

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
 Data File : VN062953.D
 Acq On : 14 Aug 2020 23:22
 Operator : JC/MD
 Sample : L3691-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-081320-SO

Quant Time: Aug 17 09:32:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	179787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	344445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	332163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115125	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	150606	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
35) Dibromofluoromethane	7.55	113	118102	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
50) Toluene-d8	10.06	98	430628	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
62) 4-Bromofluorobenzene	12.38	95	147259	42.36	ug/l	0.00
Spiked Amount			Recovery	=	84.72%	

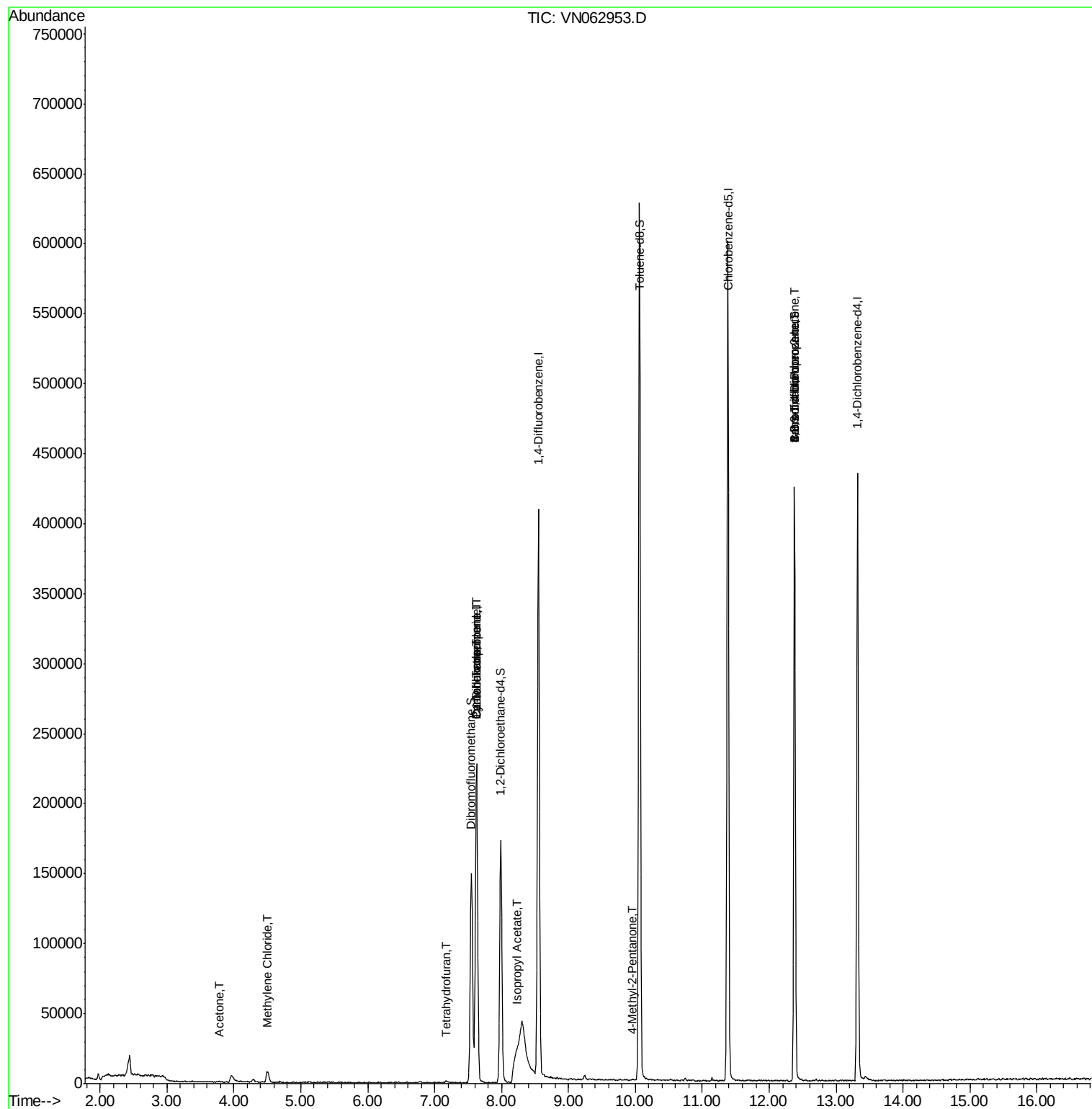
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	452	0.421	ug/l #	45
17) Carbon Disulfide	4.00	76	352	Below Cal	#	74
18) Methyl Acetate	4.28	43	1593	Below Cal		96
20) Methylene Chloride	4.49	84	2570	0.555	ug/l #	93
29) Tetrahydrofuran	7.17	42	512	0.518	ug/l #	33
31) Cyclohexane	7.62	56	4097	1.137	ug/l #	12
36) 1,1-Dichloropropene	7.62	75	15182	4.527	ug/l #	51
38) Carbon Tetrachloride	7.63	117	18223	4.594	ug/l #	16
43) Isopropyl Acetate	8.22	43	23681	4.052	ug/l #	61
51) 4-Methyl-2-Pentanone	9.96	43	883	0.234	ug/l #	36
71) Bromoform	12.38	173	611	0.268	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	76714	24.708	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	76714	75.427	ug/l #	10

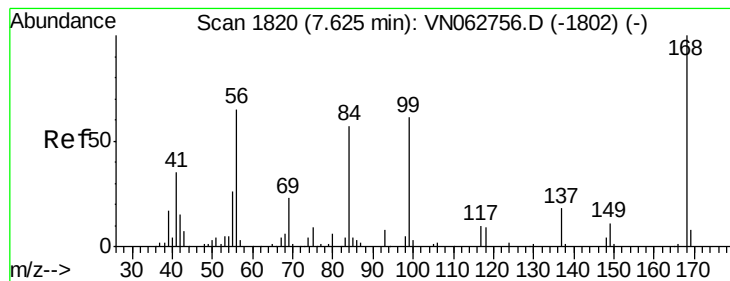
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
Data File : VN062953.D
Acq On : 14 Aug 2020 23:22
Operator : JC/MD
Sample : L3691-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EB-01-081320-SO

Quant Time: Aug 17 09:32:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 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: VN062953.D

Acq: 14 Aug 2020 23:22

Instrument :

MSVOA_N

ClientSampleId :

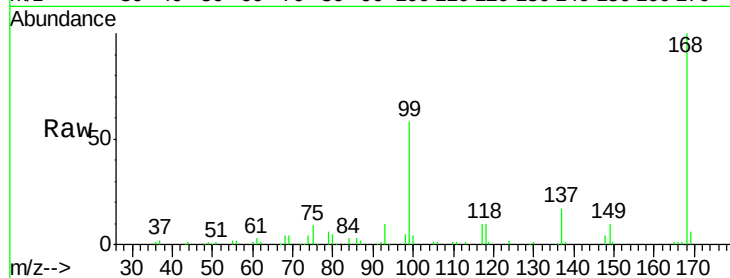
EB-01-081320-SO

Tgt Ion:168 Resp: 179787

Ion Ratio Lower Upper

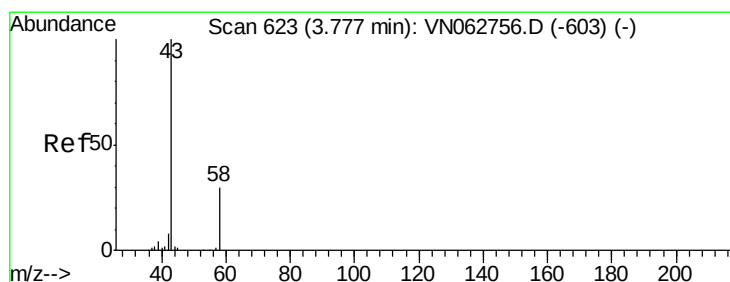
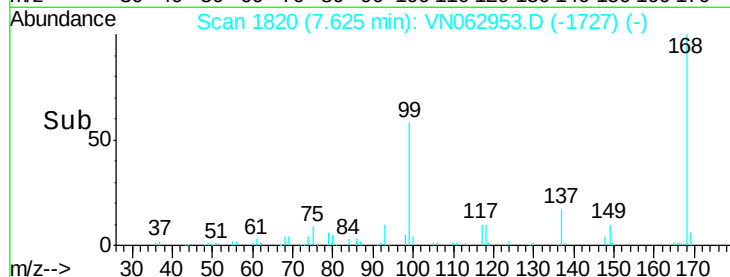
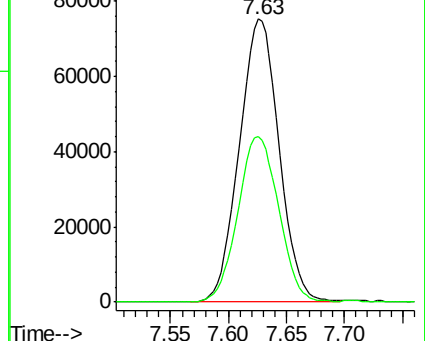
168 100

99 58.3 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 0.421 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062953.D

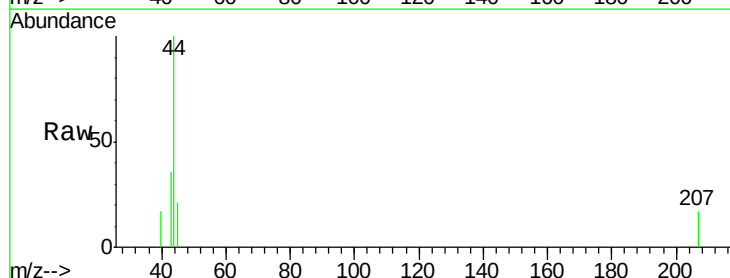
Acq: 14 Aug 2020 23:22

Tgt Ion: 43 Resp: 452

Ion Ratio Lower Upper

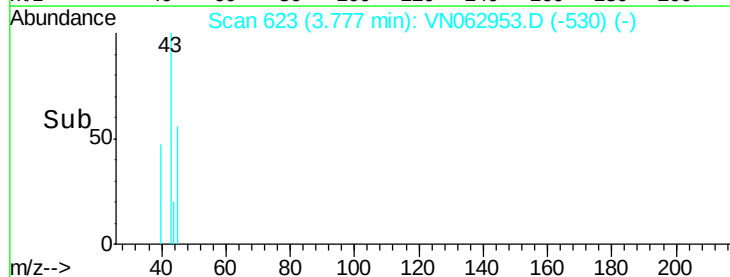
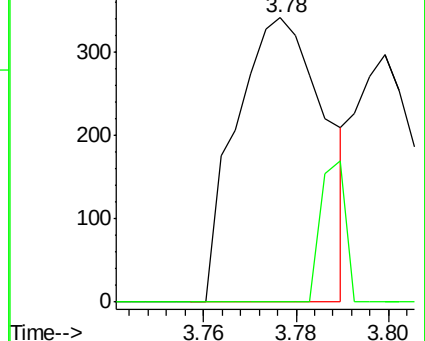
43 100

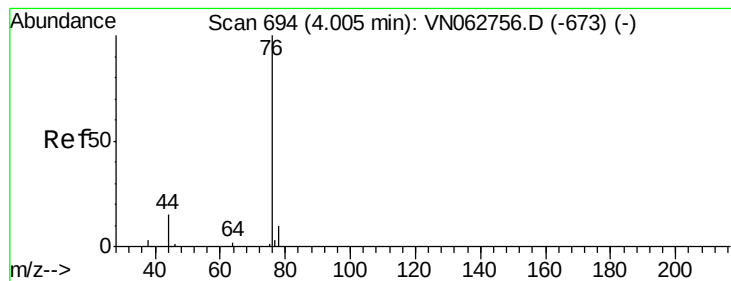
58 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.00 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN062953.D

Acq: 14 Aug 2020 23:22

Instrument :

MSVOA_N

ClientSampleId :

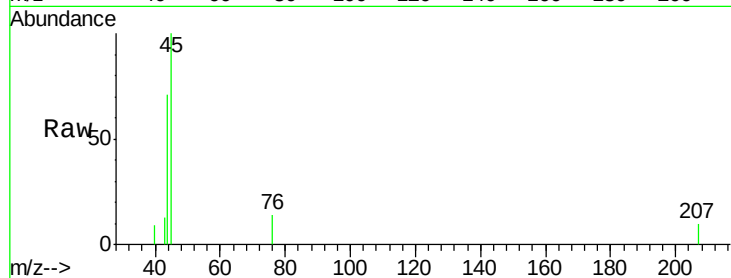
EB-01-081320-SO

Tgt Ion: 76 Resp: 352

Ion Ratio Lower Upper

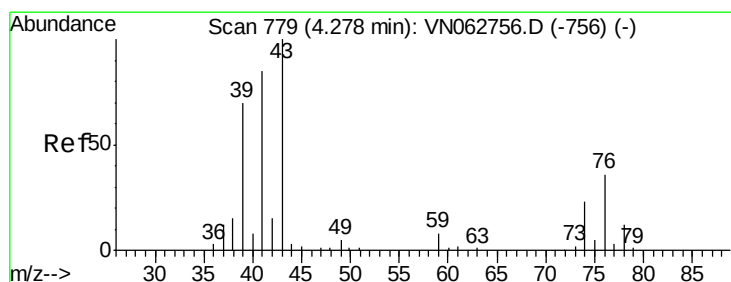
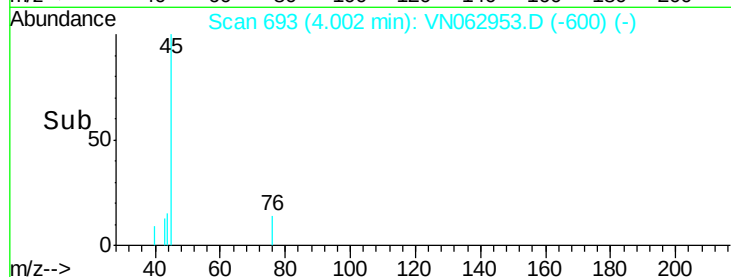
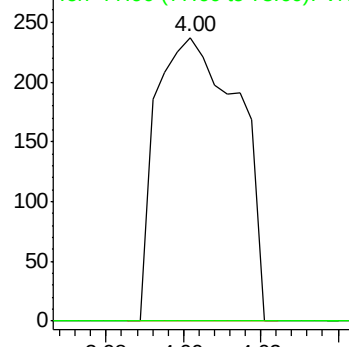
76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062953.D

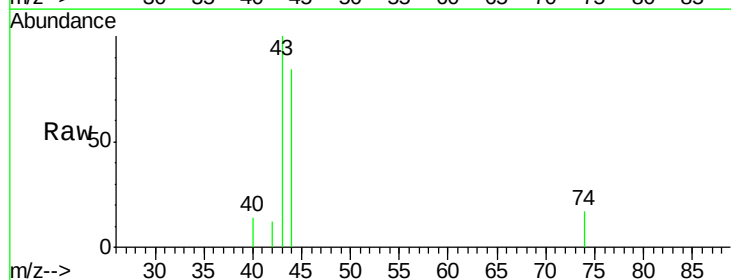
Acq: 14 Aug 2020 23:22

Tgt Ion: 43 Resp: 1593

Ion Ratio Lower Upper

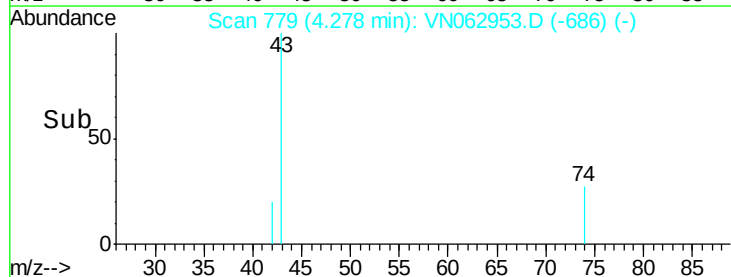
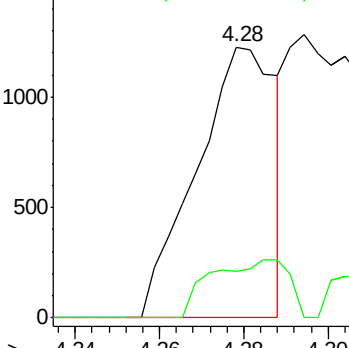
43 100

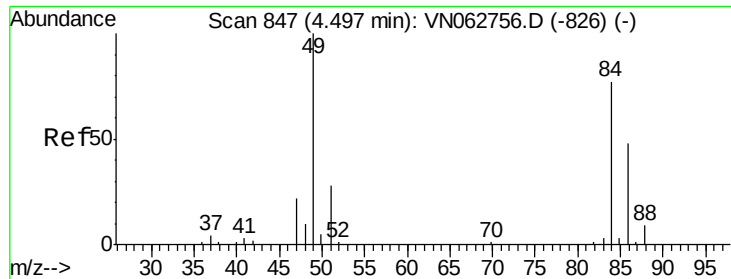
74 21.2 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

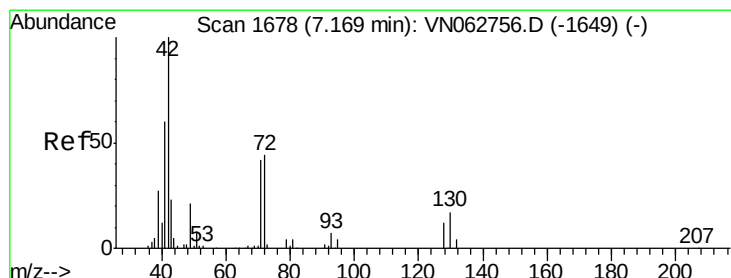
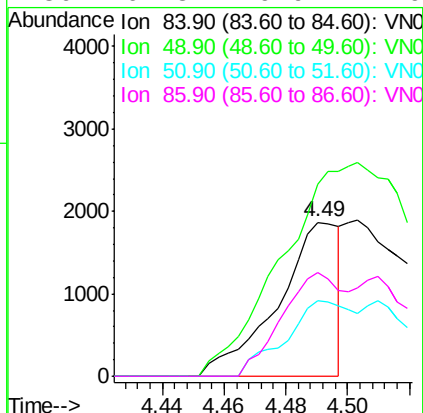
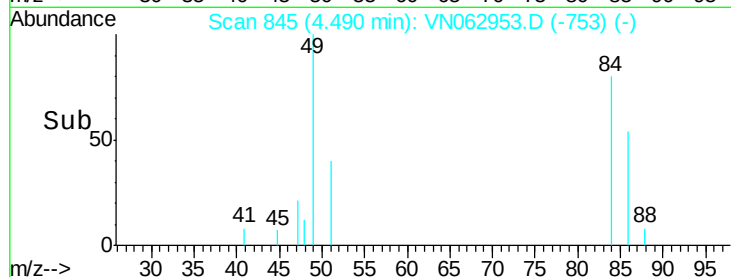
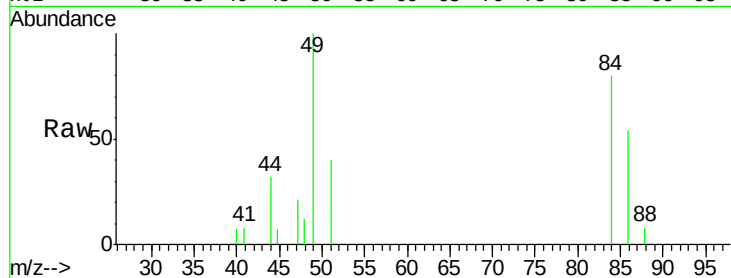




#20
Methylene Chloride
Concen: 0.555 ug/l
RT: 4.49 min Scan# 845
Delta R.T. -0.01 min
Lab File: VN062953.D
Acq: 14 Aug 2020 23:22

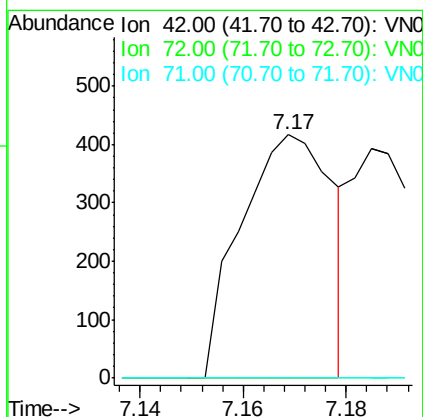
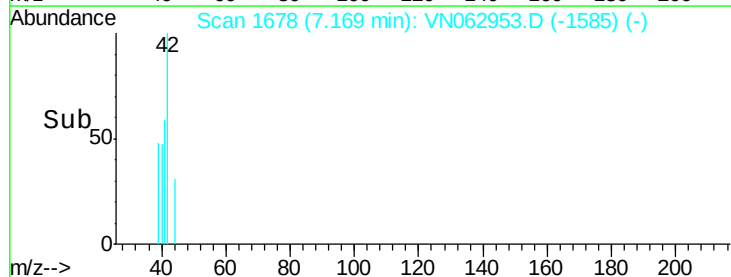
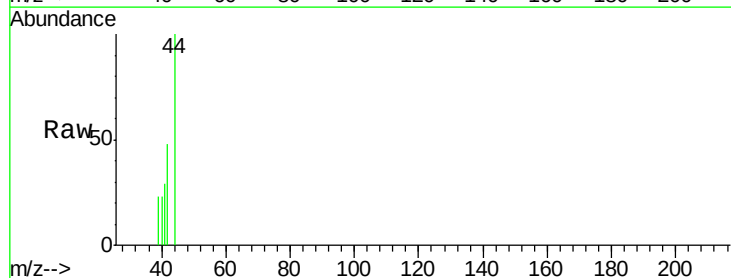
Instrument :
MSVOA_N
ClientSampleId :
EB-01-081320-SO

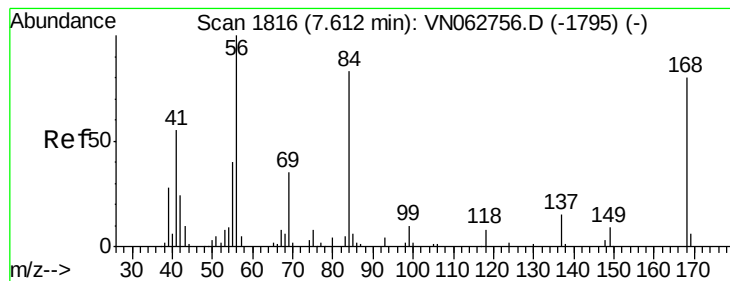
Tgt Ion: 84 Resp: 2570
Ion Ratio Lower Upper
84 100
49 124.6 103.4 155.2
51 49.4 29.3 43.9#
86 67.3 49.9 74.9



#29
Tetrahydrofuran
Concen: 0.518 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062953.D
Acq: 14 Aug 2020 23:22

Tgt Ion: 42 Resp: 512
Ion Ratio Lower Upper
42 100
72 0.0 35.0 52.4#
71 0.0 33.2 49.8#





#31

Cyclohexane

Concen: 1.137 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN062953.D

Acq: 14 Aug 2020 23:22

Instrument :

MSVOA_N

ClientSampleId :

EB-01-081320-SO

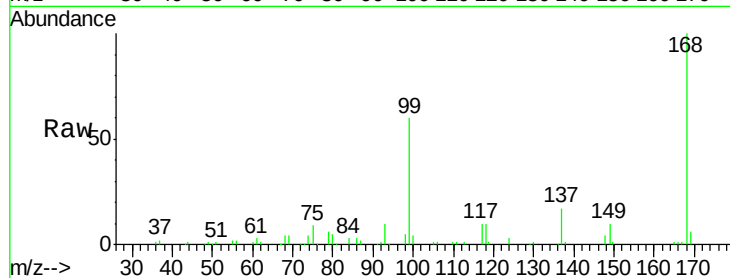
Tgt Ion: 56 Resp: 4097

Ion Ratio Lower Upper

56 100

69 172.4 28.1 42.1#

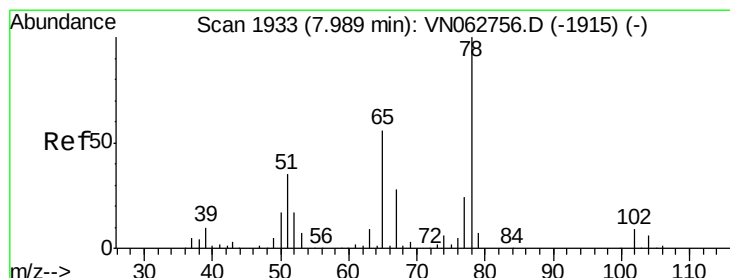
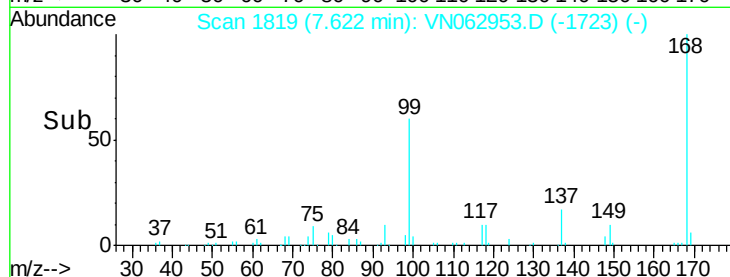
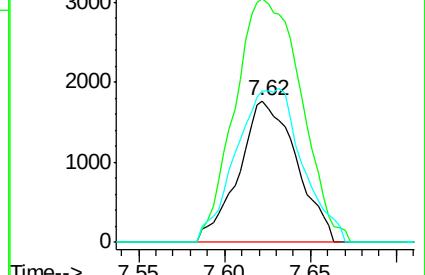
84 107.4 66.8 100.2#



Abundance Ion 56.00 (55.70 to 56.70): VN062756.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062756.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062756.D (-1795) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.656 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062953.D

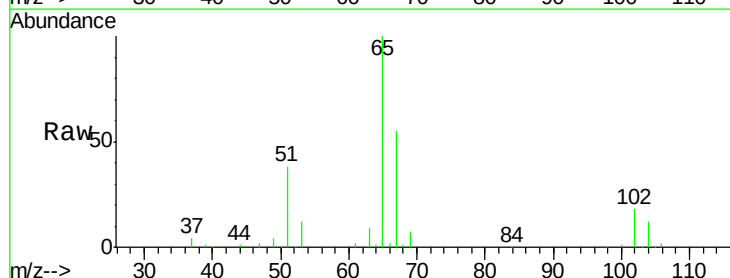
Acq: 14 Aug 2020 23:22

Tgt Ion: 65 Resp: 150606

Ion Ratio Lower Upper

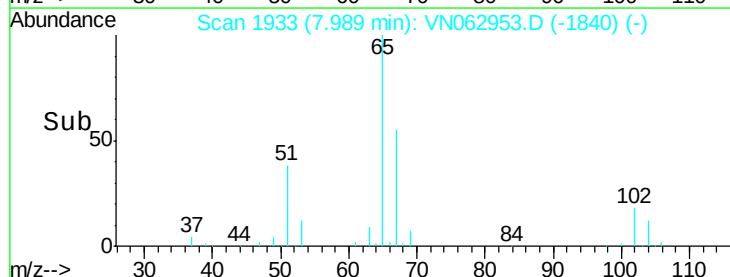
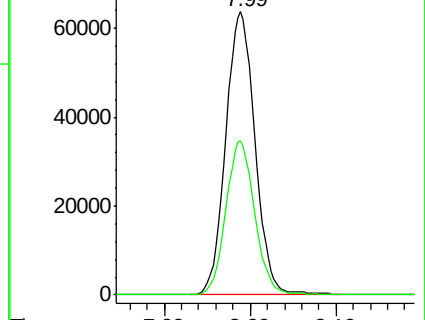
65 100

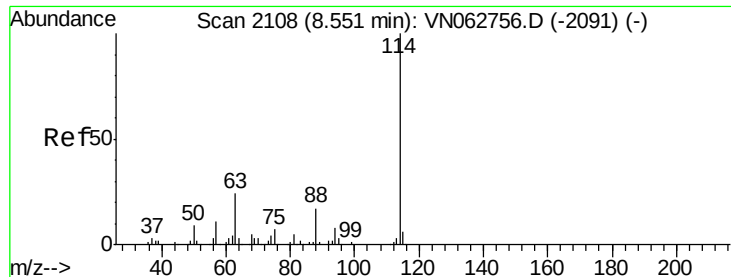
67 53.4 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062756.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062756.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: VN062953.D

Acq: 14 Aug 2020 23:22

Instrument :

MSVOA_N

ClientSampleId :

EB-01-081320-SO

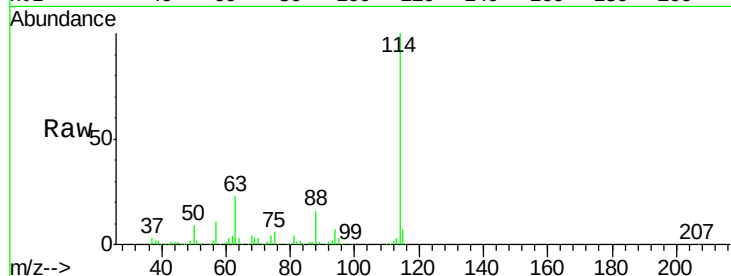
Tgt Ion:114 Resp: 344445

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.6

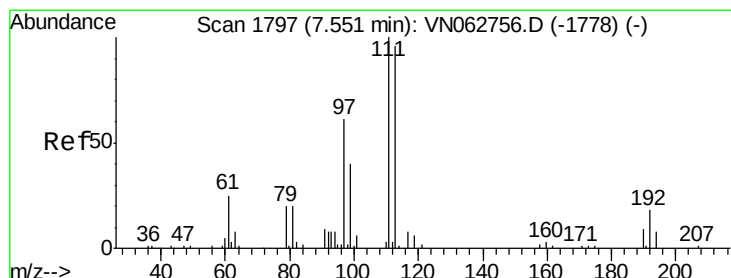
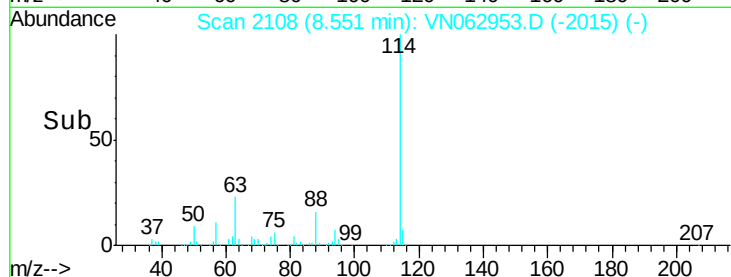
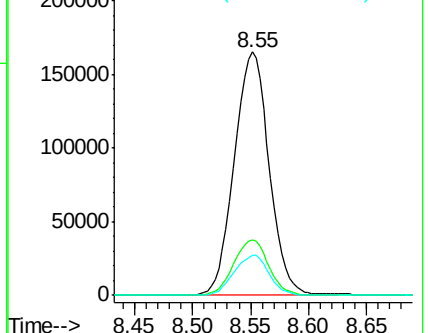
88 16.3 0.0 34.4



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: 50.124 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062953.D

Acq: 14 Aug 2020 23:22

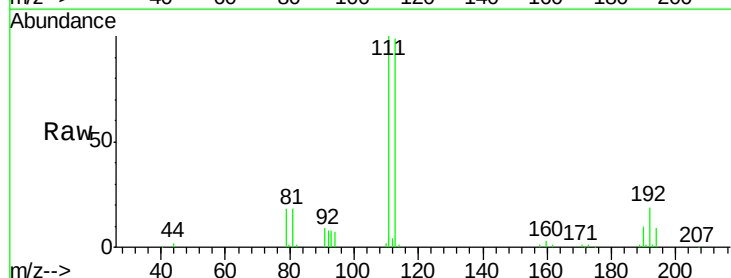
Tgt Ion:113 Resp: 118102

Ion Ratio Lower Upper

113 100

111 100.4 81.8 122.6

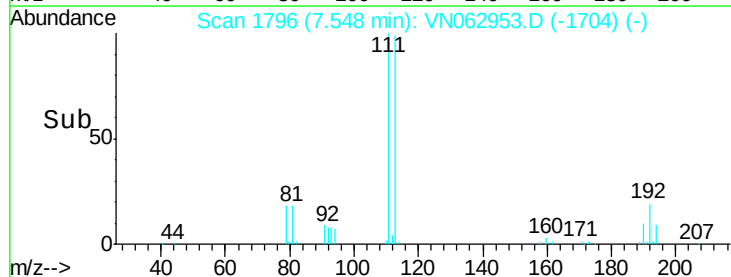
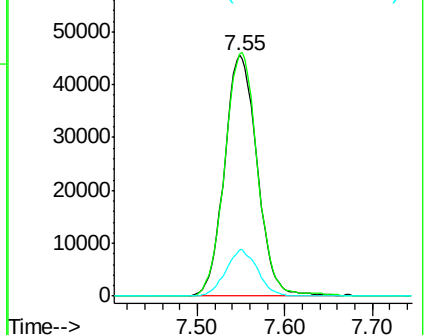
192 18.7 15.0 22.4

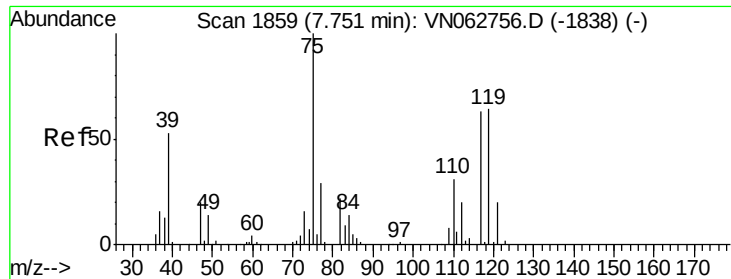


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

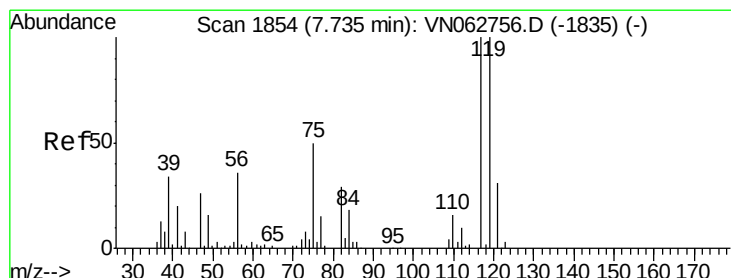
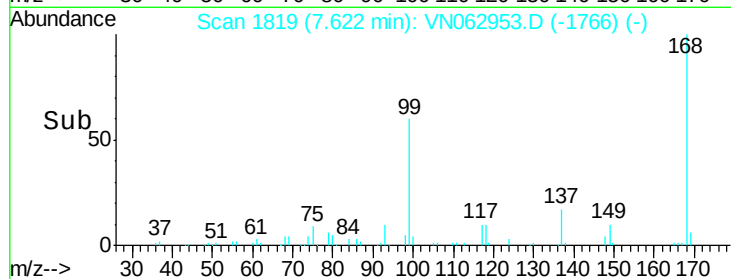
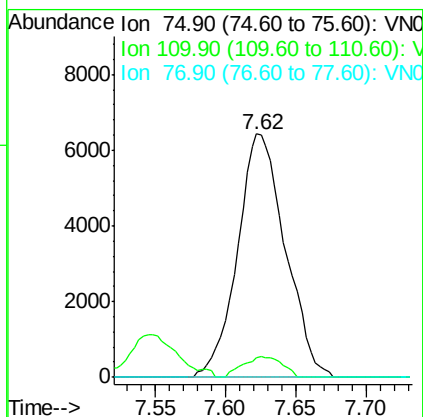
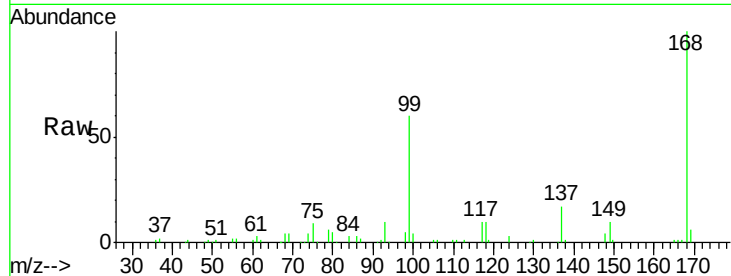




#36
 1,1-Dichloropropene
 Concen: 4.527 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062953.D
 Acq: 14 Aug 2020 23:22

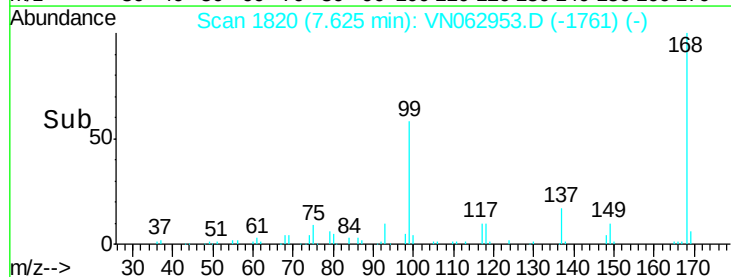
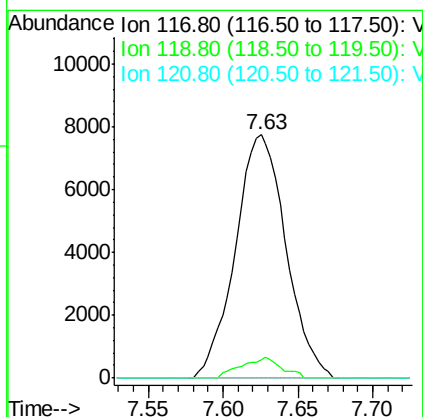
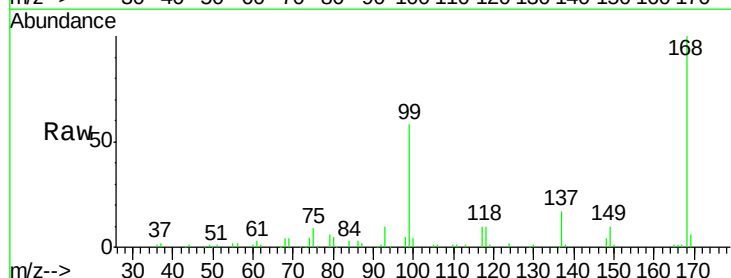
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-081320-SO

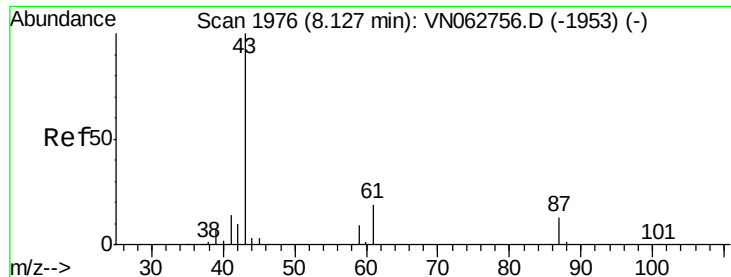
Tgt Ion: 75 Resp: 15182
 Ion Ratio Lower Upper
 75 100
 110 7.1 15.6 46.7#
 77 0.0 24.1 36.1#



#38
 Carbon Tetrachloride
 Concen: 4.594 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062953.D
 Acq: 14 Aug 2020 23:22

Tgt Ion: 117 Resp: 18223
 Ion Ratio Lower Upper
 117 100
 119 7.7 79.4 119.2#
 121 0.0 24.9 37.3#





#43

Isopropyl Acetate

Concen: 4.052 ug/l

RT: 8.22 min Scan# 2006

Delta R.T. 0.10 min

Lab File: VN062953.D

Acq: 14 Aug 2020 23:22

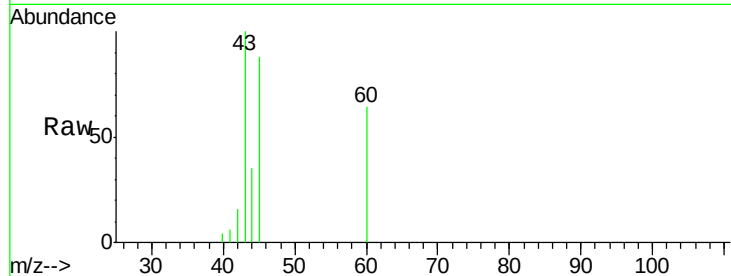
Instrument :

MSVOA_N

ClientSampleId :

EB-01-081320-SO

Tgt Ion:	43	Resp:	23681
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.8	23.6#
87	0.0	9.9	14.9#

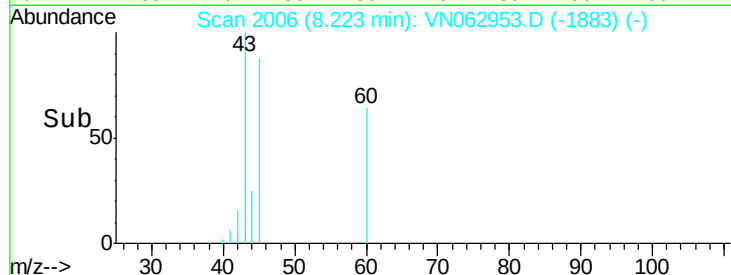


Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)

Time-->



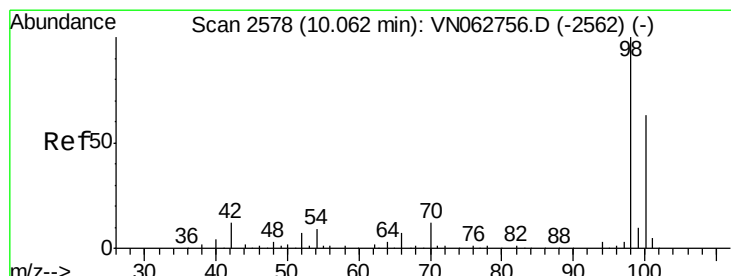
Abundance

Ion 43.00 (42.70 to 43.70): VN062953.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062953.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062953.D (-1883) (-)

Time-->



#50

Toluene-d8

Concen: 46.814 ug/l

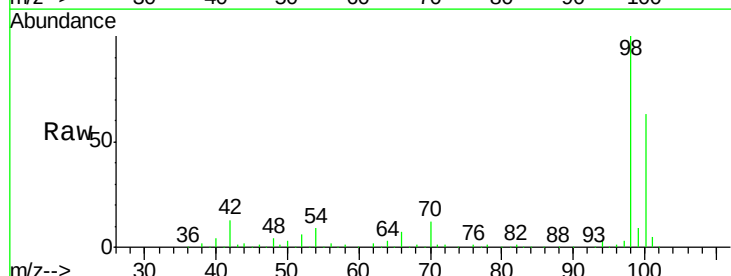
RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062953.D

Acq: 14 Aug 2020 23:22

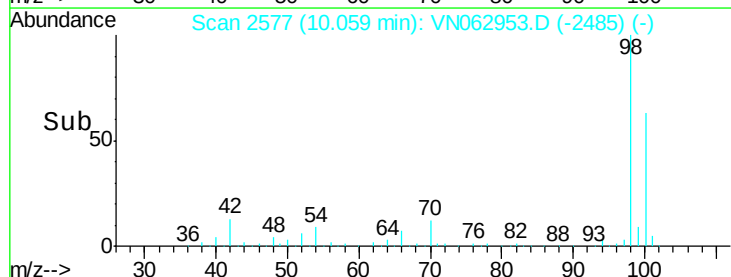
Tgt Ion:	98	Resp:	430628
Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)

Time-->

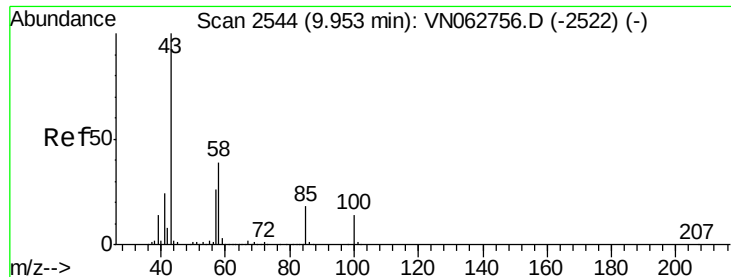


Abundance

Ion 98.00 (97.70 to 98.70): VN062953.D (-2485) (-)

Ion 100.00 (99.70 to 100.70): VN062953.D (-2485) (-)

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.234 ug/l

RT: 9.96 min Scan# 2546

Delta R.T. 0.01 min

Lab File: VN062953.D

Acq: 14 Aug 2020 23:22

Instrument :

MSVOA_N

ClientSampleId :

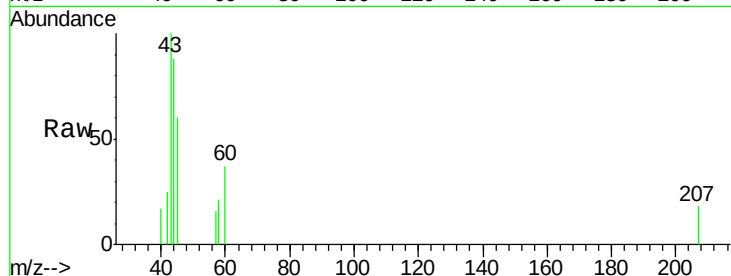
EB-01-081320-SO

Tgt Ion: 43 Resp: 883

Ion Ratio Lower Upper

43 100

58 0.0 31.1 46.7#

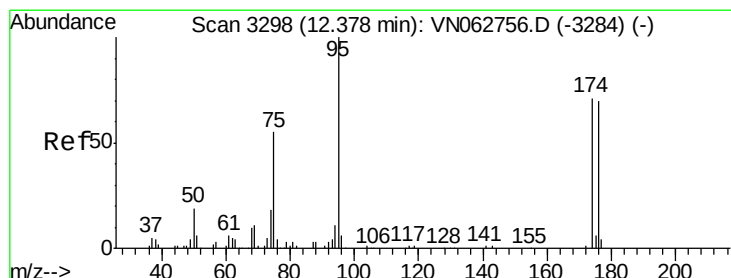
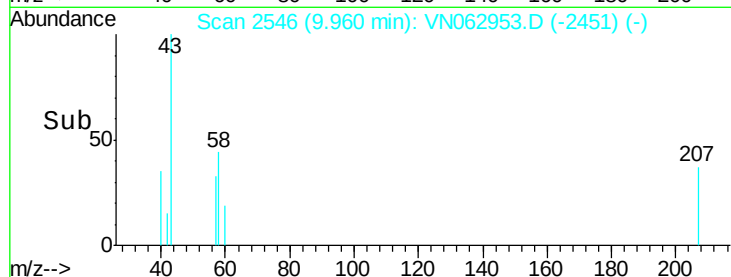


Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-2522) (-)

Time-->

9.90 9.95 10.00



#62

4-Bromofluorobenzene

Concen: 42.362 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062953.D

Acq: 14 Aug 2020 23:22

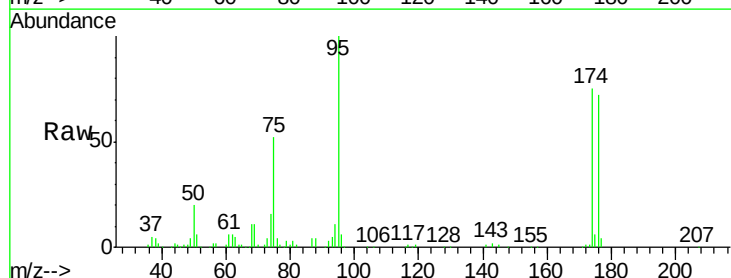
Tgt Ion: 95 Resp: 147259

Ion Ratio Lower Upper

95 100

174 76.2 0.0 144.8

176 73.0 0.0 142.2



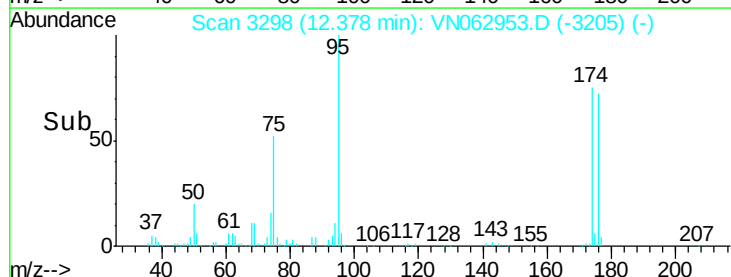
Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

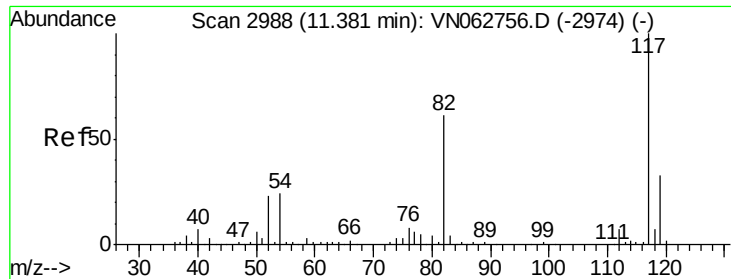
Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

Time-->

12.30 12.40

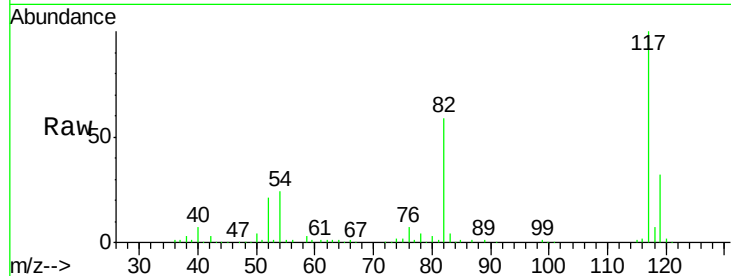




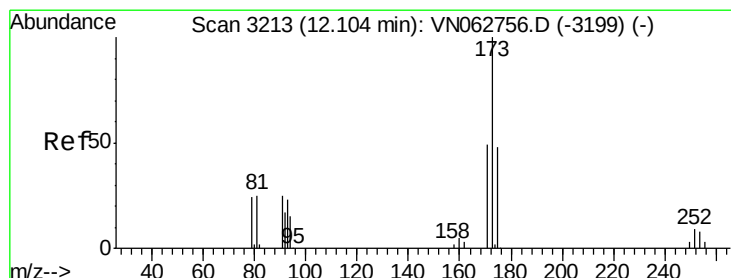
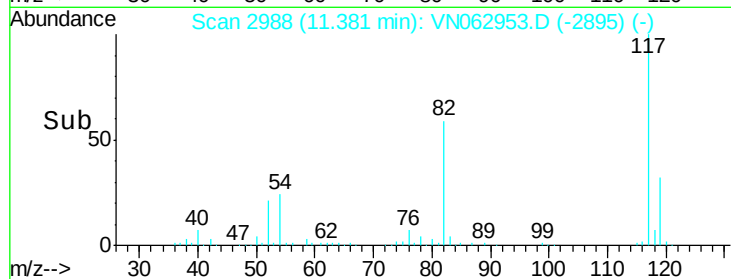
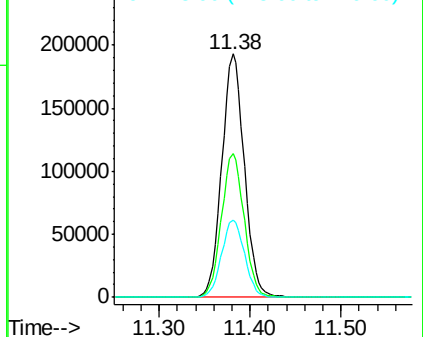
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062953.D
Acq: 14 Aug 2020 23:22

Instrument :
MSVOA_N
ClientSampleId :
EB-01-081320-SO

Tgt Ion:117 Resp: 332163
Ion Ratio Lower Upper
117 100
82 59.3 49.0 73.4
119 31.9 26.2 39.2

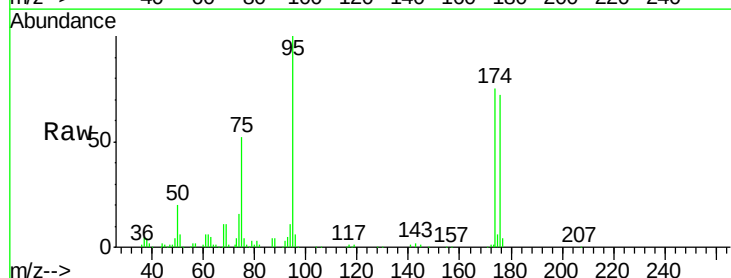


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

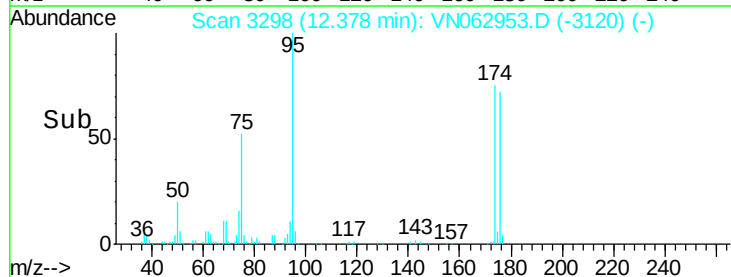
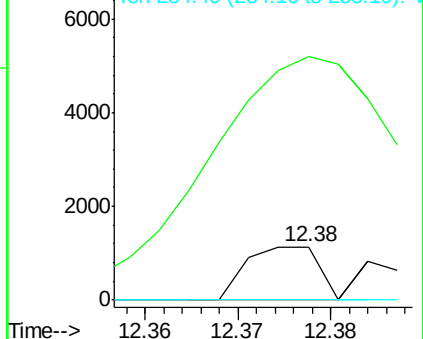


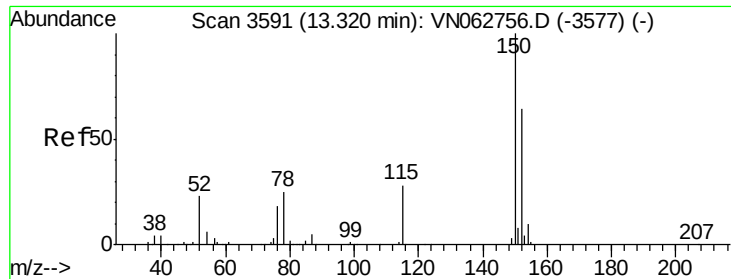
#71
Bromoform
Concen: 0.268 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.27 min
Lab File: VN062953.D
Acq: 14 Aug 2020 23:22

Tgt Ion:173 Resp: 611
Ion Ratio Lower Upper
173 100
175 1214.2 24.0 72.0#
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

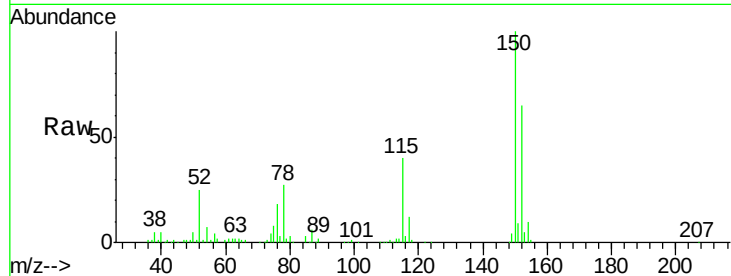




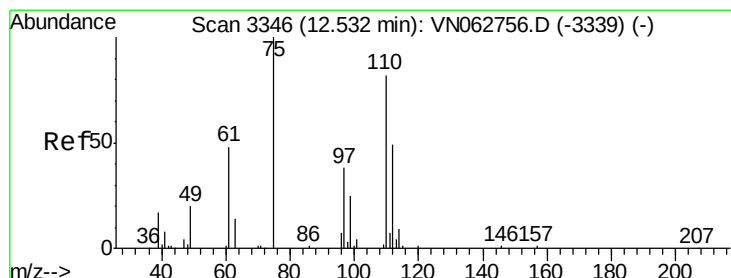
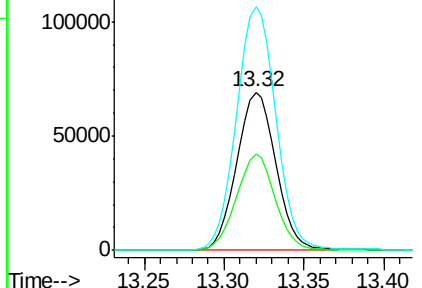
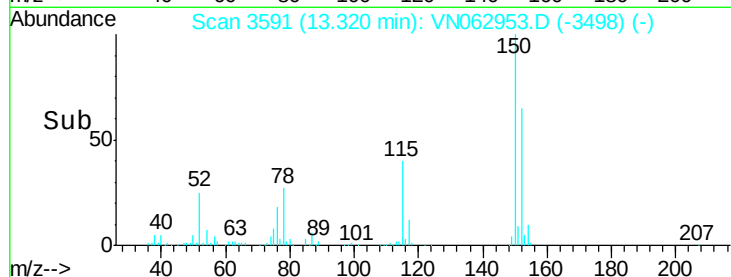
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VN062953.D
 Acq: 14 Aug 2020 23:22

Instrument :
 MSVOA_N
 ClientSampled :
 EB-01-081320-SO

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.6	94.8
150	155.5	0.0	349.2

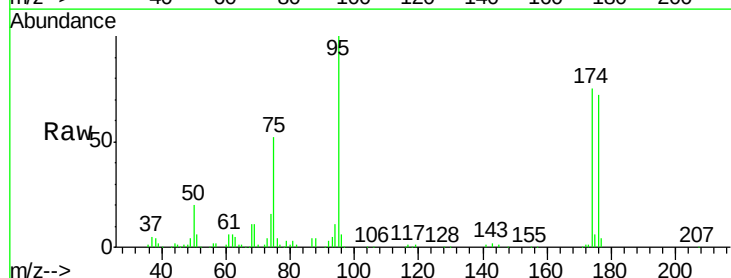


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

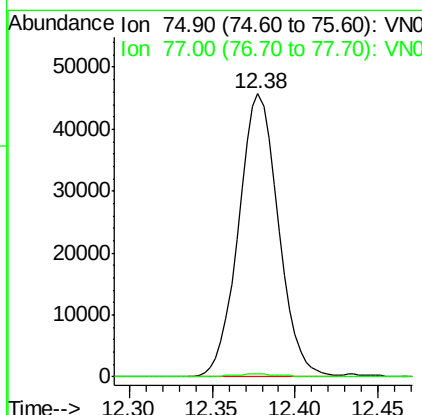
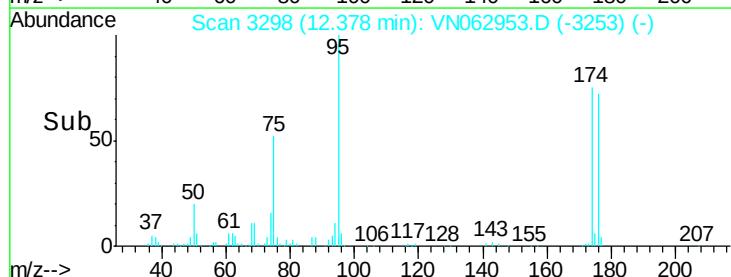


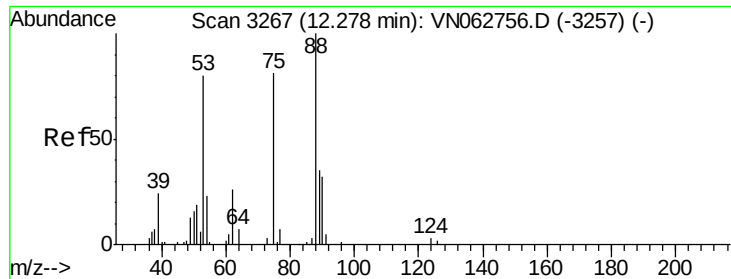
#76
 1,2,3-Trichloropropane
 Concen: 24.708 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062953.D
 Acq: 14 Aug 2020 23:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	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: 75.427 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062953.D

Acq: 14 Aug 2020 23:22

Instrument :

MSVOA_N

ClientSampleId :

EB-01-081320-SO

Tgt Ion: 75 Resp: 76714

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

89 0.0 36.2 54.2#

