

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061120\
 Data File : VN061775.D
 Acq On : 12 Jun 2020 7:37
 Operator : JC/MD
 Sample : L2819-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-061020

Quant Time: Jun 12 08:45:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	284705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	477231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	474354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210889	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	157555	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
35) Dibromofluoromethane	7.55	113	137730	56.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.78%	
50) Toluene-d8	10.06	98	575211	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.38	95	199358	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

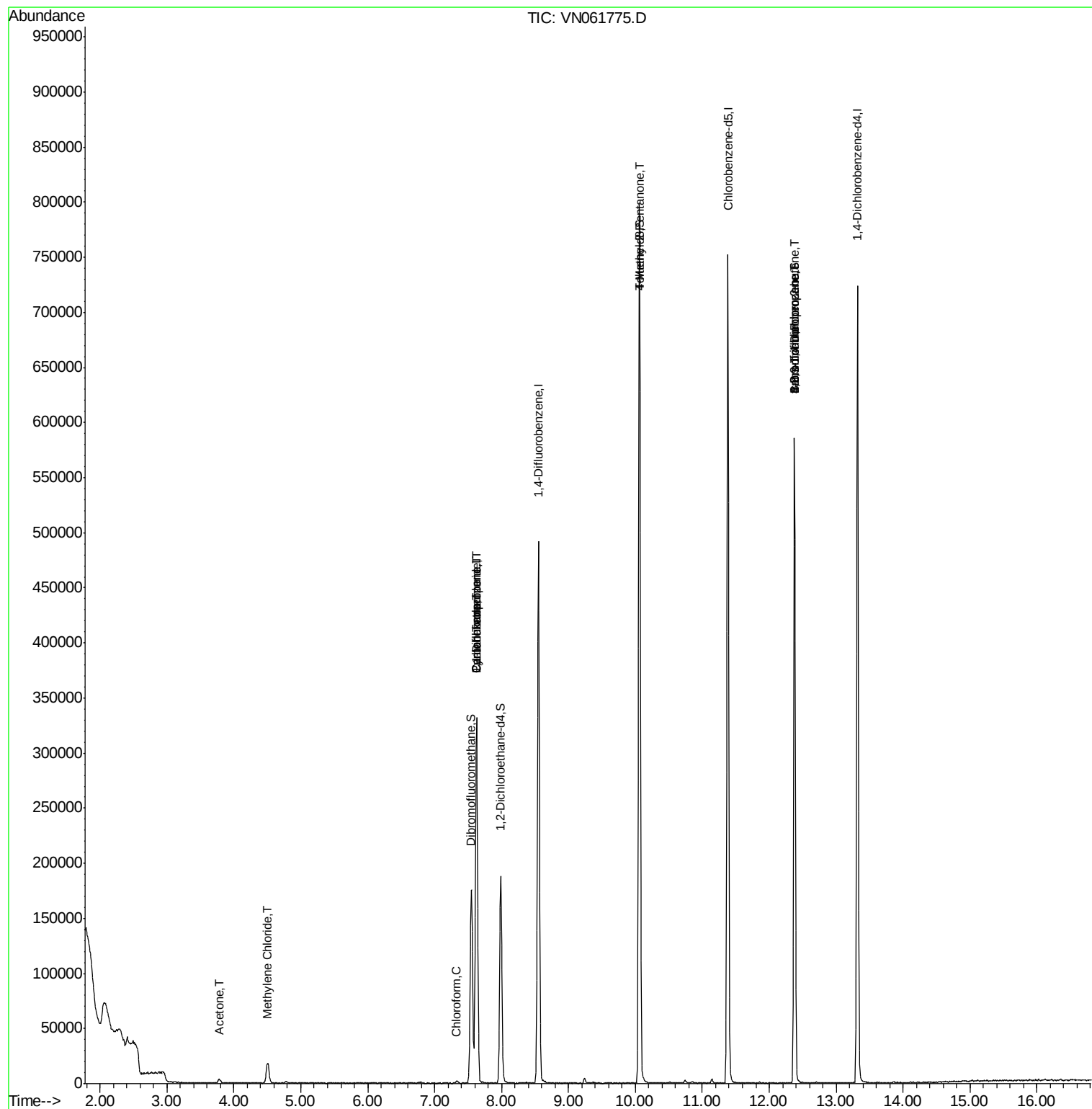
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	6267	0.52	ug/l	89
20) Methylene Chloride	4.50	84	15473	3.40	ug/l	93
28) Bromochloromethane	7.32	49	100	Below Cal	#	3
30) Chloroform	7.34	83	2519	0.43	ug/l	91
31) Cyclohexane	7.62	56	4615	0.97	ug/l	# 3
36) 1,1-Dichloropropene	7.63	75	18862	4.46	ug/l	# 47
38) Carbon Tetrachloride	7.63	117	26444	6.49	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.06	43	2295	0.67	ug/l	# 1
71) Bromoform	12.37	173	1010	0.36	ug/l	# 1
76) 1,2,3-Trichloropropane	12.38	75	96710	25.22	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.38	75	96710	64.49	ug/l	# 15

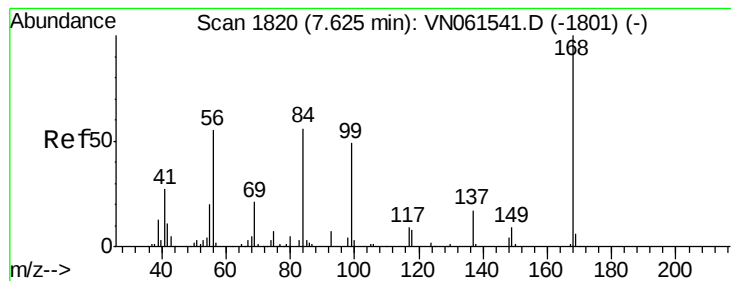
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN061120\
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061775.D

Acq: 12 Jun 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

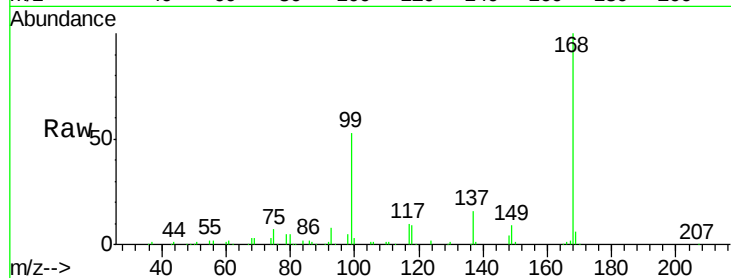
BU-02-061020

Tgt Ion:168 Resp: 284705

Ion Ratio Lower Upper

168 100

99 53.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

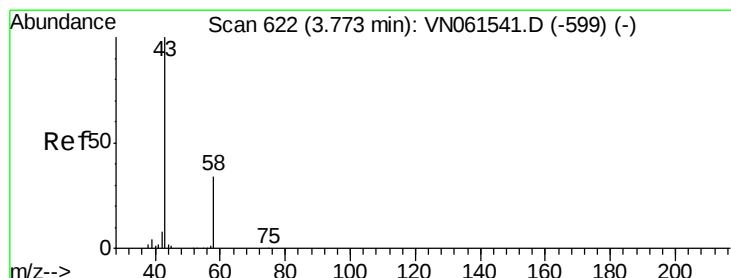
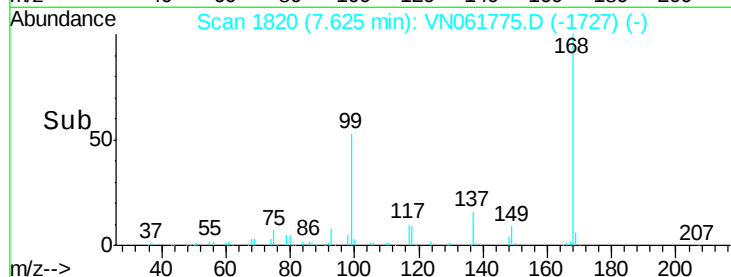
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 0.52 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061775.D

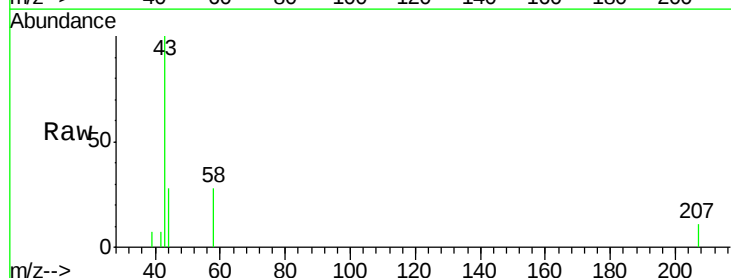
Acq: 12 Jun 2020 7:37

Tgt Ion: 43 Resp: 6267

Ion Ratio Lower Upper

43 100

58 27.6 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

2500

2000

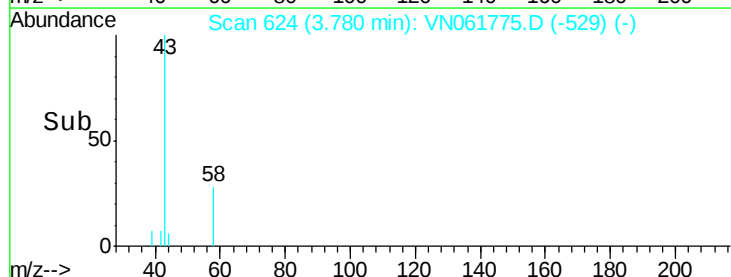
1500

1000

500

0

Time--> 3.70 3.75 3.80 3.85

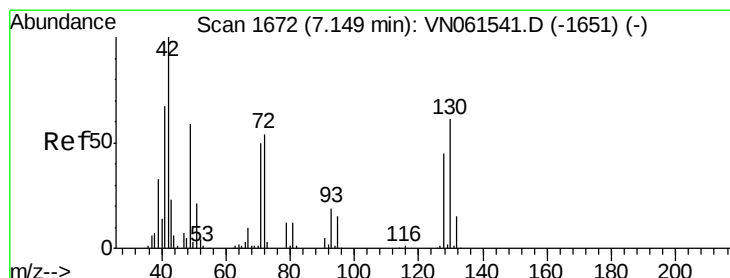
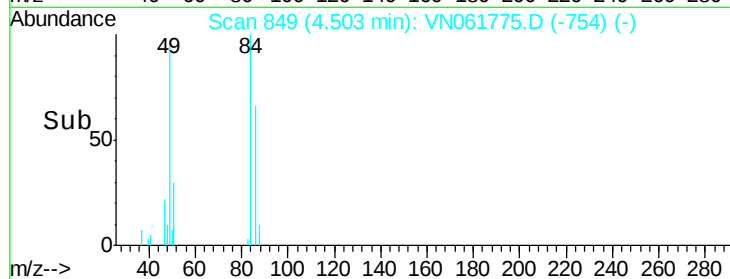
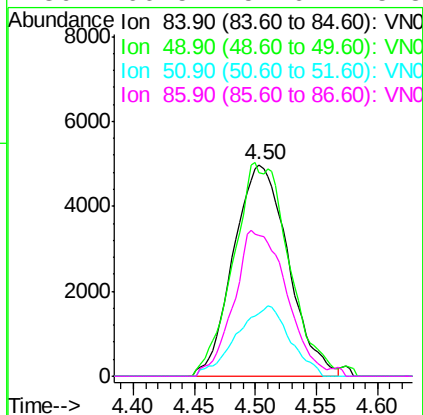
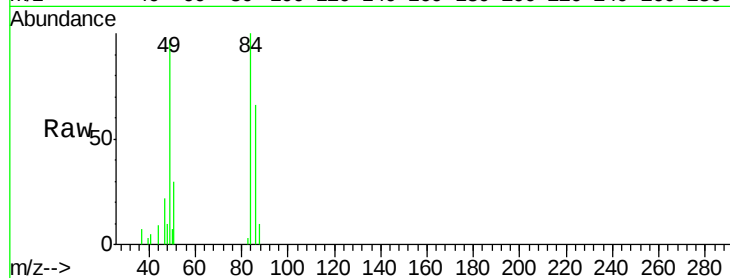




#20
Methylene Chloride
Concen: 3.40 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061775.D
Acq: 12 Jun 2020 7:37

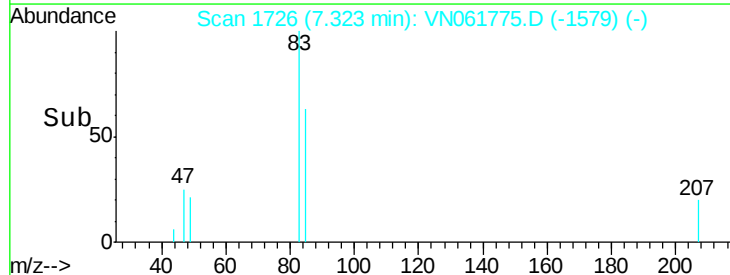
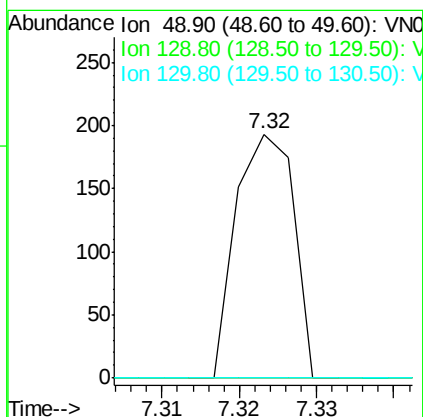
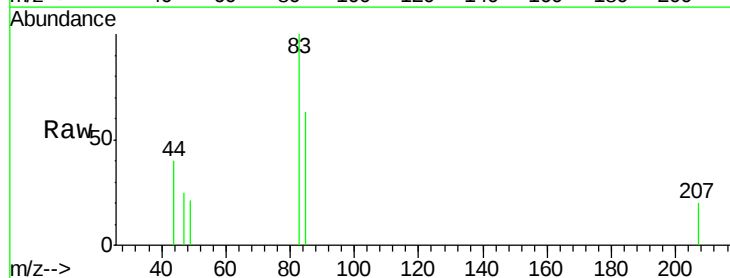
Instrument :
MSVOA_N
ClientSampleId :
BU-02-061020

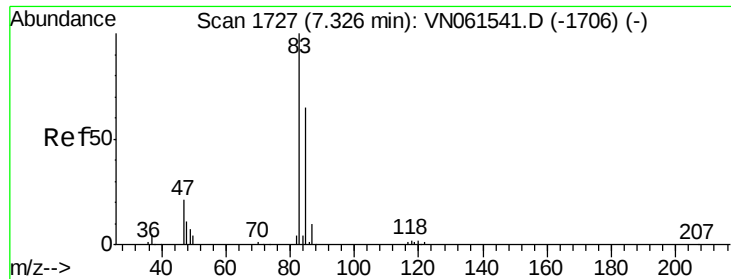
Tgt Ion:	84	Resp:	15473
Ion	Ratio	Lower	Upper
84	100		
49	96.6	85.8	128.8
51	29.5	26.2	39.2
86	66.5	52.6	78.8



#28
Bromochloromethane
Concen: Below Cal
RT: 7.32 min Scan# 1726
Delta R.T. 0.17 min
Lab File: VN061775.D
Acq: 12 Jun 2020 7:37

Tgt Ion:	49	Resp:	100
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	0.0	78.8	118.2#

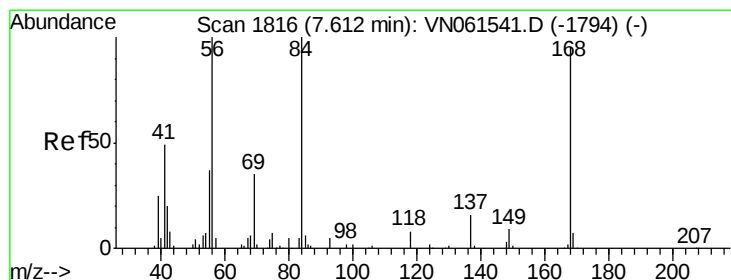
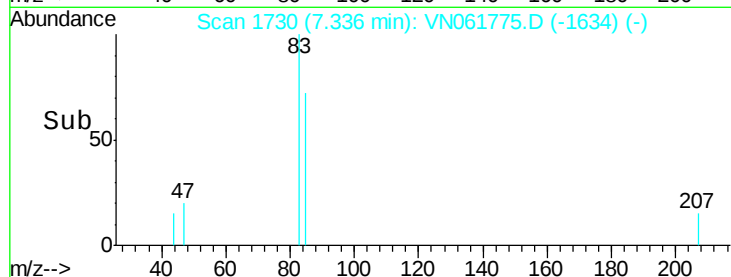
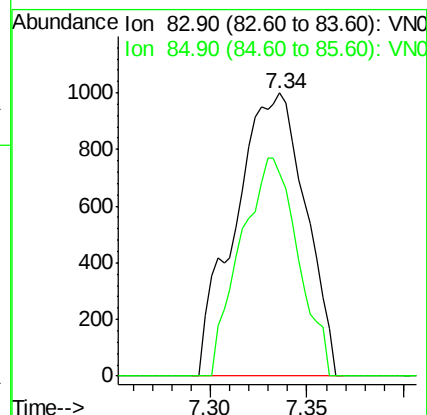
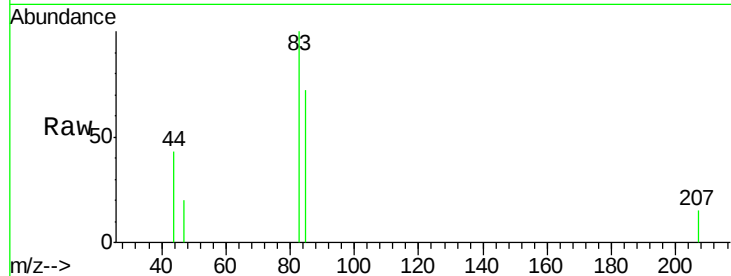




#30
Chloroform
Concen: 0.43 ug/l
RT: 7.34 min Scan# 1730
Delta R.T. 0.01 min
Lab File: VN061775.D
Acq: 12 Jun 2020 7:37

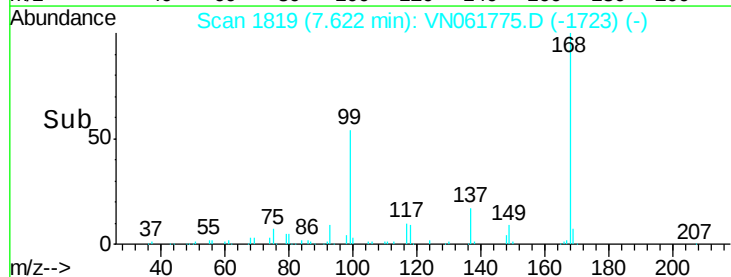
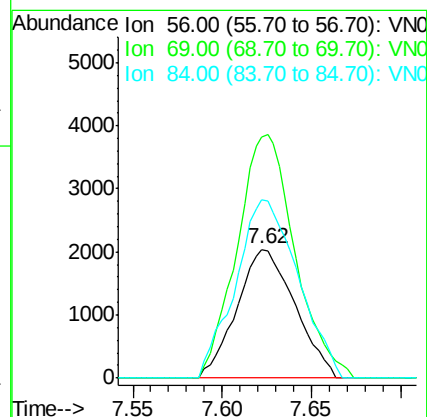
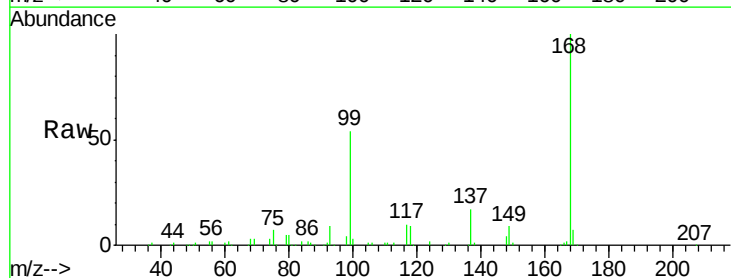
Instrument :
MSVOA_N
ClientSampleId :
BU-02-061020

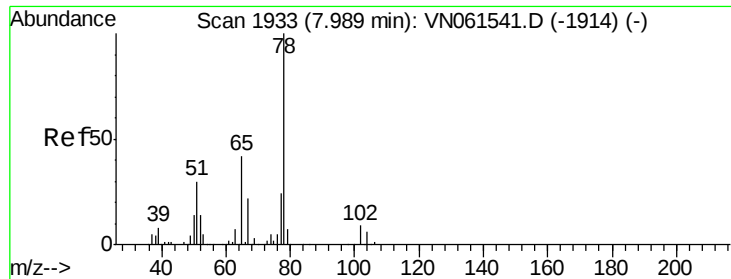
Tgt Ion: 83 Resp: 2519
Ion Ratio Lower Upper
83 100
85 71.6 51.7 77.5



#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061775.D
Acq: 12 Jun 2020 7:37

Tgt Ion: 56 Resp: 4615
Ion Ratio Lower Upper
56 100
69 188.1 27.8 41.8#
84 138.3 79.9 119.9#

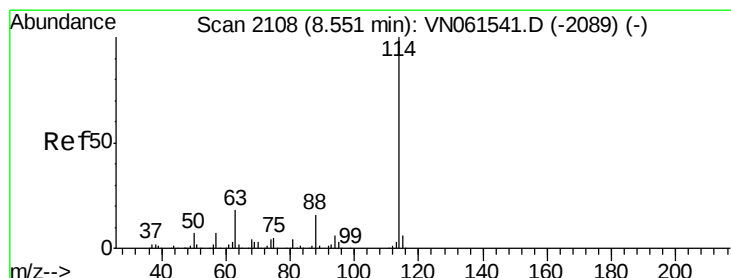
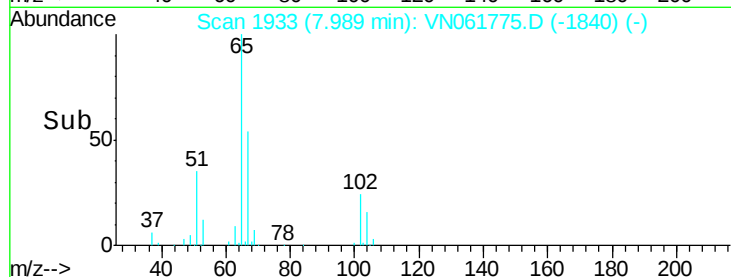
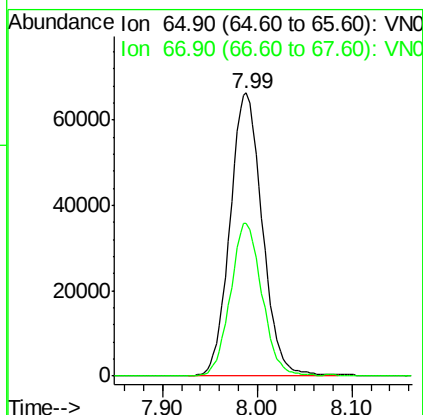
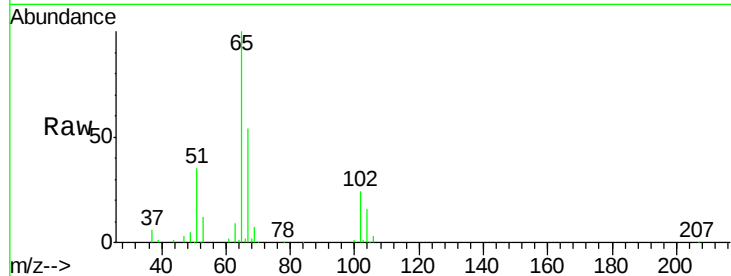




#33
 1,2-Dichloroethane-d4
 Concen: 46.45 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061775.D
 Acq: 12 Jun 2020 7:37

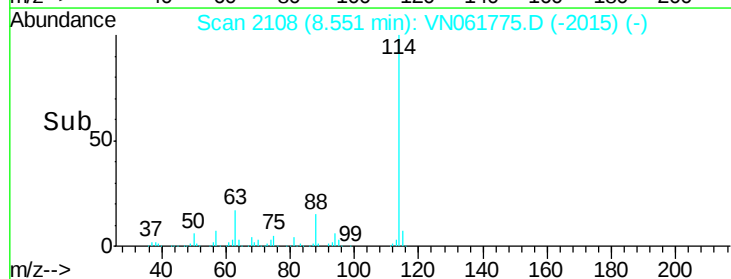
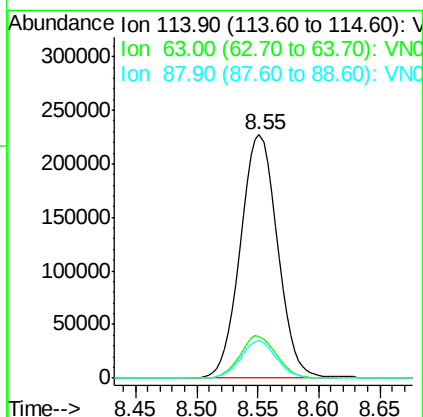
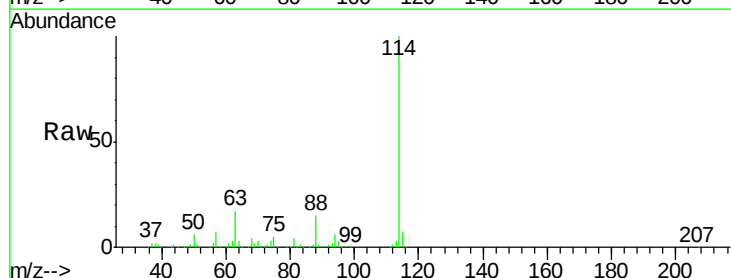
Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-061020

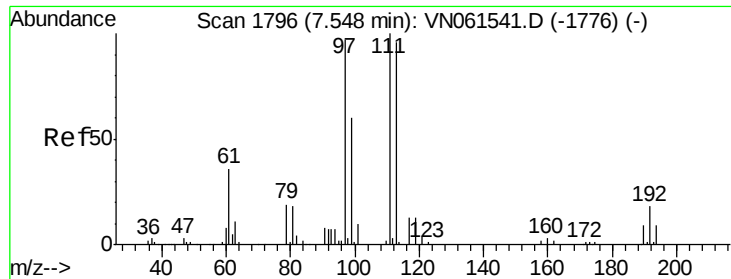
Tgt Ion: 65 Resp: 157555
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061775.D
 Acq: 12 Jun 2020 7:37

Tgt Ion: 114 Resp: 477231
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.8
 88 15.2 0.0 31.0

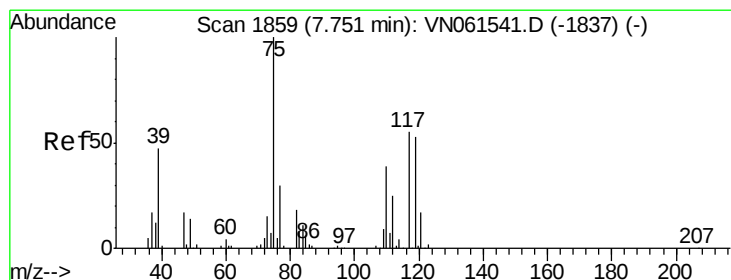
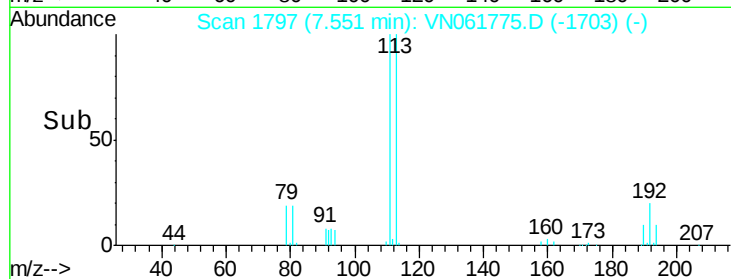
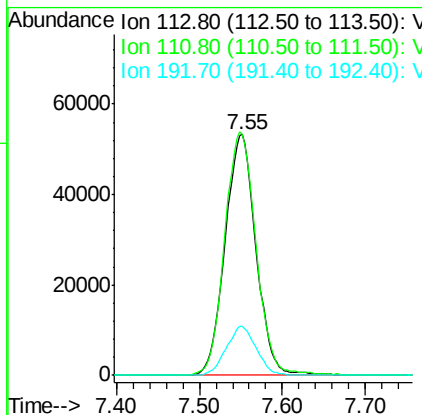
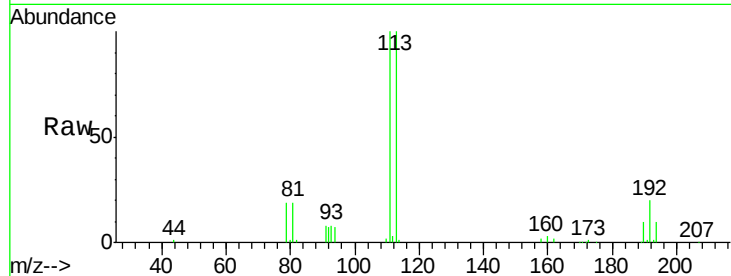




#35
 Dibromofluoromethane
 Concen: 56.89 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061775.D
 Acq: 12 Jun 2020 7:37

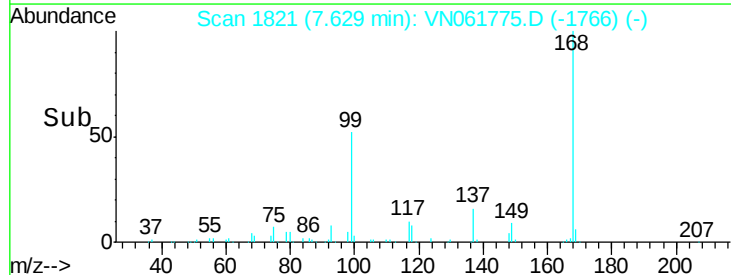
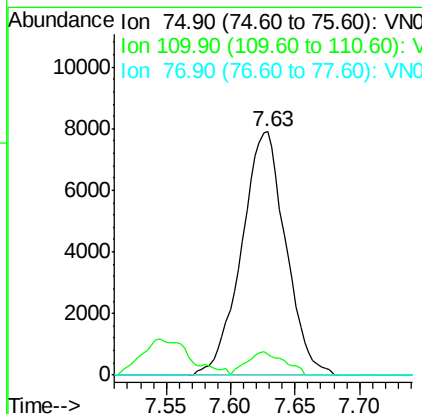
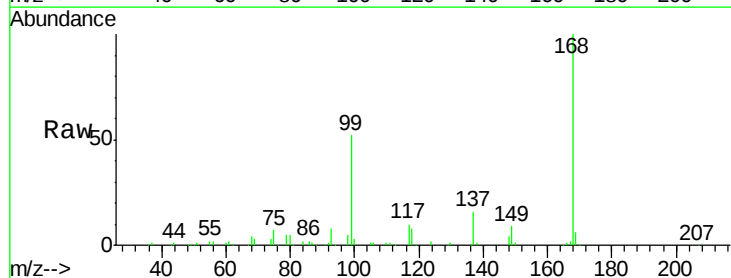
Instrument :
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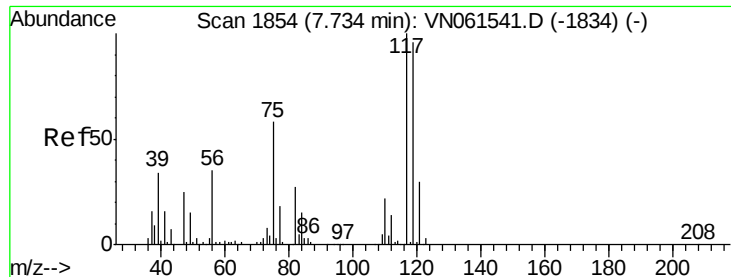
Tgt Ion: 113 Resp: 137730
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.4 125.0
 192 19.8 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.46 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN061775.D
 Acq: 12 Jun 2020 7:37

Tgt Ion: 75 Resp: 18862
 Ion Ratio Lower Upper
 75 100
 110 8.0 19.5 58.5#
 77 0.0 24.7 37.1#

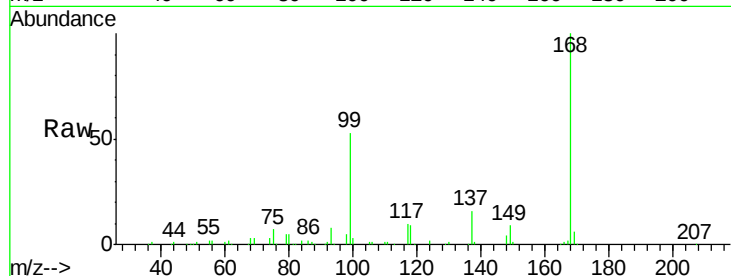




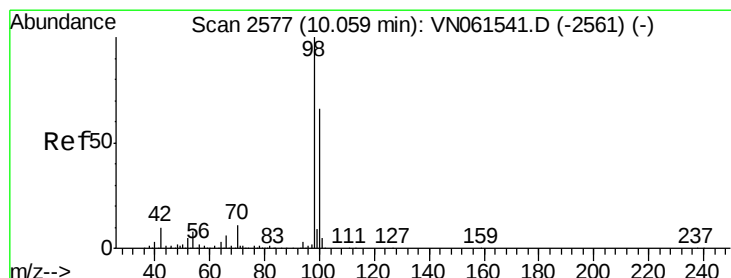
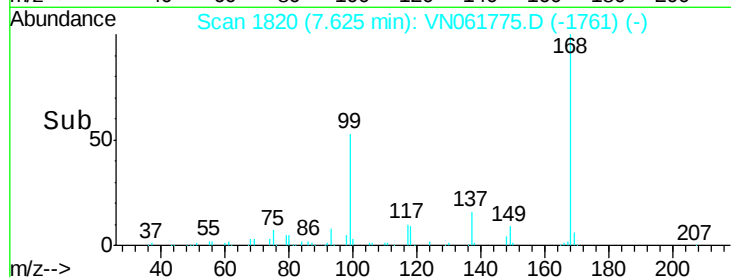
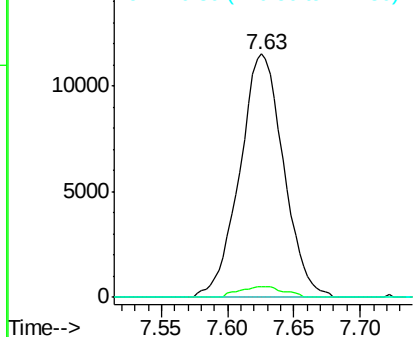
#38
Carbon Tetrachloride
Concen: 6.49 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061775.D
Acq: 12 Jun 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
BU-02-061020

Tgt Ion: 117 Resp: 26444
Ion Ratio Lower Upper
117 100
119 4.3 76.5 114.7#
121 0.0 24.1 36.1#

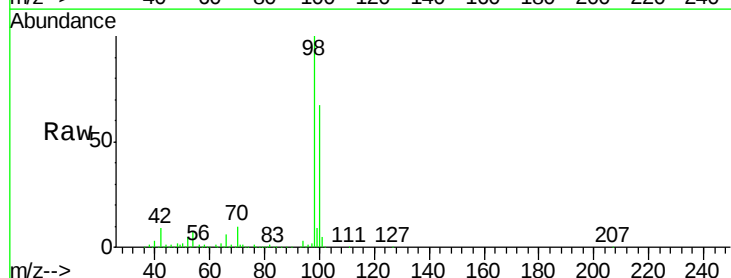


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

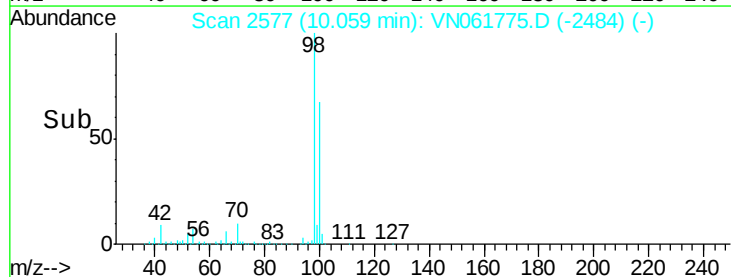
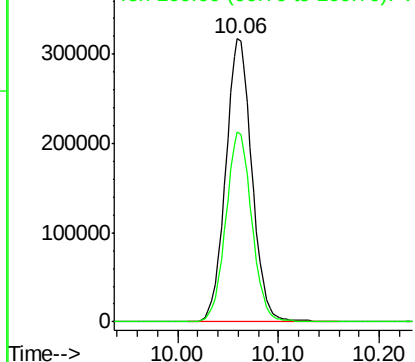


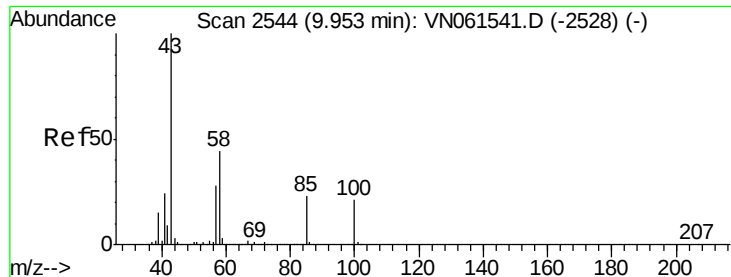
#50
Toluene-d8
Concen: 51.27 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061775.D
Acq: 12 Jun 2020 7:37

Tgt Ion: 98 Resp: 575211
Ion Ratio Lower Upper
98 100
100 66.4 52.8 79.2



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





#51

4-Methyl-2-Pentanone

Concen: 0.67 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061775.D

Acq: 12 Jun 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

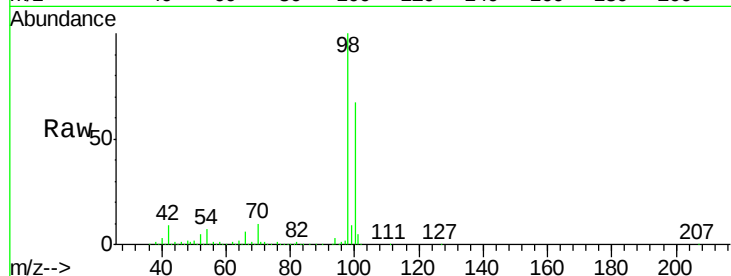
BU-02-061020

Tgt Ion: 43 Resp: 2295

Ion Ratio Lower Upper

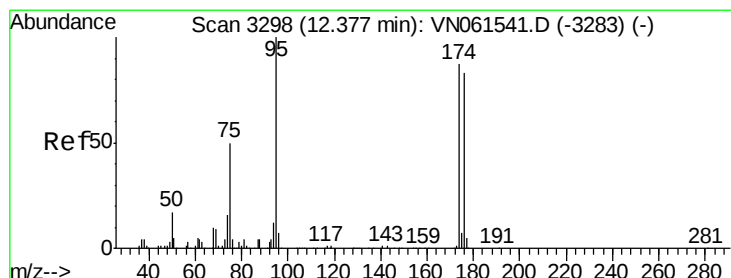
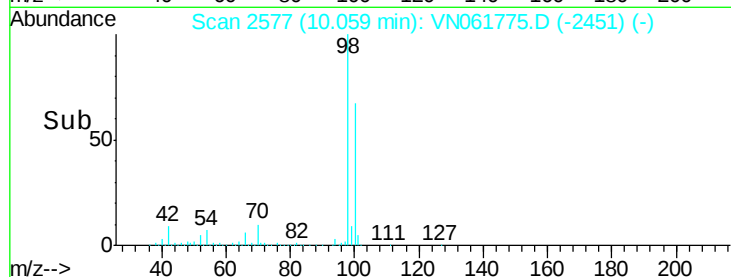
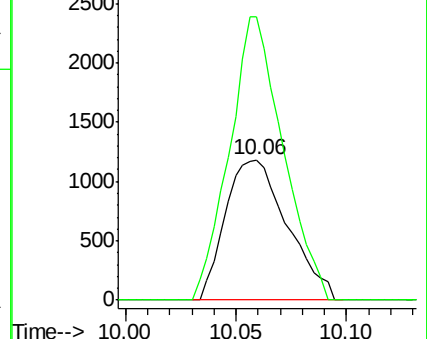
43 100

58 175.3 35.0 52.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 48.71 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061775.D

Acq: 12 Jun 2020 7:37

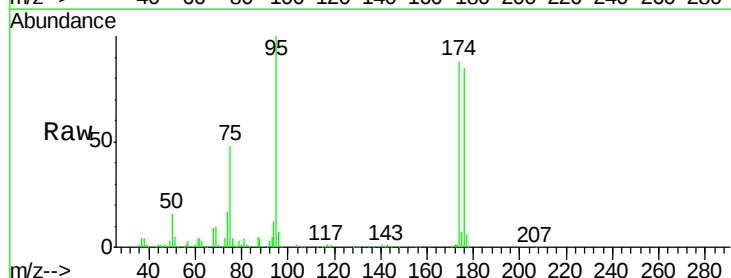
Tgt Ion: 95 Resp: 199358

Ion Ratio Lower Upper

95 100

174 89.3 0.0 172.8

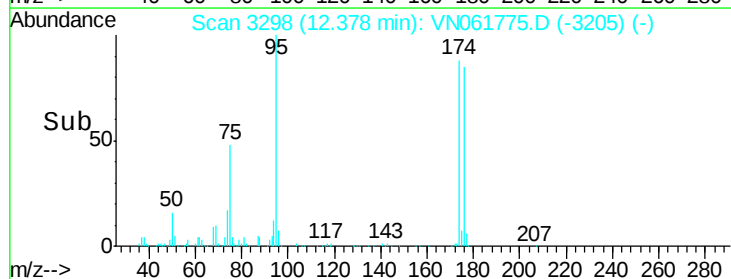
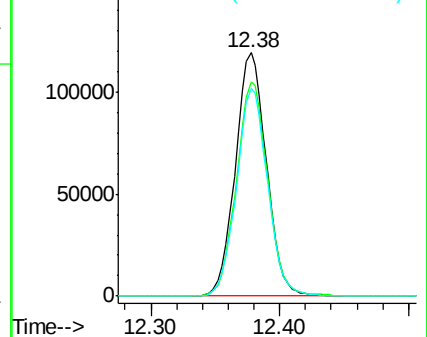
176 85.7 0.0 164.8

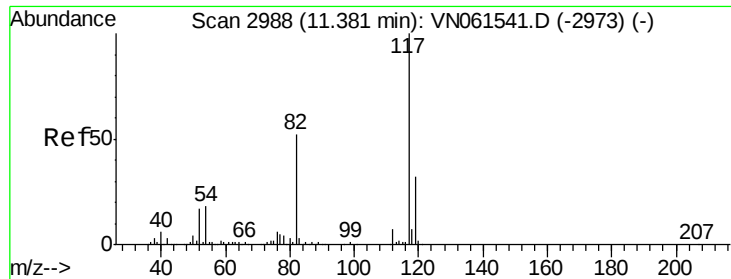


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

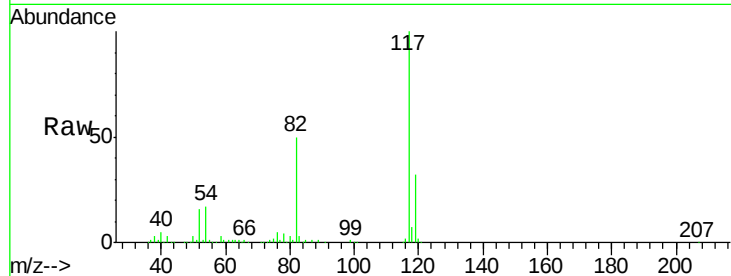




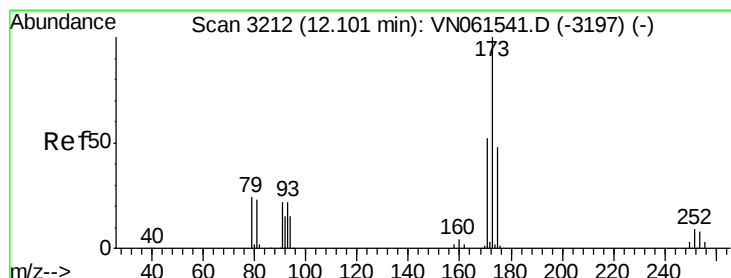
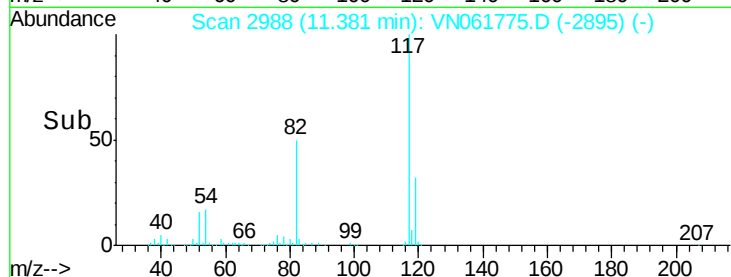
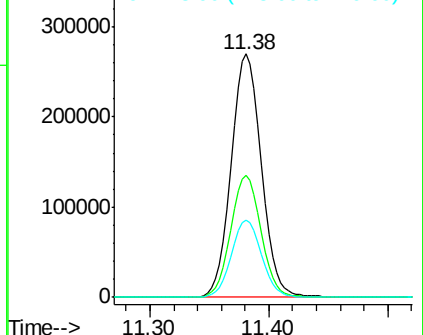
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061775.D
Acq: 12 Jun 2020 7:37

Instrument :
MSVOA_N
ClientSampleId :
BU-02-061020

Tgt Ion:117 Resp: 474354
Ion Ratio Lower Upper
117 100
82 50.4 41.5 62.3
119 31.7 25.6 38.4

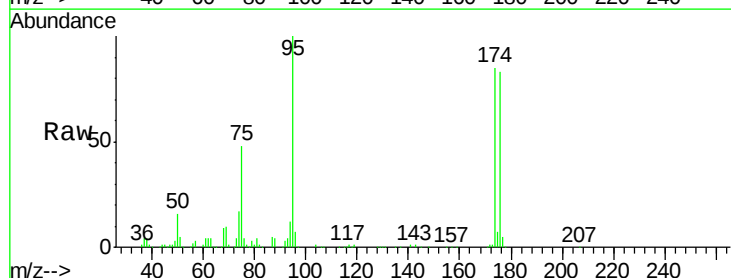


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

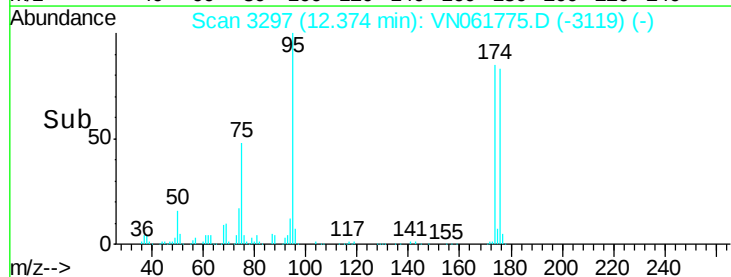
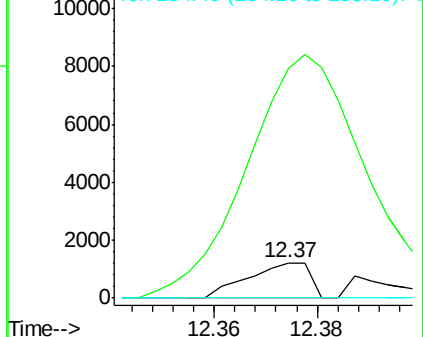


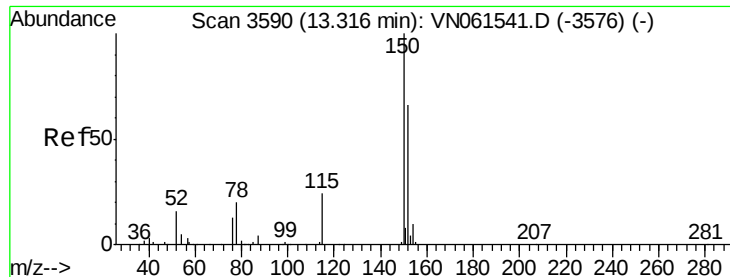
#71
Bromoform
Concen: 0.36 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN061775.D
Acq: 12 Jun 2020 7:37

Tgt Ion:173 Resp: 1010
Ion Ratio Lower Upper
173 100
175 1108.0 24.4 73.2#
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: 50.00 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061775.D

Acq: 12 Jun 2020 7:37

Instrument :

MSVOA_N

ClientSampled :

BU-02-061020

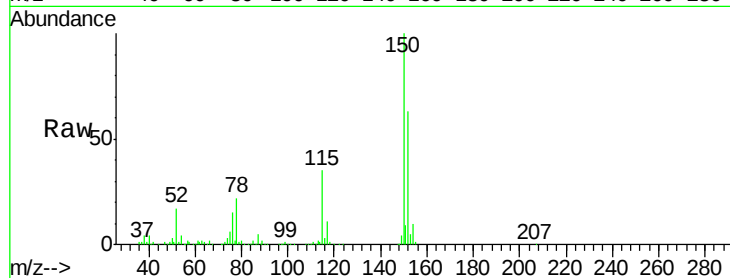
Tgt Ion:152 Resp: 210889

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

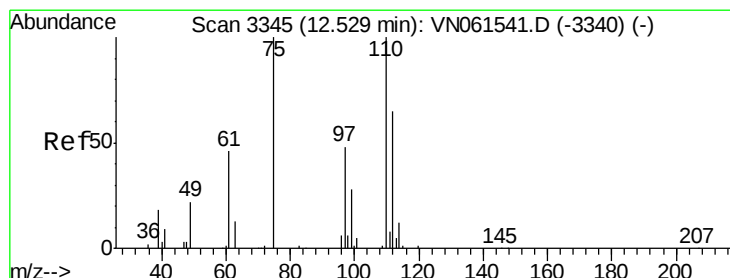
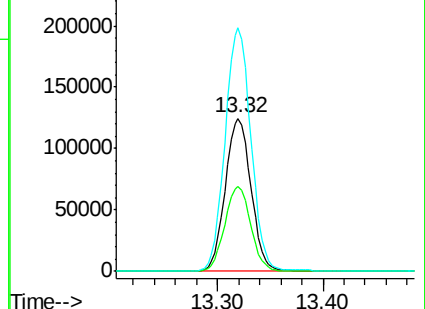
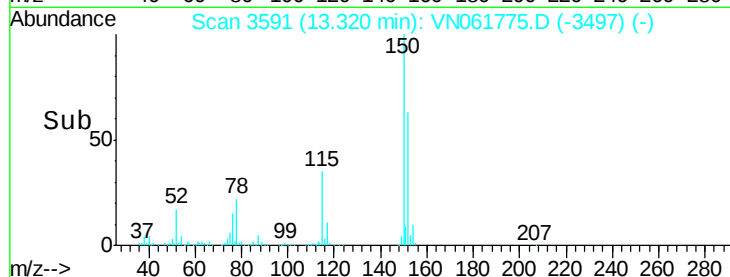
150 158.9 0.0 344.0



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: 25.22 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061775.D

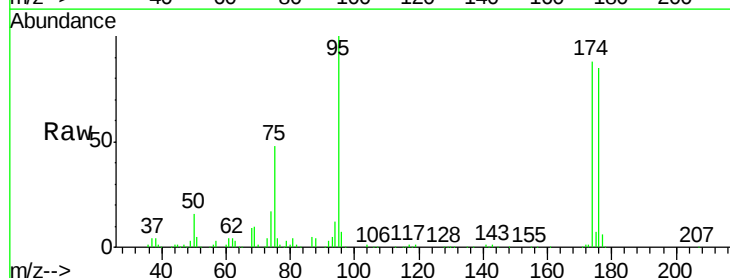
Acq: 12 Jun 2020 7:37

Tgt Ion: 75 Resp: 96710

Ion Ratio Lower Upper

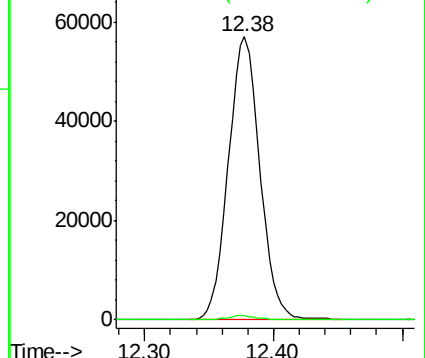
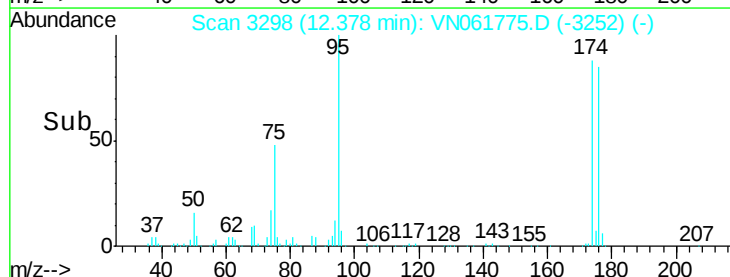
75 100

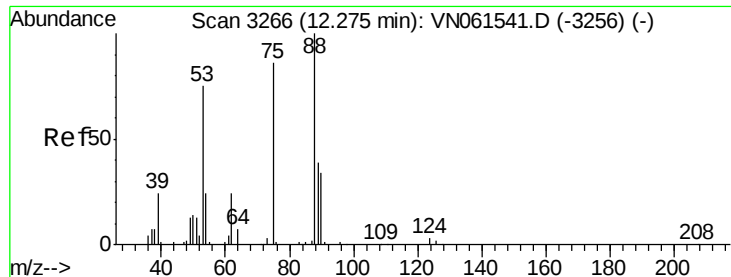
77 1.3 0.0 0.0#



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: 64.49 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061775.D

Acq: 12 Jun 2020 7:37

Instrument :

MSVOA_N

ClientSampleId :

BU-02-061020

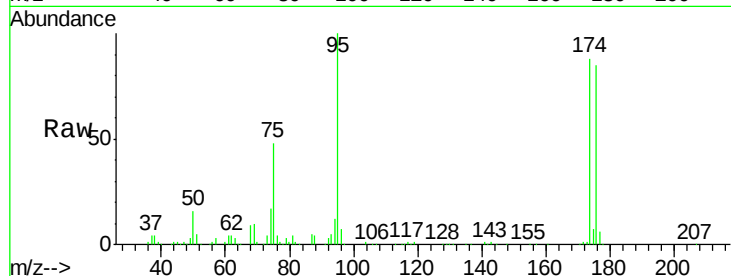
Tgt Ion: 75 Resp: 96710

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

