

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081120\
 Data File : VN062827.D
 Acq On : 11 Aug 2020 13:52
 Operator : JC/MD
 Sample : L3624-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-TP-1

Quant Time: Aug 11 14:51:09 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	138134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	225845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80257	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	113364	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
35) Dibromofluoromethane	7.55	113	83128	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
50) Toluene-d8	10.06	98	308803	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.38	95	102181	41.71	ug/l	0.00
Spiked Amount			Recovery	=	83.42%	

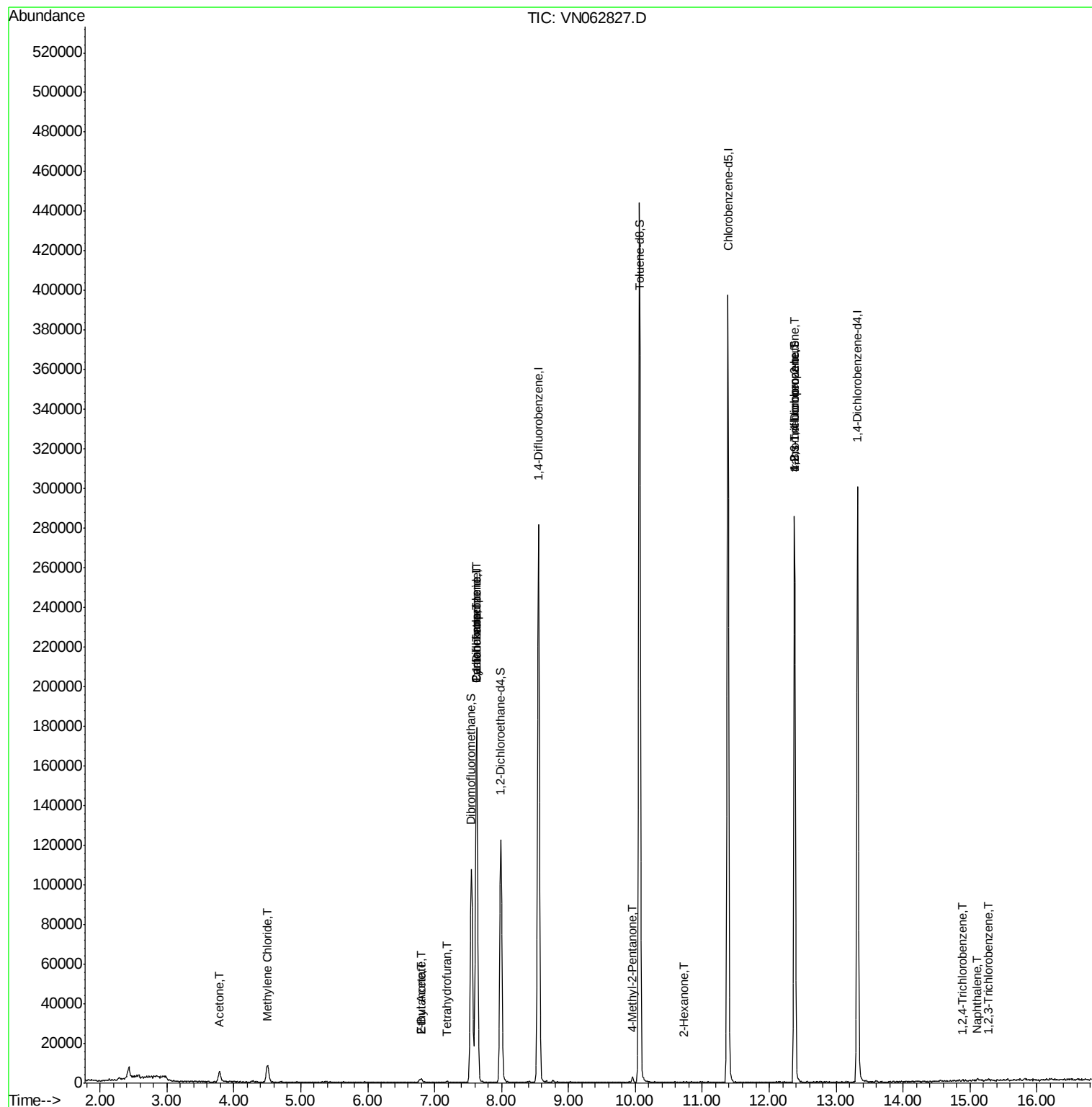
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	9534	11.551	ug/l	93
17) Carbon Disulfide	4.01	76	542	Below Cal	#	74
18) Methyl Acetate	4.29	43	1416	Below Cal	#	66
20) Methylene Chloride	4.50	84	6812	3.807	ug/l	89
25) 2-Butanone	6.80	43	1780	1.523	ug/l #	49
29) Tetrahydrofuran	7.18	42	308	0.406	ug/l #	50
31) Cyclohexane	7.63	56	3063	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11478	4.857	ug/l #	48
37) Ethyl Acetate	6.80	43	1780	0.721	ug/l #	70
38) Carbon Tetrachloride	7.63	117	14570	5.213	ug/l #	15
51) 4-Methyl-2-Pentanone	9.96	43	2585	0.970	ug/l #	85
59) 2-Hexanone	10.73	43	405	0.204	ug/l #	25
76) 1,2,3-Trichloropropane	12.38	75	53790	24.852	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	53790	75.865	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	207	3.465	ug/l #	48
95) Naphthalene	15.11	128	1431	4.067	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.28	180	311	2.961	ug/l #	39

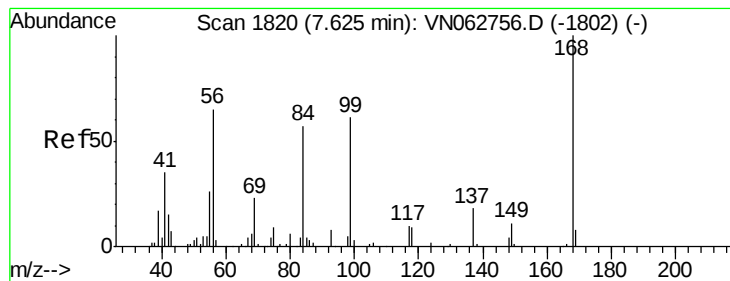
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062827.D

Acq: 11 Aug 2020 13:52

Instrument :

MSVOA_N

ClientSampled :

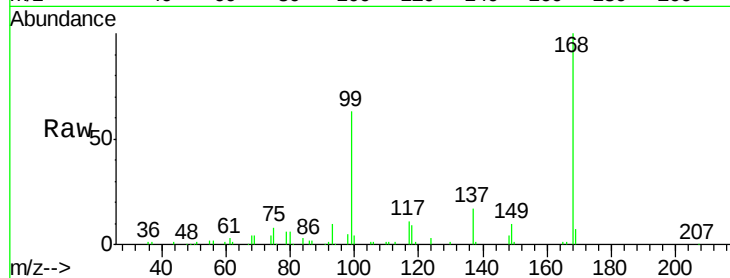
SS-TP-1

Tgt Ion:168 Resp: 138134

Ion Ratio Lower Upper

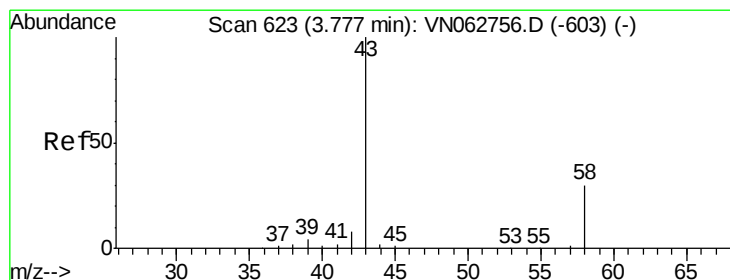
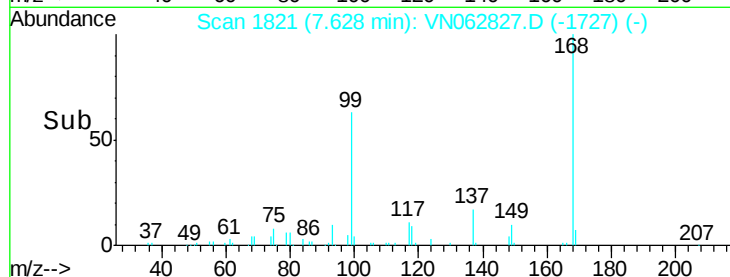
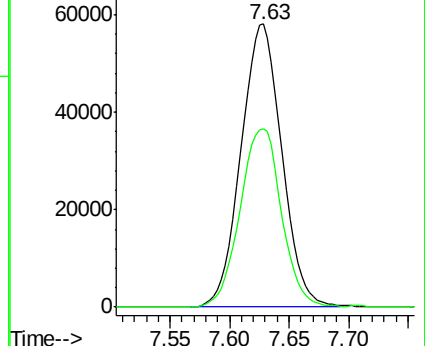
168 100

99 63.1 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: 11.551 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN062827.D

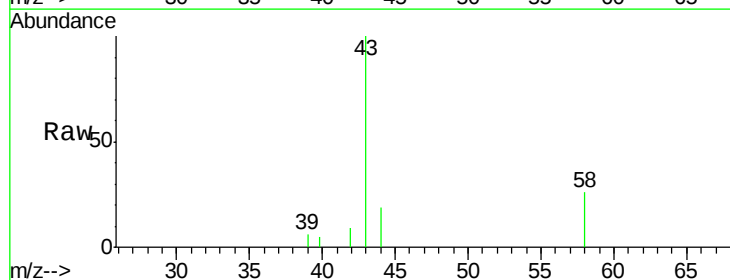
Acq: 11 Aug 2020 13:52

Tgt Ion: 43 Resp: 9534

Ion Ratio Lower Upper

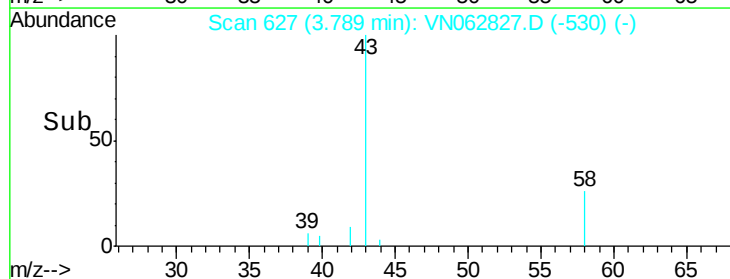
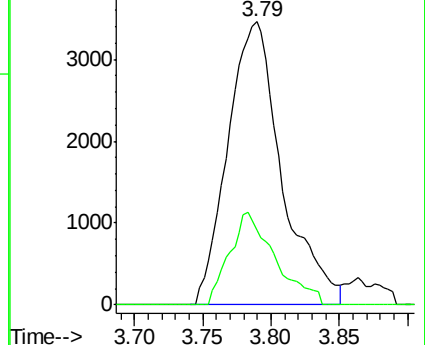
43 100

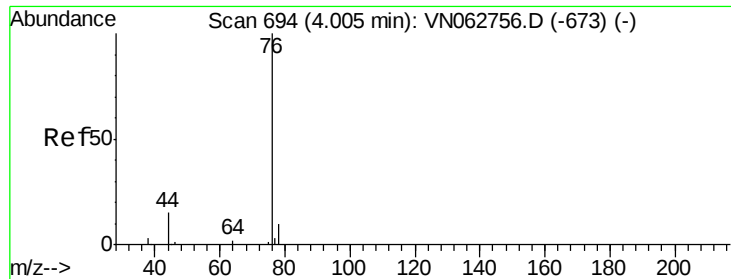
58 26.4 24.1 36.1



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: 4.01 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN062827.D

Acq: 11 Aug 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

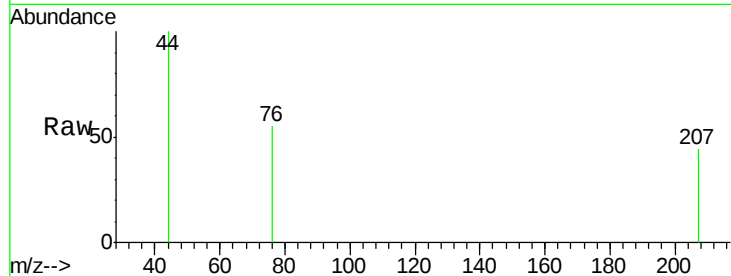
SS-TP-1

Tgt Ion: 76 Resp: 542

Ion Ratio Lower Upper

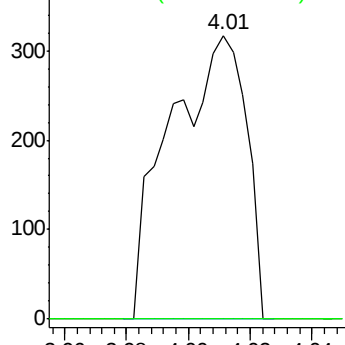
76 100

78 0.0 7.7 11.5#

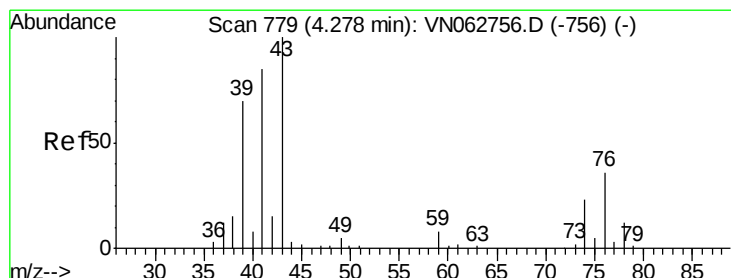
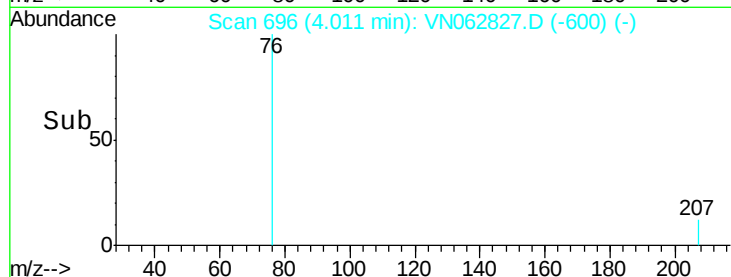


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time--> 3.96 3.98 4.00 4.02 4.04



#18

Methyl Acetate

Concen: Below Cal

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN062827.D

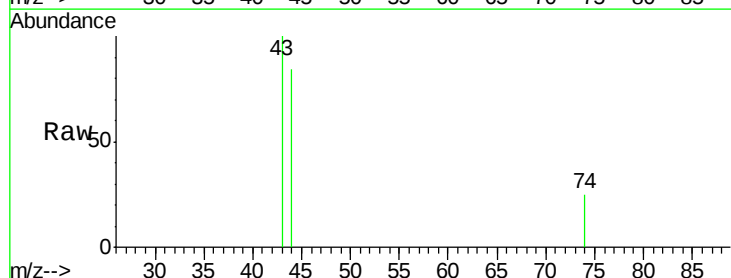
Acq: 11 Aug 2020 13:52

Tgt Ion: 43 Resp: 1416

Ion Ratio Lower Upper

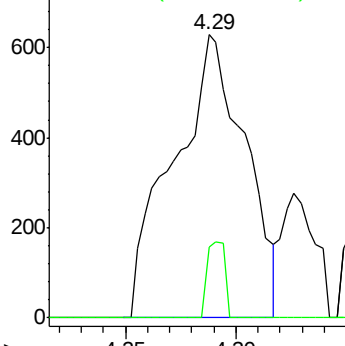
43 100

74 6.7 18.6 28.0#

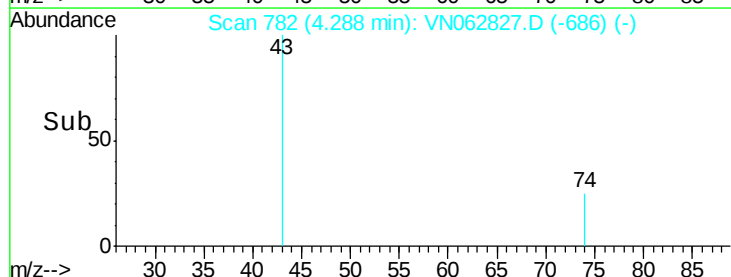


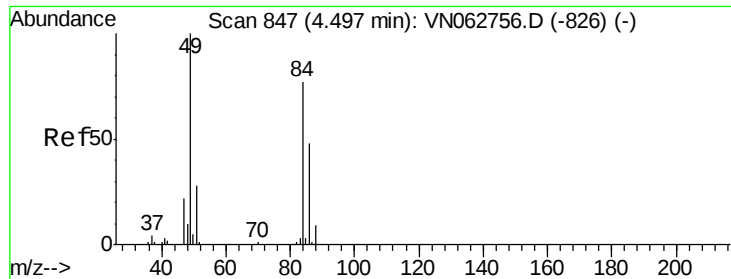
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time--> 4.25 4.30

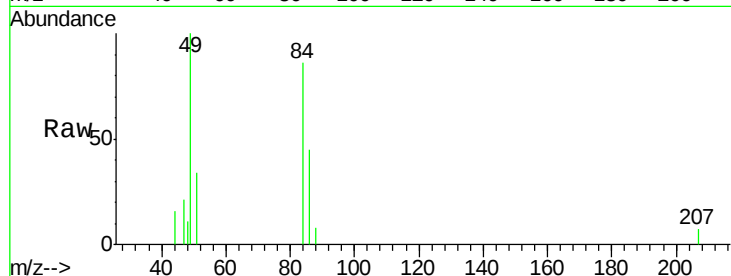




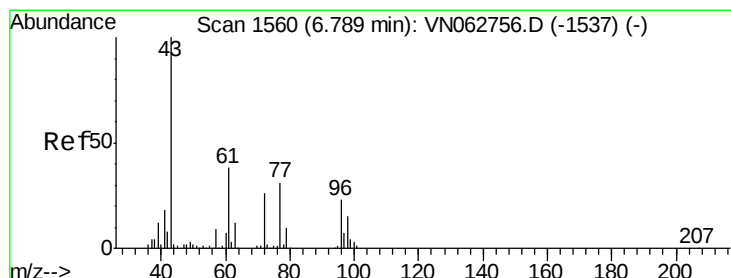
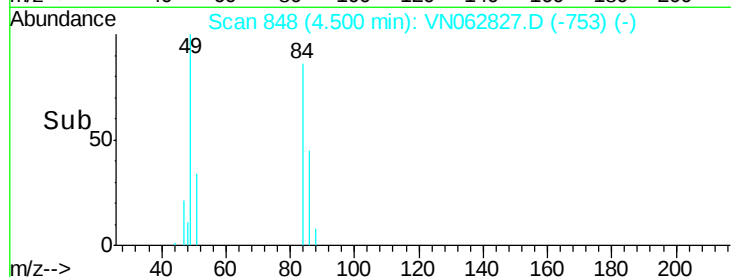
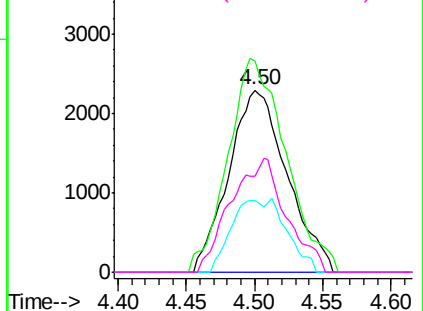
#20
Methylene Chloride
Concen: 3.807 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062827.D
Acq: 11 Aug 2020 13:52

Instrument :
MSVOA_N
ClientSampled :
SS-TP-1

Tgt Ion: 84 Resp: 6812
Ion Ratio Lower Upper
84 100
49 116.3 103.4 155.2
51 39.7 29.3 43.9
86 52.9 49.9 74.9

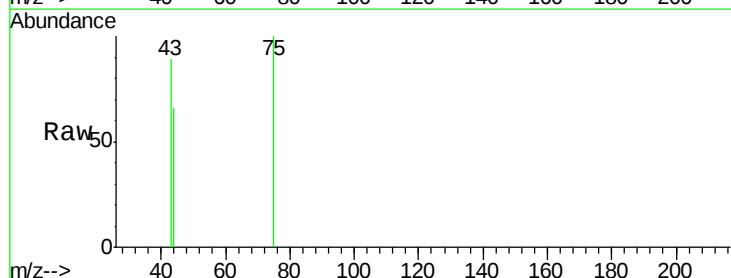


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

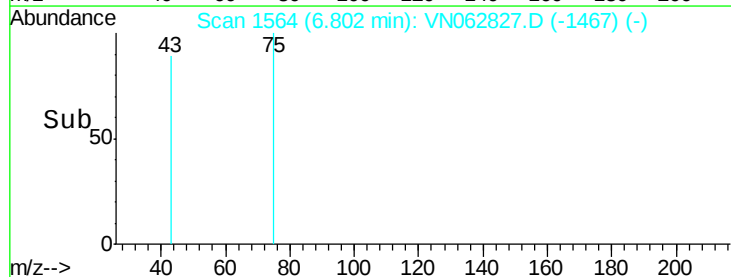
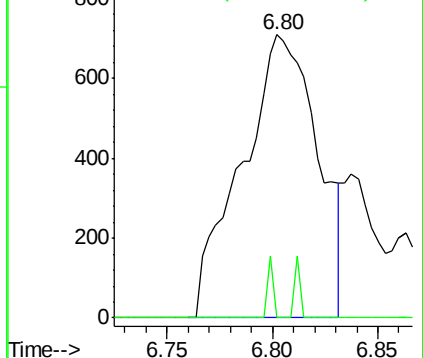


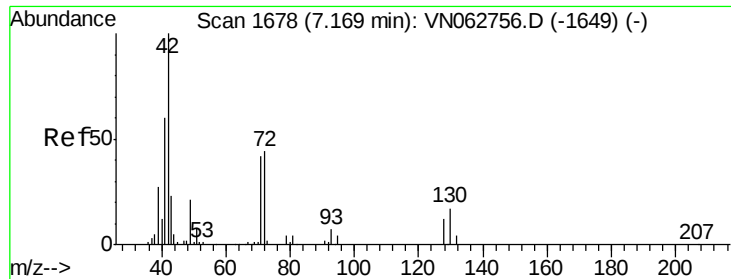
#25
2-Butanone
Concen: 1.523 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN062827.D
Acq: 11 Aug 2020 13:52

Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.406 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VN062827.D

Acq: 11 Aug 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

SS-TP-1

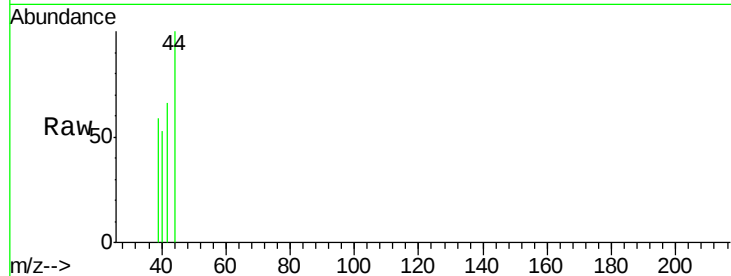
Tgt Ion: 42 Resp: 308

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.4#

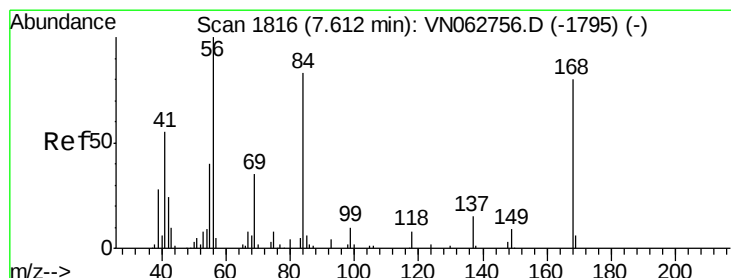
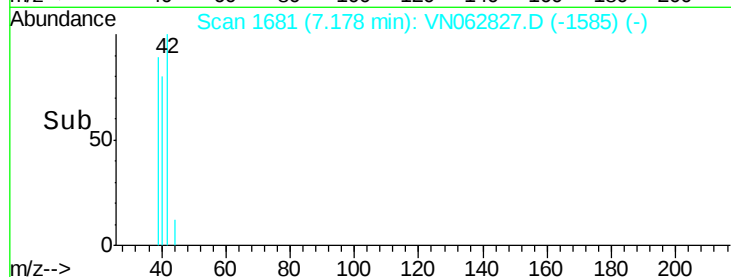
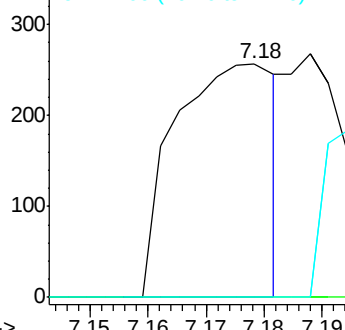
71 22.1 33.2 49.8#



Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO



#31

Cyclohexane

Concen: 1.106 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.02 min

Lab File: VN062827.D

Acq: 11 Aug 2020 13:52

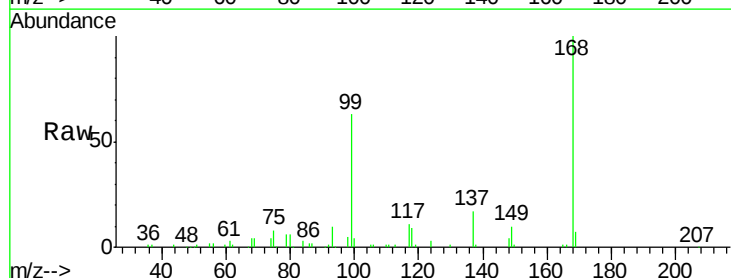
Tgt Ion: 56 Resp: 3063

Ion Ratio Lower Upper

56 100

69 198.7 28.1 42.1#

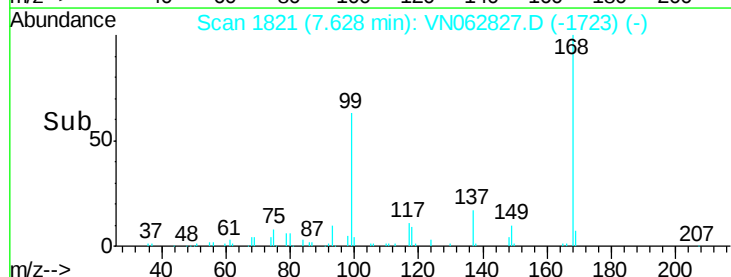
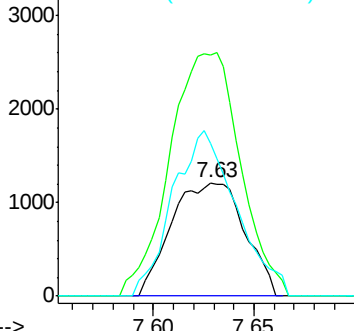
84 134.6 66.8 100.2#

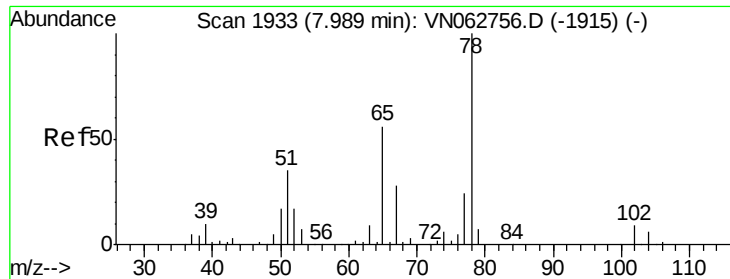


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

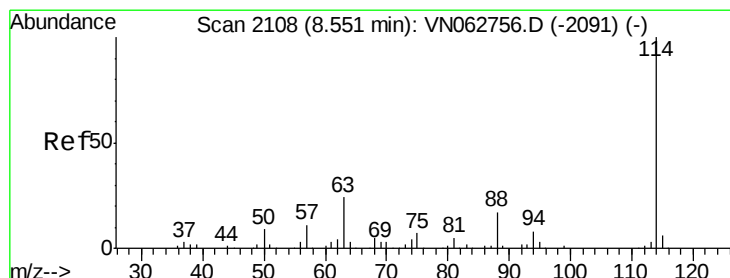
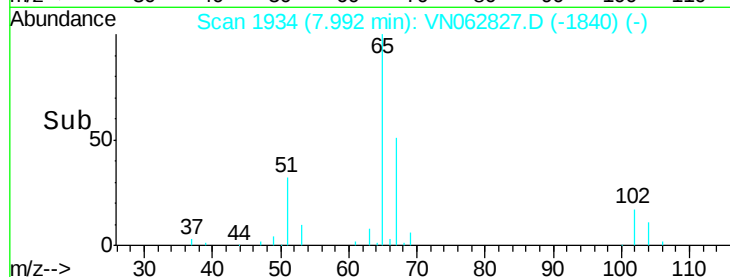
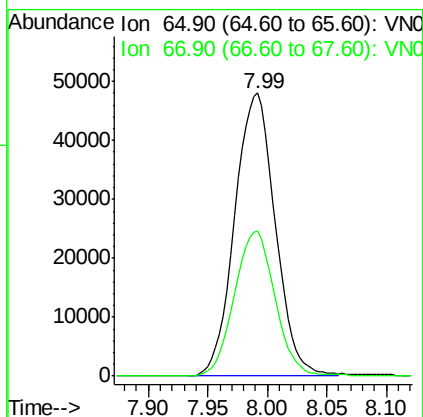
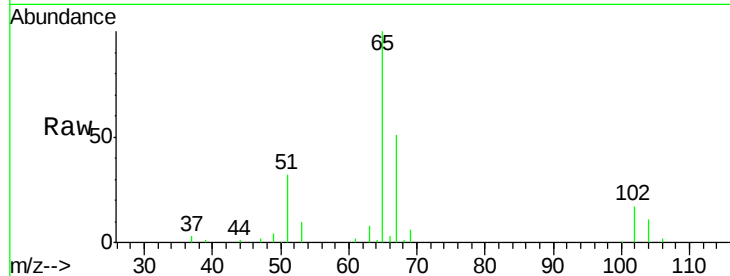




#33
 1,2-Dichloroethane-d4
 Concen: 49.627 ug/l
 RT: 7.99 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: VN062827.D
 Acq: 11 Aug 2020 13:52

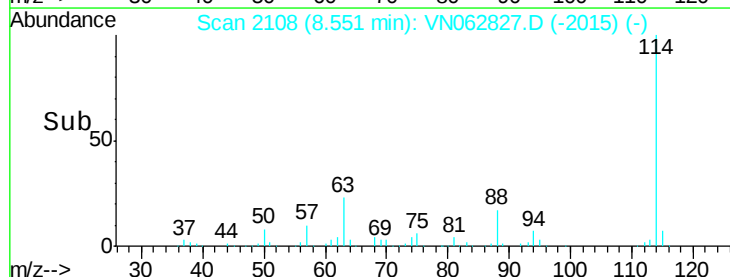
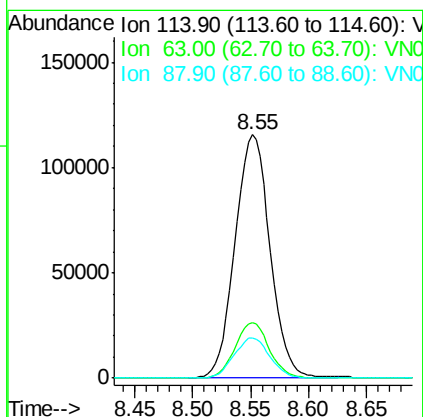
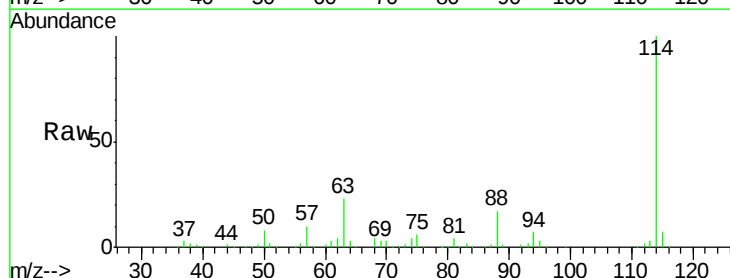
Instrument :
 MSVOA_N
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 SS-TP-1

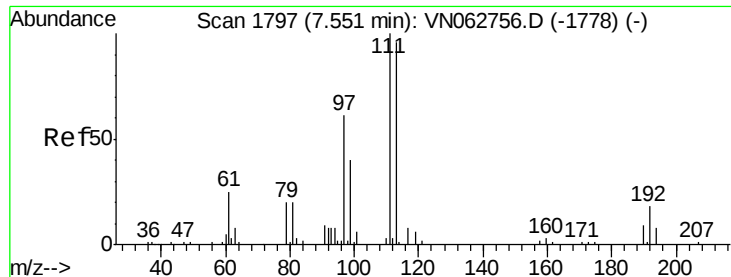
Tgt Ion: 65 Resp: 113364
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062827.D
 Acq: 11 Aug 2020 13:52

Tgt Ion: 114 Resp: 242715
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.6
 88 16.6 0.0 34.4

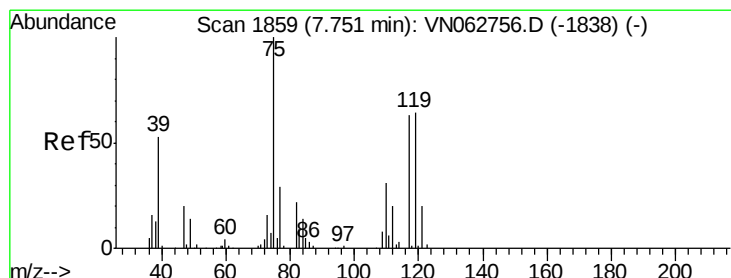
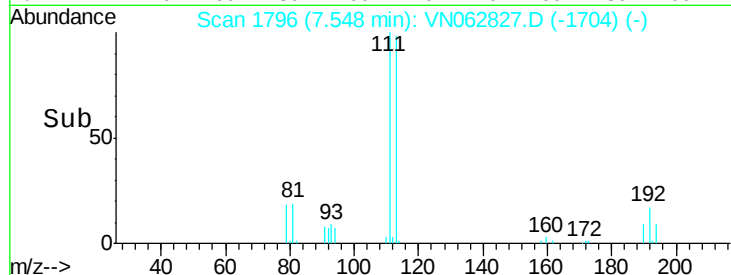
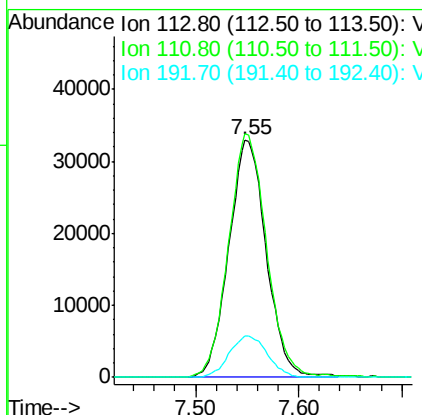
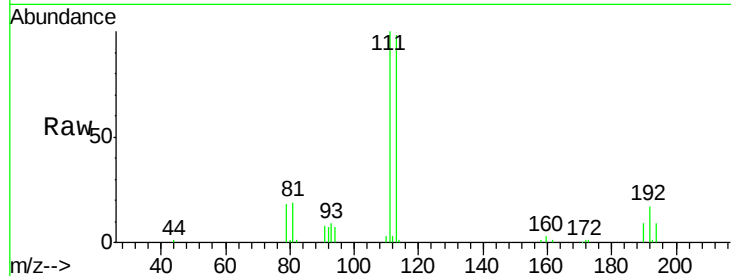




#35
 Dibromofluoromethane
 Concen: 50.068 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062827.D
 Acq: 11 Aug 2020 13:52

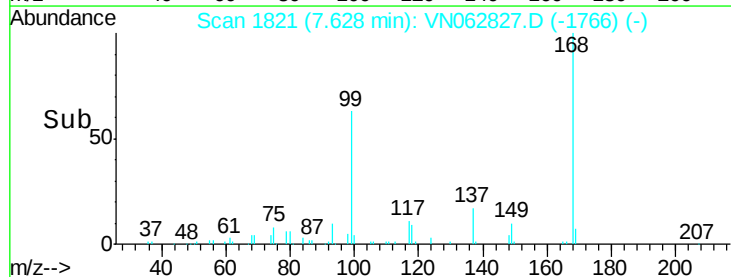
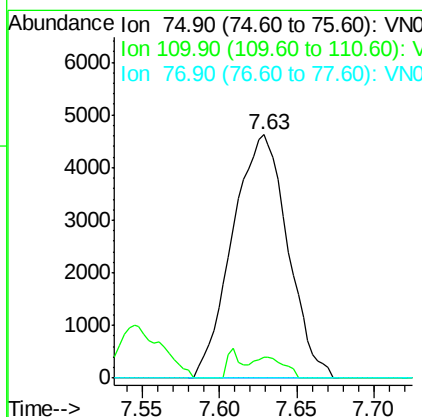
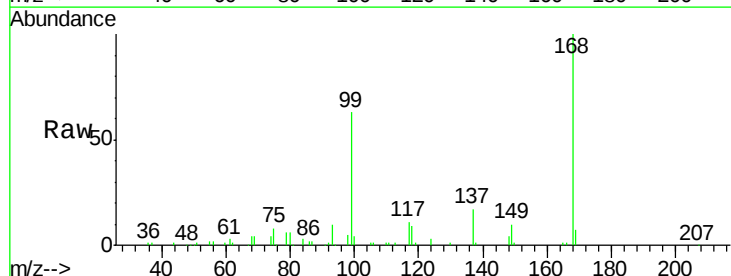
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-TP-1

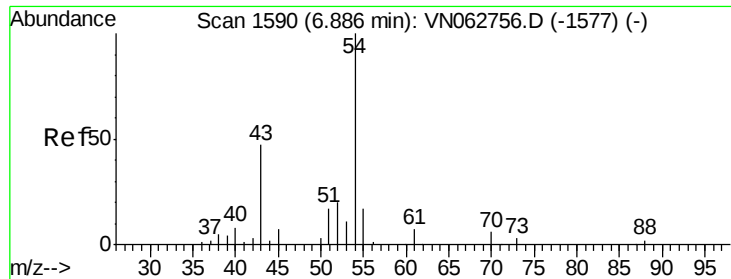
Tgt Ion: 113 Resp: 83128
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.6
 192 17.7 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.857 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN062827.D
 Acq: 11 Aug 2020 13:52

Tgt Ion: 75 Resp: 11478
 Ion Ratio Lower Upper
 75 100
 110 4.7 15.6 46.7#
 77 0.0 24.1 36.1#

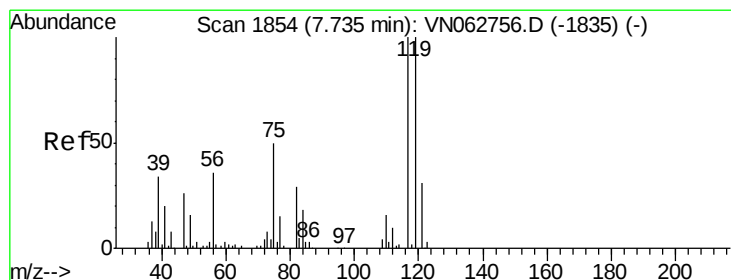
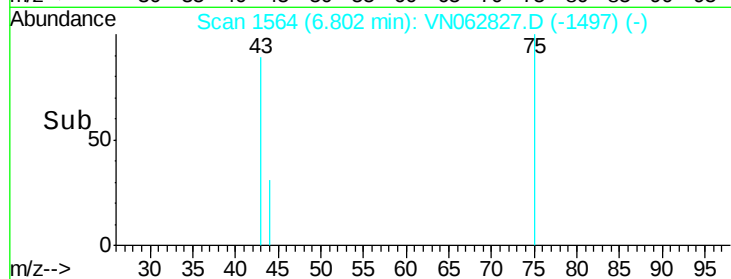
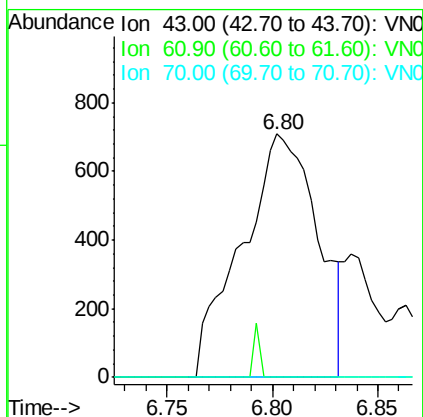
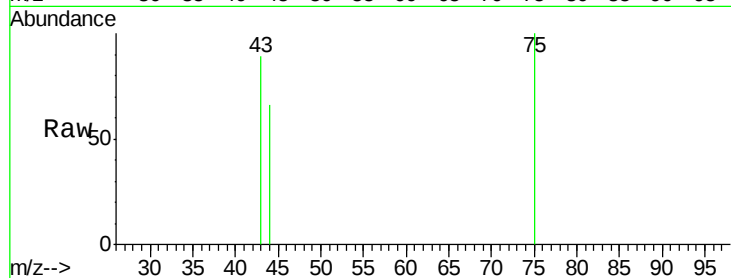




#37
 Ethyl Acetate
 Concen: 0.721 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.08 min
 Lab File: VN062827.D
 Acq: 11 Aug 2020 13:52

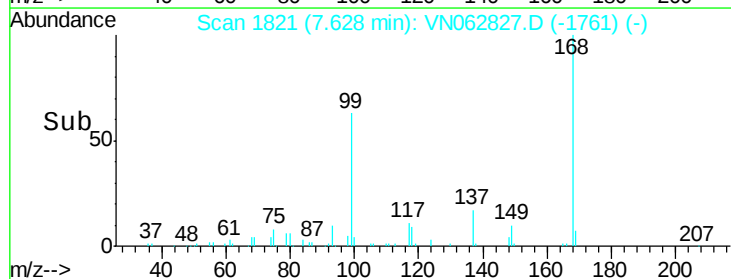
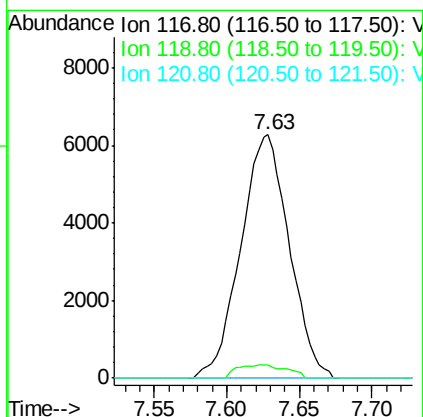
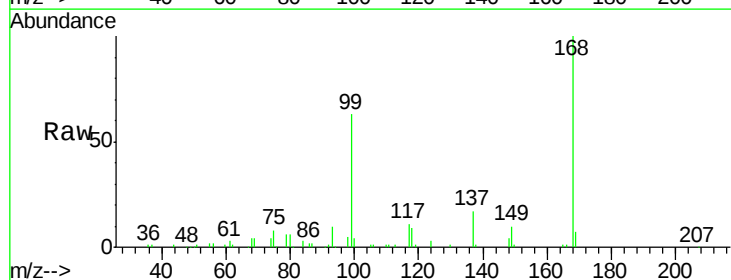
Instrument :
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 ClientSampleId :
 SS-TP-1

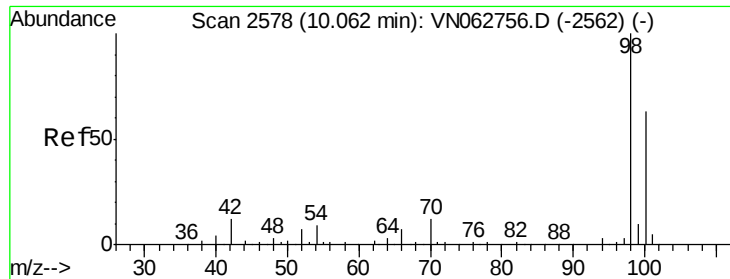
Tgt Ion: 43 Resp: 1780
 Ion Ratio Lower Upper
 43 100
 61 1.7 12.1 18.1#
 70 0.0 8.3 12.5#



#38
 Carbon Tetrachloride
 Concen: 5.213 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.11 min
 Lab File: VN062827.D
 Acq: 11 Aug 2020 13:52

Tgt Ion: 117 Resp: 14570
 Ion Ratio Lower Upper
 117 100
 119 5.2 79.4 119.2#
 121 0.0 24.9 37.3#

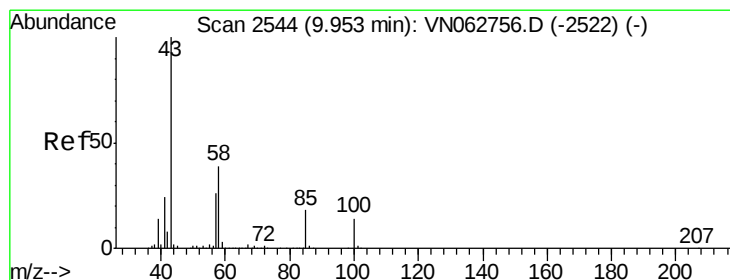
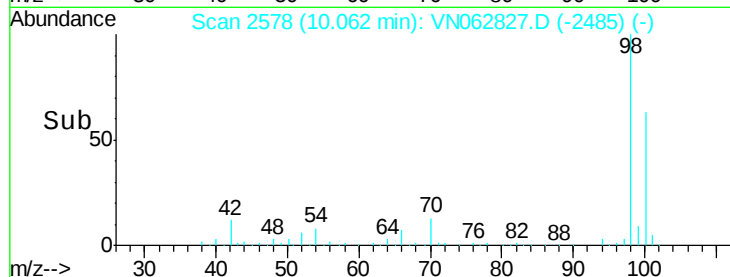
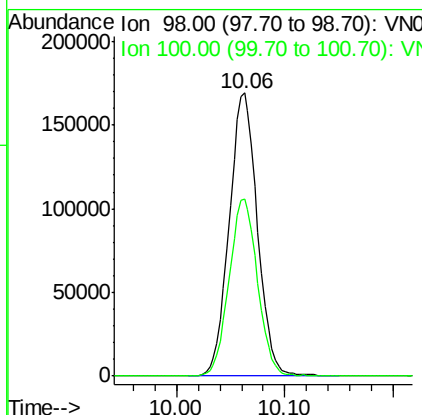
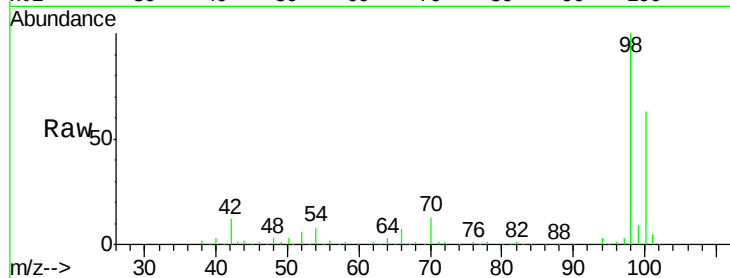




#50
Toluene-d8
Concen: 47.640 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062827.D
Acq: 11 Aug 2020 13:52

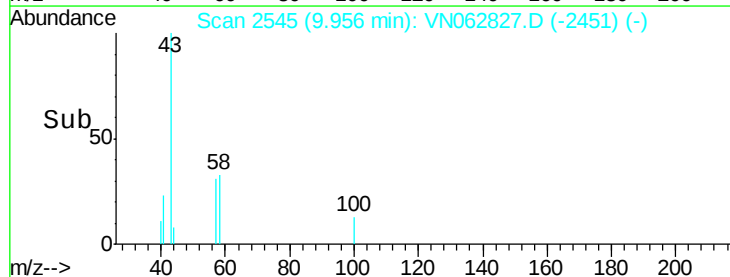
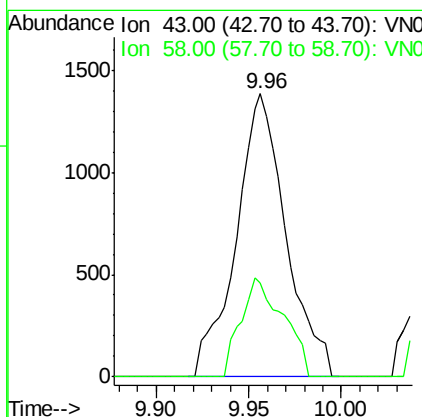
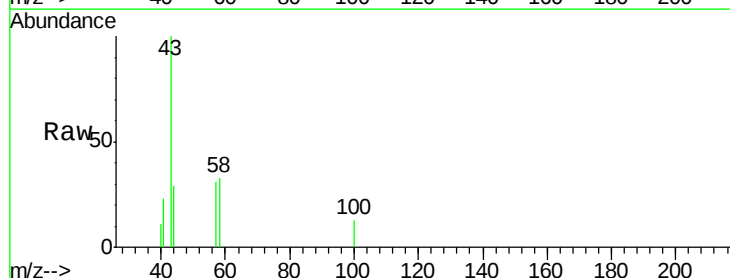
Instrument :
MSVOA_N
ClientSampled :
SS-TP-1

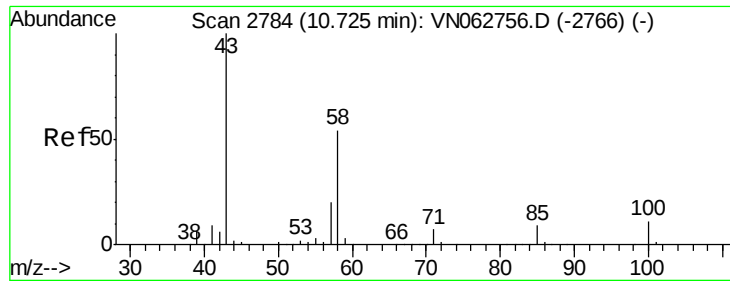
Tgt Ion: 98 Resp: 308803
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.970 ug/l
RT: 9.96 min Scan# 2545
Delta R.T. 0.00 min
Lab File: VN062827.D
Acq: 11 Aug 2020 13:52

Tgt Ion: 43 Resp: 2585
Ion Ratio Lower Upper
43 100
58 29.7 31.1 46.7#





#59

2-Hexanone

Concen: 0.204 ug/l

RT: 10.73 min Scan# 2787

Delta R.T. 0.01 min

Lab File: VN062827.D

Acq: 11 Aug 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

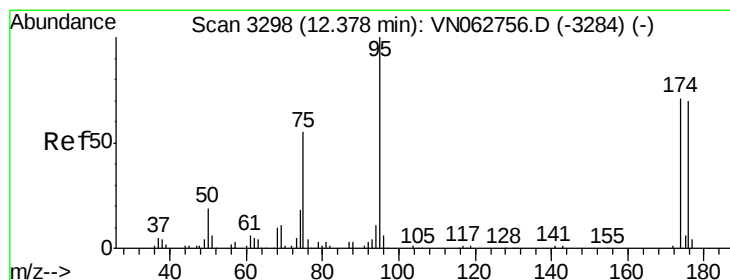
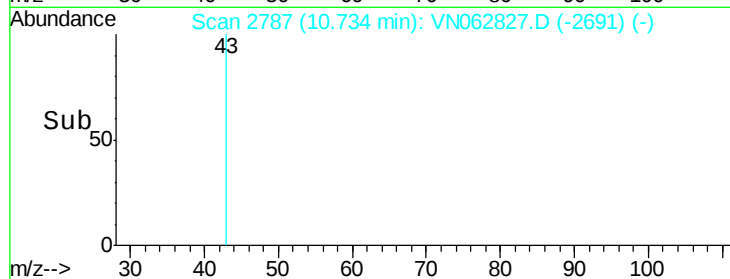
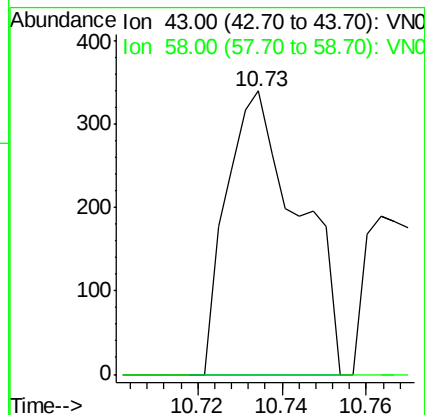
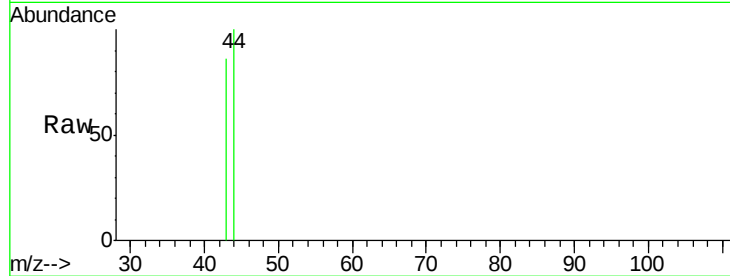
SS-TP-1

Tgt Ion: 43 Resp: 405

Ion Ratio Lower Upper

43 100

58 0.0 26.7 80.1#



#62

4-Bromofluorobenzene

Concen: 41.714 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062827.D

Acq: 11 Aug 2020 13:52

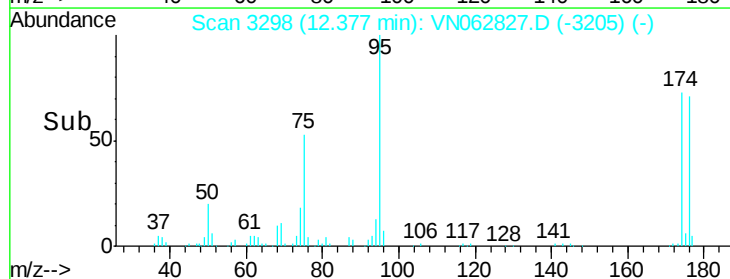
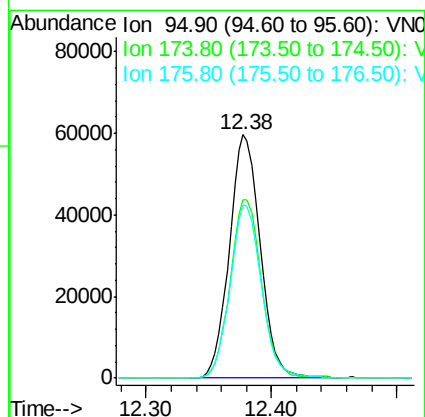
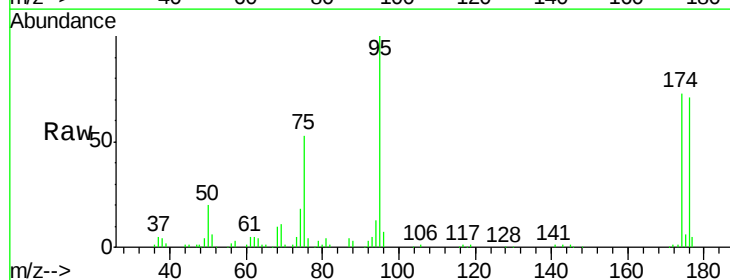
Tgt Ion: 95 Resp: 102181

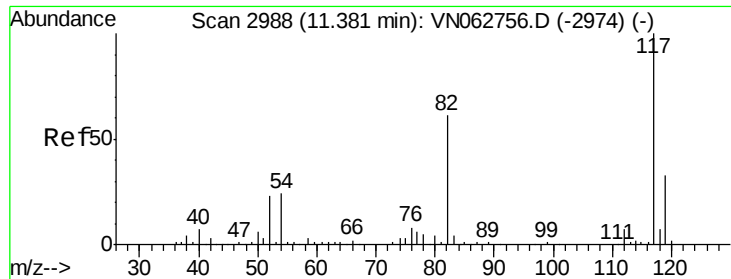
Ion Ratio Lower Upper

95 100

174 74.5 0.0 144.8

176 72.0 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062827.D

Acq: 11 Aug 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

SS-TP-1

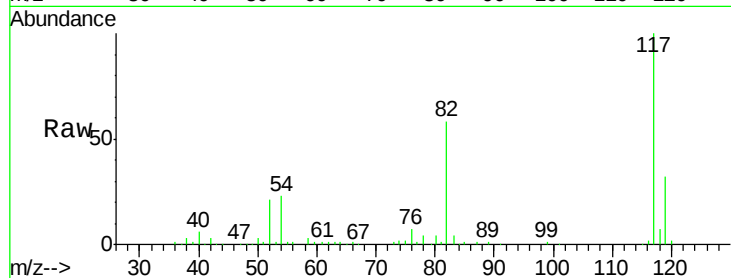
Tgt Ion:117 Resp: 225845

Ion Ratio Lower Upper

117 100

82 58.5 49.0 73.4

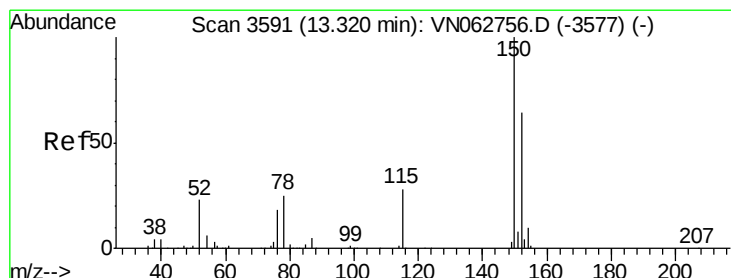
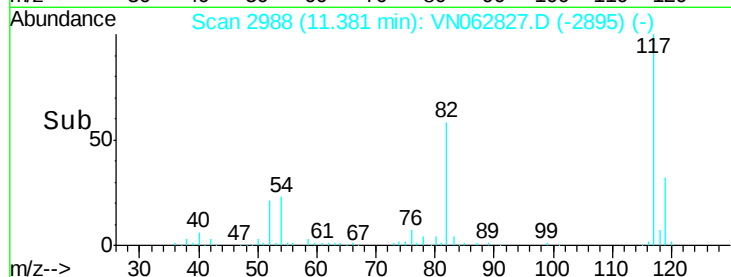
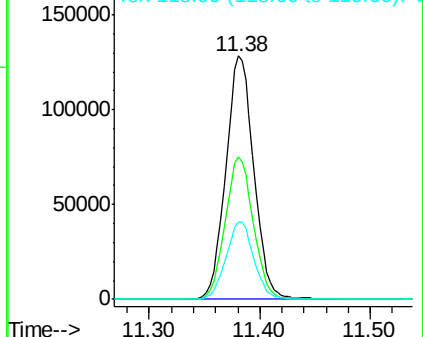
119 31.8 26.2 39.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062827.D

Acq: 11 Aug 2020 13:52

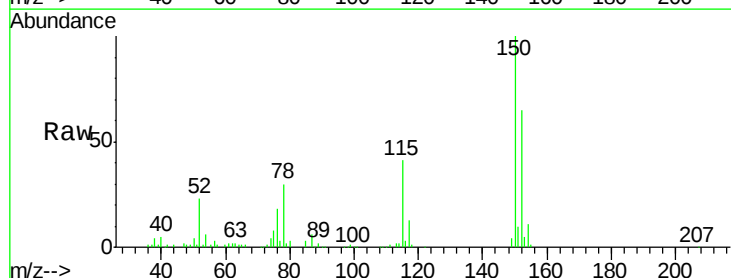
Tgt Ion:152 Resp: 80257

Ion Ratio Lower Upper

152 100

115 64.3 31.6 94.8

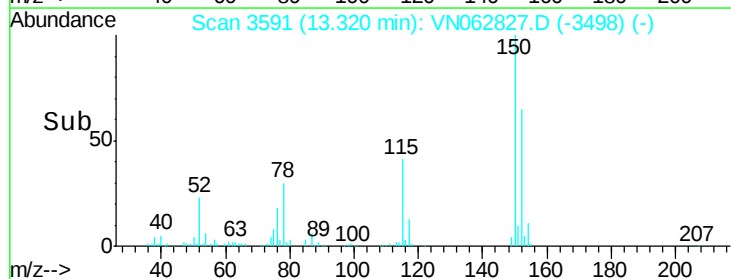
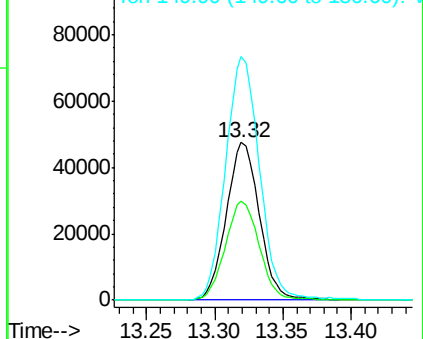
150 157.6 0.0 349.2

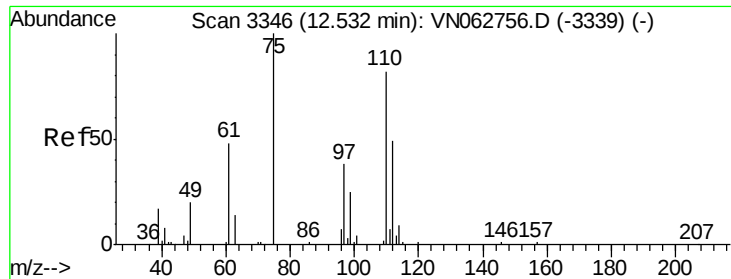


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

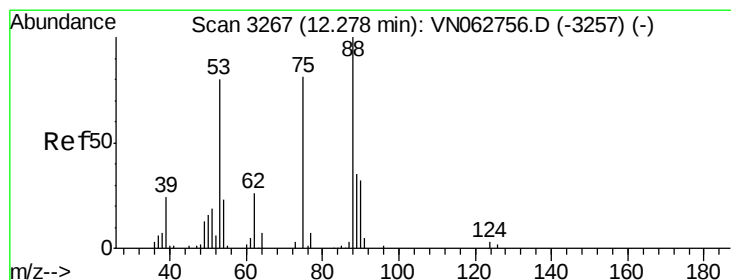
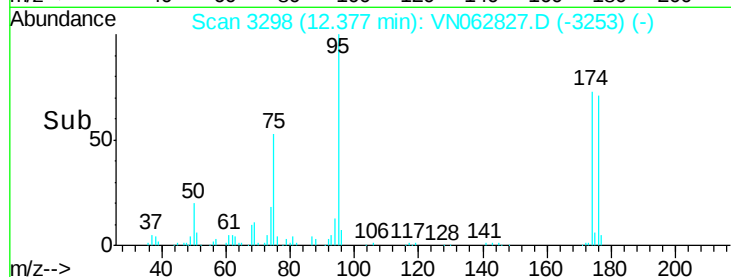
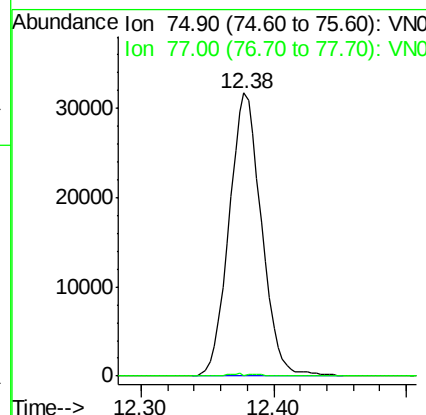
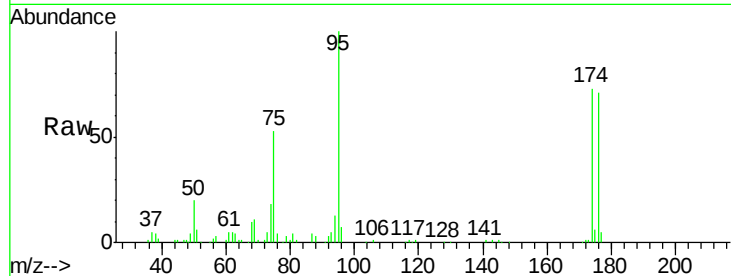




#76
 1,2,3-Trichloropropane
 Concen: 24.852 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062827.D
 Acq: 11 Aug 2020 13:52

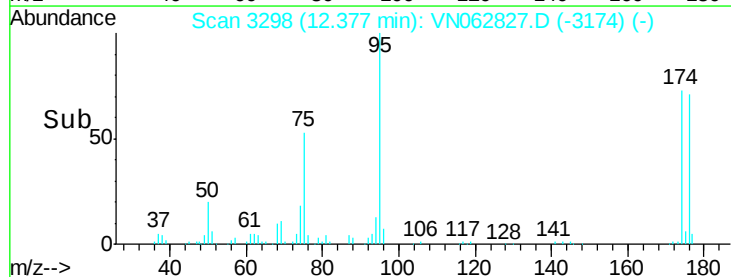
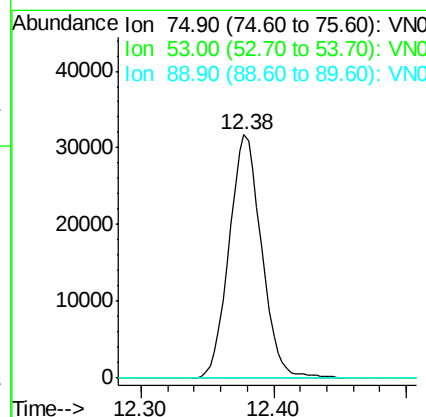
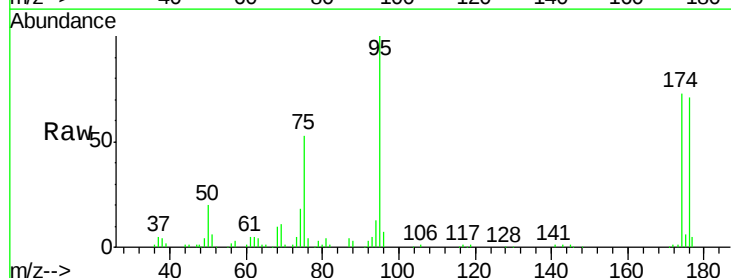
Instrument :
 MSVOA_N
 ClientSampled :
 SS-TP-1

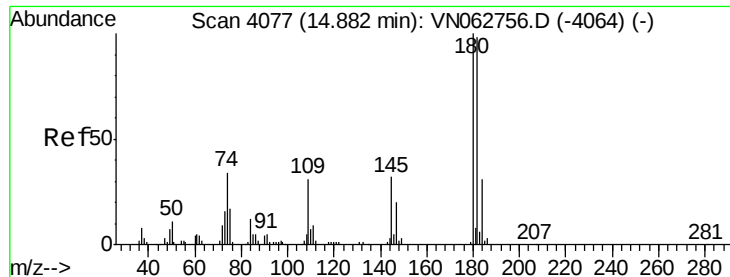
Tgt Ion: 75 Resp: 53790
 Ion Ratio Lower Upper
 75 100
 77 0.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.865 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062827.D
 Acq: 11 Aug 2020 13:52

Tgt Ion: 75 Resp: 53790
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.0 36.2 54.2#

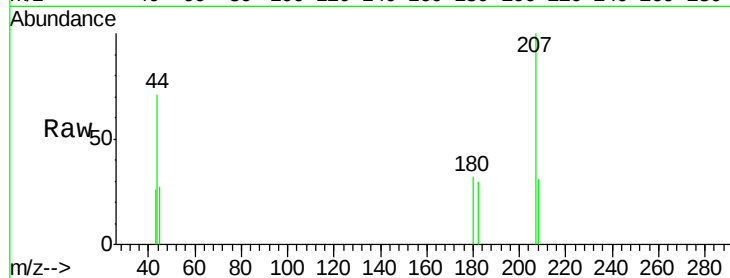




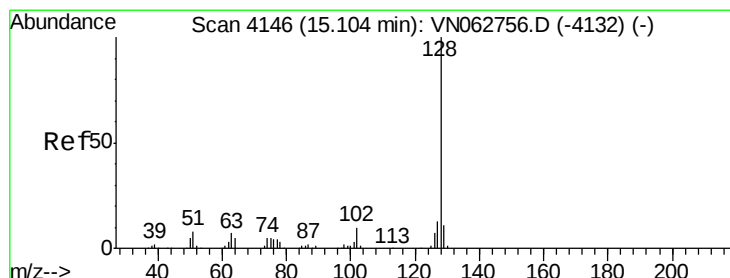
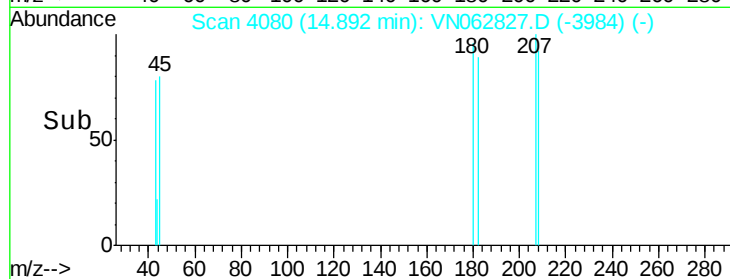
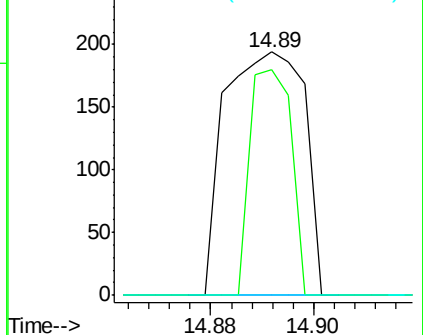
#93
 1,2,4-Trichlorobenzene
 Concen: 3.465 ug/l
 RT: 14.89 min Scan# 4080
 Delta R.T. 0.01 min
 Lab File: VN062827.D
 Acq: 11 Aug 2020 13:52

Instrument :
 MSVOA_N
 ClientSampled :
 SS-TP-1

Tgt Ion:180 Resp: 207
 Ion Ratio Lower Upper
 180 100
 182 48.3 49.1 147.4#
 145 0.0 16.3 48.8#

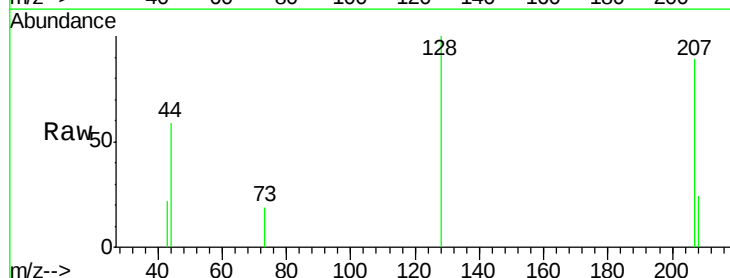


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

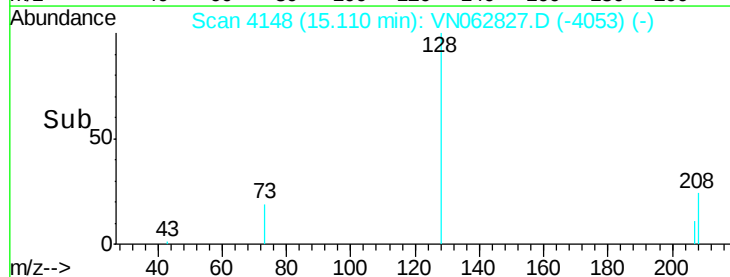
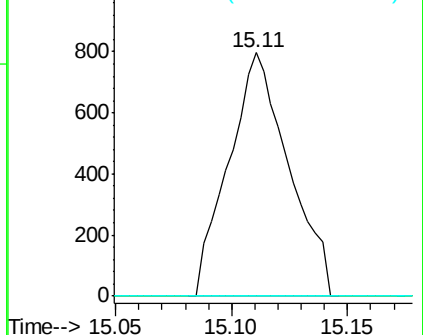


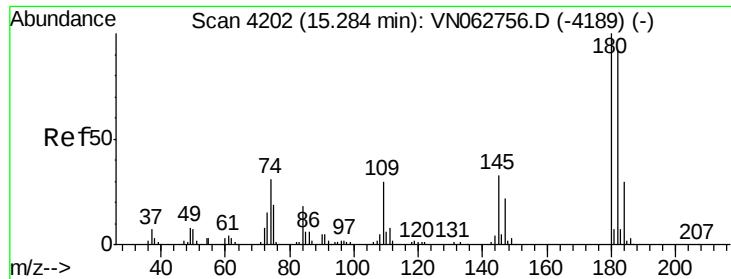
#95
 Naphthalene
 Concen: 4.067 ug/l
 RT: 15.11 min Scan# 4148
 Delta R.T. 0.01 min
 Lab File: VN062827.D
 Acq: 11 Aug 2020 13:52

Tgt Ion:128 Resp: 1431
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.961 ug/l
 RT: 15.28 min Scan# 4201
 Delta R.T. -0.00 min
 Lab File: VN062827.D
 Acq: 11 Aug 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-TP-1

Tgt Ion	Ratio	Lower	Upper
180	100		
182	36.0	47.9	143.6#
145	0.0	17.3	51.7#

