

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
 Data File : VN061669.D
 Acq On : 5 Jun 2020 15:07
 Operator : JC/MD
 Sample : L2903-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRW-2

Quant Time: Jun 06 03:21:35 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	309523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	540607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	521309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244102	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	177260	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
35) Dibromofluoromethane	7.55	113	153368	55.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.84%	
50) Toluene-d8	10.06	98	639351	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.38	95	238140	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	

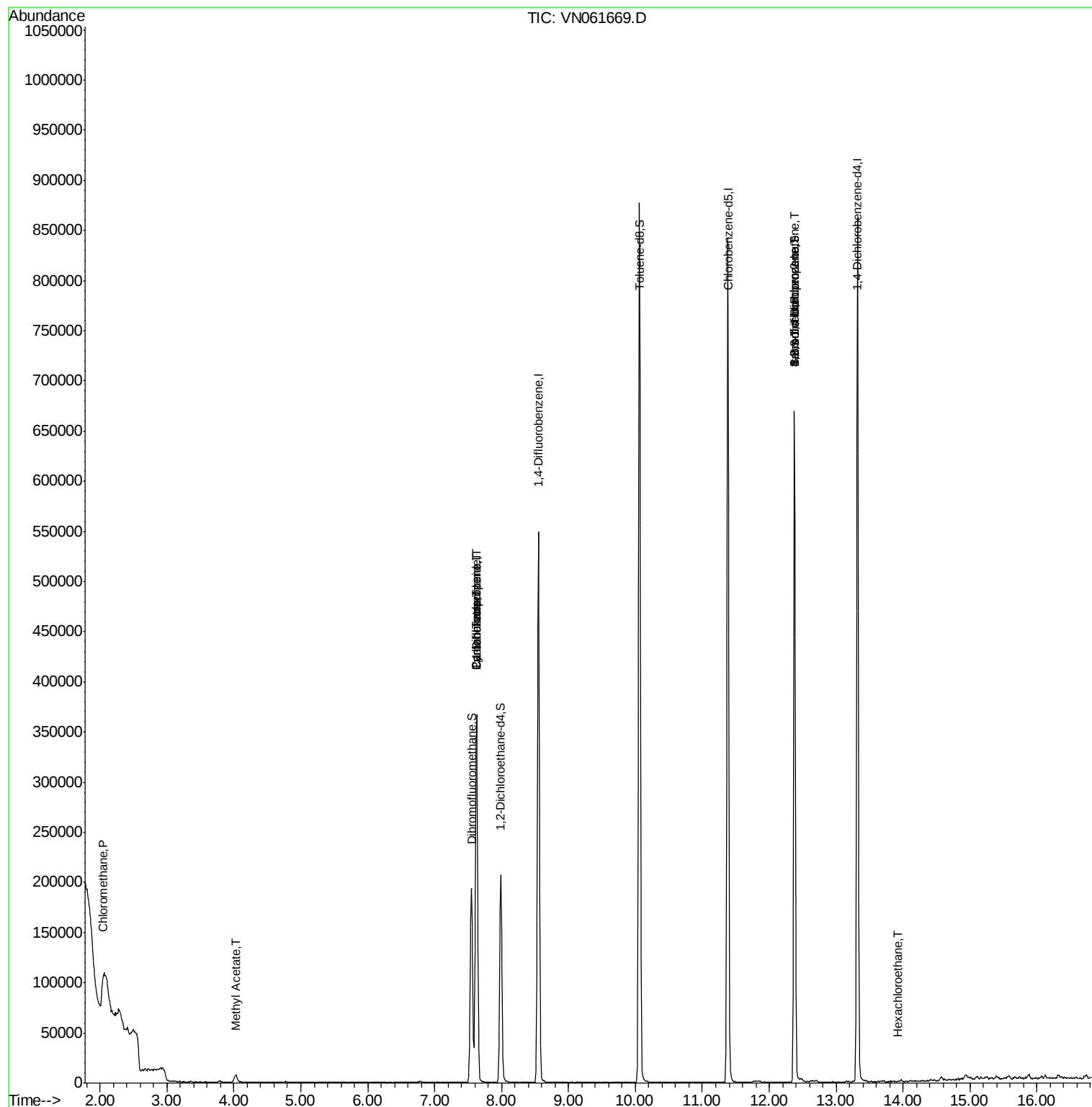
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1131	0.30	ug/l	99
16) Acetone	3.79	43	3107	Below Cal	#	87
18) Methyl Acetate	4.03	43	3267	0.98	ug/l #	46
31) Cyclohexane	7.62	56	5743	1.10	ug/l #	26
36) 1,1-Dichloropropene	7.63	75	21928	4.58	ug/l #	49
38) Carbon Tetrachloride	7.63	117	31125	6.74	ug/l #	15
71) Bromoform	12.38	173	2037	0.66	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	118217	26.63	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118217	68.11	ug/l #	15
90) Hexachloroethane	13.92	117	389	0.23	ug/l #	13

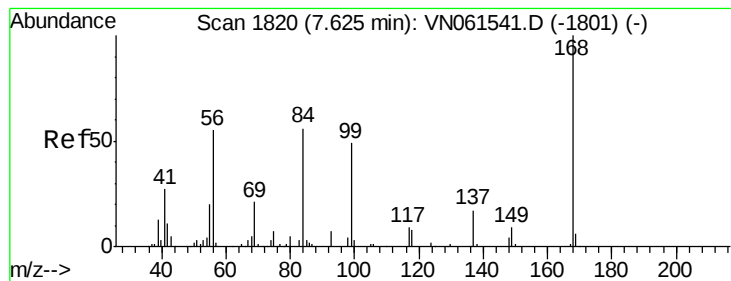
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061669.D
Acq On : 5 Jun 2020 15:07
Operator : JC/MD
Sample : L2903-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleID :
DRW-2

Quant Time: Jun 06 03:21:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
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# 1821

Delta R.T. 0.00 min

Lab File: VN061669.D

Acq: 5 Jun 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

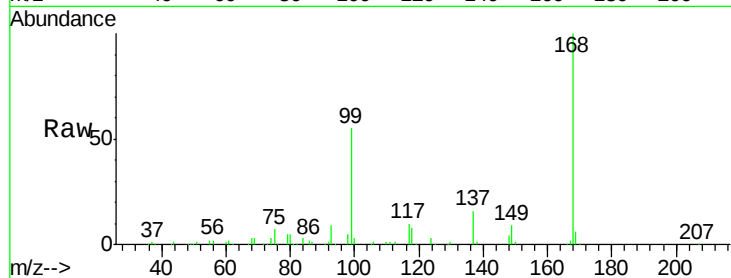
DRW-2

Tgt Ion: 168 Resp: 309523

Ion Ratio Lower Upper

168 100

99 54.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061541.D (-1801) (-)

Ion 98.90 (98.60 to 99.60): VN061541.D (-1801) (-)

7.63

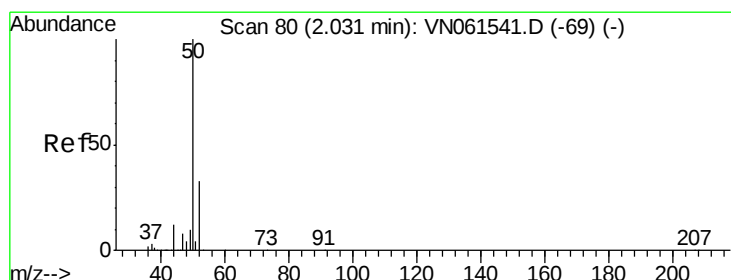
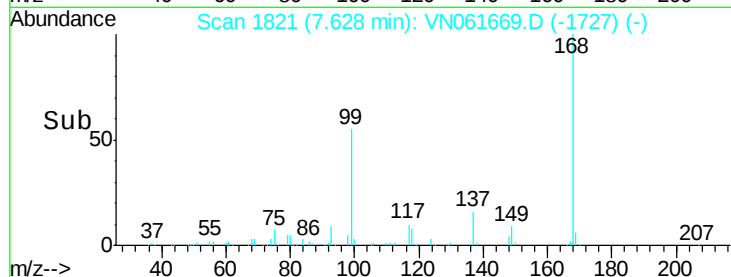
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: 0.30 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061669.D

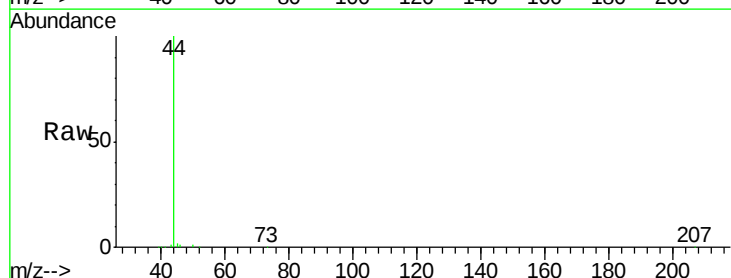
Acq: 5 Jun 2020 15:07

Tgt Ion: 50 Resp: 1131

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN061541.D (-69) (-)

Ion 51.90 (51.60 to 52.60): VN061541.D (-69) (-)

2.04

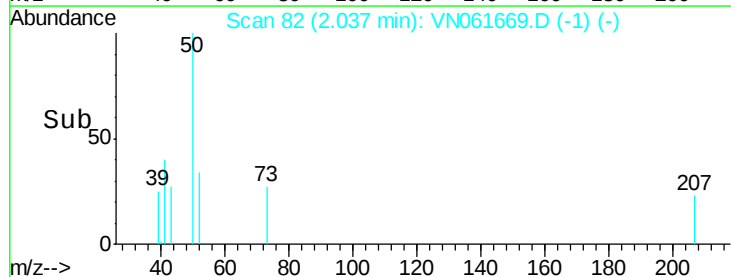
600

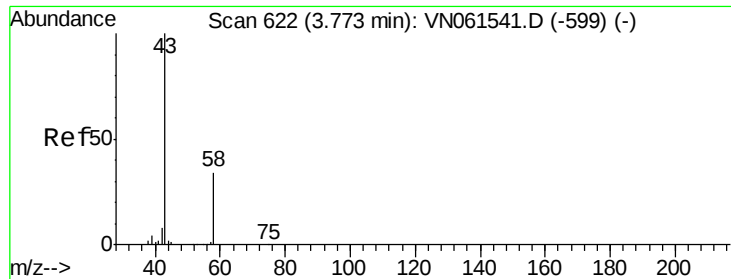
400

200

0

Time--> 2.00 2.05 2.10

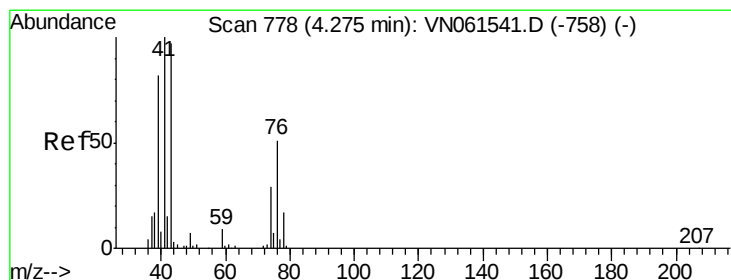
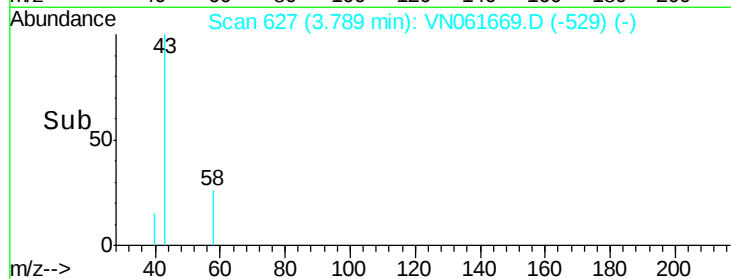
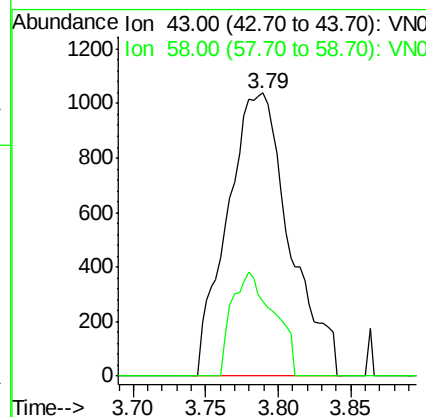
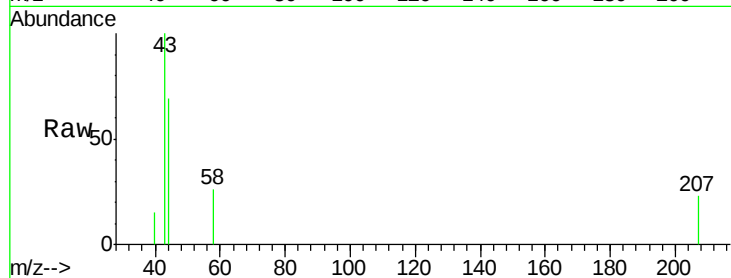




#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 627
Delta R.T. 0.02 min
Lab File: VN061669.D
Acq: 5 Jun 2020 15:07

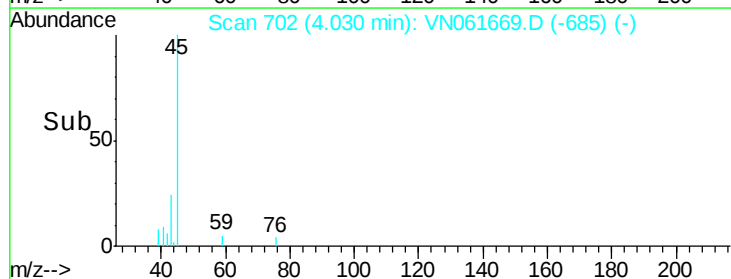
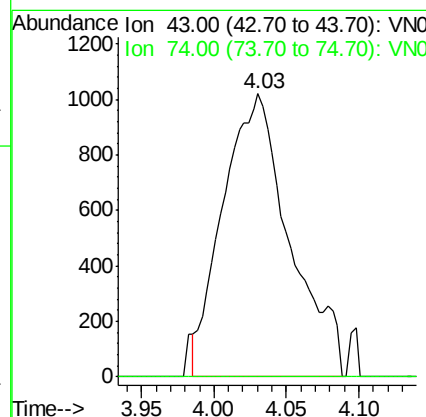
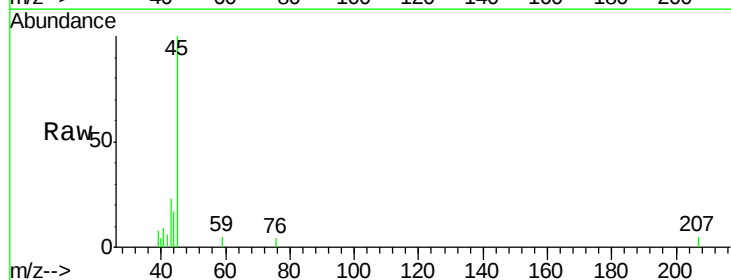
Instrument :
MSVOA_N
ClientSampleId :
DRW-2

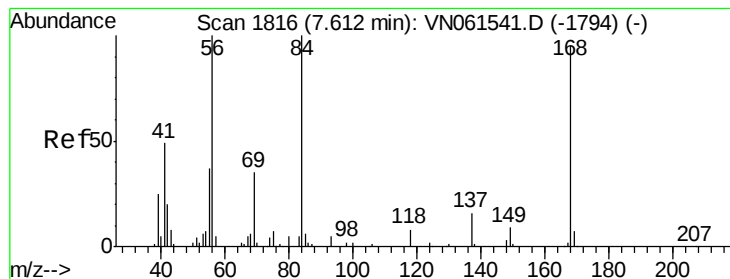
Tgt Ion: 43 Resp: 3107
Ion Ratio Lower Upper
43 100
58 26.4 27.2 40.8#



#18
Methyl Acetate
Concen: 0.98 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.24 min
Lab File: VN061669.D
Acq: 5 Jun 2020 15:07

Tgt Ion: 43 Resp: 3267
Ion Ratio Lower Upper
43 100
74 0.0 23.2 34.8#





#31

Cyclohexane

Concen: 1.10 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN061669.D

Acq: 5 Jun 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

DRW-2

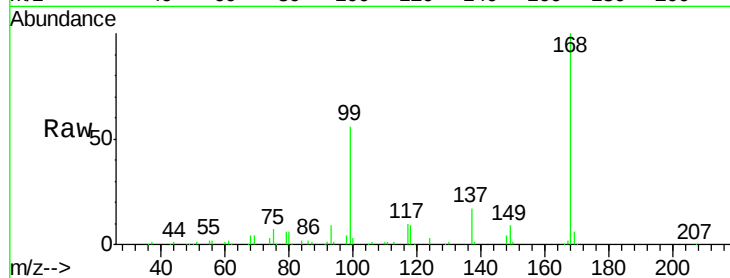
Tgt Ion: 56 Resp: 5743

Ion Ratio Lower Upper

56 100

69 169.3 27.8 41.8#

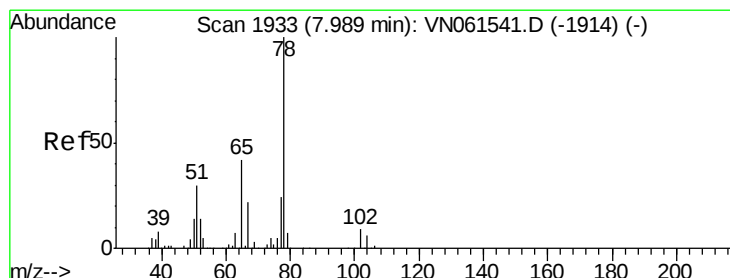
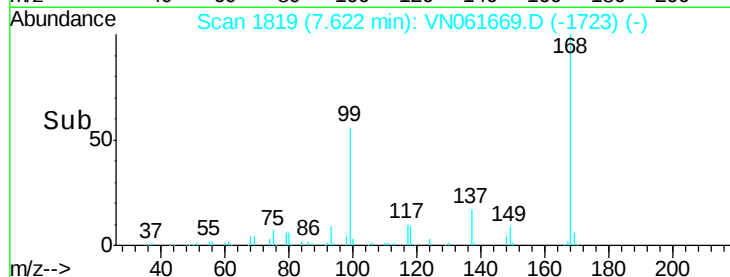
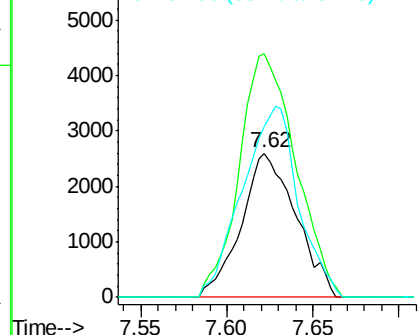
84 118.8 79.9 119.9



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: 48.07 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061669.D

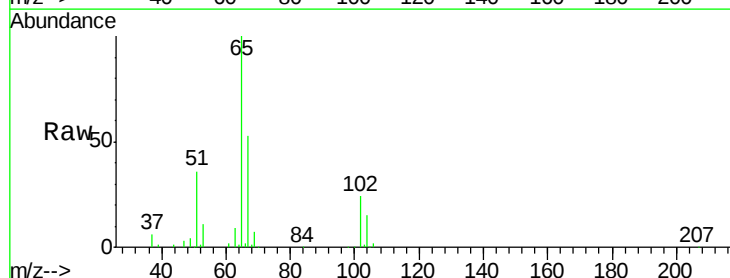
Acq: 5 Jun 2020 15:07

Tgt Ion: 65 Resp: 177260

Ion Ratio Lower Upper

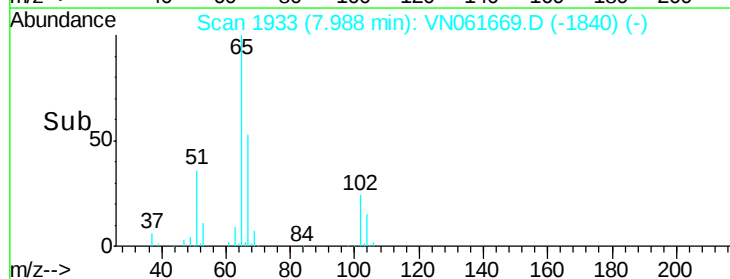
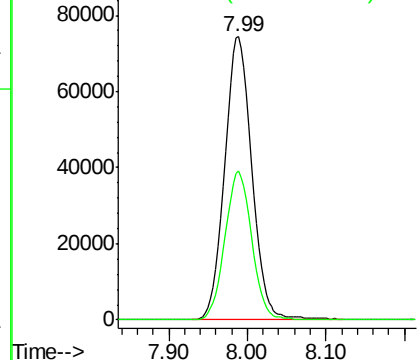
65 100

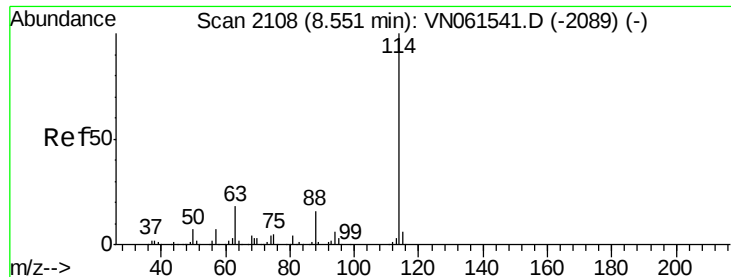
67 51.7 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

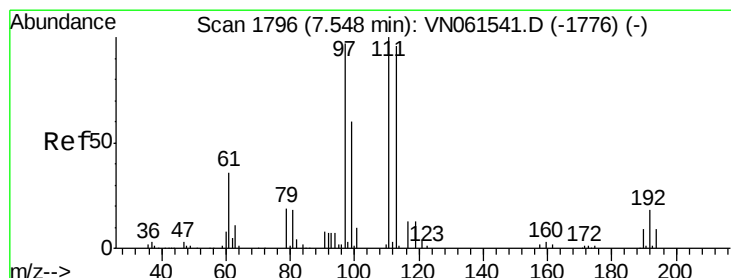
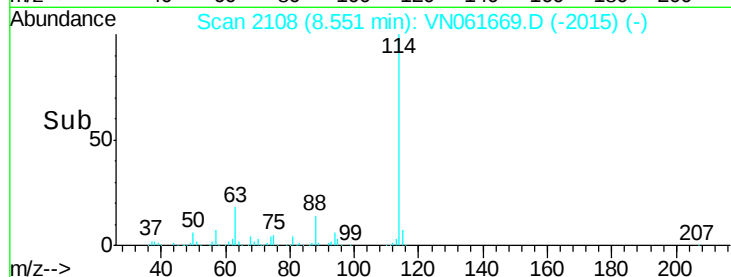
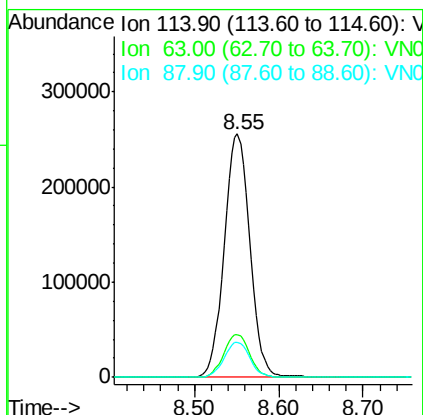
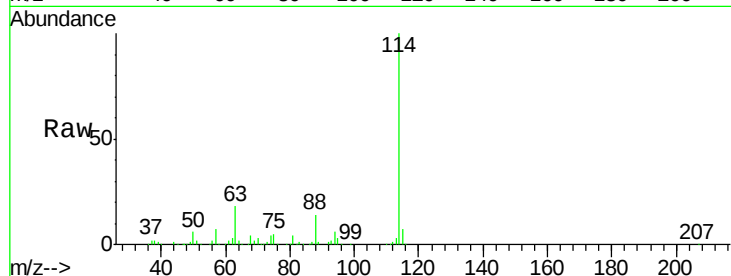




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061669.D
 Acq: 5 Jun 2020 15:07

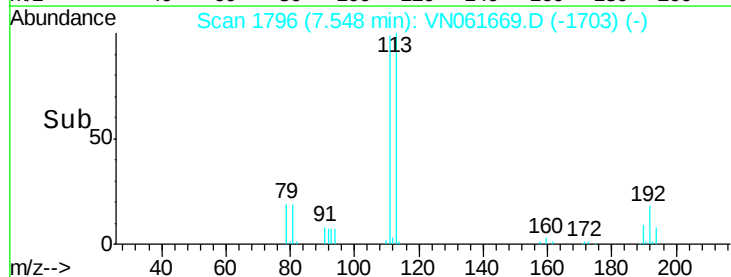
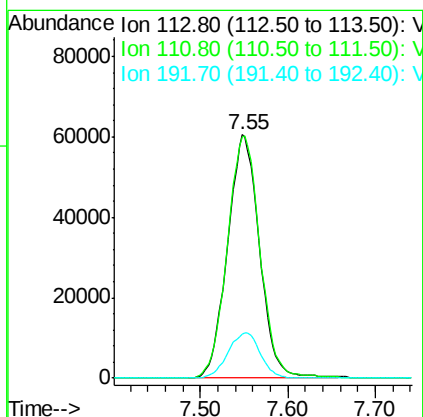
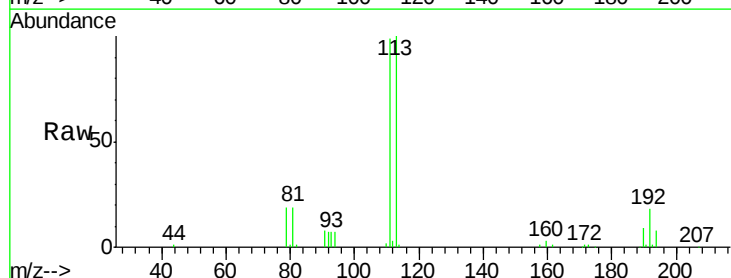
Instrument :
 MSVOA_N
 ClientSampleId :
 DRW-2

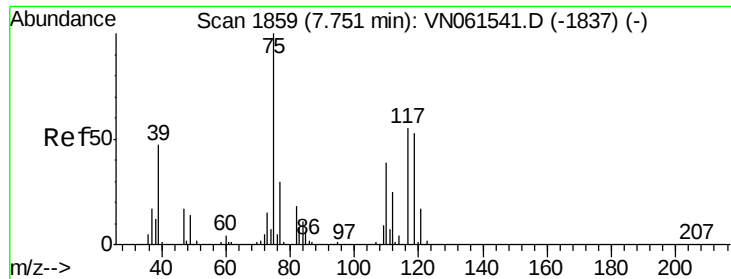
Tgt Ion:114 Resp: 540607
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.8
 88 14.4 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 55.92 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061669.D
 Acq: 5 Jun 2020 15:07

Tgt Ion:113 Resp: 153368
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.4 125.0
 192 18.8 15.4 23.2

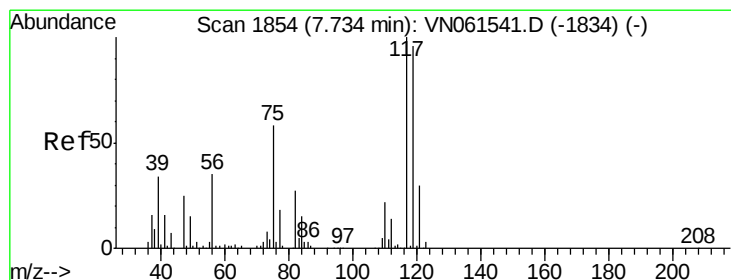
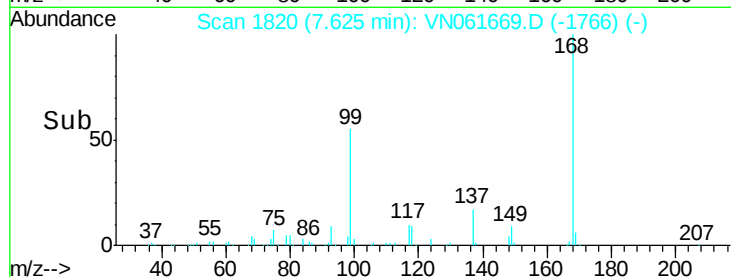
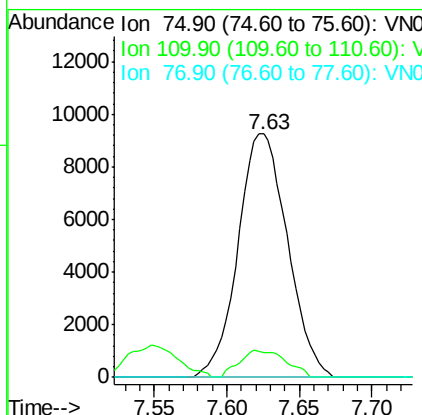
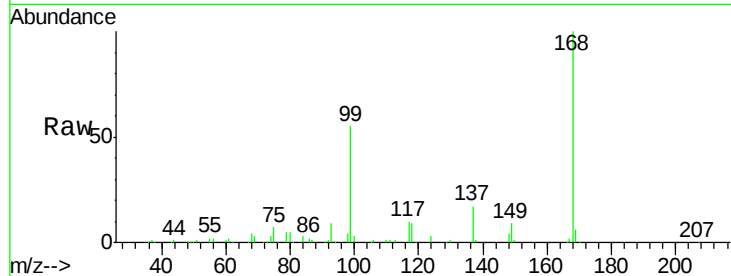




#36
 1,1-Dichloropropene
 Concen: 4.58 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061669.D
 Acq: 5 Jun 2020 15:07

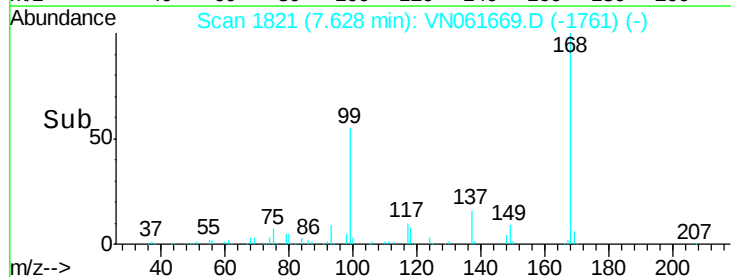
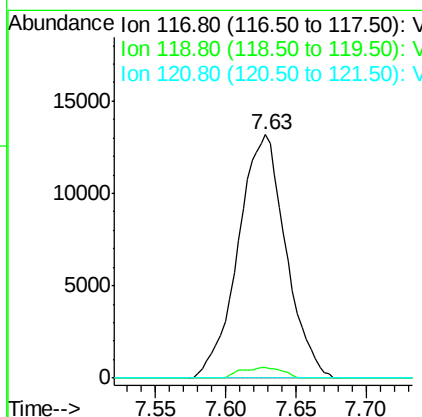
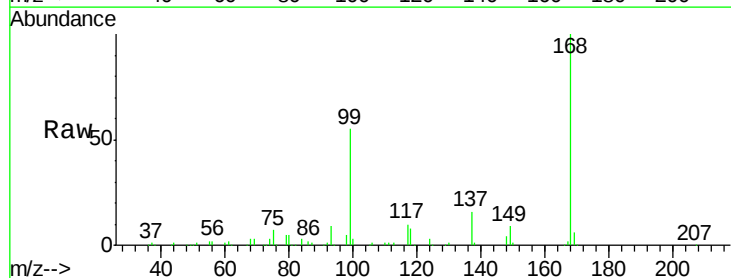
Instrument :
 MSVOA_N
 ClientSampleId :
 DRW-2

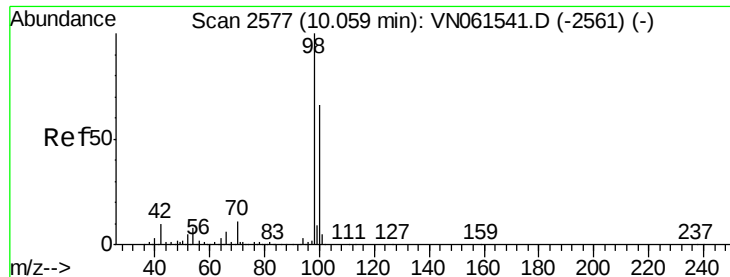
Tgt Ion: 75 Resp: 21928
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.5 58.5#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.74 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.11 min
 Lab File: VN061669.D
 Acq: 5 Jun 2020 15:07

Tgt Ion: 117 Resp: 31125
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.5 114.7#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 50.31 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061669.D

Acq: 5 Jun 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

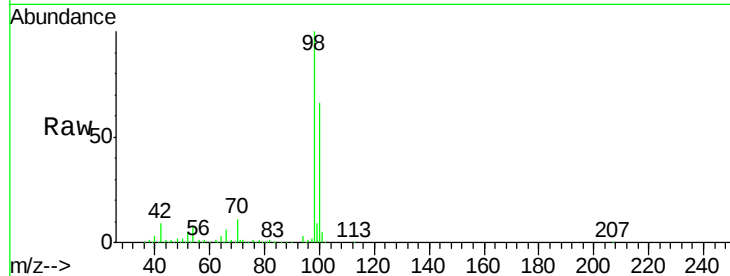
DRW-2

Tgt Ion: 98 Resp: 639351

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061541.D (-2561) (-)

10.06

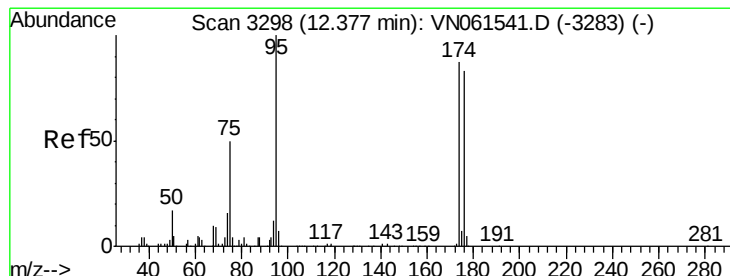
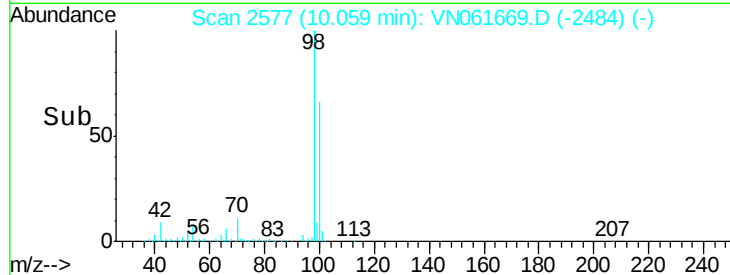
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.36 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061669.D

Acq: 5 Jun 2020 15:07

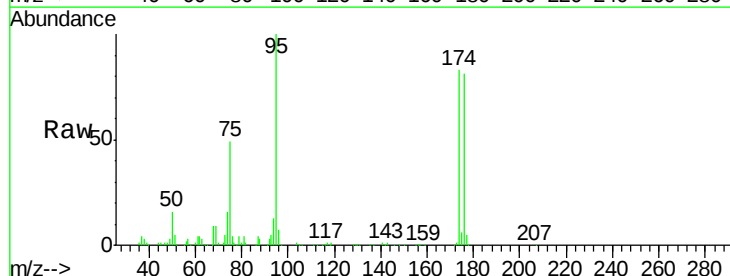
Tgt Ion: 95 Resp: 238140

Ion Ratio Lower Upper

95 100

174 83.1 0.0 172.8

176 80.4 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)

12.38

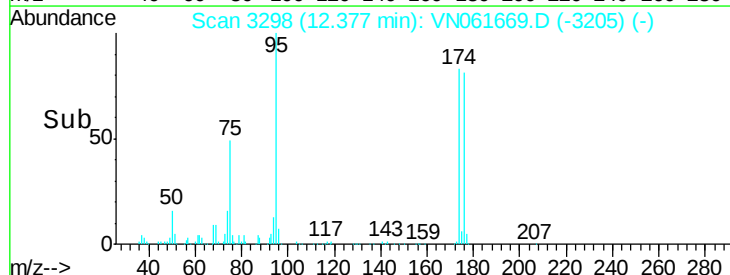
150000

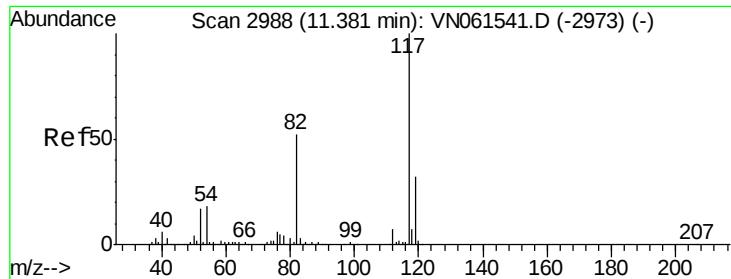
100000

50000

0

Time-->

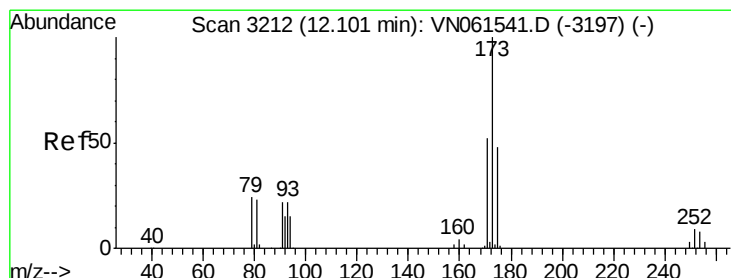
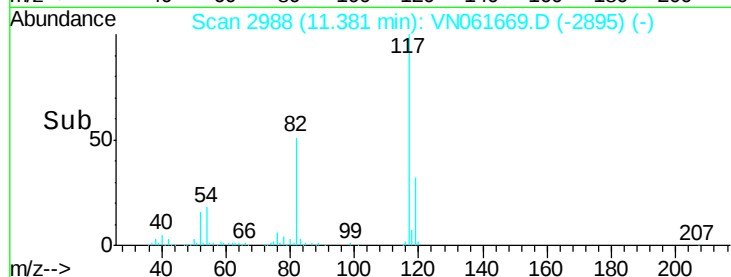
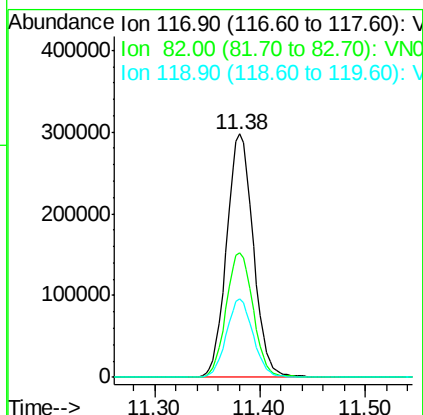
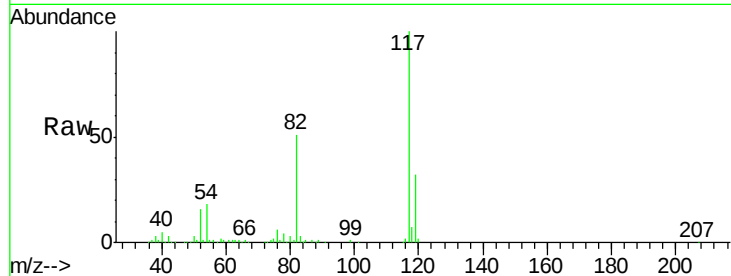




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061669.D
Acq: 5 Jun 2020 15:07

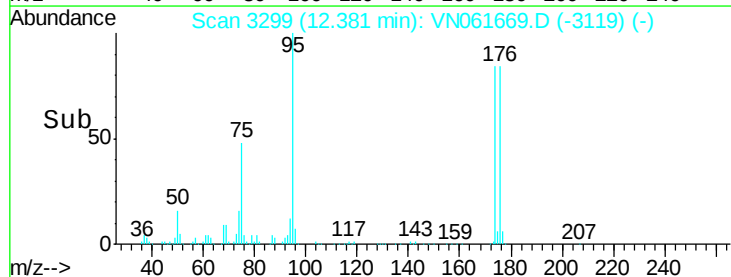
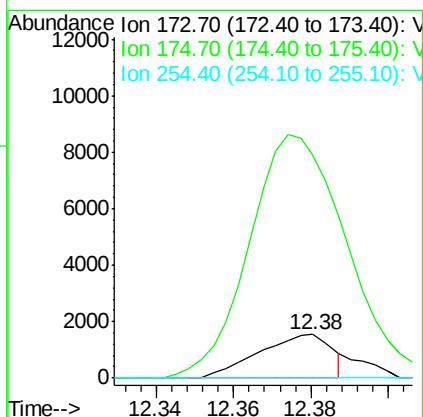
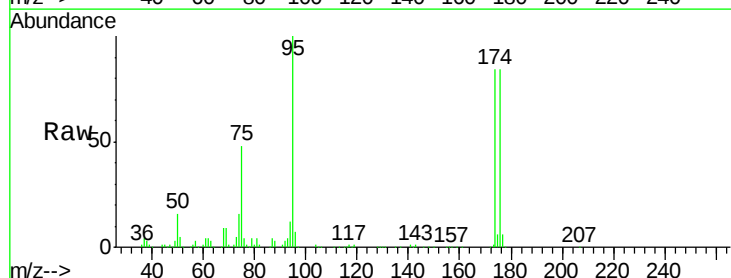
Instrument :
MSVOA_N
ClientSampled :
DRW-2

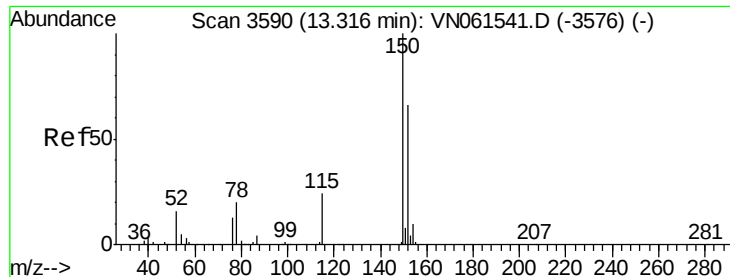
Tgt Ion:117 Resp: 521309
Ion Ratio Lower Upper
117 100
82 51.2 41.5 62.3
119 32.4 25.6 38.4



#71
Bromoform
Concen: 0.66 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.28 min
Lab File: VN061669.D
Acq: 5 Jun 2020 15:07

Tgt Ion:173 Resp: 2037
Ion Ratio Lower Upper
173 100
175 617.8 24.4 73.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061669.D

Acq: 5 Jun 2020 15:07

Instrument :

MSVOA_N

ClientSampled :

DRW-2

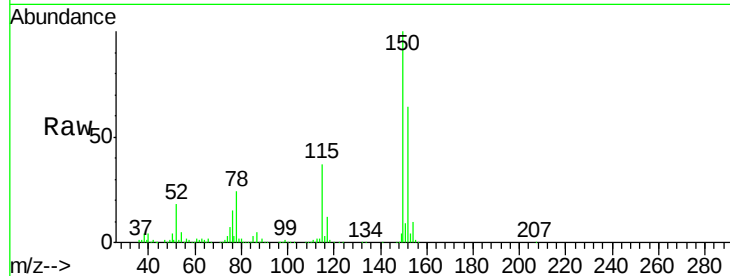
Tgt Ion: 152 Resp: 244102

Ion Ratio Lower Upper

152 100

115 58.3 28.0 84.0

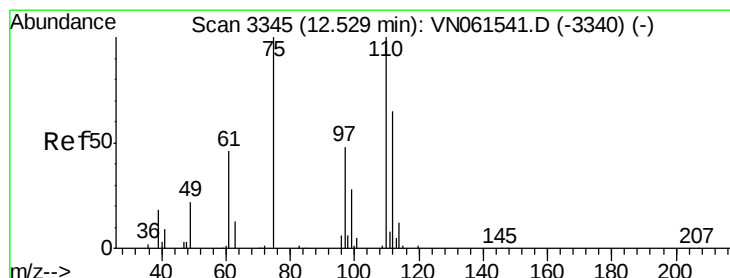
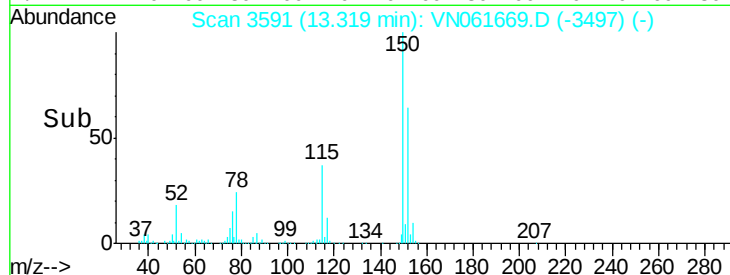
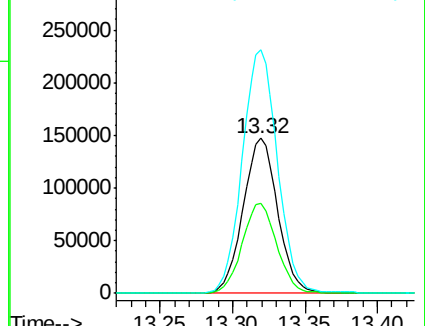
150 160.1 0.0 344.0



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: 26.63 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061669.D

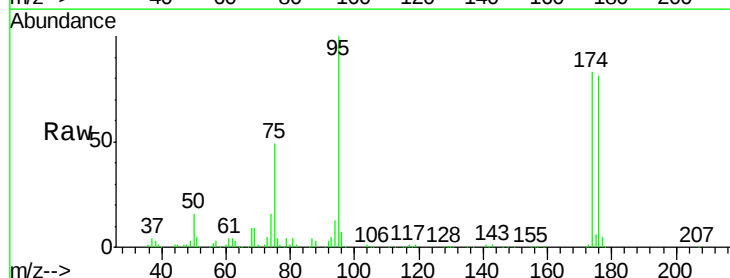
Acq: 5 Jun 2020 15:07

Tgt Ion: 75 Resp: 118217

Ion Ratio Lower Upper

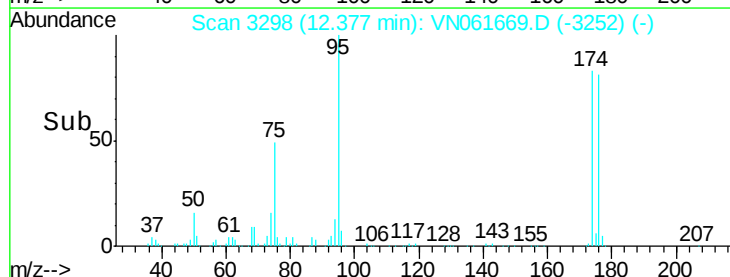
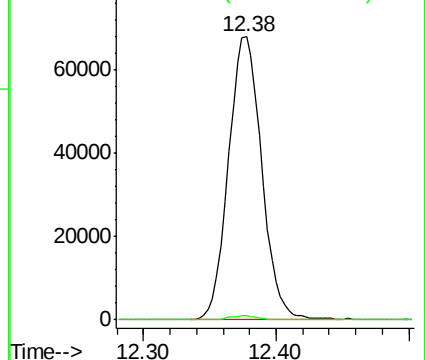
75 100

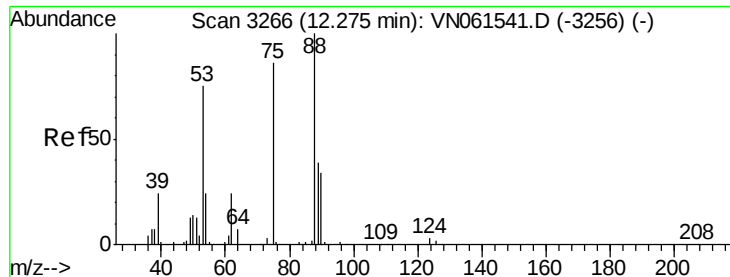
77 1.2 0.0 0.0#



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: 68.11 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061669.D

Acq: 5 Jun 2020 15:07

Instrument :

MSVOA_N

ClientSampled :

DRW-2

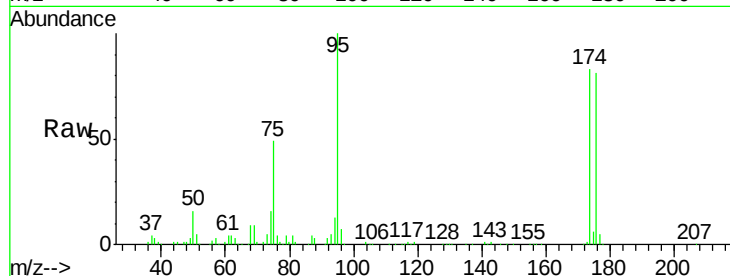
Tgt Ion: 75 Resp: 118217

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

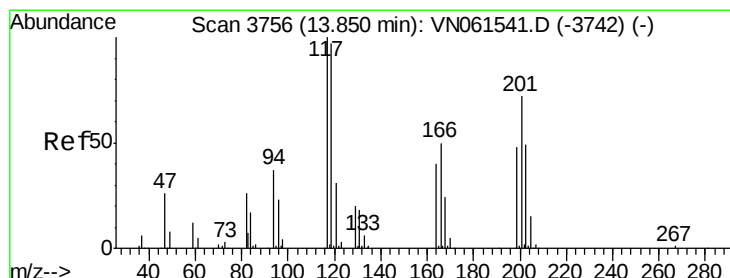
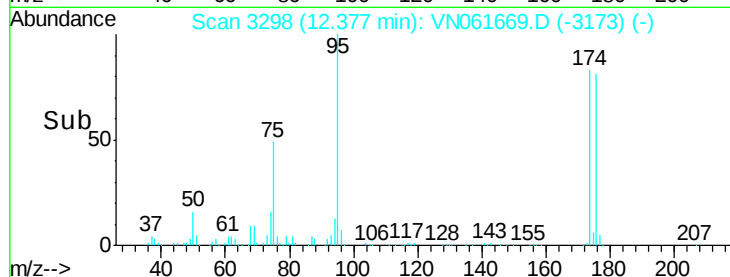
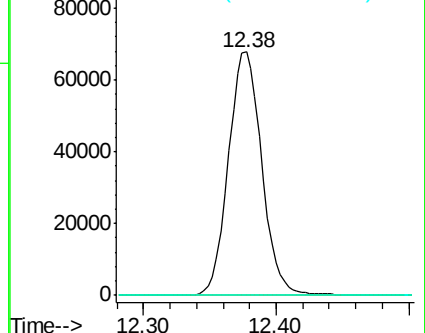
89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061541.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061541.D (-3256) (-)



#90

Hexachloroethane

Concen: 0.23 ug/l

RT: 13.92 min Scan# 3778

Delta R.T. 0.07 min

Lab File: VN061669.D

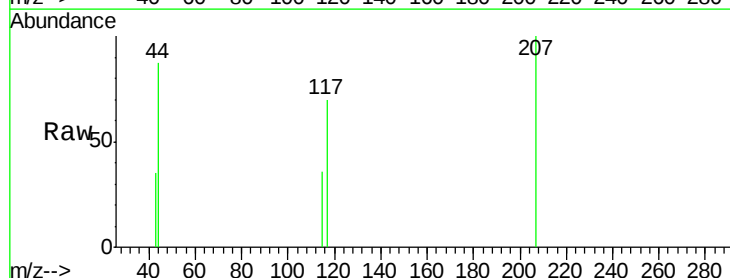
Acq: 5 Jun 2020 15:07

Tgt Ion: 117 Resp: 389

Ion Ratio Lower Upper

117 100

201 0.0 36.7 110.1#



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

