

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060771.D
 Acq On : 30 Mar 2020 15:27
 Operator : JC/MD
 Sample : L2059-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 31 08:00:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	319475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136735	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	125350	47.65	ug/l	0.00
Spiked Amount						
			Recovery	=	95.30%	
35) Dibromofluoromethane	7.56	113	95079	49.22	ug/l	0.00
Spiked Amount						
			Recovery	=	98.44%	
50) Toluene-d8	10.08	98	393653	49.89	ug/l	0.00
Spiked Amount						
			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.40	95	148177	51.24	ug/l	0.00
Spiked Amount						
			Recovery	=	102.48%	

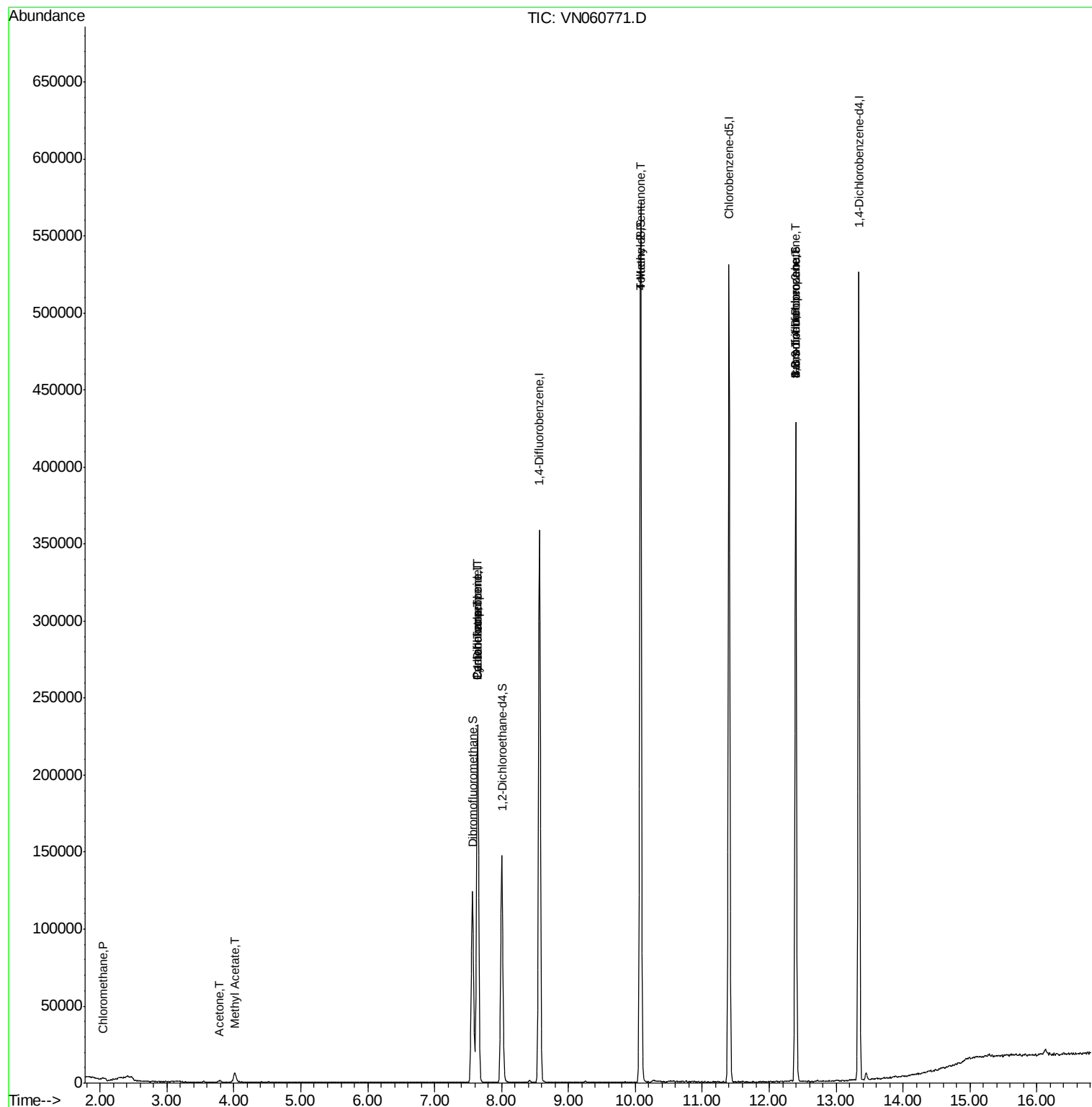
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	893	0.258	ug/l	94
16) Acetone	3.78	43	2234	2.398	ug/l #	82
18) Methyl Acetate	4.01	43	2088	0.796	ug/l #	54
31) Cyclohexane	7.64	56	3960	0.935	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	15103	4.882	ug/l #	49
38) Carbon Tetrachloride	7.64	117	18473	6.663	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	1957	0.624	ug/l #	1
71) Bromoform	12.40	173	193	1.784	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	75384	25.550	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	75384	65.620	ug/l #	13

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

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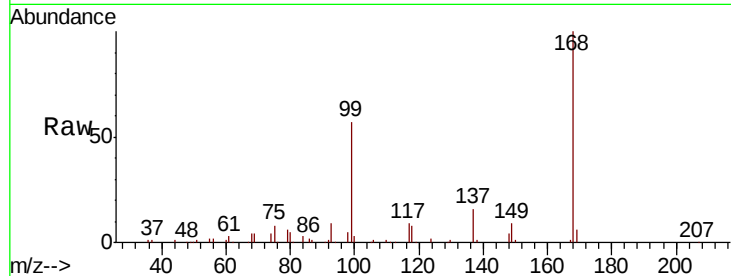




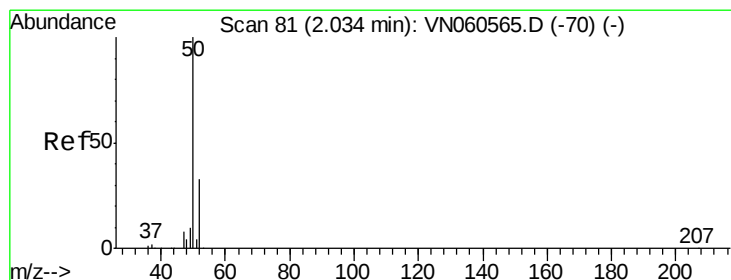
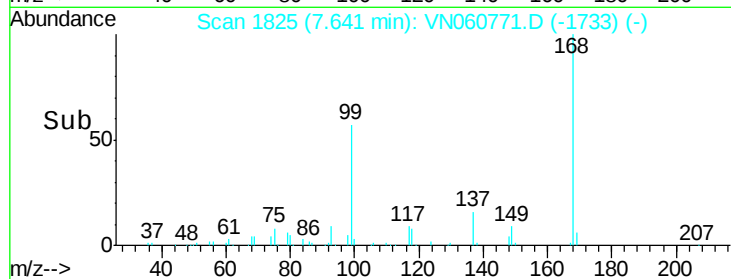
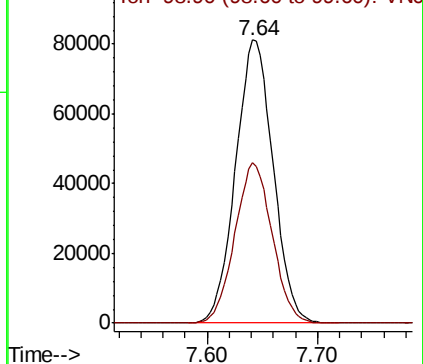
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN060771.D
Acq: 30 Mar 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 191613
Ion Ratio Lower Upper
168 100
99 56.7 44.0 66.0

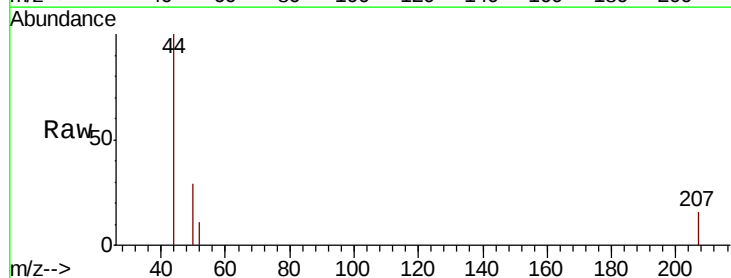


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN

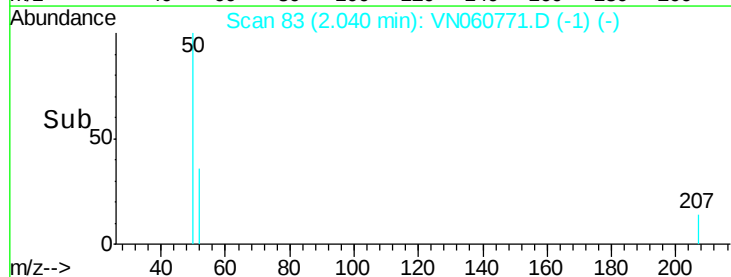
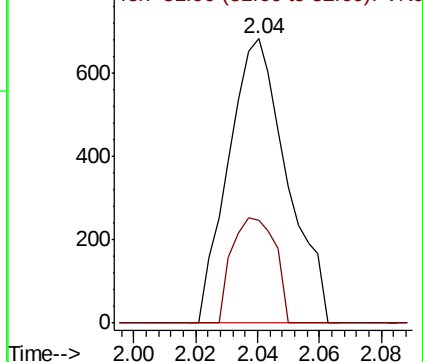


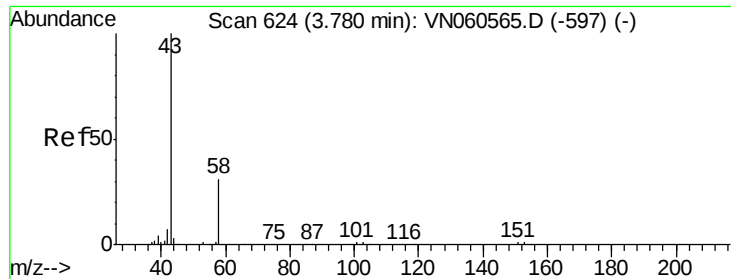
#3
Chloromethane
Concen: 0.258 ug/l
RT: 2.04 min Scan# 83
Delta R.T. 0.01 min
Lab File: VN060771.D
Acq: 30 Mar 2020 15:27

Tgt Ion: 50 Resp: 893
Ion Ratio Lower Upper
50 100
52 36.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN
Ion 51.90 (51.60 to 52.60): VN

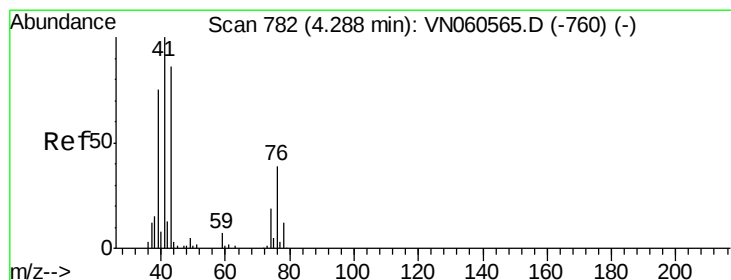
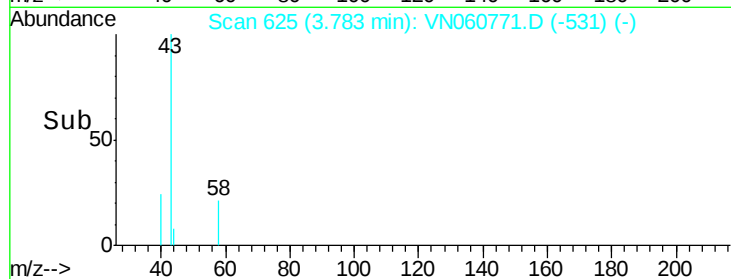
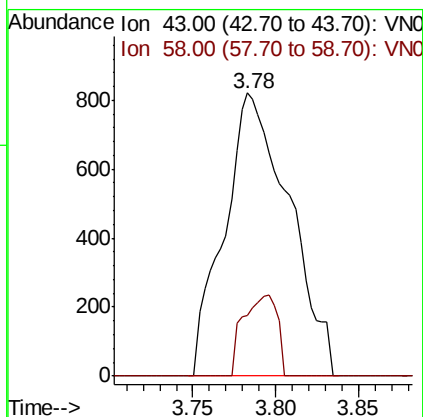
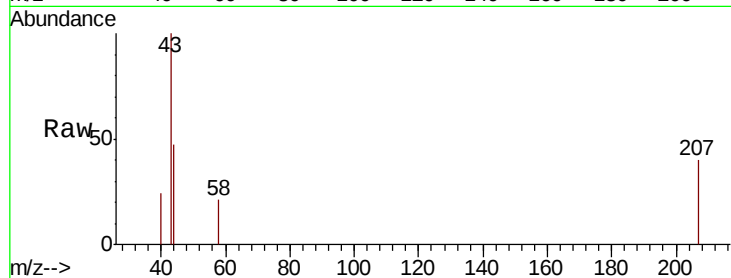




#16
Acetone
Concen: 2.398 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.00 min
Lab File: VN060771.D
Acq: 30 Mar 2020 15:27

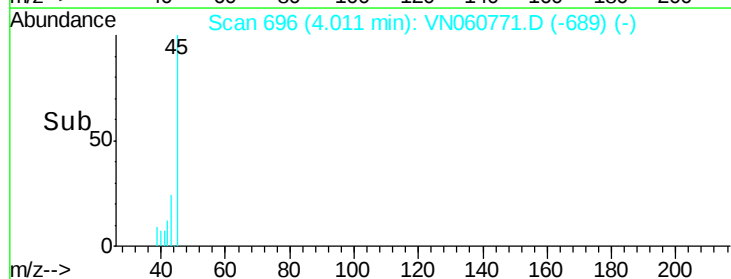
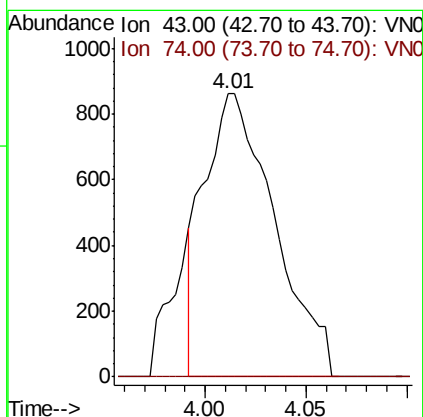
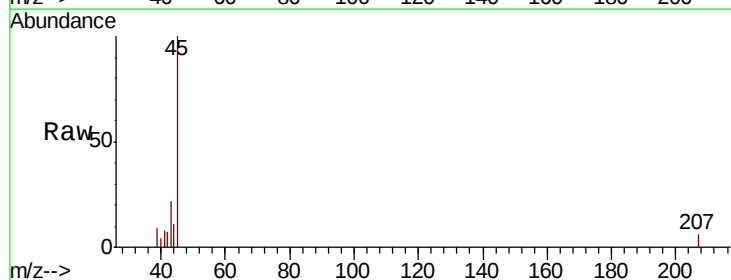
Instrument :
MSVOA_N
ClientSampled :

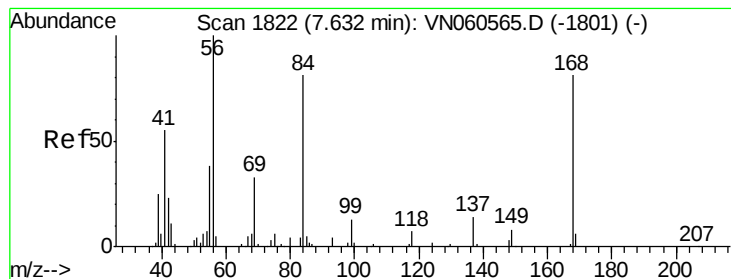
Tot Ion: 43 Resp: 2234
Ion Ratio Lower Upper
43 100
58 21.4 25.1 37.7#



#18
Methyl Acetate
Concen: 0.796 ug/l
RT: 4.01 min Scan# 696
Delta R.T. -0.28 min
Lab File: VN060771.D
Acq: 30 Mar 2020 15:27

Tgt Ion: 43 Resp: 2088
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#





#31

Cyclohexane

Concen: 0.935 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

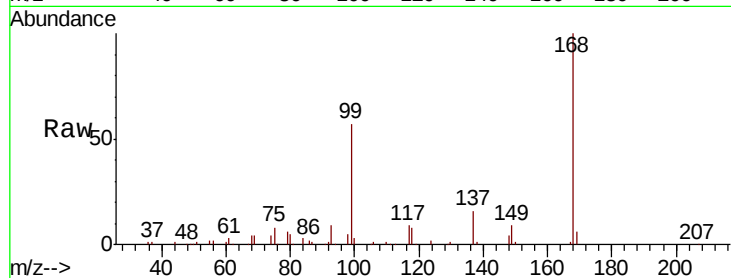
Lab File: VN060771.D

Acq: 30 Mar 2020 15:27

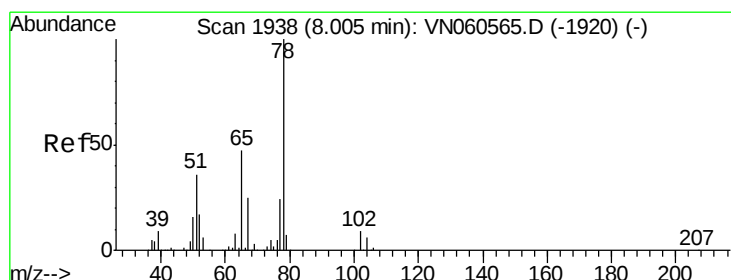
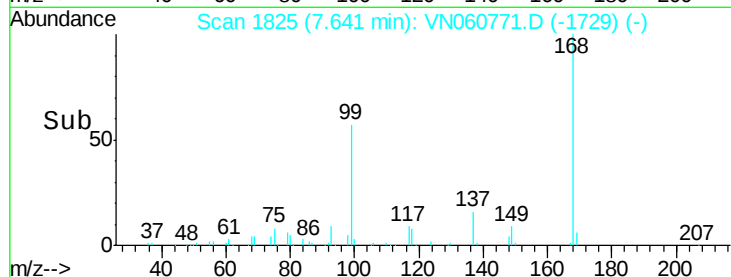
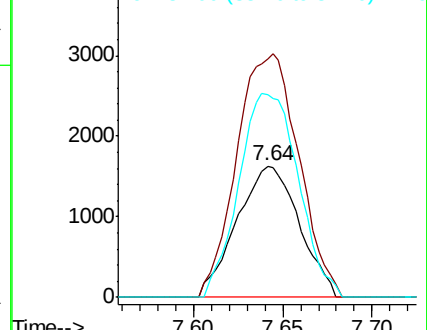
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 3960

Ion	Ratio	Lower	Upper
56	100		
69	181.4	26.6	40.0#
84	154.2	64.3	96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.654 ug/l

RT: 8.00 min Scan# 1938

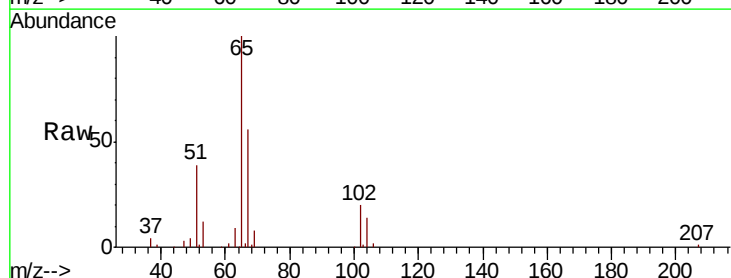
Delta R.T. -0.00 min

Lab File: VN060771.D

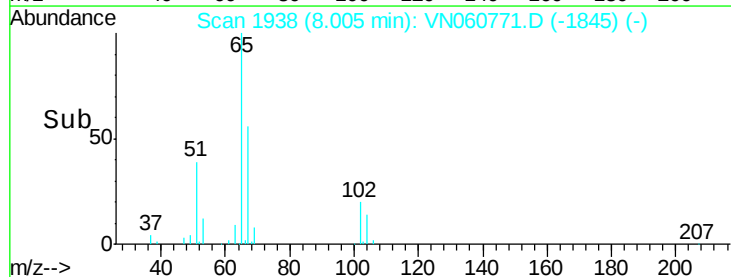
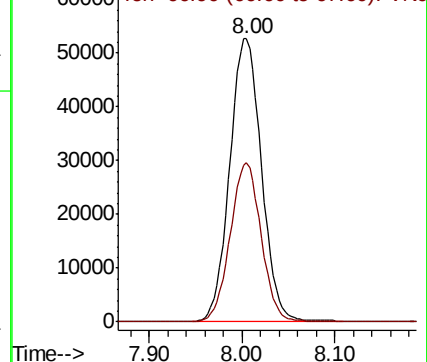
Acq: 30 Mar 2020 15:27

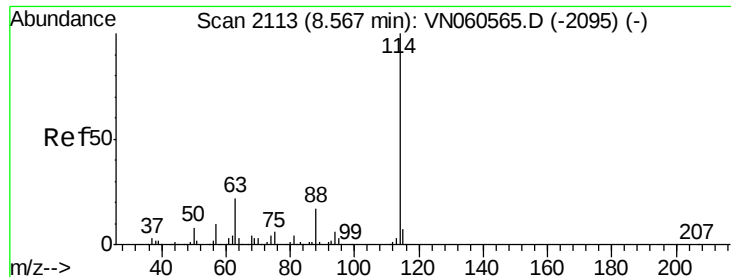
Tgt Ion: 65 Resp: 125350

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

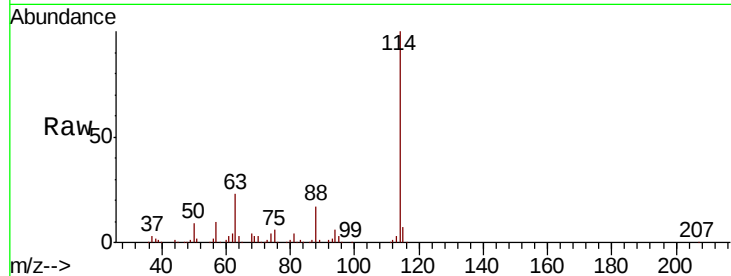




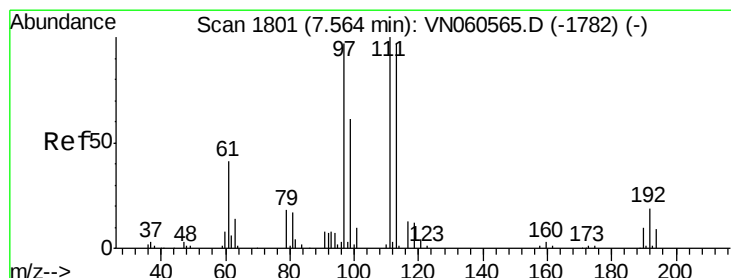
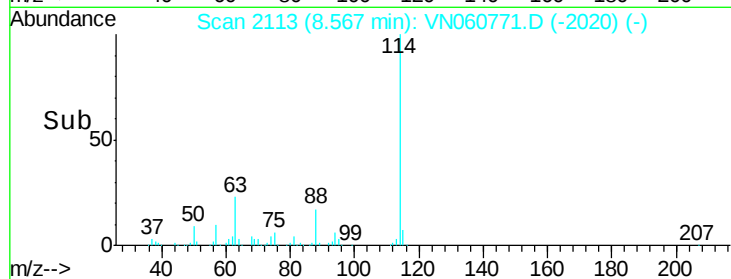
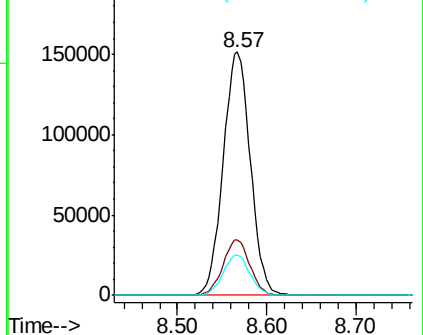
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060771.D
 Acq: 30 Mar 2020 15:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.8
88	16.6	0.0	33.0

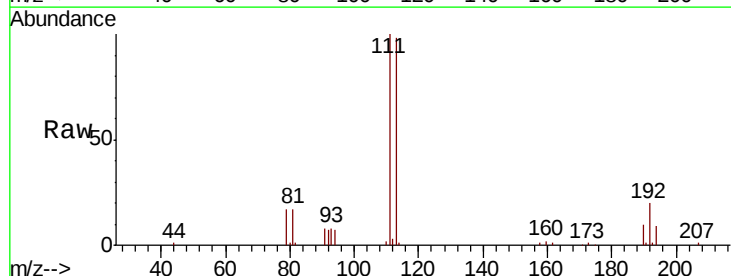


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

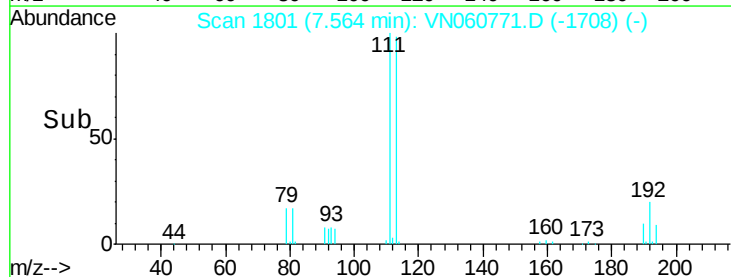
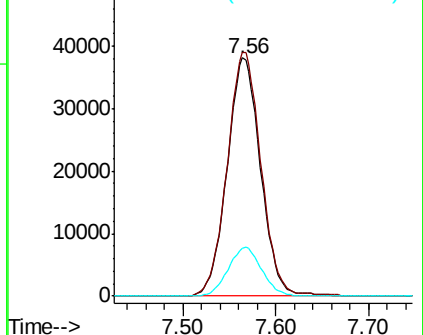


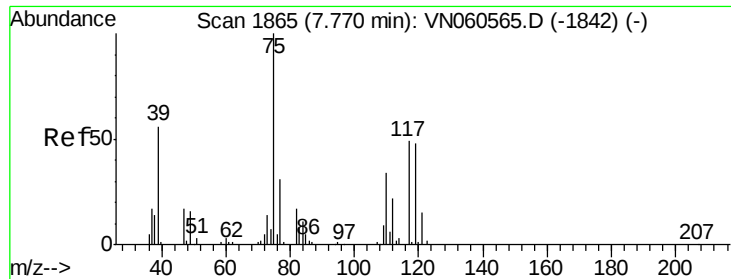
#35
 Dibromofluoromethane
 Concen: 49.219 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060771.D
 Acq: 30 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	20.4	15.8	23.8



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

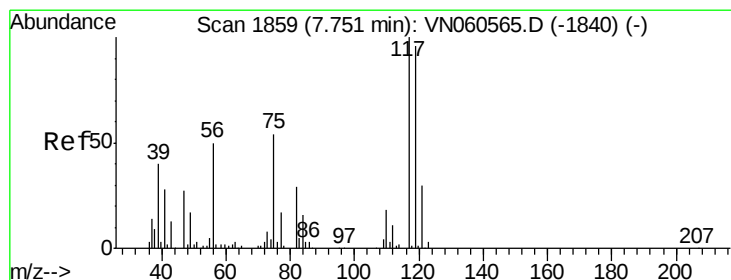
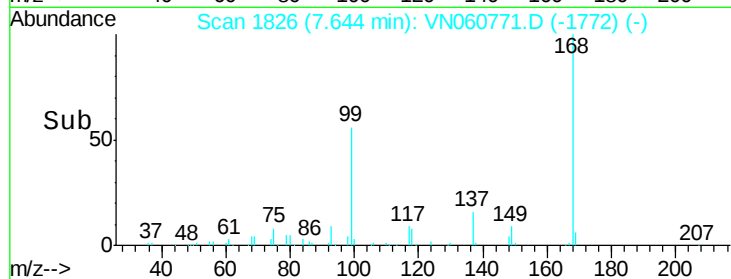
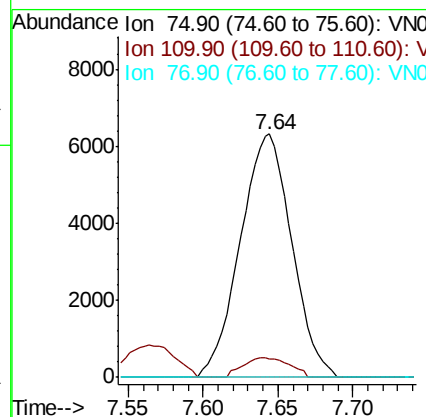
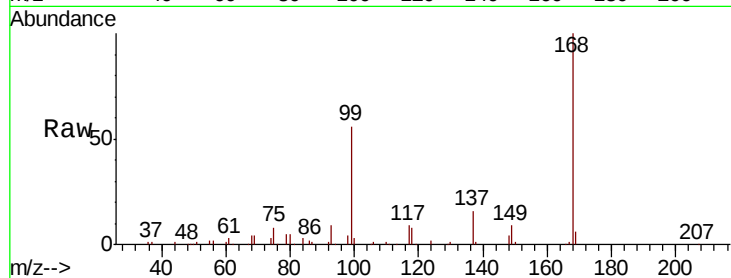




#36
 1,1-Dichloropropene
 Concen: 4.882 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN060771.D
 Acq: 30 Mar 2020 15:27

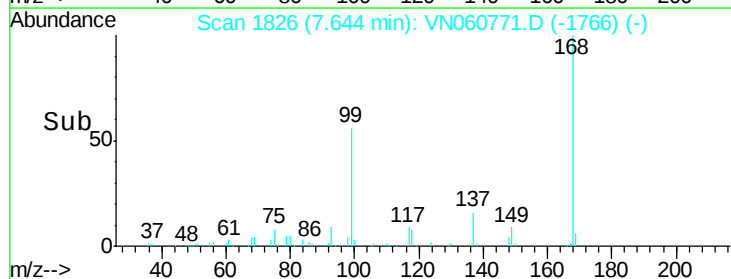
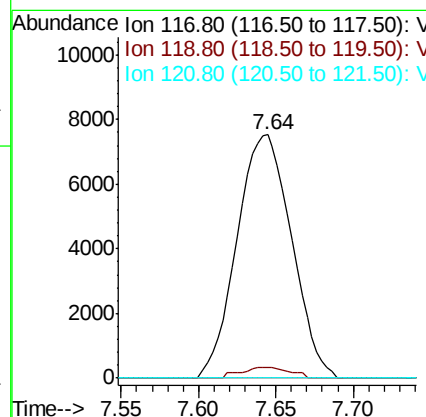
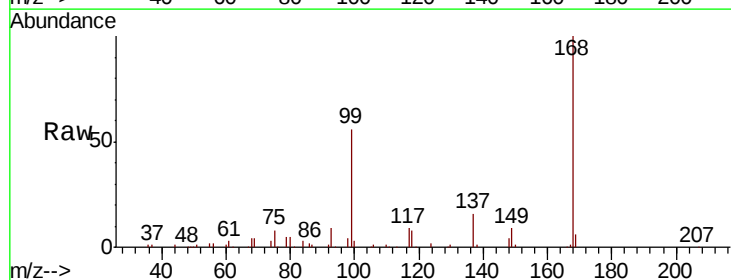
Instrument :
 MSVOA_N
 ClientSampleId :

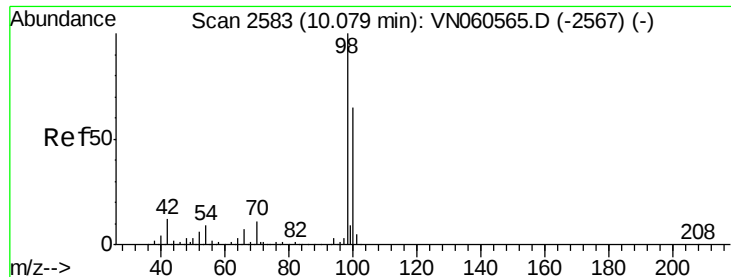
Tot Ion	75	Resp	15103
Ion Ratio	Lower	Upper	
75	100		
110	7.3	16.9	50.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.663 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN060771.D
 Acq: 30 Mar 2020 15:27

Tgt Ion	117	Resp	18473
Ion Ratio	Lower	Upper	
117	100		
119	4.2	76.2	114.2#
121	0.0	23.7	35.5#

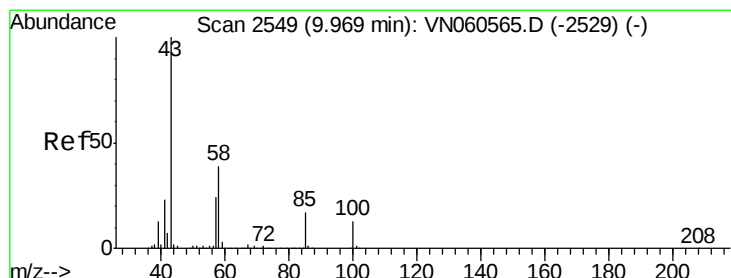
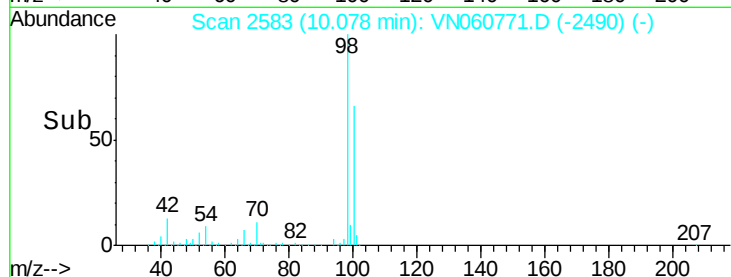
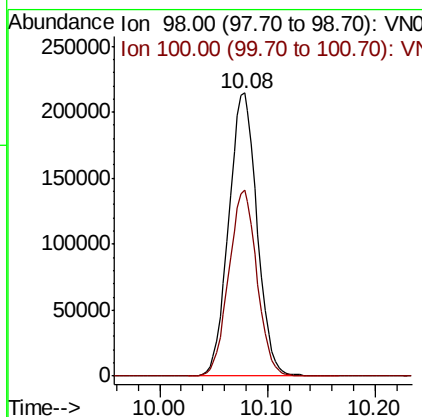
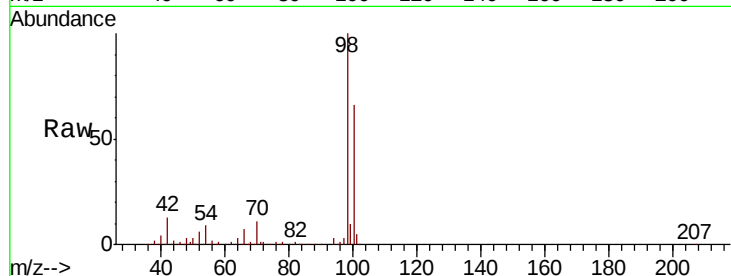




#50
Toluene-d8
Concen: 49.889 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060771.D
Acq: 30 Mar 2020 15:27

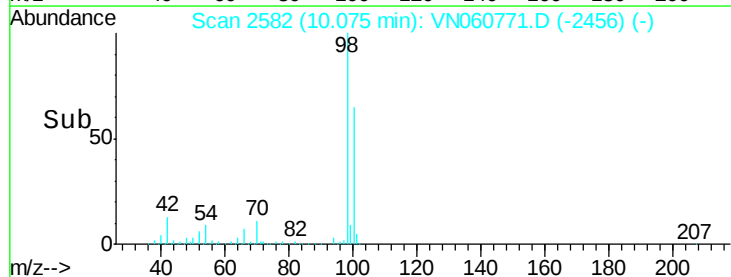
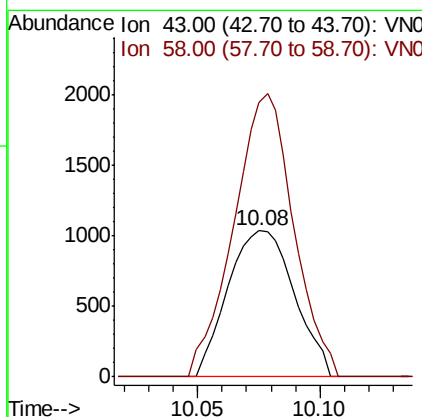
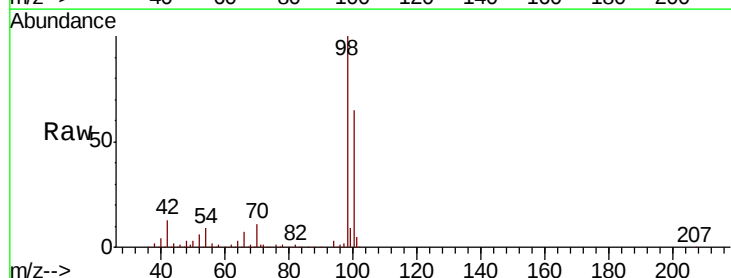
Instrument :
MSVOA_N
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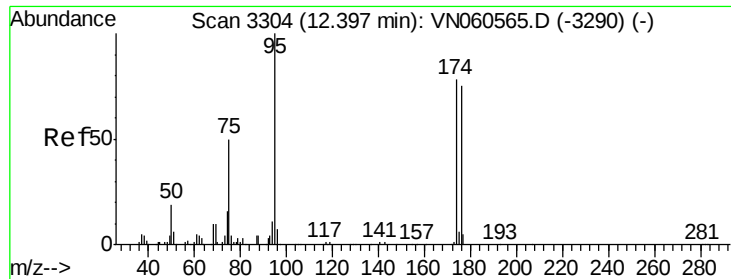
Tot Ion: 98 Resp: 393653
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 0.624 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.11 min
Lab File: VN060771.D
Acq: 30 Mar 2020 15:27

Tgt Ion: 43 Resp: 1957
Ion Ratio Lower Upper
43 100
58 173.9 30.8 46.2#





#62

4-Bromofluorobenzene

Concen: 51.241 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060771.D

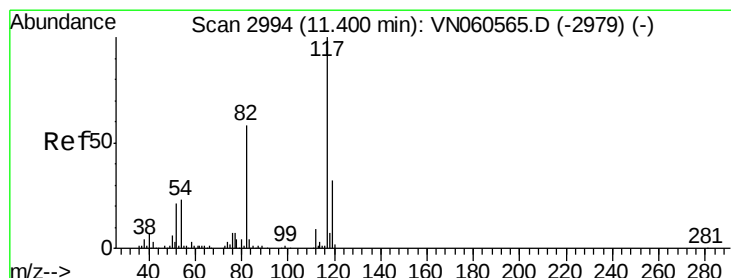
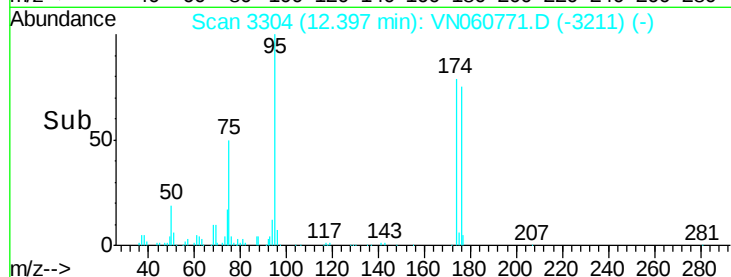
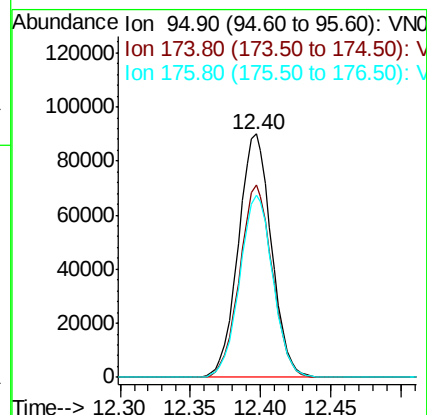
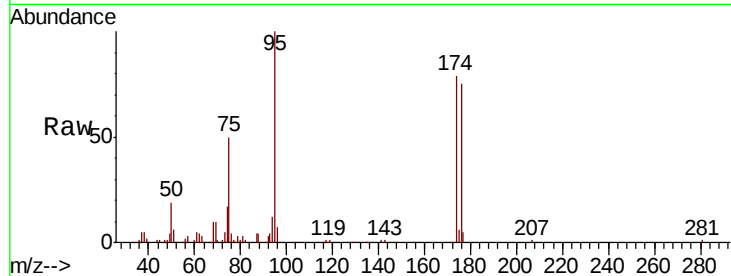
Acq: 30 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	95	Resp:	148177
Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	157.6
176	75.0	0.0	150.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

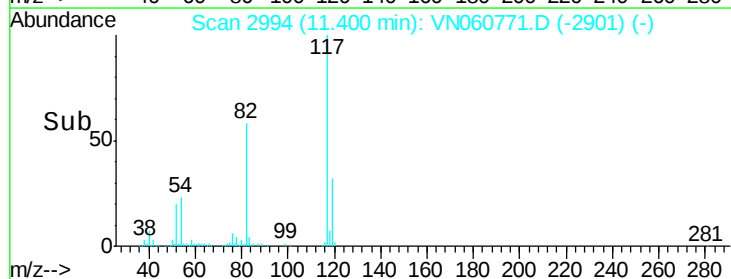
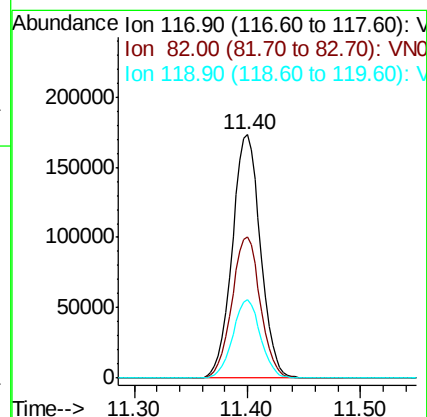
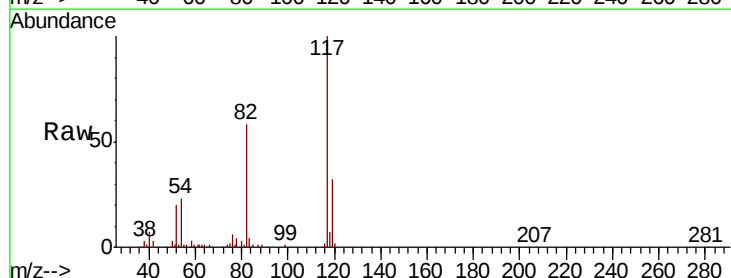
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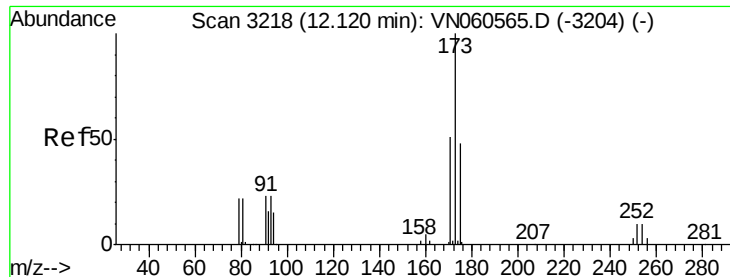
Delta R.T. -0.00 min

Lab File: VN060771.D

Acq: 30 Mar 2020 15:27

Tgt Ion:	117	Resp:	301105
Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.7	70.1
119	32.0	25.5	38.3





#71

Bromoform

Concen: 1.784 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN060771.D

Acq: 30 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

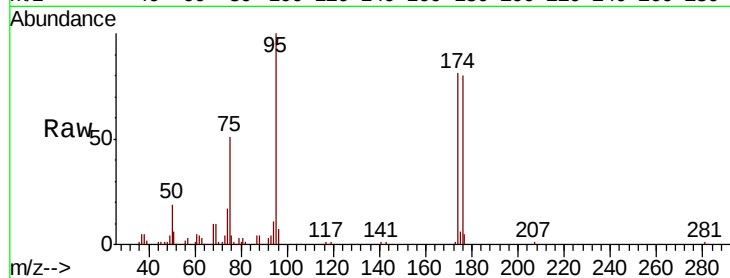
Tot Ion:173 Resp: 193

Ion Ratio Lower Upper

173 100

175 3705.7 24.1 72.4#

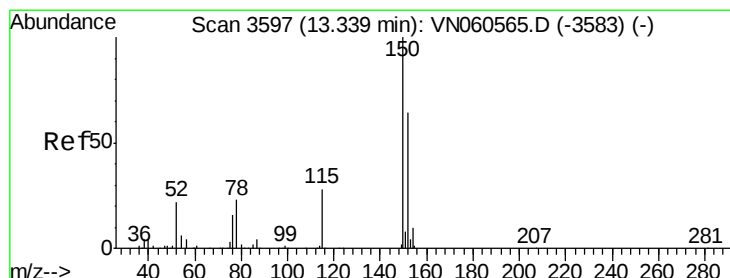
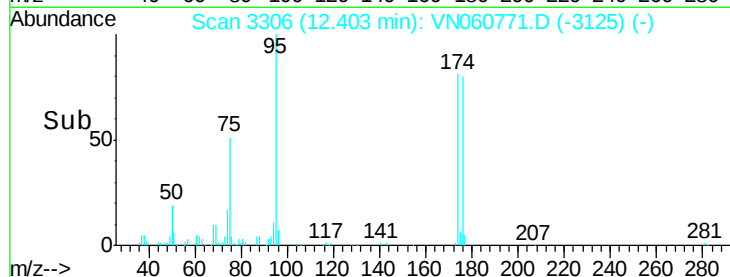
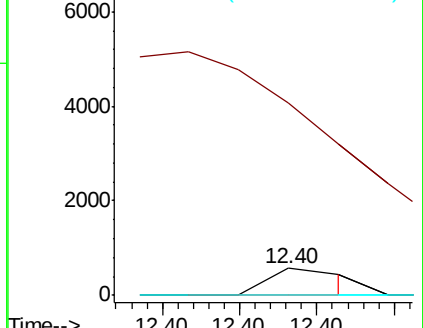
254 0.0 0.0 0.0



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: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060771.D

Acq: 30 Mar 2020 15:27

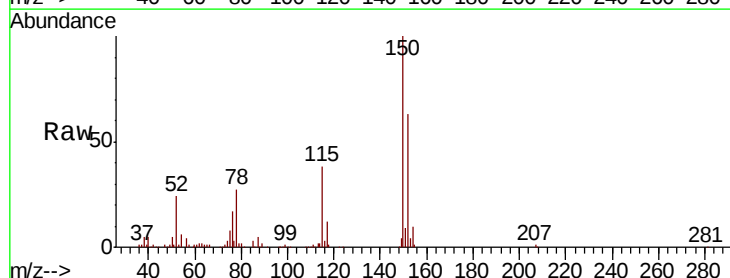
Tgt Ion:152 Resp: 136735

Ion Ratio Lower Upper

152 100

115 60.4 30.2 90.6

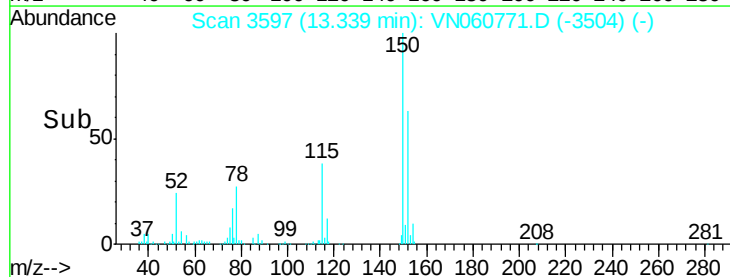
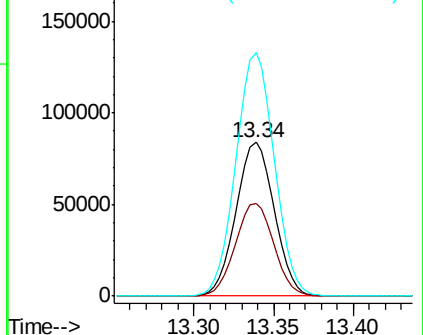
150 159.3 0.0 350.2

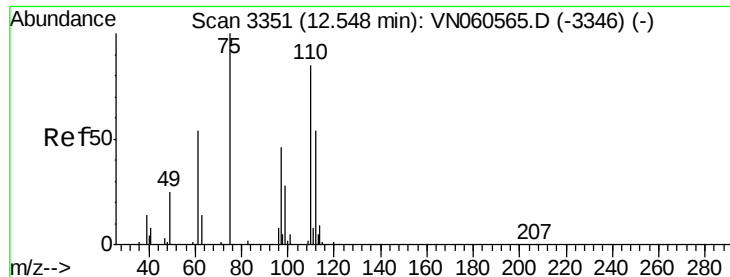


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.550 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060771.D

Acq: 30 Mar 2020 15:27

Instrument :

MSVOA_N

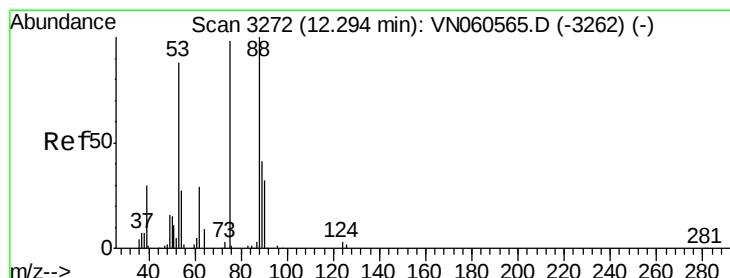
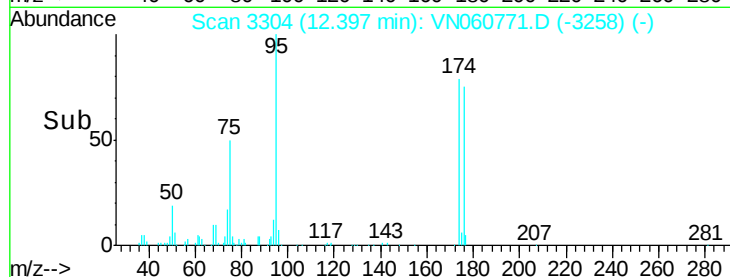
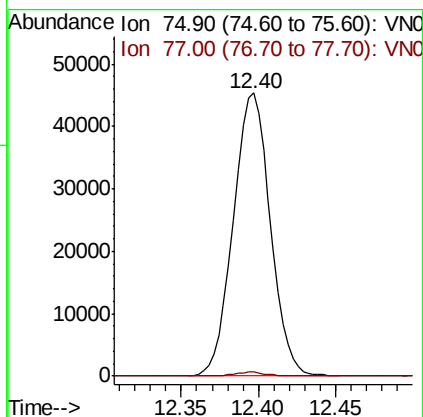
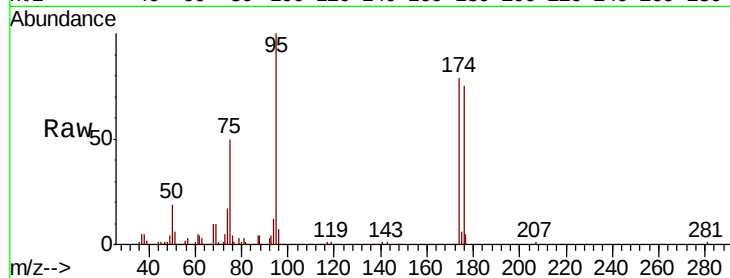
ClientSampled :

Tot Ion: 75 Resp: 75384

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.620 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060771.D

Acq: 30 Mar 2020 15:27

Tgt Ion: 75 Resp: 75384

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#

