

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061877.D
 Acq On : 18 Jun 2020 3:29
 Operator : JC/MD
 Sample : L3011-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20200611

Quant Time: Jun 18 04:01:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	125559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	233628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	221605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82480	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	85169	50.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.16%	
35) Dibromofluoromethane	7.55	113	75196	50.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.62%	
50) Toluene-d8	10.06	98	287165	48.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.38	95	93176	46.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.46%	

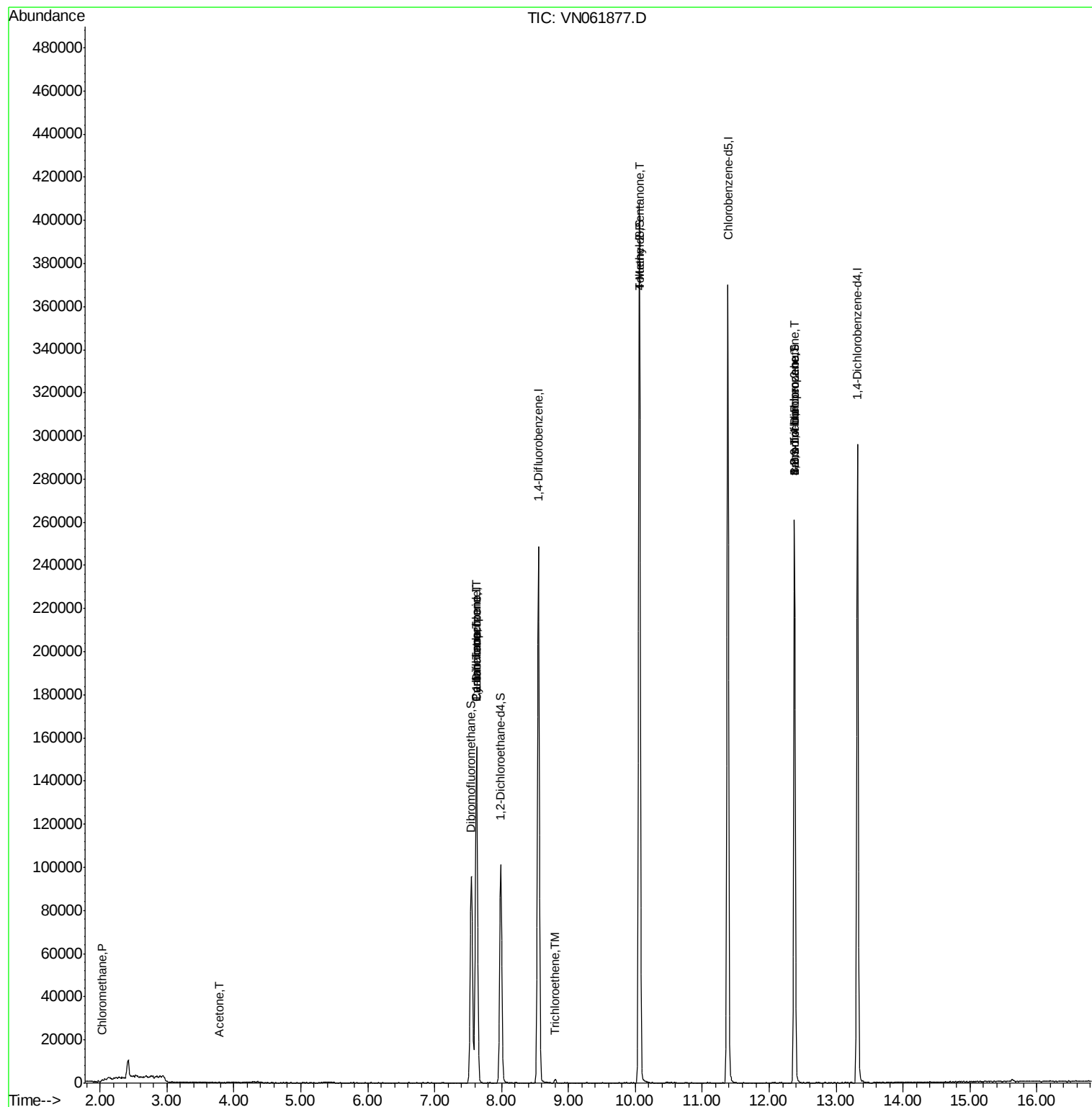
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	352	0.202	ug/l #	65
16) Acetone	3.78	43	352	0.708	ug/l #	40
31) Cyclohexane	7.62	56	2486	1.120	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	9896	4.644	ug/l #	47
38) Carbon Tetrachloride	7.63	117	13046	6.182	ug/l #	17
44) Trichloroethene	8.81	130	735	0.433	ug/l	93
51) 4-Methyl-2-Pentanone	10.06	43	1065	0.643	ug/l #	1
71) Bromoform	12.37	173	438	0.368	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	45988	28.400	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	45988	77.459	ug/l #	14

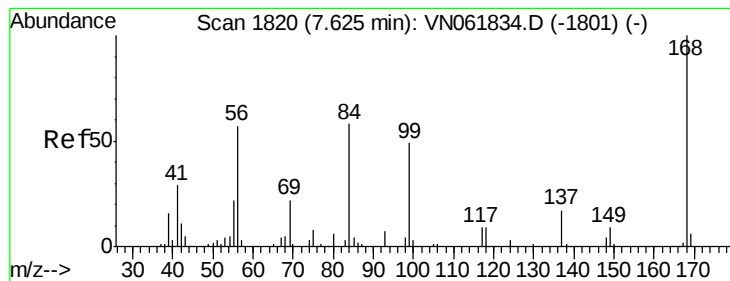
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061720\
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061877.D

Acq: 18 Jun 2020 3:29

Instrument :

MSVOA_N

ClientSampleId :

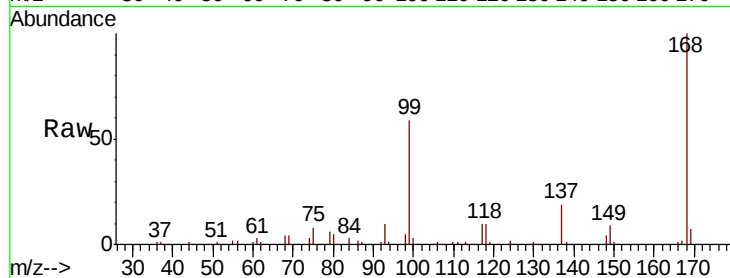
RE117D2-20200611

Tot Ion:168 Resp: 125559

Ion Ratio Lower Upper

168 100

99 59.3 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

60000

50000

40000

30000

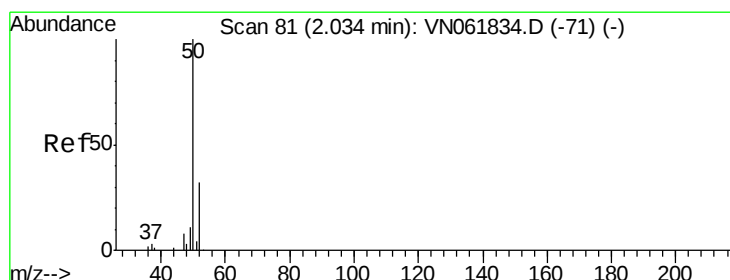
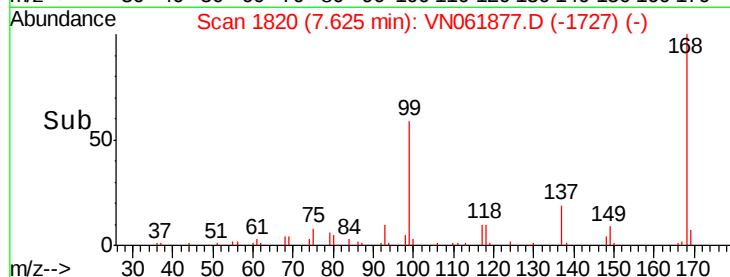
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#3

Chloromethane

Concen: 0.202 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061877.D

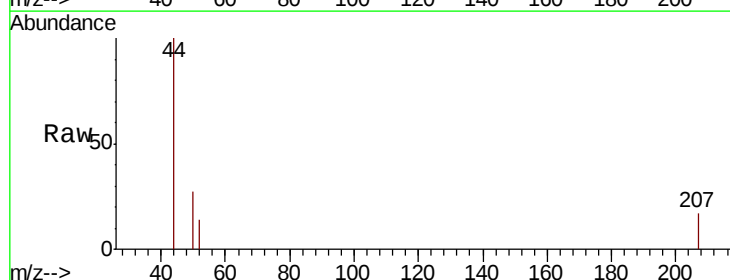
Acq: 18 Jun 2020 3:29

Tgt Ion: 50 Resp: 352

Ion Ratio Lower Upper

50 100

52 52.2 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

300

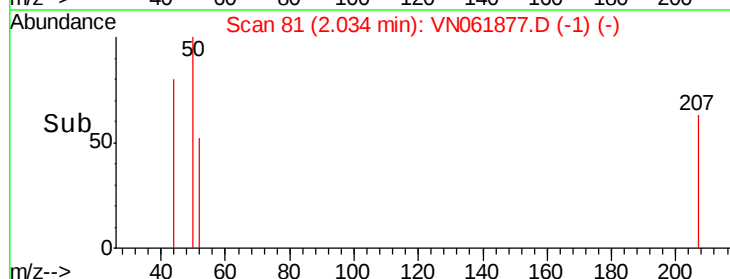
200

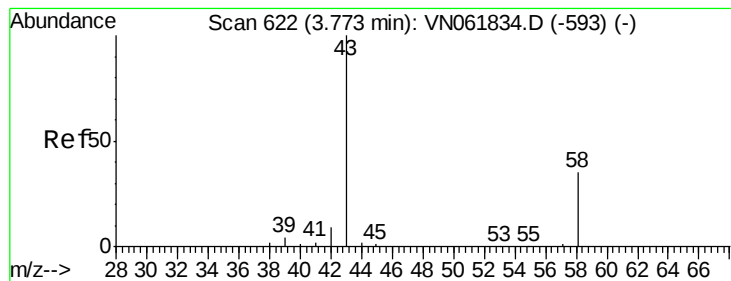
100

0

2.00 2.02 2.04 2.06

Time-->





#16

Acetone

Concen: 0.708 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061877.D

Acq: 18 Jun 2020 3:29

Instrument :

MSVOA_N

ClientSampleId :

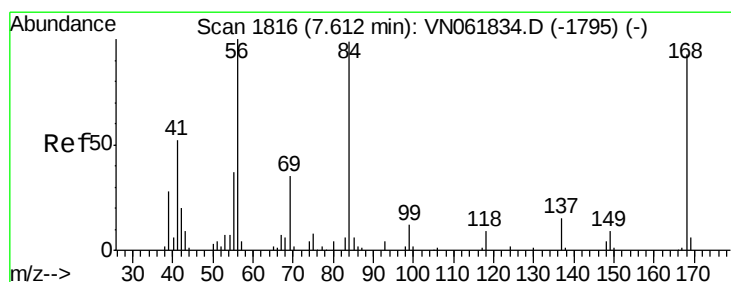
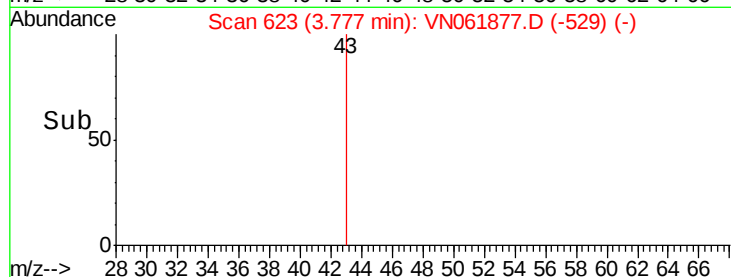
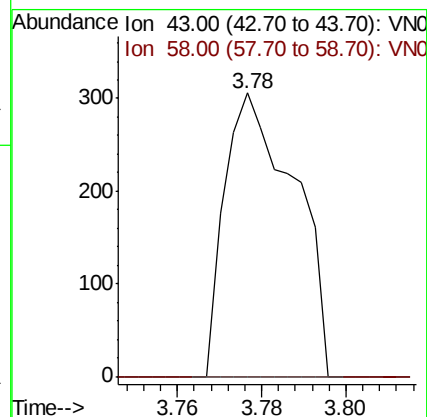
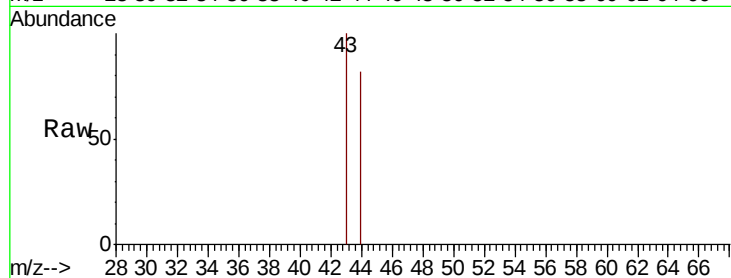
RE117D2-20200611

Tot Ion: 43 Resp: 352

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.8#



#31

Cyclohexane

Concen: 1.120 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN061877.D

Acq: 18 Jun 2020 3:29

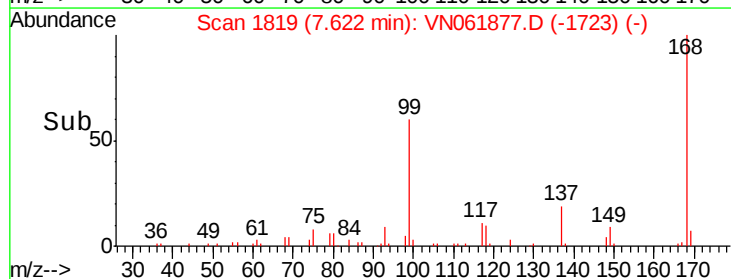
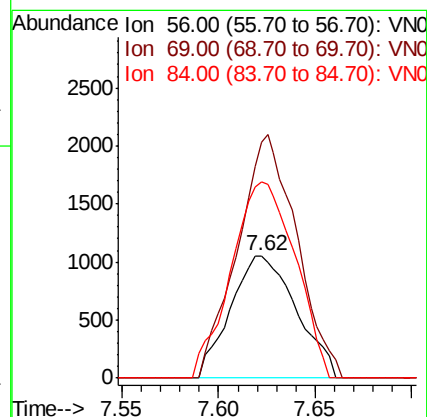
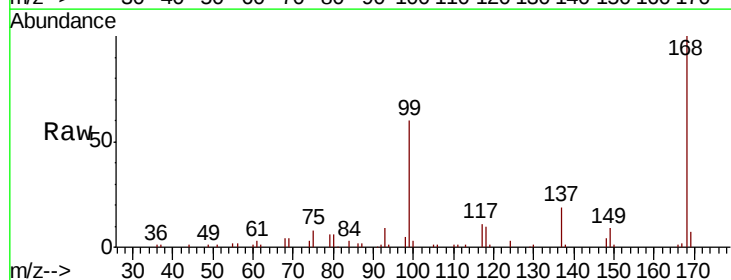
Tgt Ion: 56 Resp: 2486

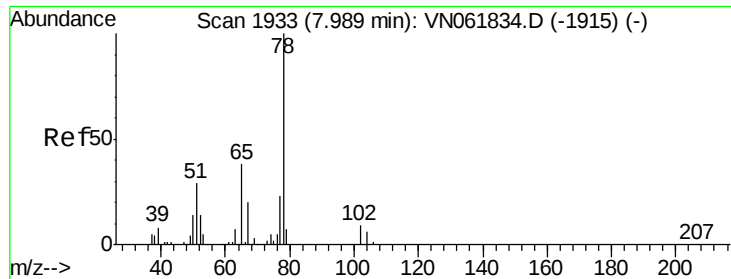
Ion Ratio Lower Upper

56 100

69 192.3 27.7 41.5#

84 159.8 79.1 118.7#

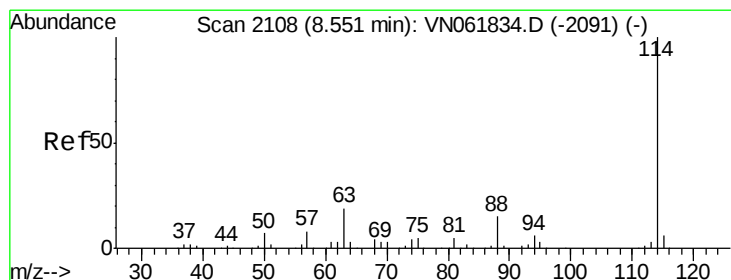
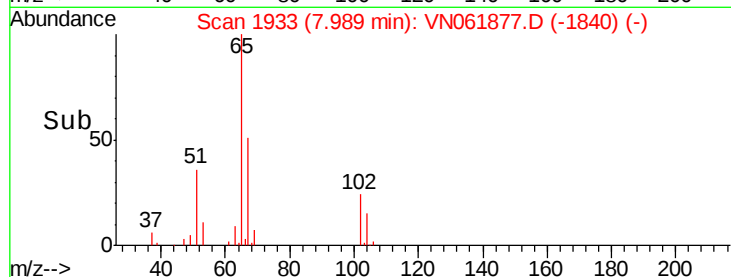
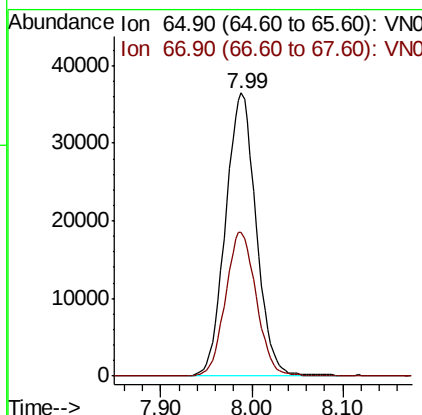
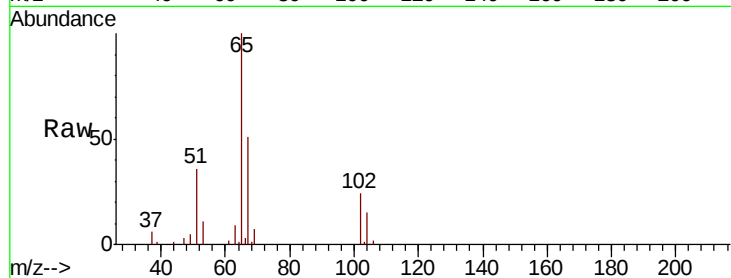




#33
 1,2-Dichloroethane-d4
 Concen: 50.577 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061877.D
 Acq: 18 Jun 2020 3:29

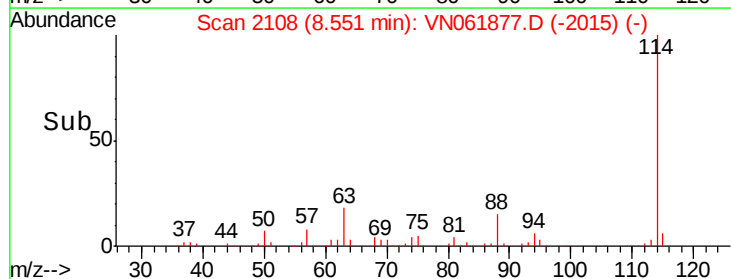
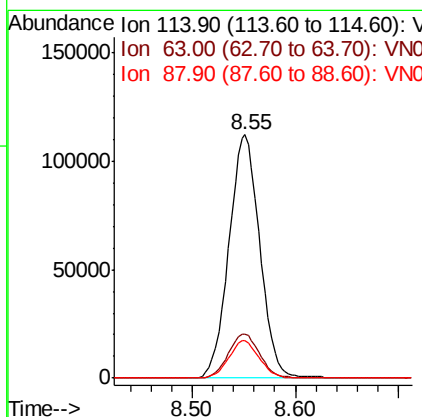
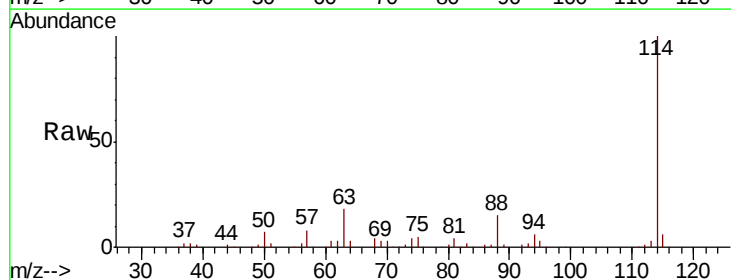
Instrument :
 MSVOA_N
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 RE117D2-20200611

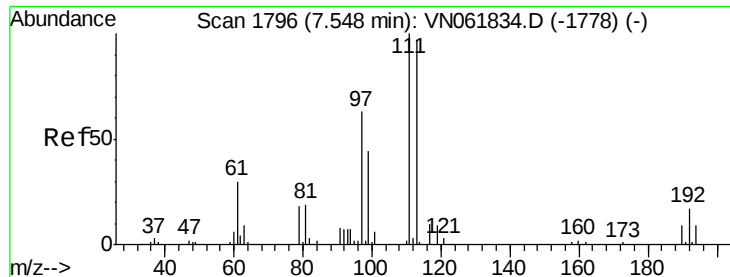
Tot Ion: 65 Resp: 85169
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061877.D
 Acq: 18 Jun 2020 3:29

Tgt Ion: 114 Resp: 233628
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 37.6
 88 15.2 0.0 31.0

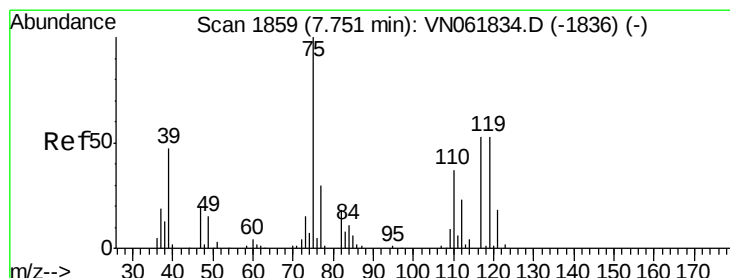
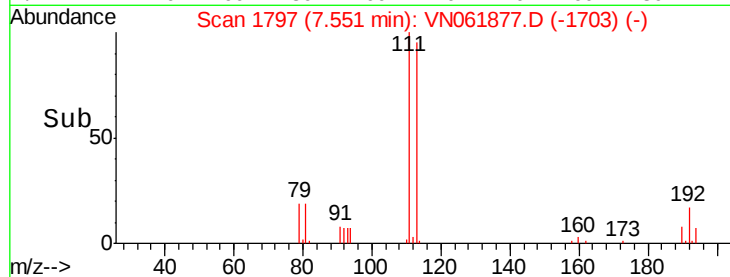
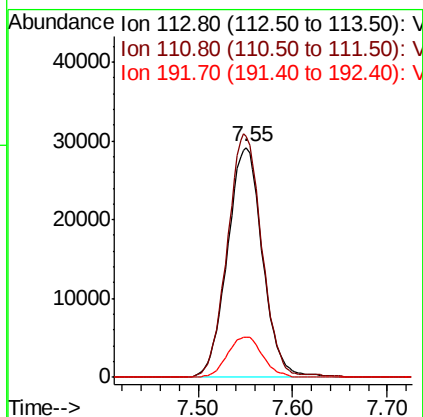
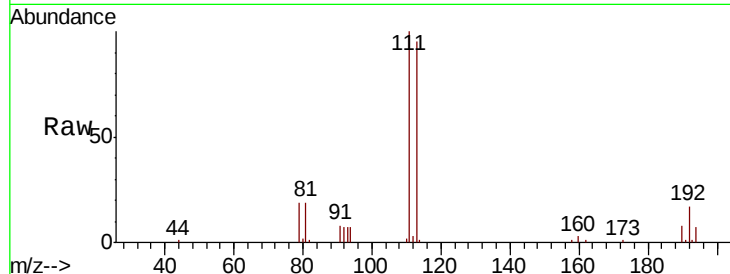




#35
 Dibromofluoromethane
 Concen: 50.311 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061877.D
 Acq: 18 Jun 2020 3:29

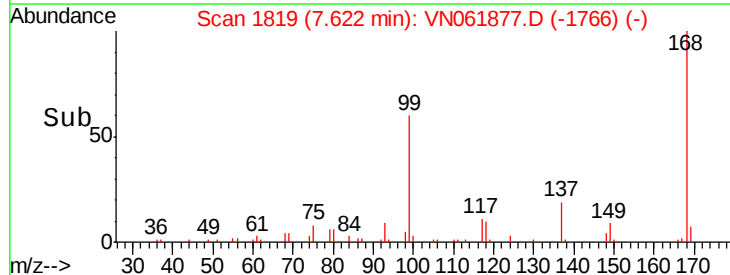
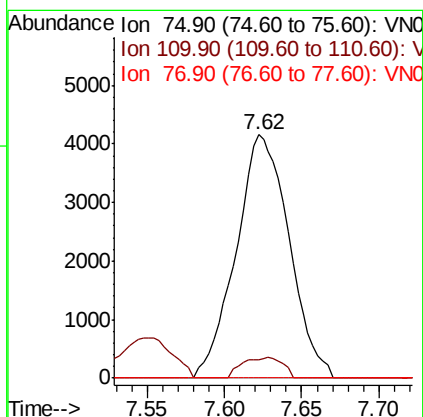
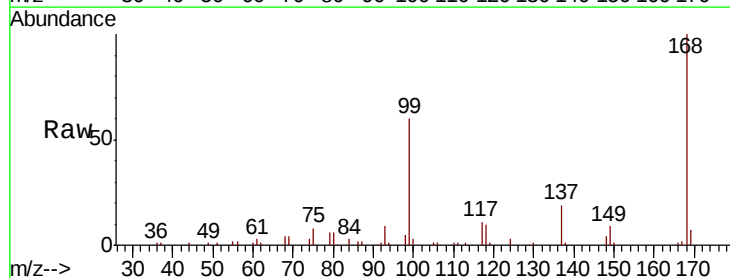
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20200611

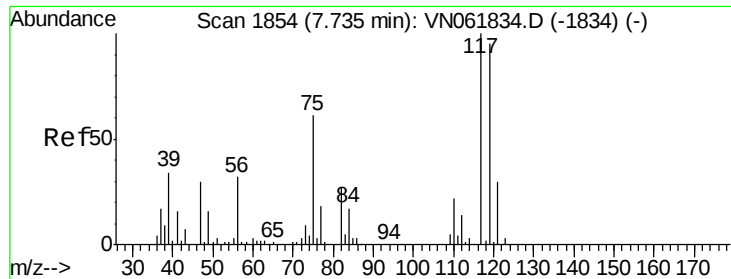
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.7	125.5
192	17.5	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 4.644 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061877.D
 Acq: 18 Jun 2020 3:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.5	18.2	54.6#
77	0.0	24.2	36.4#

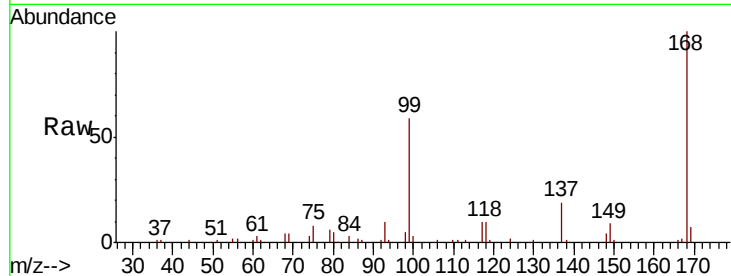




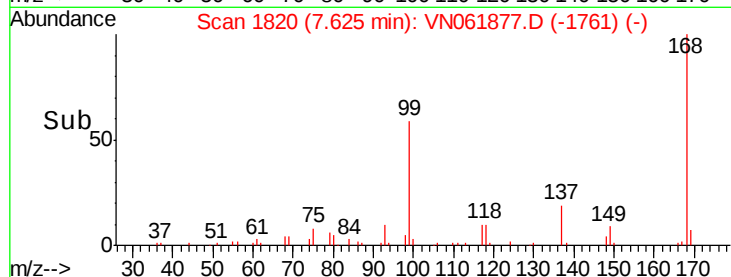
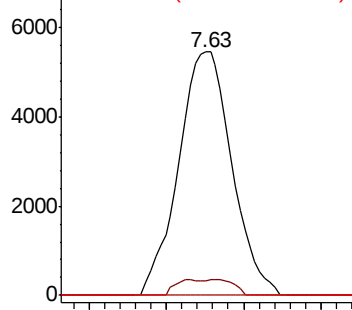
#38
Carbon Tetrachloride
Concen: 6.182 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061877.D
Acq: 18 Jun 2020 3:29

Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20200611

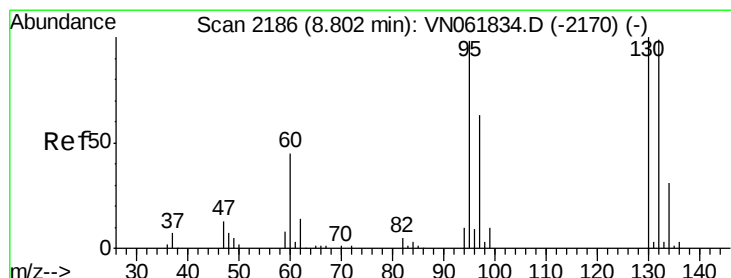
Tot Ion:117 Resp: 13046
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 23.8 35.6#



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

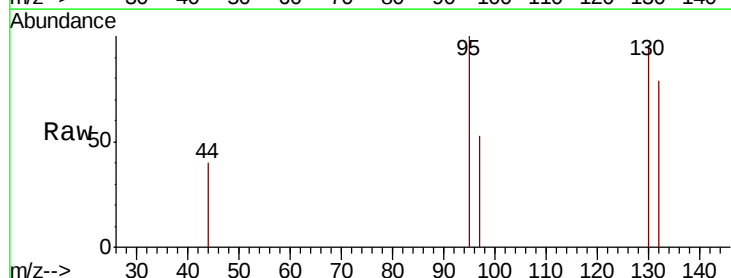


Time-->

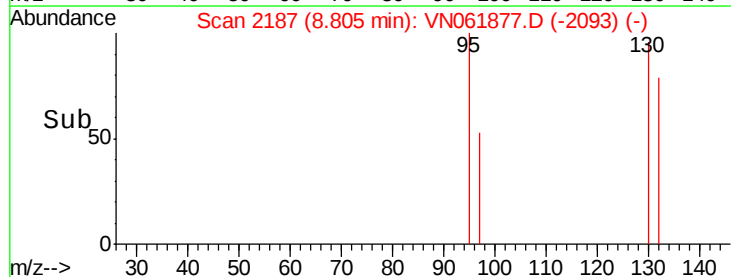
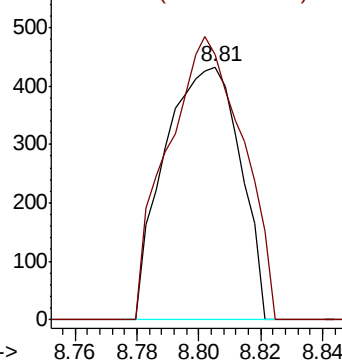


#44
Trichloroethene
Concen: 0.433 ug/l
RT: 8.81 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VN061877.D
Acq: 18 Jun 2020 3:29

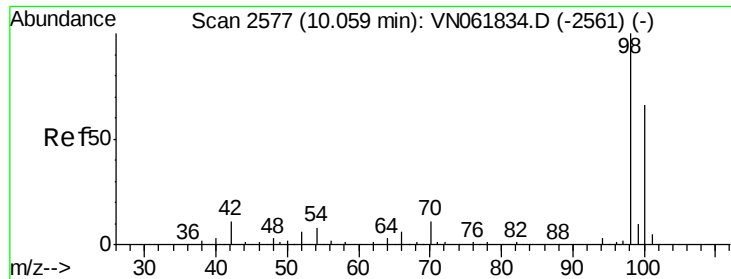
Tgt Ion:130 Resp: 735
Ion Ratio Lower Upper
130 100
95 104.6 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V



Time-->



#50

Toluene-d8

Concen: 48.871 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061877.D

Acq: 18 Jun 2020 3:29

Instrument :

MSVOA_N

ClientSampleId :

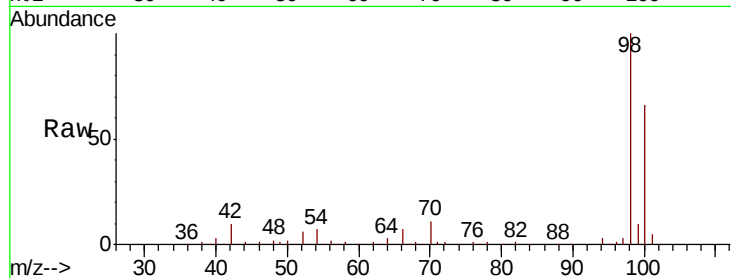
RE117D2-20200611

Tot Ion: 98 Resp: 287165

Ion Ratio Lower Upper

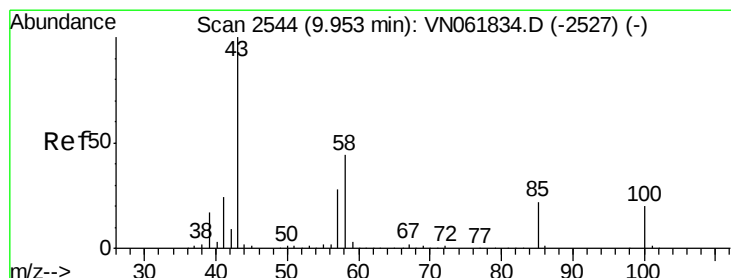
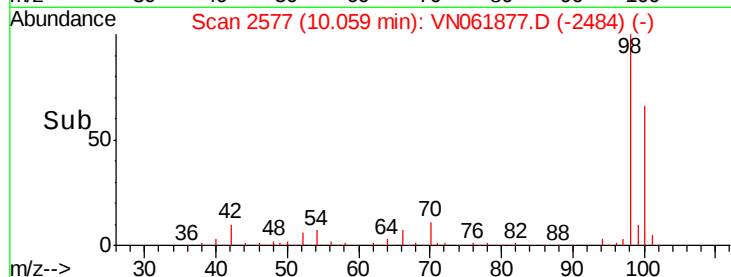
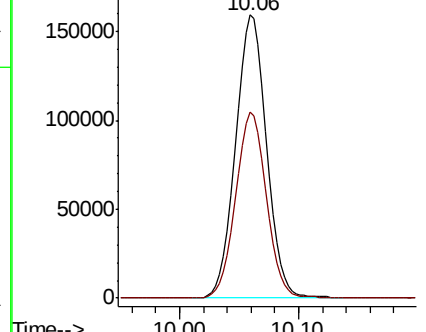
98 100

100 65.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.643 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061877.D

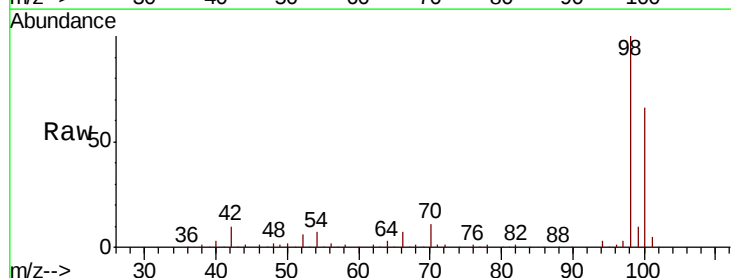
Acq: 18 Jun 2020 3:29

Tgt Ion: 43 Resp: 1065

Ion Ratio Lower Upper

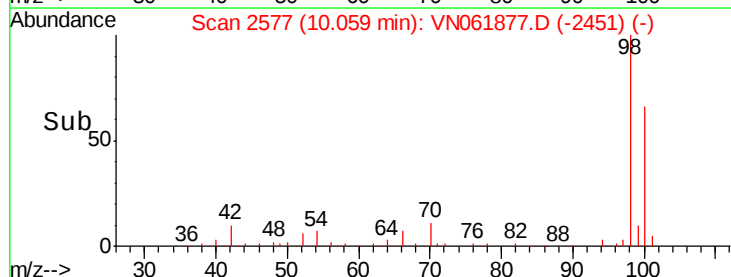
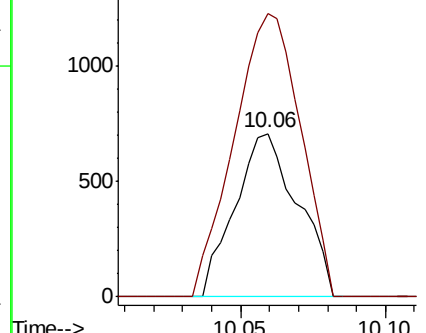
43 100

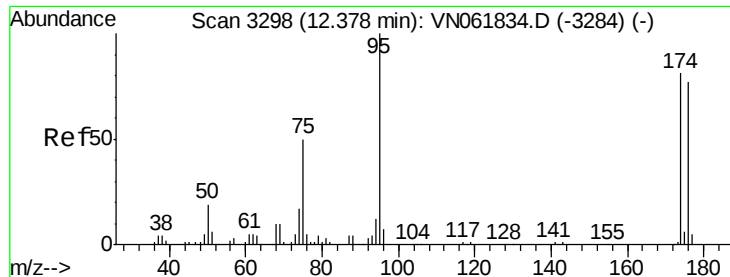
58 183.2 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

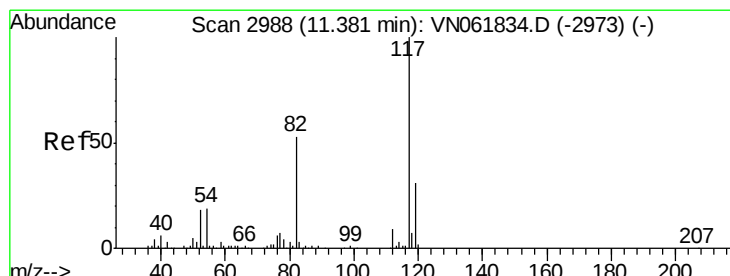
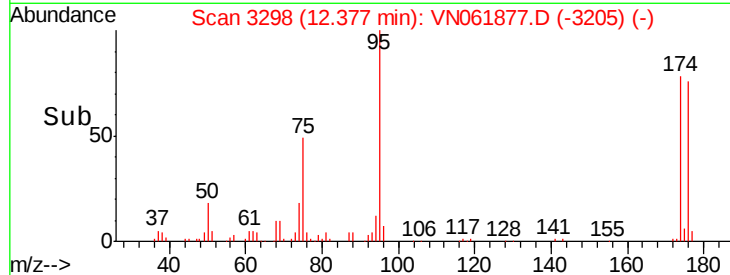
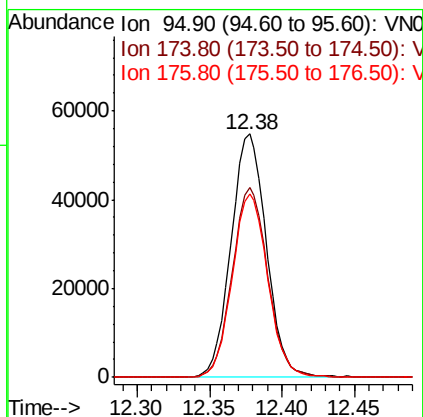
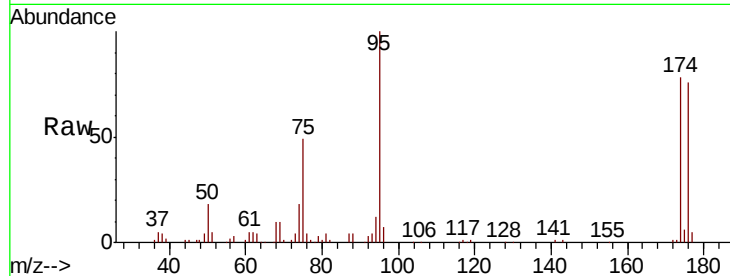




#62
 4-Bromofluorobenzene
 Concen: 46.228 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061877.D
 Acq: 18 Jun 2020 3:29

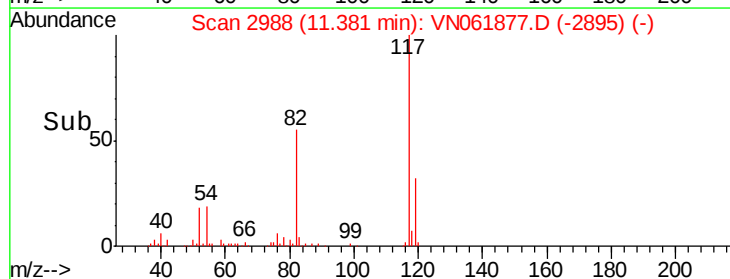
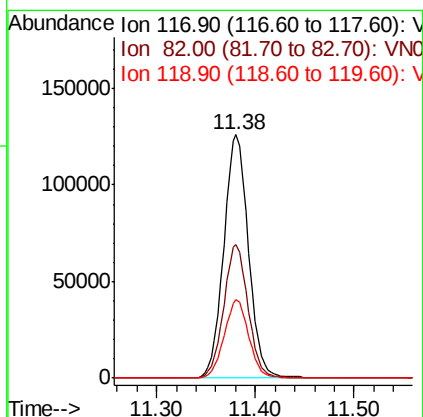
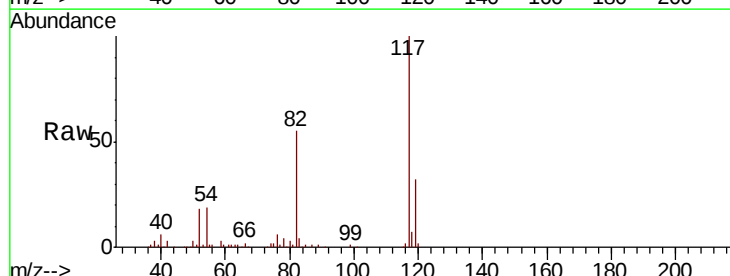
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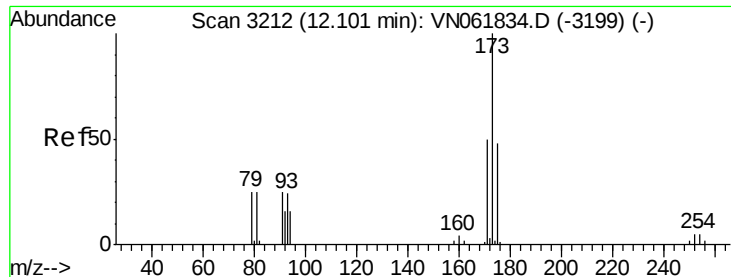
Tot Ion: 95 Resp: 93176
 Ion Ratio Lower Upper
 95 100
 174 78.3 0.0 158.6
 176 75.4 0.0 152.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN061877.D
 Acq: 18 Jun 2020 3:29

Tgt Ion: 117 Resp: 221605
 Ion Ratio Lower Upper
 117 100
 82 54.7 42.6 64.0
 119 32.3 24.7 37.1





#71

Bromoform

Concen: 0.368 ug/l

RT: 12.37 min Scan# 3295

Delta R.T. 0.27 min

Lab File: VN061877.D

Acq: 18 Jun 2020 3:29

Instrument :

MSVOA_N

ClientSampleId :

RE117D2-20200611

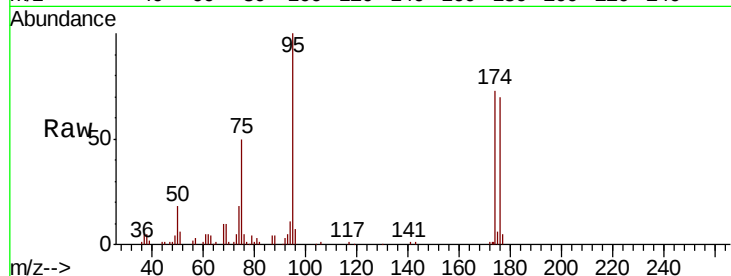
Tot Ion:173 Resp: 438

Ion Ratio Lower Upper

173 100

175 1059.4 23.9 71.7#

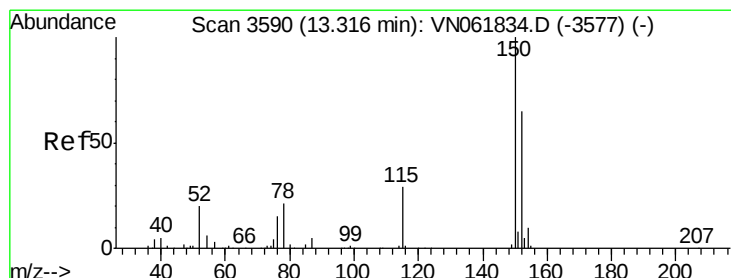
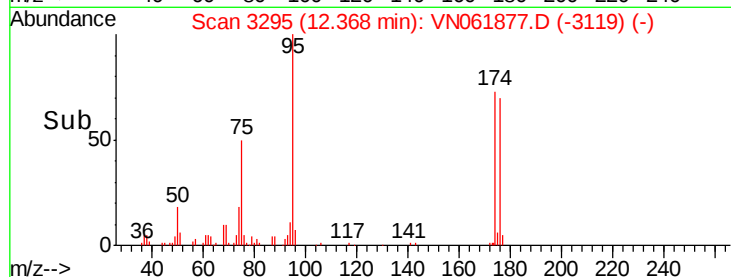
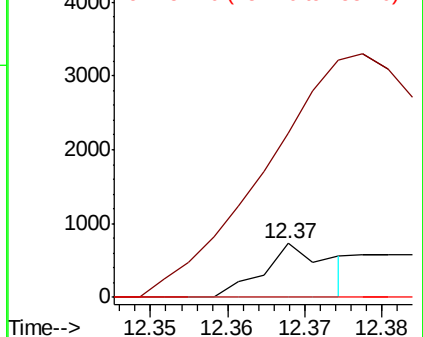
254 0.0 0.0 0.0



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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061877.D

Acq: 18 Jun 2020 3:29

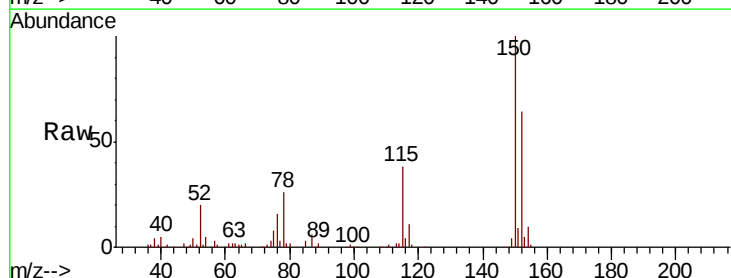
Tgt Ion:152 Resp: 82480

Ion Ratio Lower Upper

152 100

115 58.6 29.1 87.3

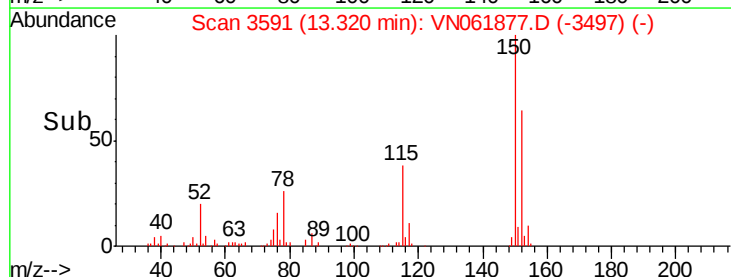
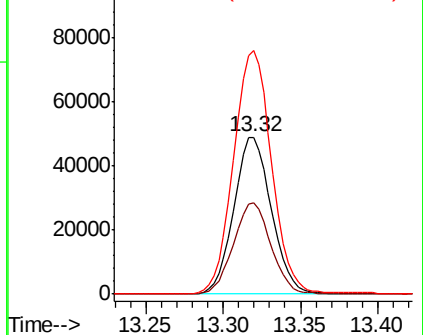
150 157.5 0.0 347.6

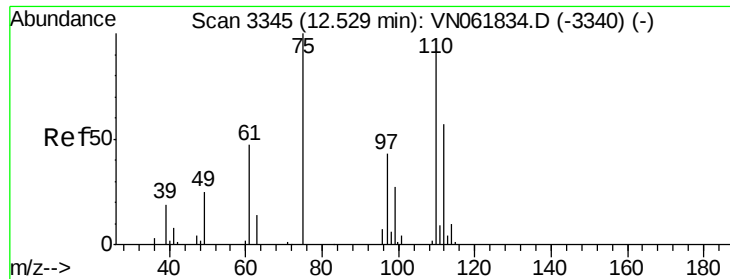


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

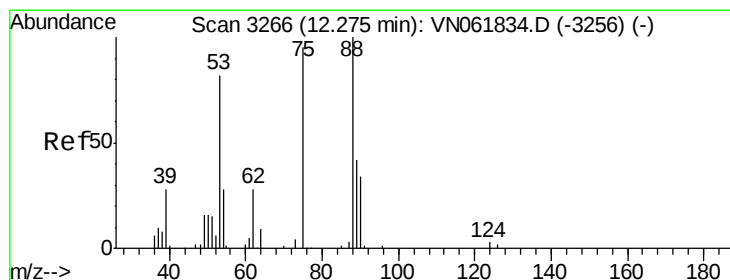
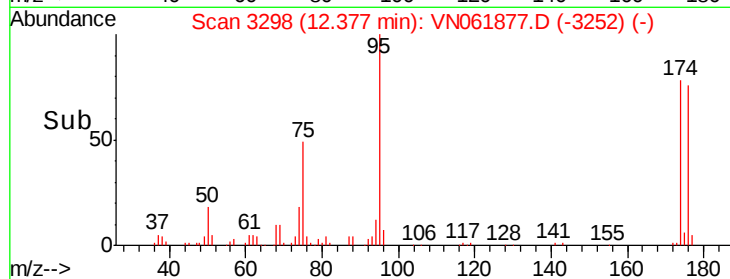
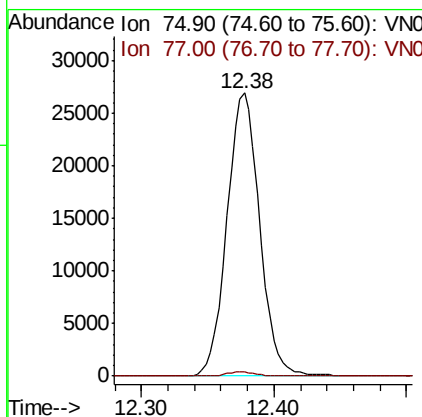
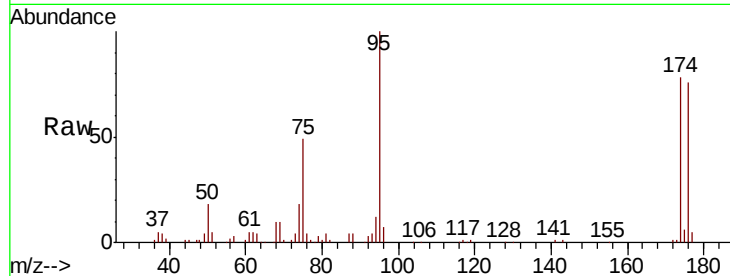




#76
 1,2,3-Trichloropropane
 Concen: 28.400 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN061877.D
 Acq: 18 Jun 2020 3:29

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20200611

Tot Ion: 75 Resp: 45988
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.459 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN061877.D
 Acq: 18 Jun 2020 3:29

Tgt Ion: 75 Resp: 45988
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.4 105.6#
 89 0.0 36.0 54.0#

