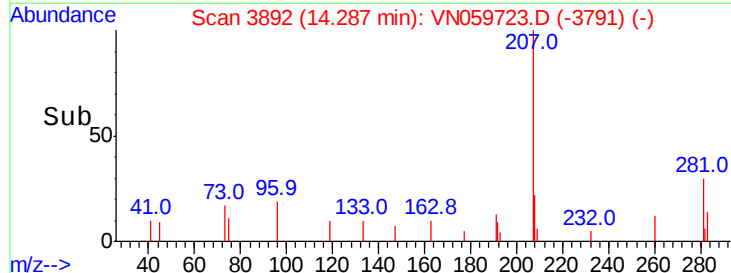
Tgt Ion: 75 Resp: 96
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.0 110.9#
 157 0.0 48.4 145.2#



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

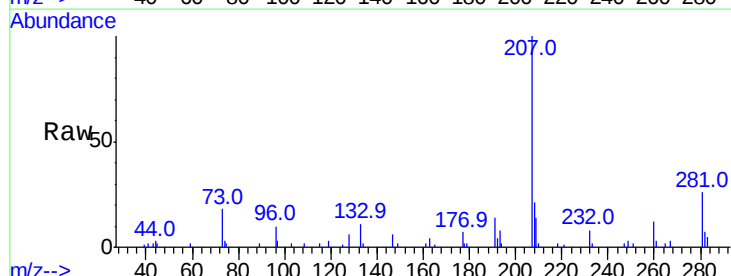


Time--> 14.27 14.28 14.29 14.30

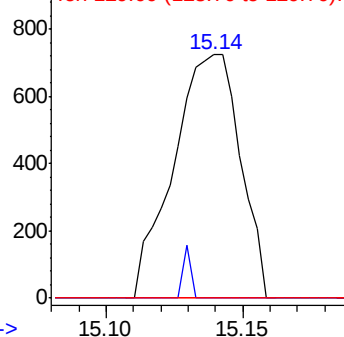


#95
 Naphthalene
 Concen: 0.220 ug/l
 RT: 15.14 min Scan# 4157
 Delta R.T. 0.01 min
 Lab File: VN059723.D
 Acq: 16 Jan 2020 11:16

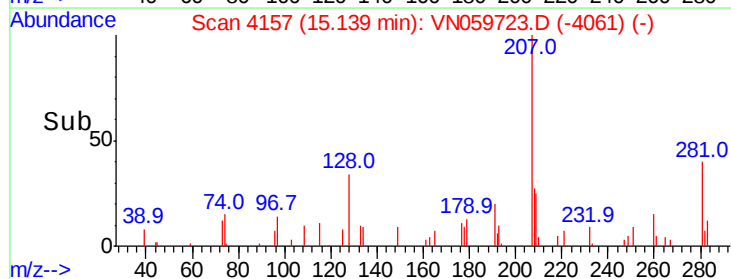
Tgt Ion: 128 Resp: 1233
 Ion Ratio Lower Upper
 128 100
 127 2.5 10.4 15.6#
 129 0.0 8.6 12.8#

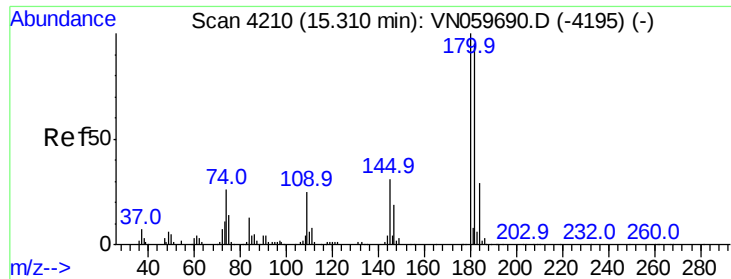


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V



Time--> 15.10 15.15





#96
 1,2,3-Trichlorobenzene
 Concen: 0.227 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN059723.D
 Acq: 16 Jan 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	75.7	47.4	142.3
145	71.3	16.3	48.9

