

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062528.D
 Acq On : 15 Jul 2020 11:31
 Operator : JC/MD
 Sample : VN0715WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 16 01:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	189578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	333260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	318634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117434	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	144143	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
35) Dibromofluoromethane	7.55	113	108256	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
50) Toluene-d8	10.06	98	433740	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.38	95	150337	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	

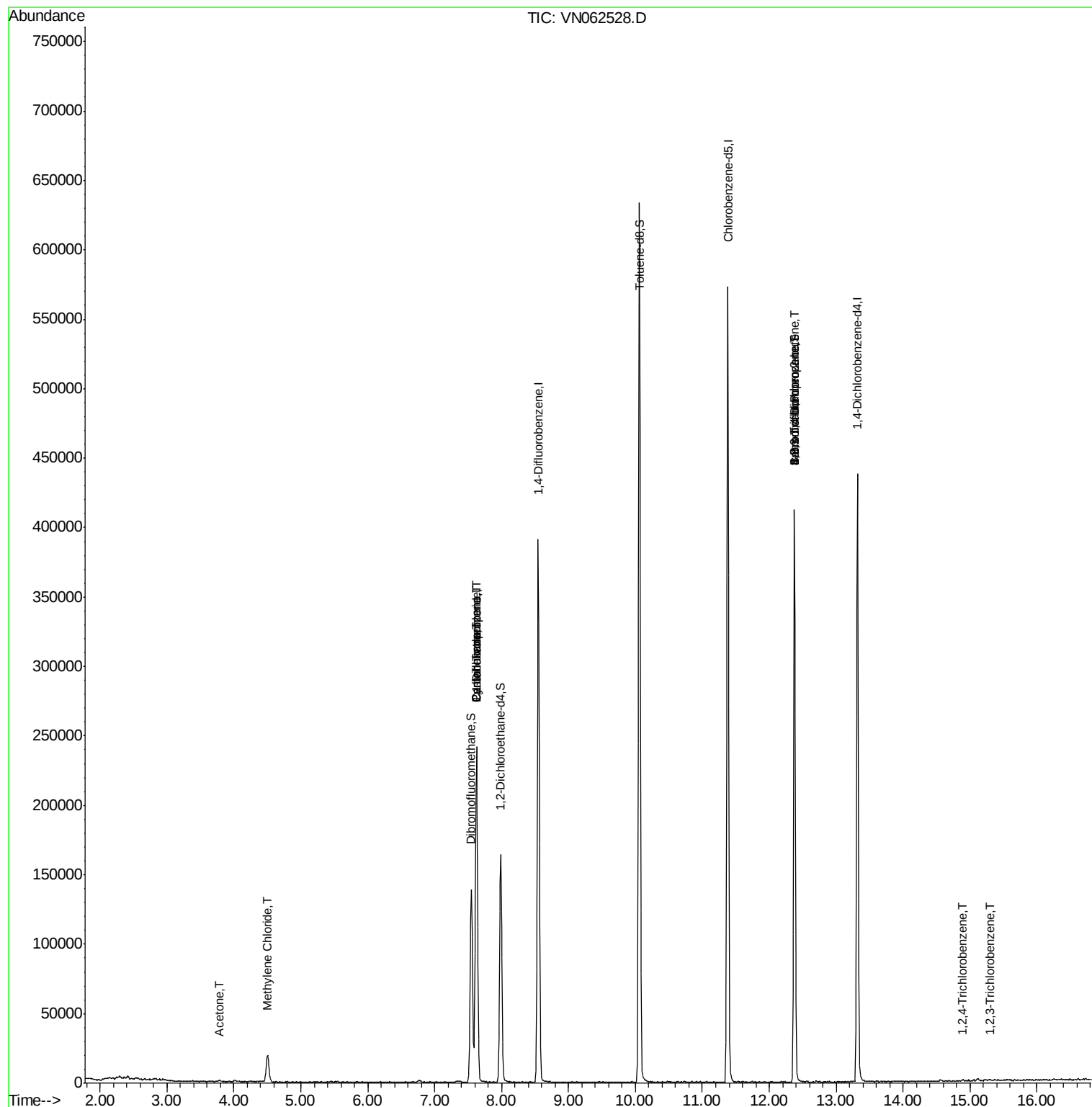
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	1815	1.466	ug/l	94
20) Methylene Chloride	4.50	84	13735	5.189	ug/l	87
31) Cyclohexane	7.63	56	4249	0.959	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	16132	4.805	ug/l #	50
38) Carbon Tetrachloride	7.63	117	19746	6.542	ug/l #	15
71) Bromoform	12.38	173	988	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	80311	27.872	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	80311	74.602	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	296	3.965	ug/l #	76
95) Naphthalene	15.11	128	2137	Below Cal	#	70
96) 1,2,3-Trichlorobenzene	15.28	180	331	3.387	ug/l #	76

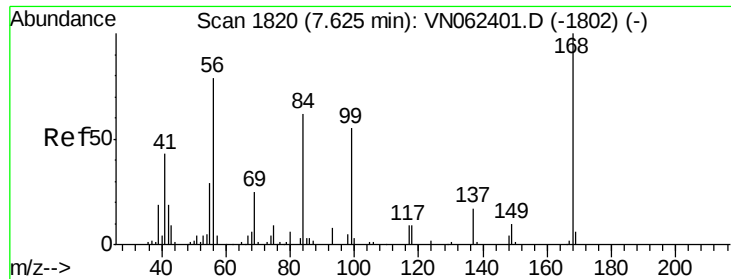
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071520\
Data File : VN062528.D
Acq On : 15 Jul 2020 11:31
Operator : JC/MD
Sample : VN0715WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 16 01:03:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 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: VN062528.D

Acq: 15 Jul 2020 11:31

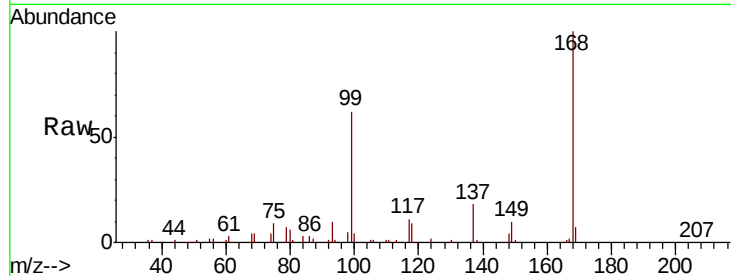
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 189578

Ion Ratio Lower Upper

168 100

99 61.7 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

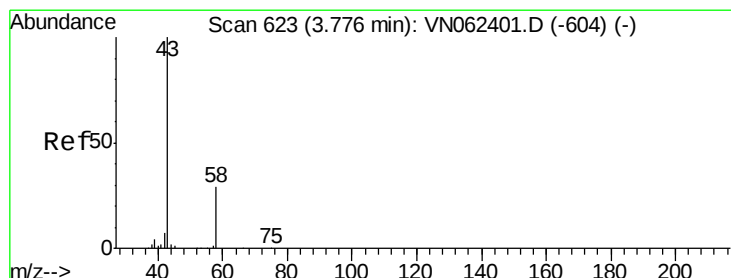
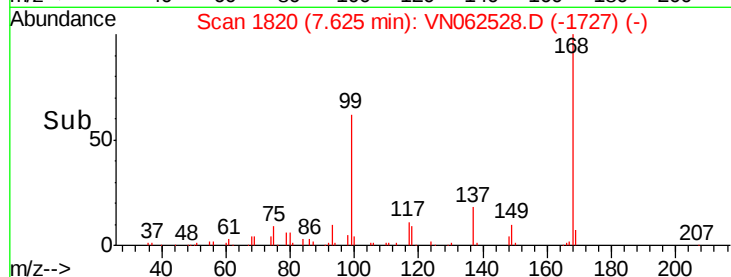
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 1.466 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062528.D

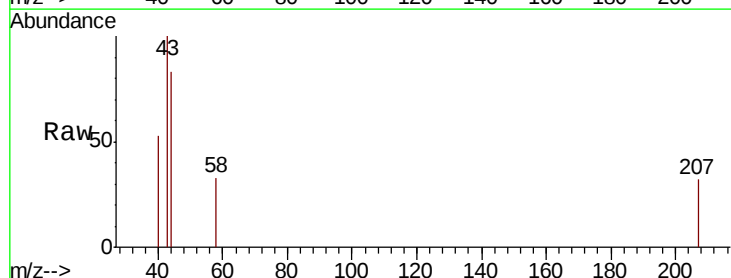
Acq: 15 Jul 2020 11:31

Tgt Ion: 43 Resp: 1815

Ion Ratio Lower Upper

43 100

58 32.6 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

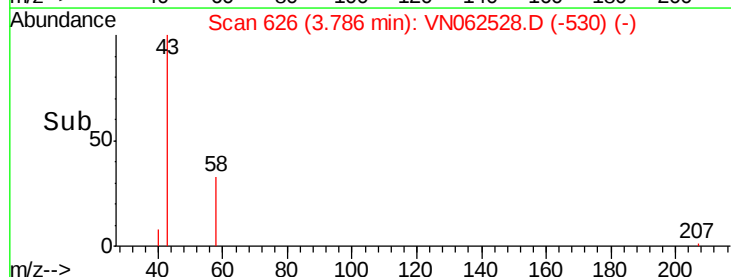
600

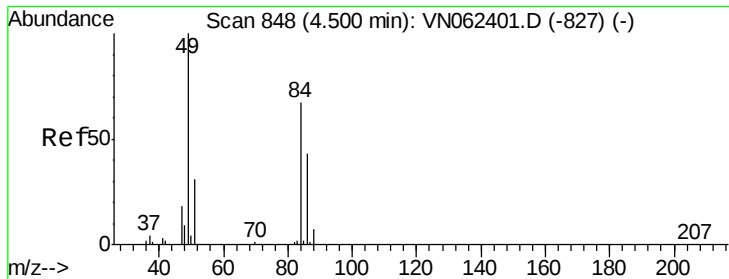
400

200

0

Time--> 3.75 3.80 3.85

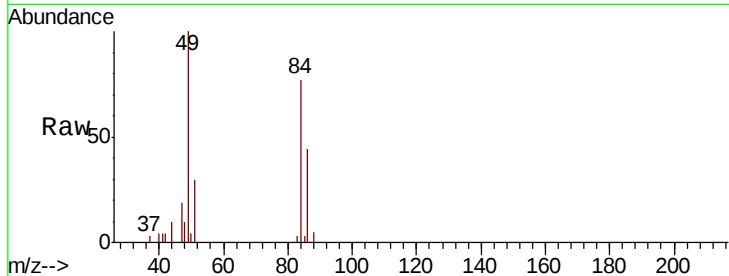




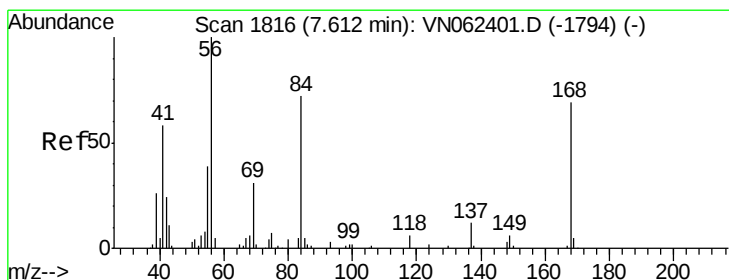
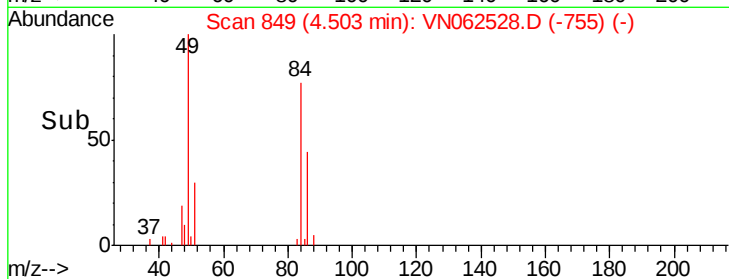
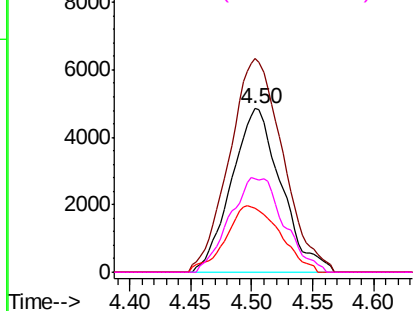
#20
Methvlene Chloride
Concen: 5.189 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062528.D
Acq: 15 Jul 2020 11:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	84	Resp:	13735
Ion	Ratio	Lower	Upper
84	100		
49	130.4	120.0	180.0
51	39.1	37.0	55.6
86	56.9	51.8	77.6

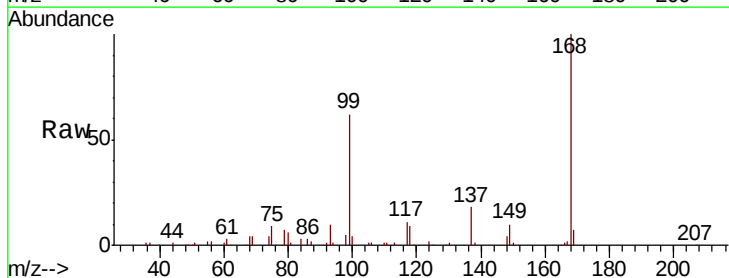


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

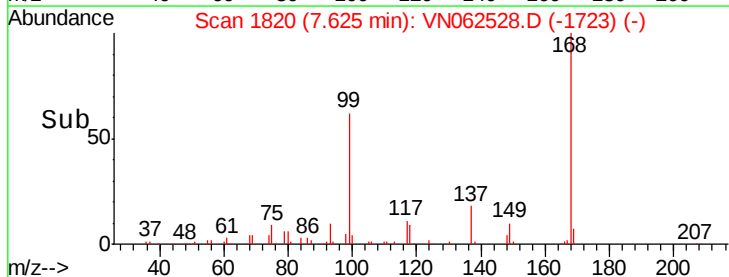
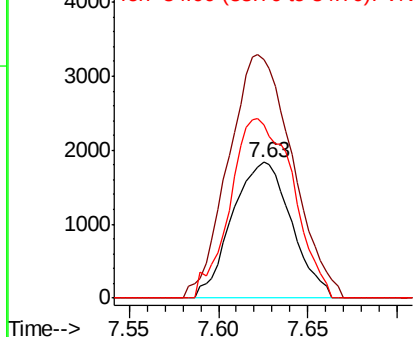


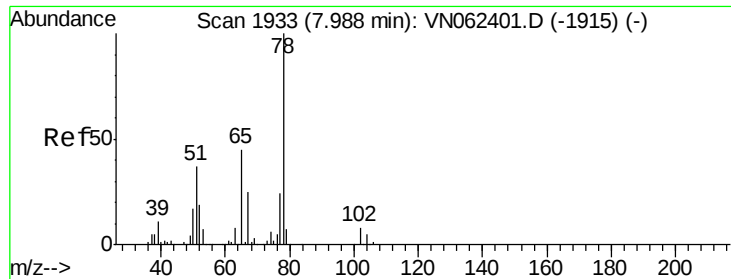
#31
Cyclohexane
Concen: 0.959 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062528.D
Acq: 15 Jul 2020 11:31

Tgt Ion:	56	Resp:	4249
Ion	Ratio	Lower	Upper
56	100		
69	167.0	24.5	36.7#
84	127.5	57.4	86.2#



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: 49.433 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062528.D

Acq: 15 Jul 2020 11:31

Instrument :

MSVOA_N

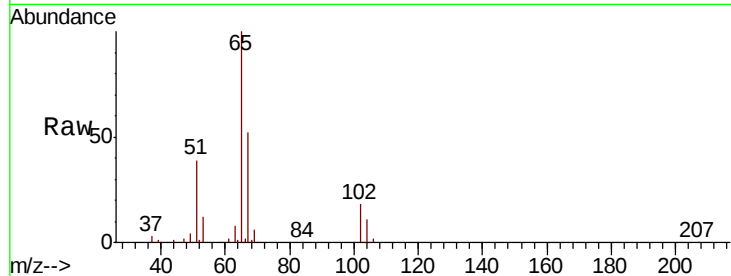
ClientSampleId :

Tot Ion: 65 Resp: 144143

Ion Ratio Lower Upper

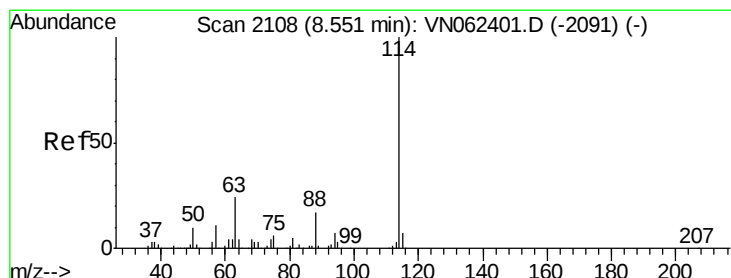
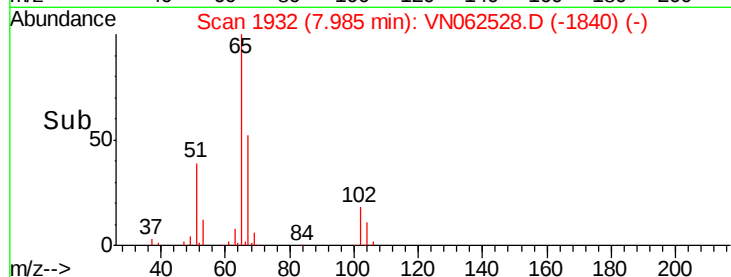
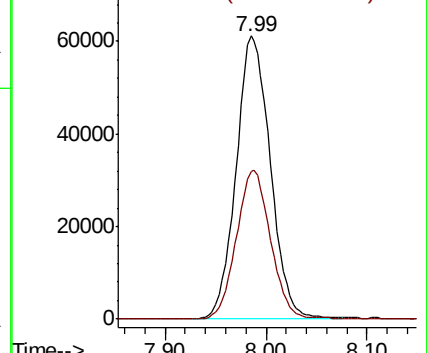
65 100

67 52.6 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN062401.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062401.D (-1915) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062528.D

Acq: 15 Jul 2020 11:31

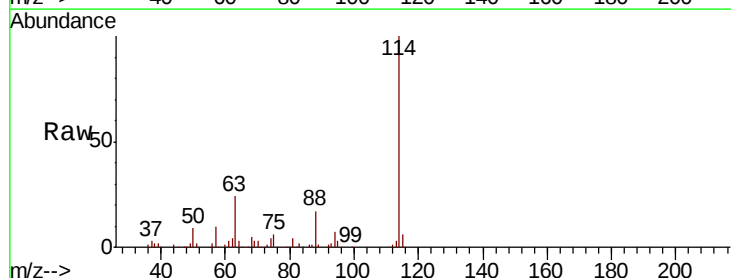
Tgt Ion: 114 Resp: 333260

Ion Ratio Lower Upper

114 100

63 24.2 0.0 48.4

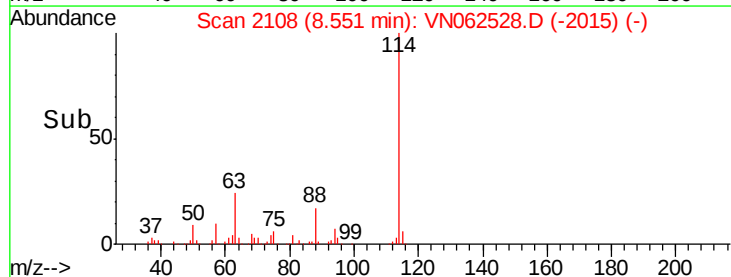
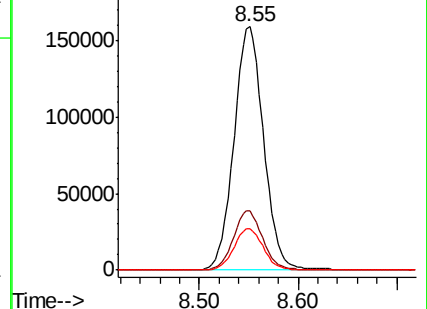
88 16.9 0.0 33.8

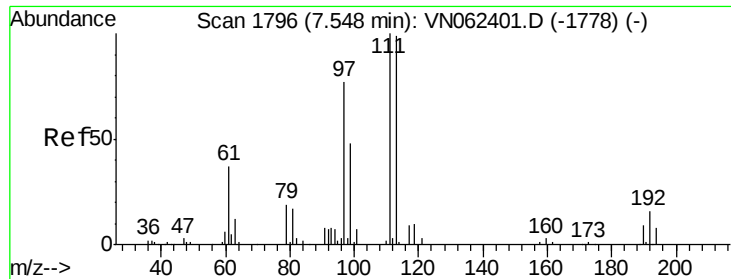


Abundance Ion 113.90 (113.60 to 114.60): VN062401.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN062401.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN062401.D (-2091) (-)

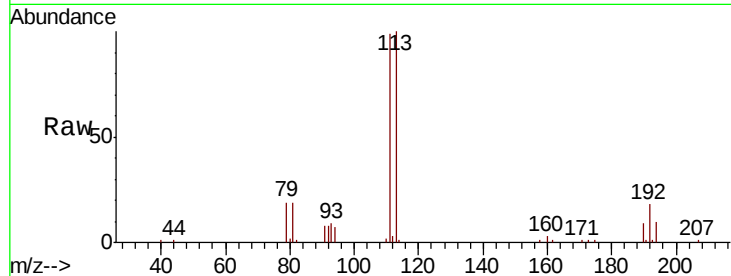




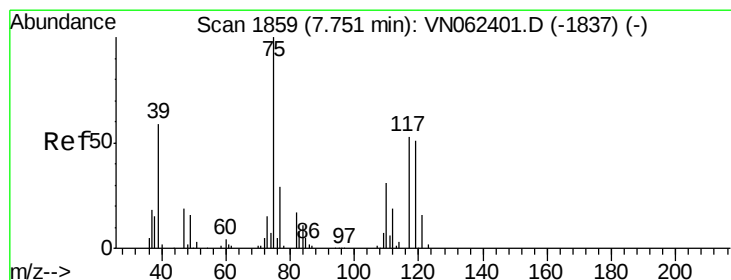
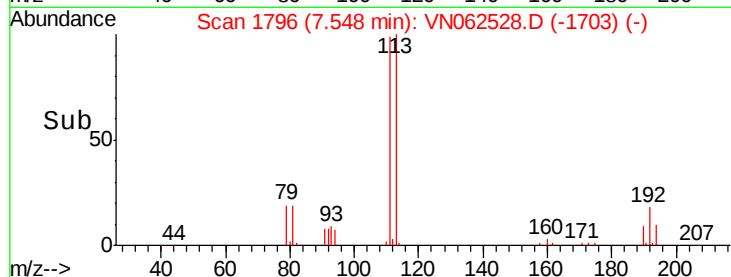
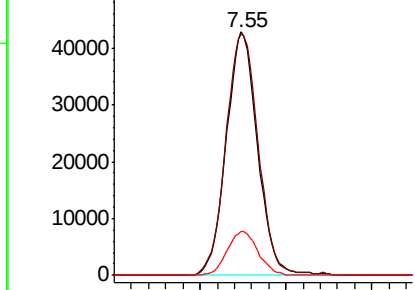
#35
 Dibromofluoromethane
 Concen: 52.552 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062528.D
 Acq: 15 Jul 2020 11:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.1	124.7
192	17.8	14.1	21.1

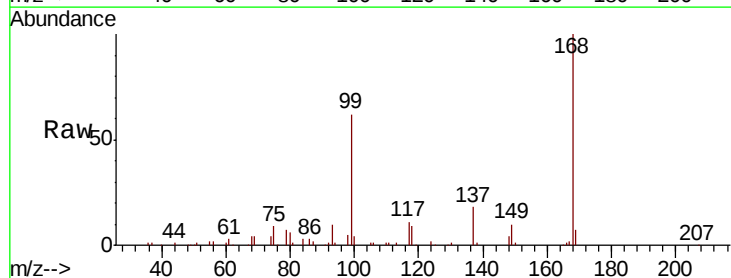


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

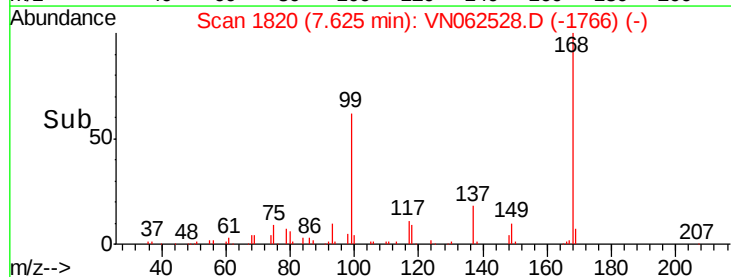
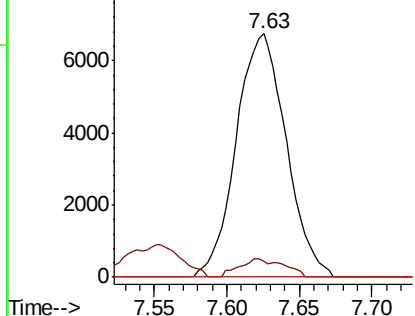


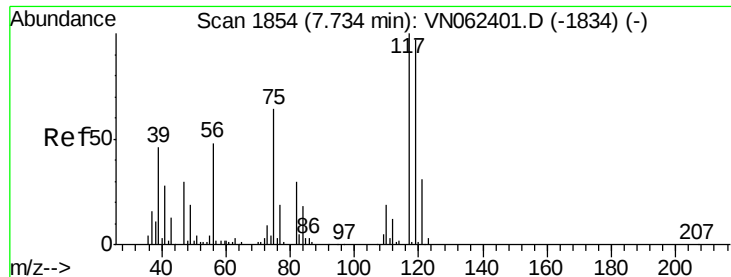
#36
 1,1-Dichloropropene
 Concen: 4.805 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062528.D
 Acq: 15 Jul 2020 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.7	15.4	46.2#
77	0.0	24.1	36.1#



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: 6.542 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062528.D

Acq: 15 Jul 2020 11:31

Instrument :

MSVOA_N

ClientSampled :

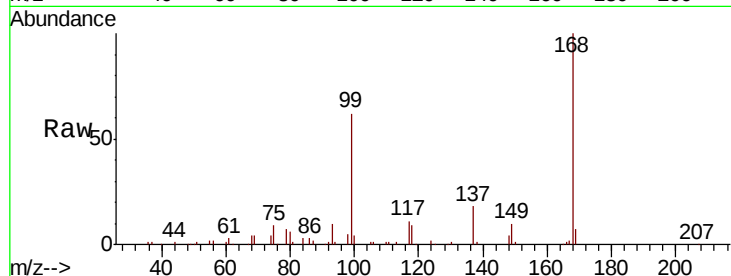
Tot Ion:117 Resp: 19746

Ion Ratio Lower Upper

117 100

119 4.6 77.2 115.8#

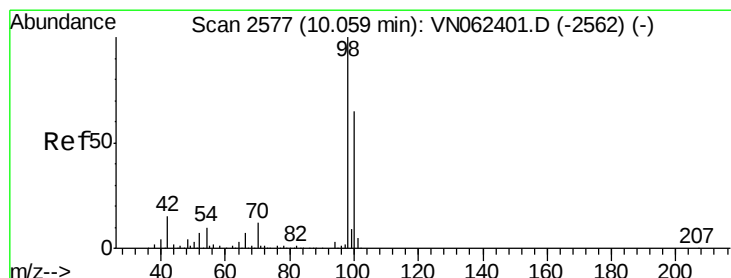
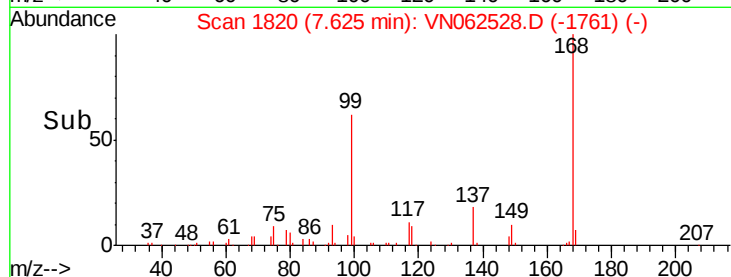
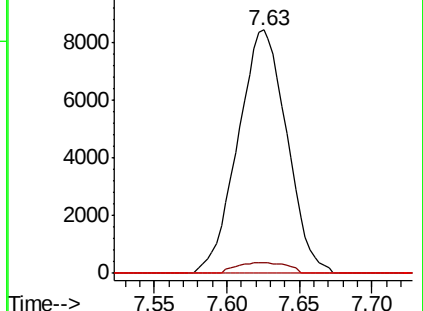
121 0.0 24.8 37.2#



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: 53.336 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062528.D

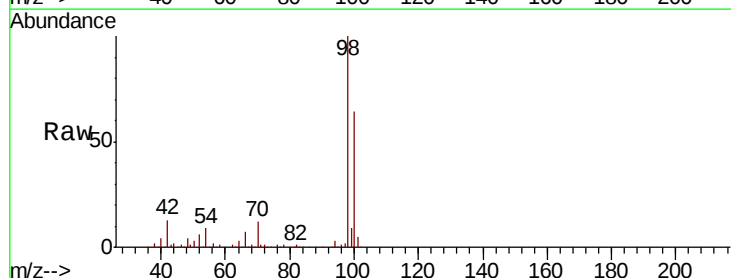
Acq: 15 Jul 2020 11:31

Tgt Ion: 98 Resp: 433740

Ion Ratio Lower Upper

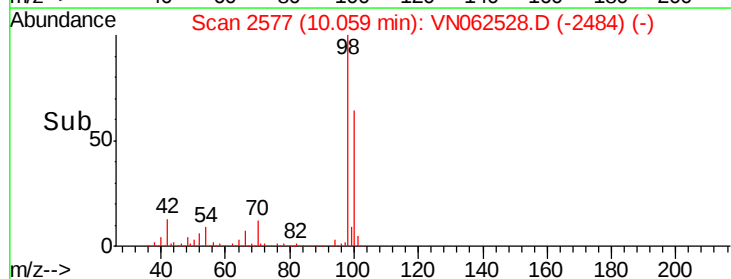
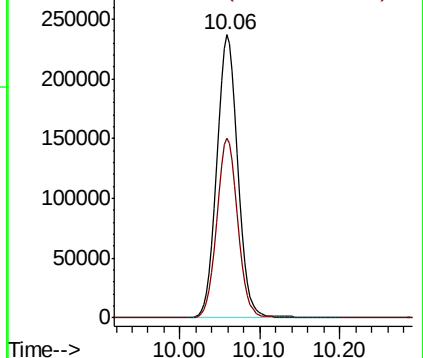
98 100

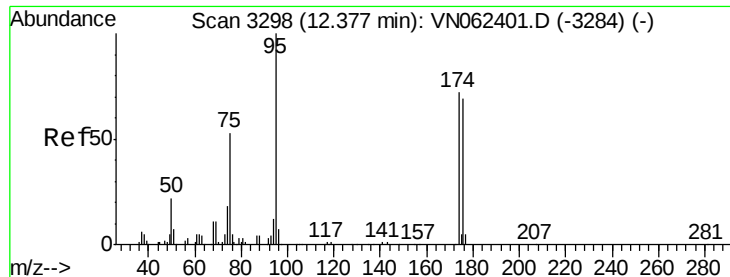
100 63.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 50.588 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062528.D

Acq: 15 Jul 2020 11:31

Instrument :

MSVOA_N

ClientSampled :

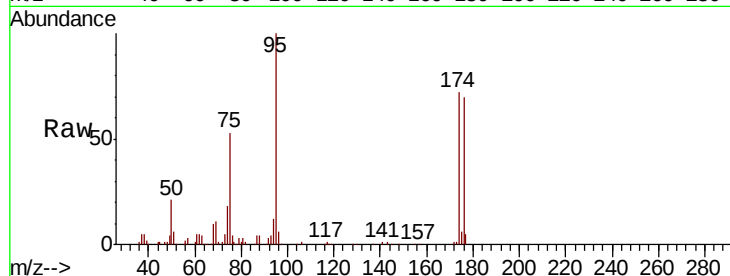
Tot Ion: 95 Resp: 150337

Ion Ratio Lower Upper

95 100

174 72.3 0.0 141.6

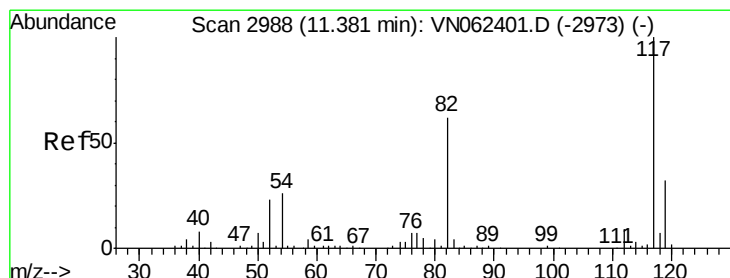
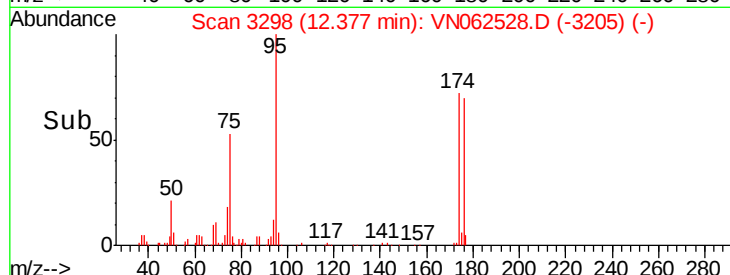
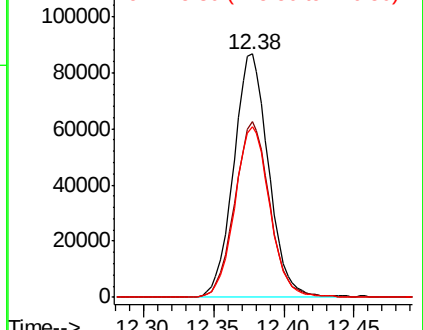
176 70.3 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN062528.D (-2895) (-)

Ion 173.80 (173.50 to 174.50): VN062528.D (-2895) (-)

Ion 175.80 (175.50 to 176.50): VN062528.D (-2895) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062528.D

Acq: 15 Jul 2020 11:31

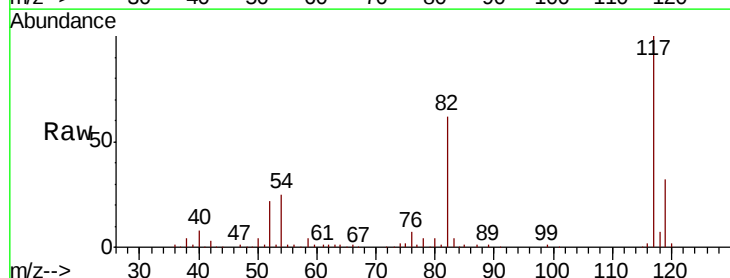
Tgt Ion: 117 Resp: 318634

Ion Ratio Lower Upper

117 100

82 61.7 49.6 74.4

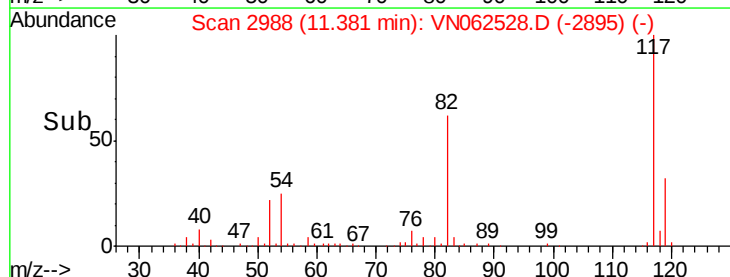
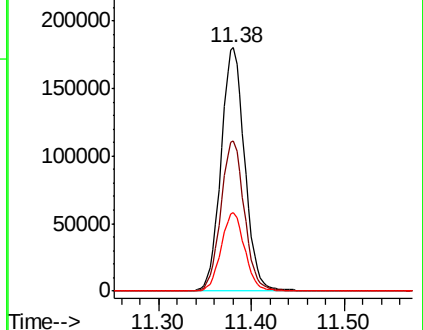
119 32.2 25.4 38.0

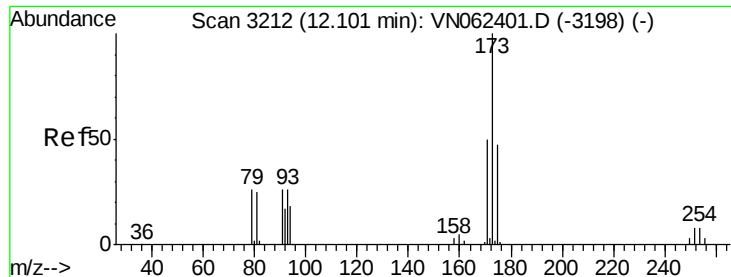


Abundance Ion 116.90 (116.60 to 117.60): VN062528.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062528.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062528.D (-2895) (-)





#71

Bromoform

Concen: 0.590 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062528.D

Acq: 15 Jul 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

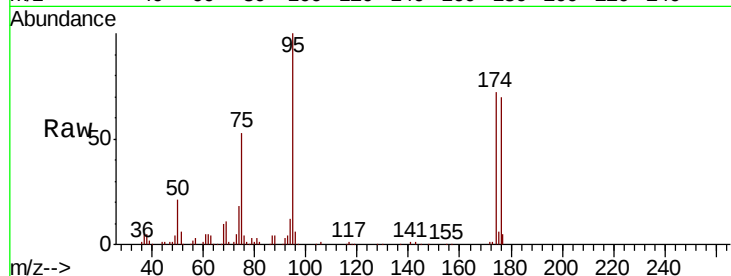
Tot Ion:173 Resp: 988

Ion Ratio Lower Upper

173 100

175 716.2 23.7 71.1#

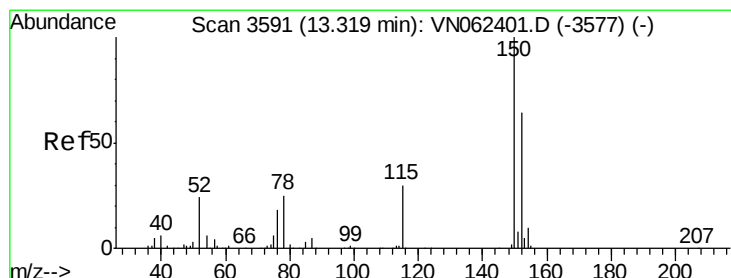
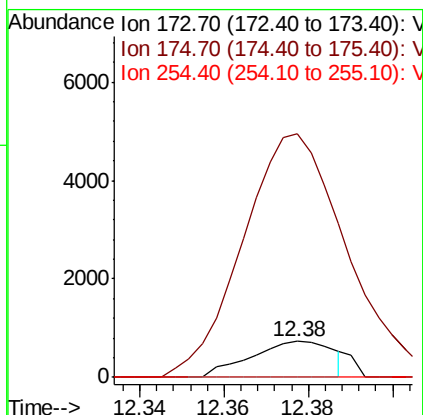
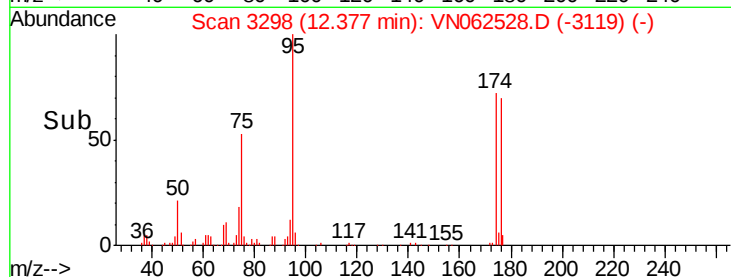
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN062528.D

Acq: 15 Jul 2020 11:31

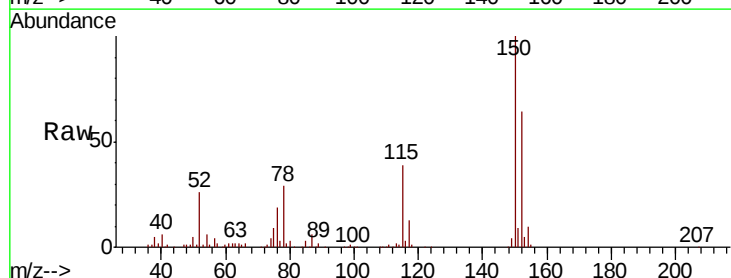
Tgt Ion:152 Resp: 117434

Ion Ratio Lower Upper

152 100

115 61.6 31.4 94.2

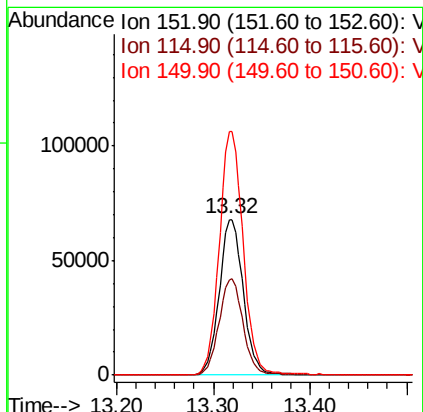
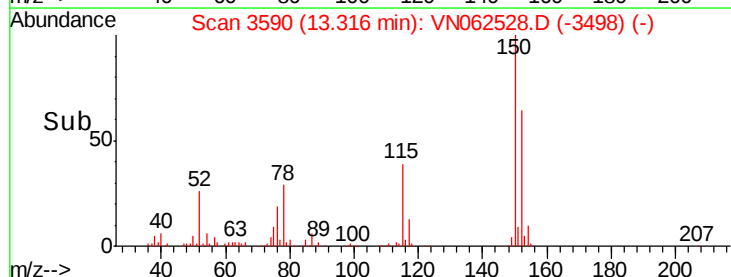
150 155.0 0.0 347.4

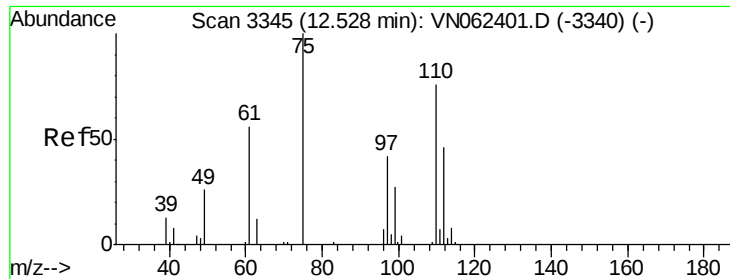


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

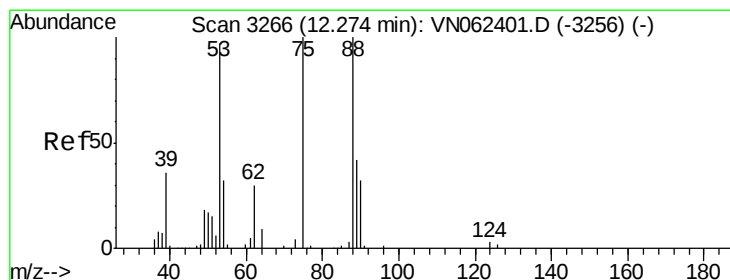
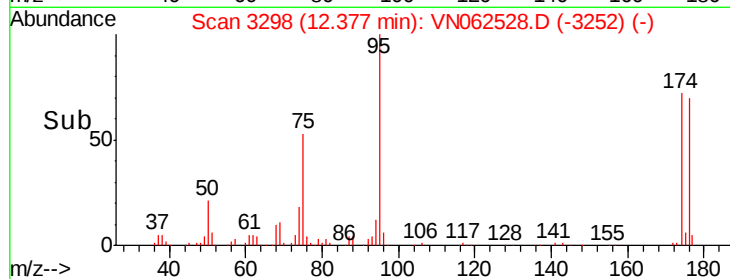
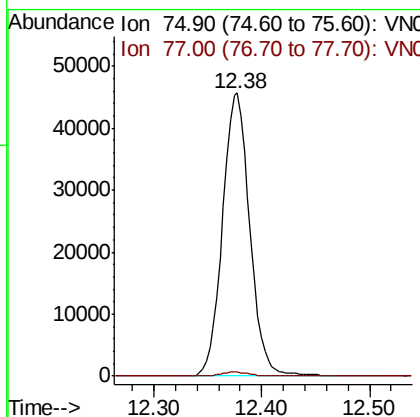
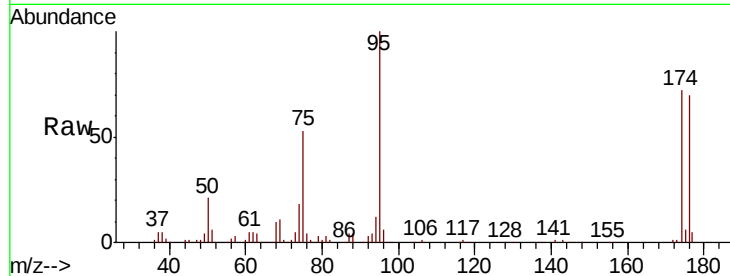




#76
 1,2,3-Trichloropropane
 Concen: 27.872 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062528.D
 Acq: 15 Jul 2020 11:31

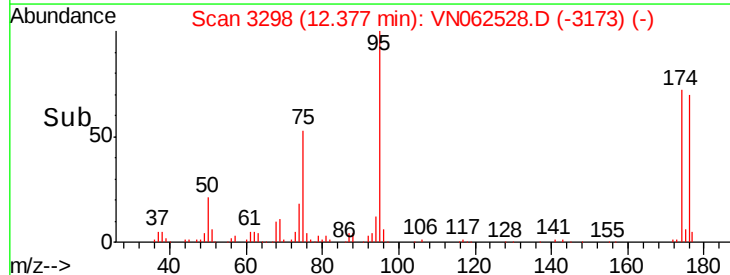
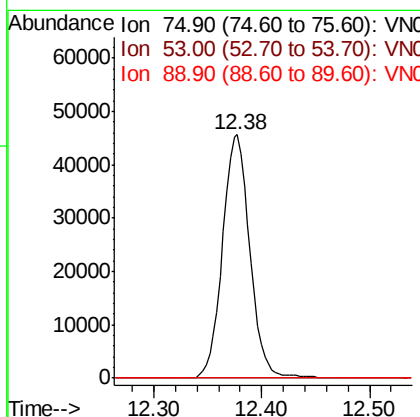
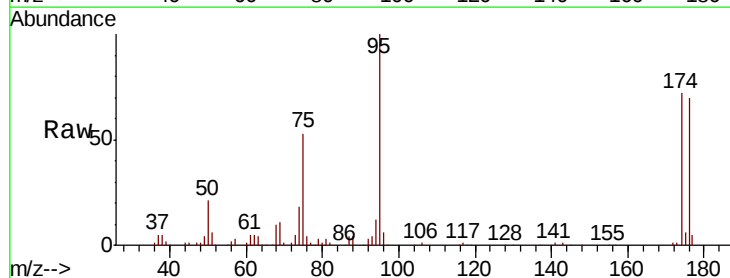
Instrument :
 MSVOA_N
 ClientSampled :

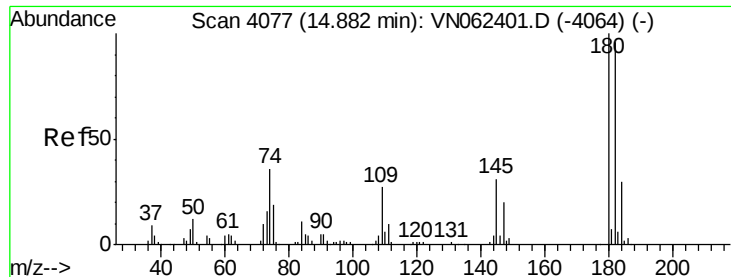
Tot Ion: 75 Resp: 80311
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.602 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062528.D
 Acq: 15 Jul 2020 11:31

Tgt Ion: 75 Resp: 80311
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.2 118.8#
 89 0.0 34.6 52.0#

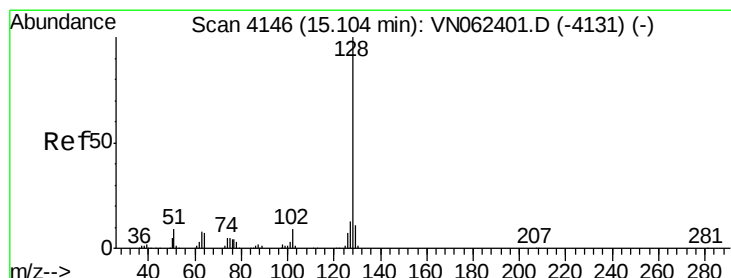
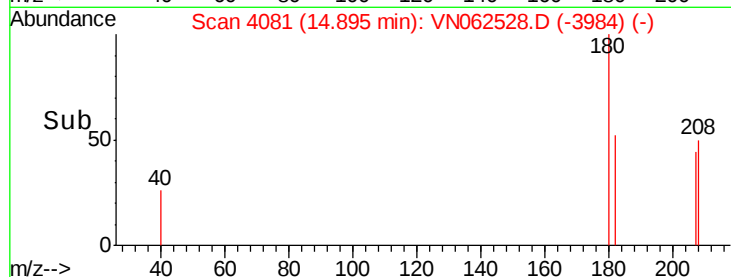
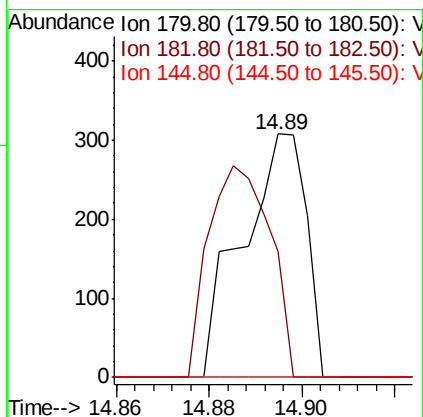
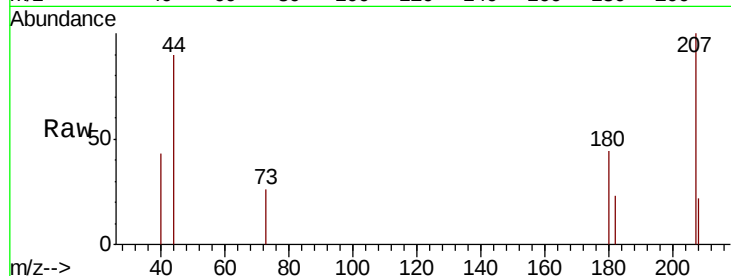




#93
 1,2,4-Trichlorobenzene
 Concen: 3.965 ug/l
 RT: 14.89 min Scan# 4081
 Delta R.T. 0.01 min
 Lab File: VN062528.D
 Acq: 15 Jul 2020 11:31

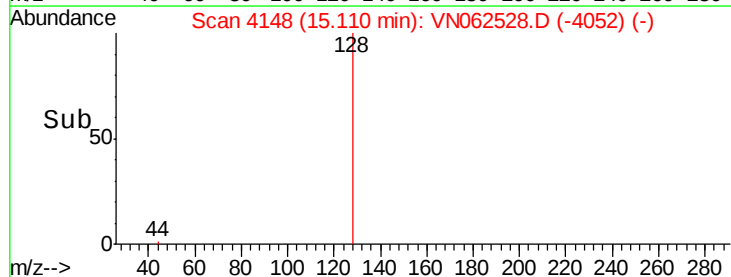
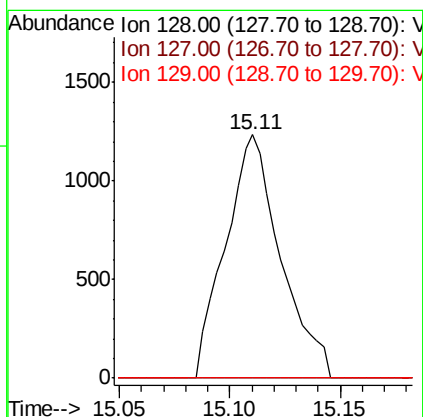
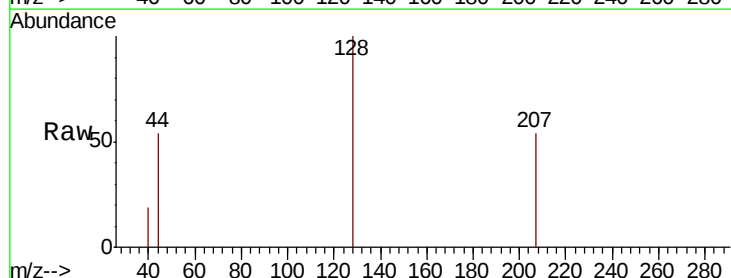
Instrument :
 MSVOA_N
 ClientSampled :

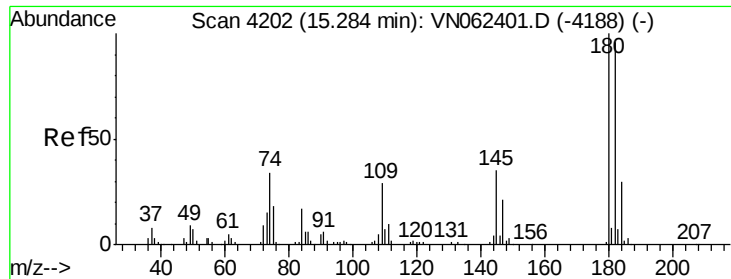
Tot Ion:180 Resp: 296
 Ion Ratio Lower Upper
 180 100
 182 83.1 48.4 145.2
 145 0.0 15.5 46.5#



#95
 Naphthalene
 Concen: Below Cal
 RT: 15.11 min Scan# 4148
 Delta R.T. 0.01 min
 Lab File: VN062528.D
 Acq: 15 Jul 2020 11:31

Tgt Ion:128 Resp: 2137
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.387 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN062528.D
 Acq: 15 Jul 2020 11:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 331
 Ion Ratio Lower Upper
 180 100
 182 106.3 47.8 143.4
 145 0.0 17.0 50.9#

