

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062895.D
 Acq On : 13 Aug 2020 7:34
 Operator : JC/MD
 Sample : L3648-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BS-STOCK-6

Quant Time: Aug 13 07:58:11 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	151102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	267874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	274827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104141	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	127544	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.08%		
35) Dibromofluoromethane	7.55	113	93816	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.40%		
50) Toluene-d8	10.06	98	345332	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.54%		
62) 4-Bromofluorobenzene	12.38	95	128421	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.00%		

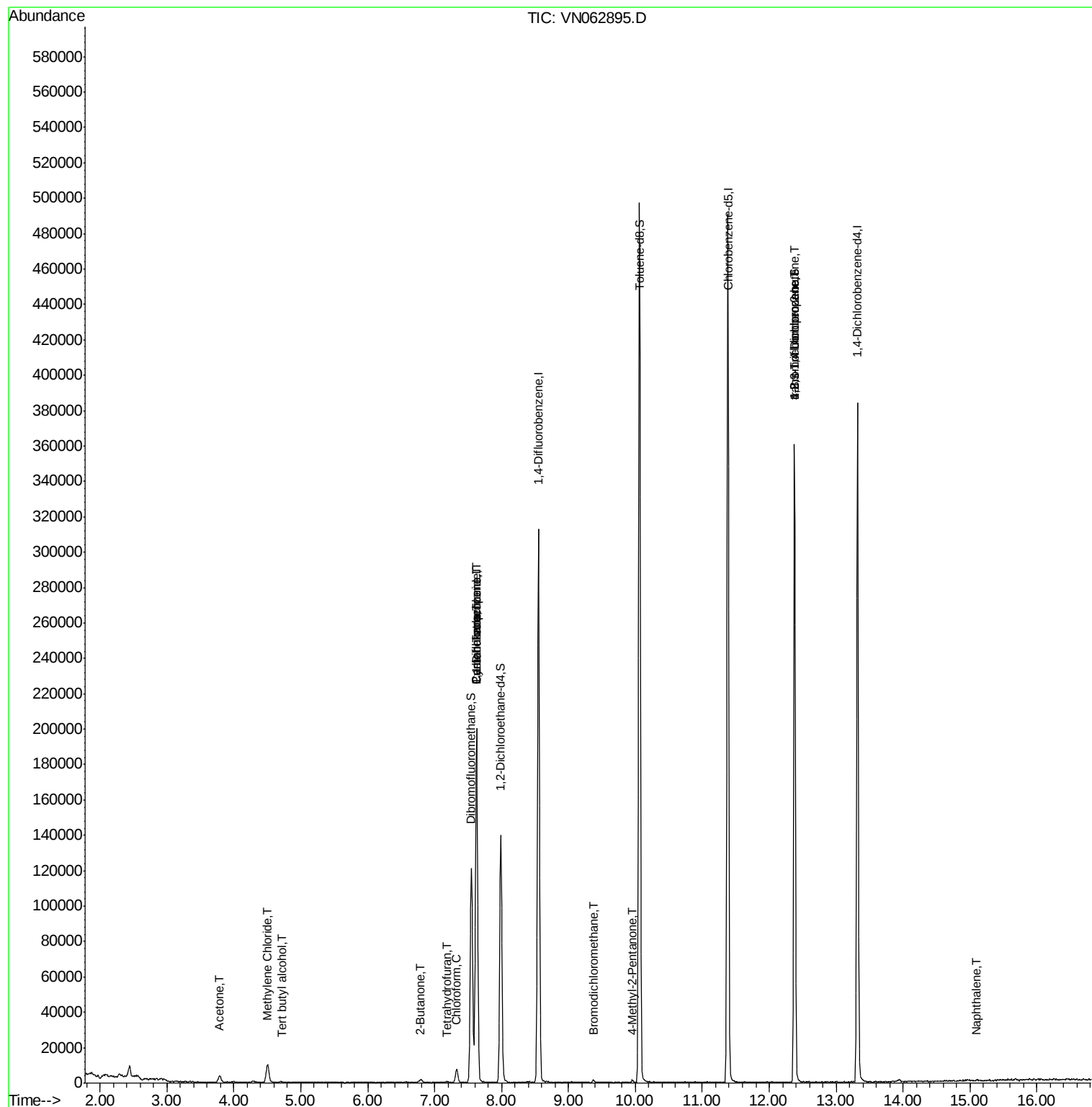
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.71	59	148	0.361	ug/l #	72
16) Acetone	3.78	43	6277	6.952	ug/l	98
17) Carbon Disulfide	4.00	76	29	Below Cal	#	74
18) Methyl Acetate	4.27	43	489	Below Cal	#	52
20) Methylene Chloride	4.50	84	7895	4.080	ug/l	89
25) 2-Butanone	6.79	43	487	0.381	ug/l #	49
29) Tetrahydrofuran	7.18	42	640	0.770	ug/l #	33
30) Chloroform	7.32	83	8889	2.534	ug/l	95
31) Cyclohexane	7.63	56	3304	1.091	ug/l #	33
36) 1,1-Dichloropropene	7.63	75	12869	4.934	ug/l #	51
38) Carbon Tetrachloride	7.63	117	16526	5.357	ug/l #	15
47) Bromodichloromethane	9.37	83	1459	0.471	ug/l #	85
51) 4-Methyl-2-Pentanone	9.95	43	632	0.215	ug/l	100
76) 1,2,3-Trichloropropane	12.38	75	69996	24.922	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	69996	76.081	ug/l #	10
95) Naphthalene	15.11	128	132	3.734	ug/l #	68

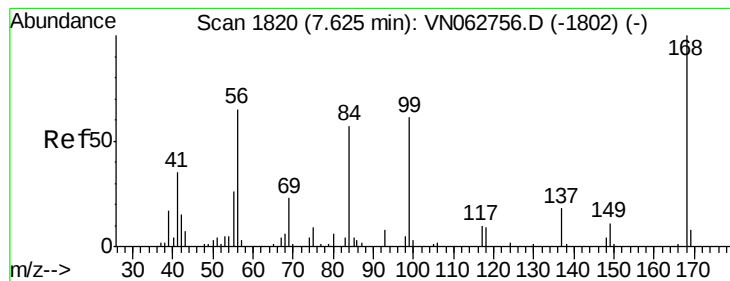
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
Data File : VN062895.D
Acq On : 13 Aug 2020 7:34
Operator : JC/MD
Sample : L3648-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BS-STOCK-6

Quant Time: Aug 13 07:58:11 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# 1821

Delta R.T. 0.00 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

Instrument :

MSVOA_N

ClientSampleId :

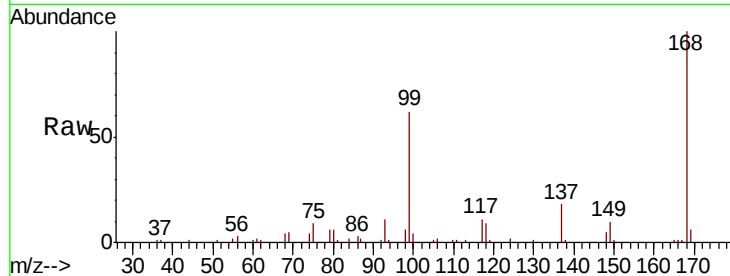
BS-STOCK-6

Tot Ion:168 Resp: 151102

Ion Ratio Lower Upper

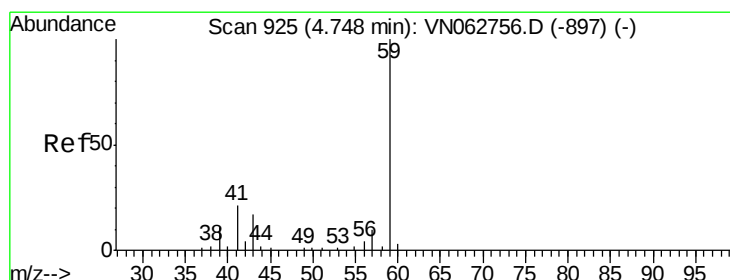
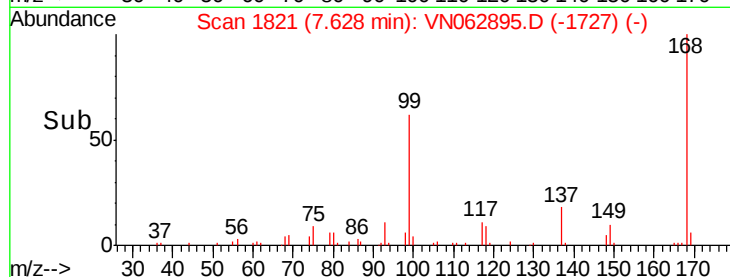
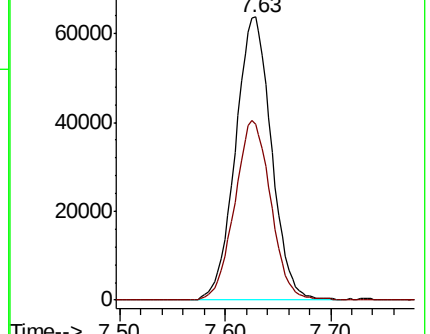
168 100

99 62.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 0.361 ug/l

RT: 4.71 min Scan# 914

Delta R.T. -0.04 min

Lab File: VN062895.D

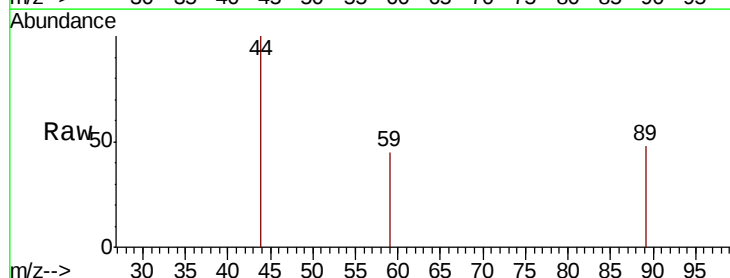
Acq: 13 Aug 2020 7:34

Tgt Ion: 59 Resp: 148

Ion Ratio Lower Upper

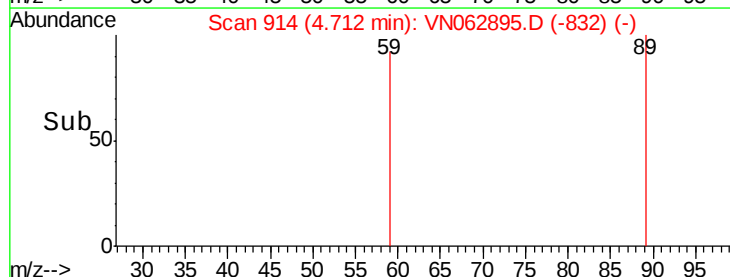
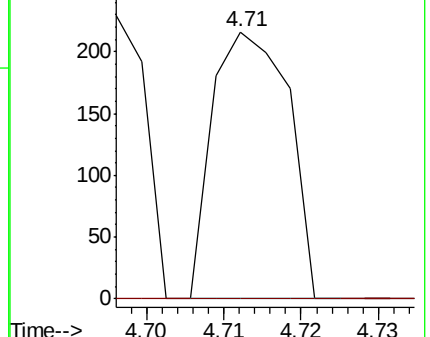
59 100

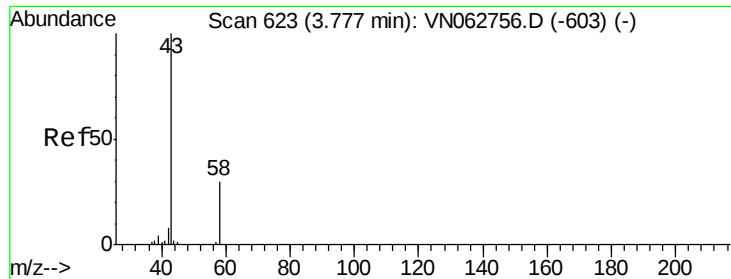
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 6.952 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

Instrument :

MSVOA_N

ClientSampled :

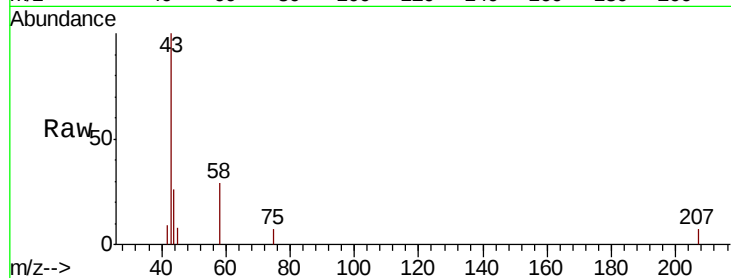
BS-STOCK-6

Tot Ion: 43 Resp: 6277

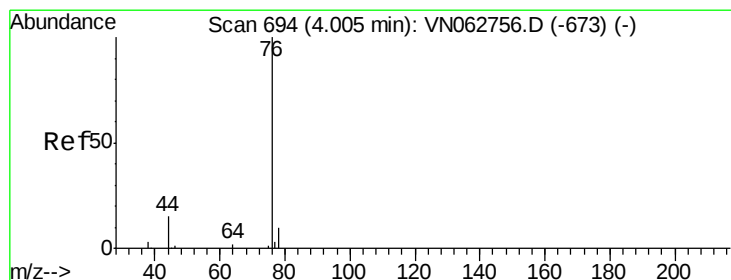
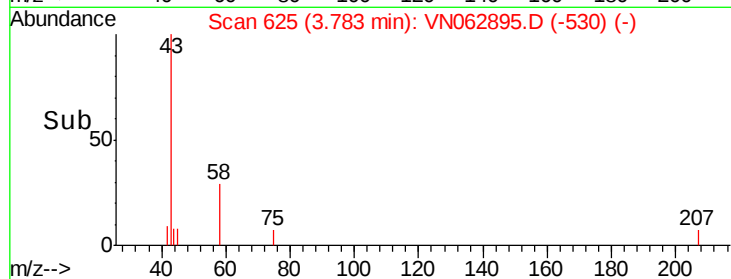
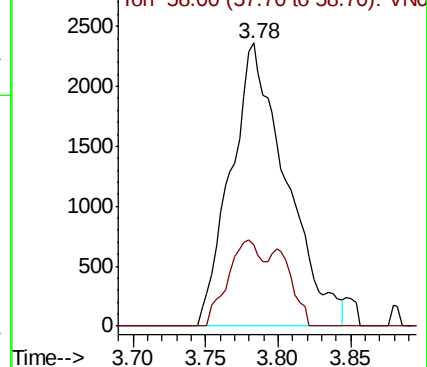
Ion Ratio Lower Upper

43 100

58 28.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN062895.D (-530) (-)



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062895.D

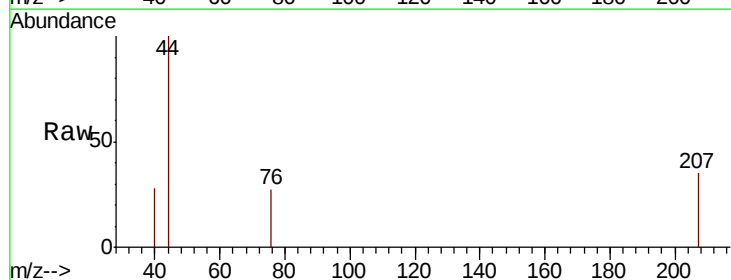
Acq: 13 Aug 2020 7:34

Tgt Ion: 76 Resp: 29

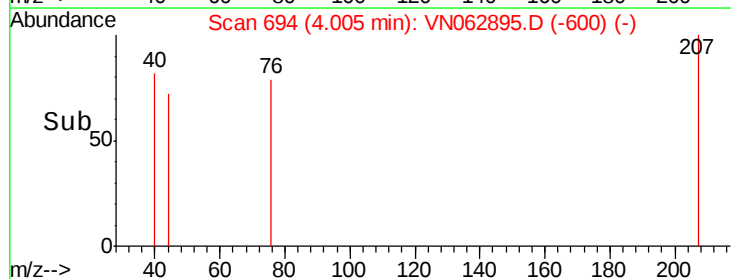
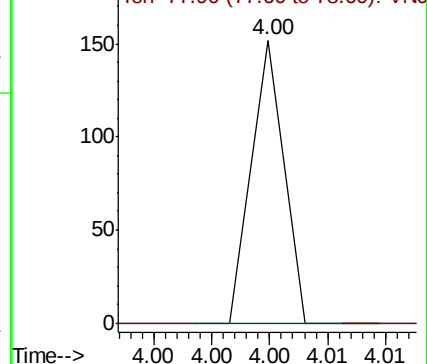
Ion Ratio Lower Upper

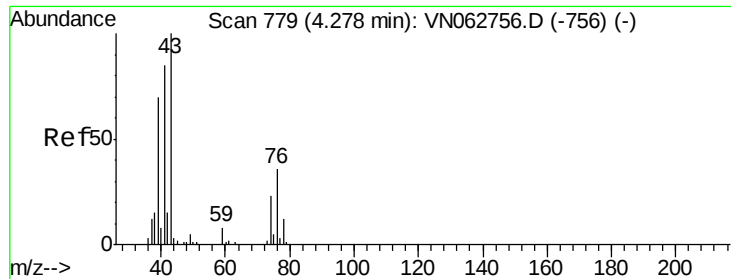
76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN062895.D (-600) (-)

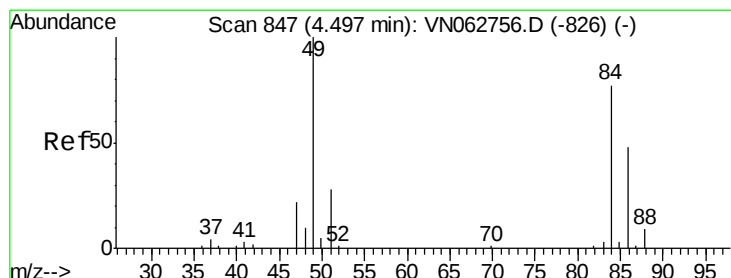
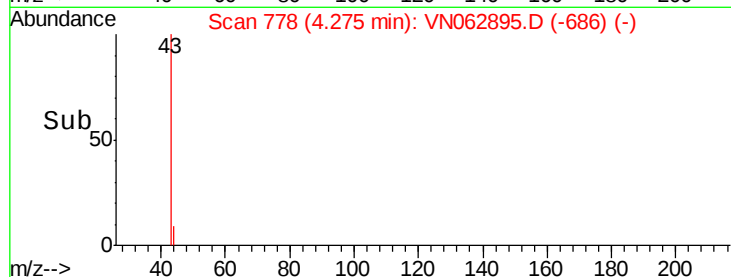
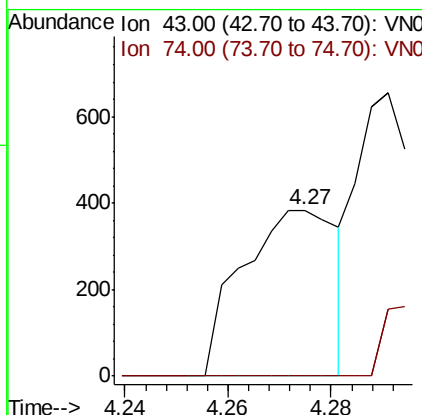
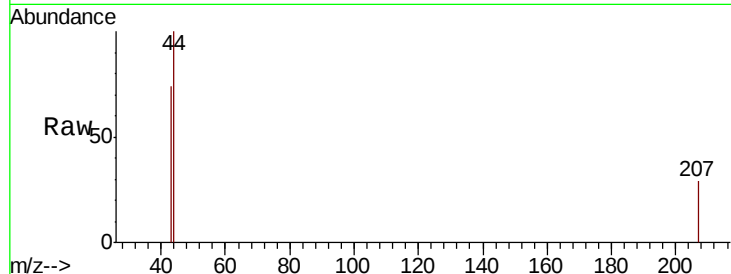




#18
Methvl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062895.D
Acq: 13 Aug 2020 7:34

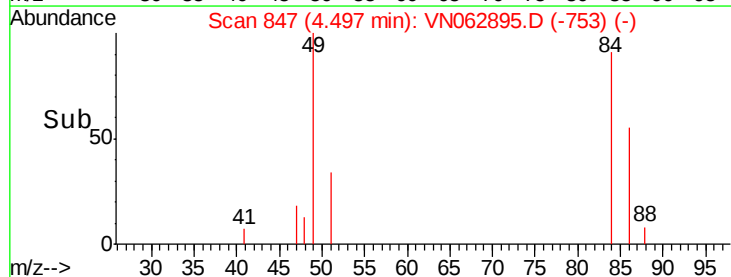
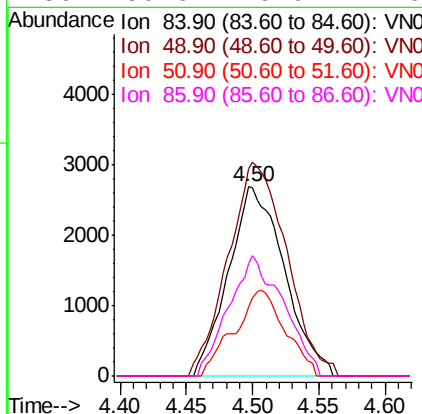
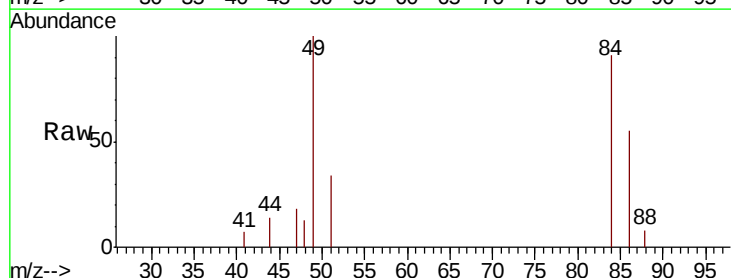
Instrument :
MSVOA_N
ClientSampleId :
BS-STOCK-6

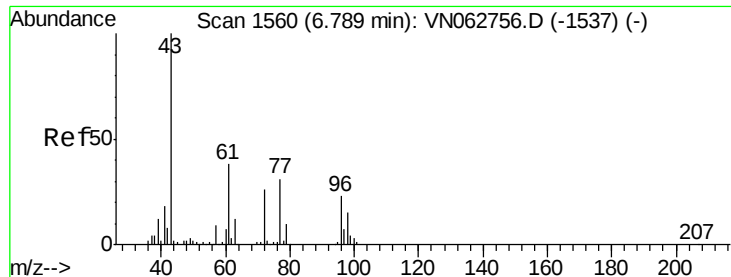
Tot Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: 4.080 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062895.D
Acq: 13 Aug 2020 7:34

Tgt Ion: 84 Resp: 7895
Ion Ratio Lower Upper
84 100
49 109.4 103.4 155.2
51 36.7 29.3 43.9
86 59.6 49.9 74.9





#25

2-Butanone

Concen: 0.381 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

Instrument :

MSVOA_N

ClientSampled :

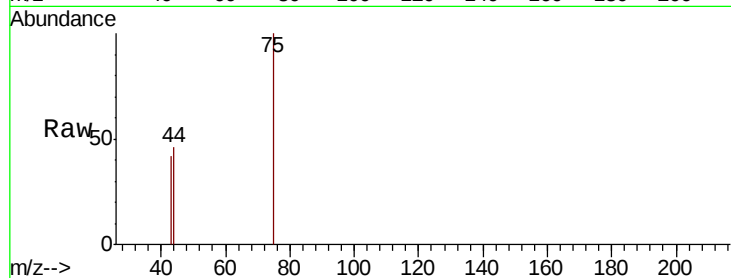
BS-STOCK-6

Tot Ion: 43 Resp: 487

Ion Ratio Lower Upper

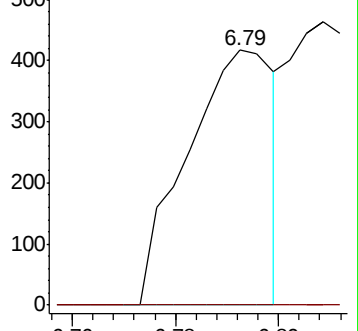
43 100

72 0.0 21.1 31.7#

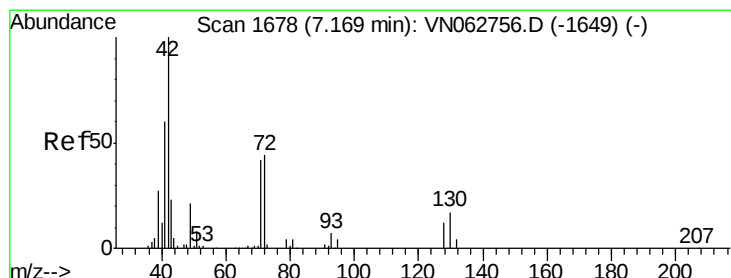
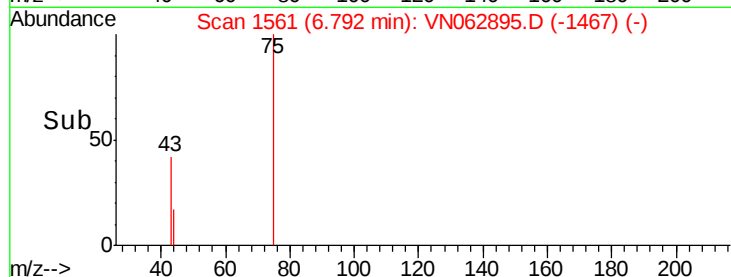


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#29

Tetrahydrofuran

Concen: 0.770 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.01 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

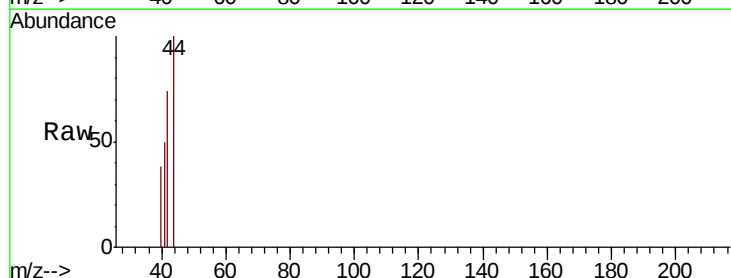
Tgt Ion: 42 Resp: 640

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.4#

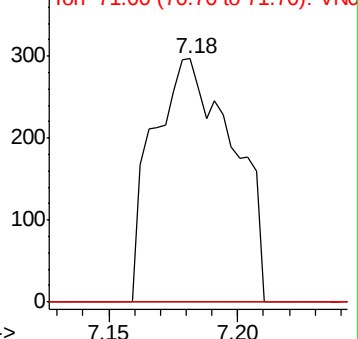
71 0.0 33.2 49.8#



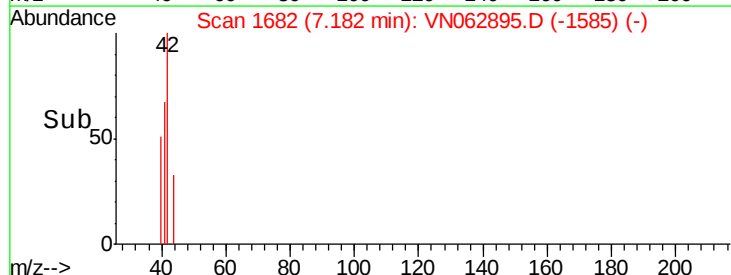
Abundance Ion 42.00 (41.70 to 42.70): VN0

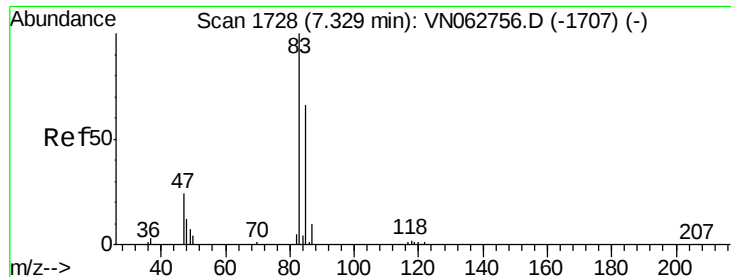
Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time-->

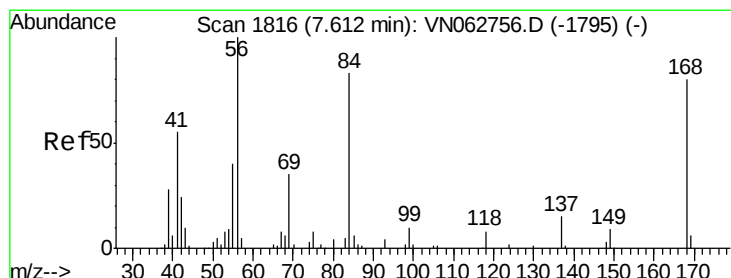
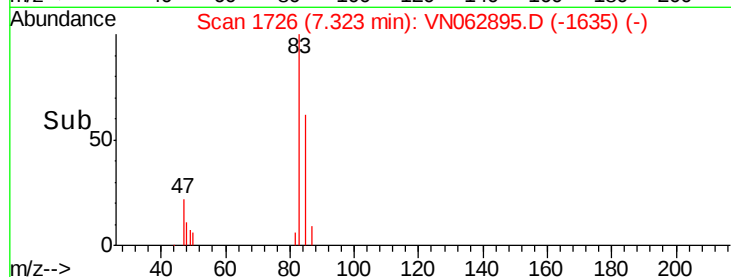
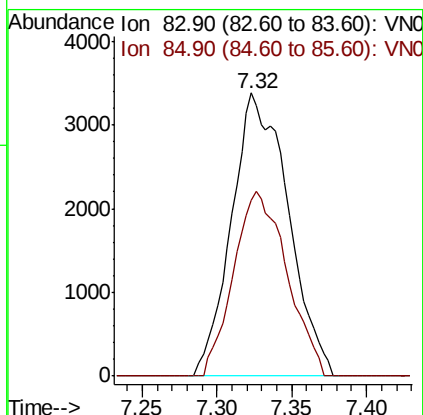
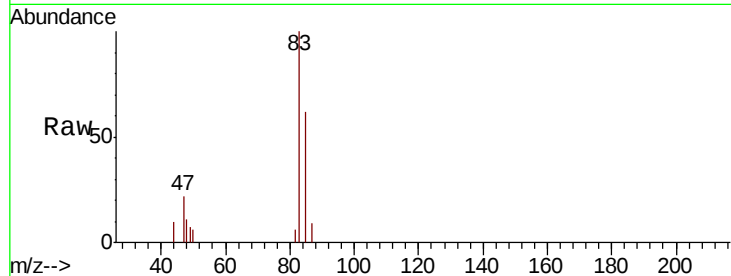




#30
Chloroform
Concen: 2.534 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062895.D
Acq: 13 Aug 2020 7:34

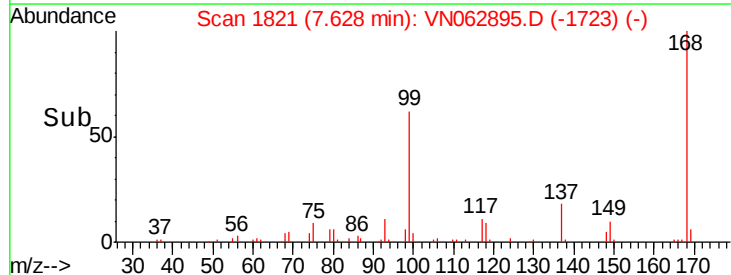
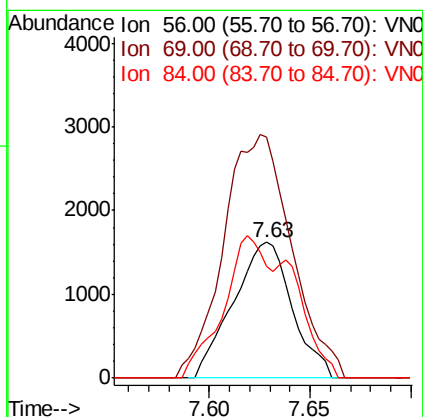
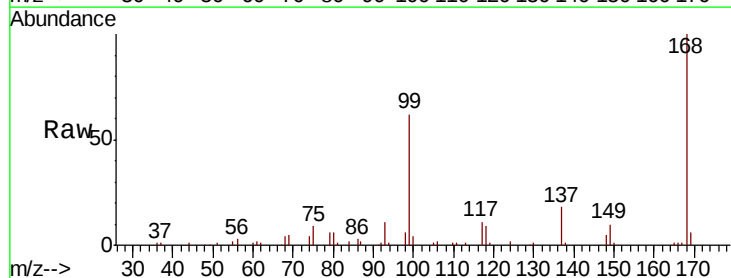
Instrument :
MSVOA_N
ClientSampleId :
BS-STOCK-6

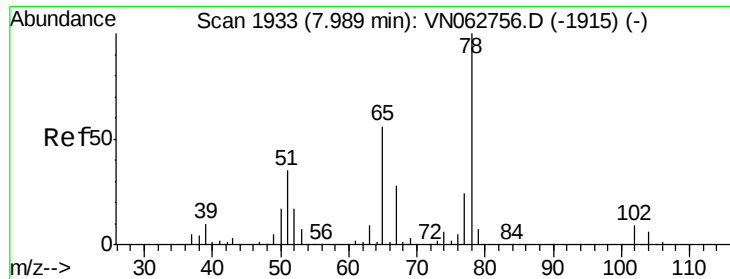
Tot Ion: 83 Resp: 8889
Ion Ratio Lower Upper
83 100
85 62.0 52.7 79.1



#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN062895.D
Acq: 13 Aug 2020 7:34

Tgt Ion: 56 Resp: 3304
Ion Ratio Lower Upper
56 100
69 164.7 28.1 42.1#
84 82.7 66.8 100.2





#33

1,2-Dichloroethane-d4

Concen: 51.043 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

Instrument :

MSVOA_N

ClientSampleId :

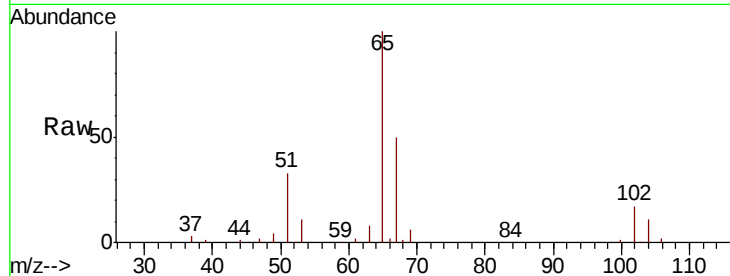
BS-STOCK-6

Tot Ion: 65 Resp: 127544

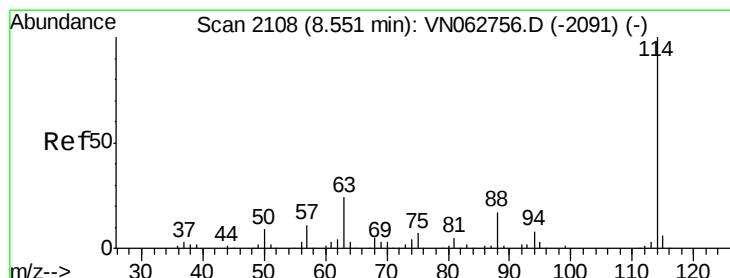
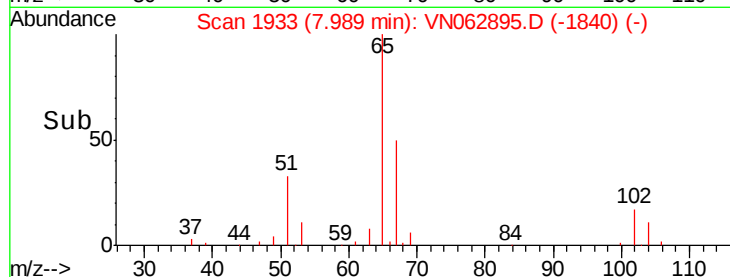
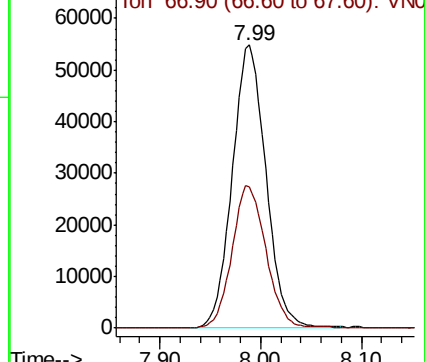
Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062895.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

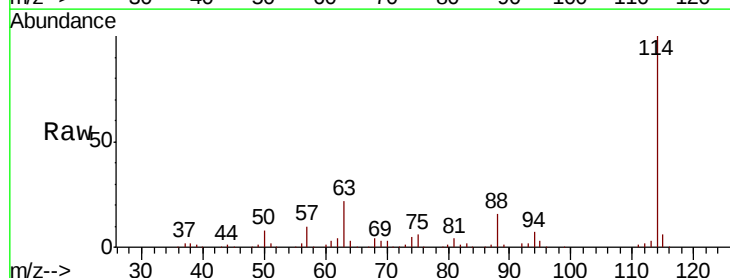
Tgt Ion: 114 Resp: 267874

Ion Ratio Lower Upper

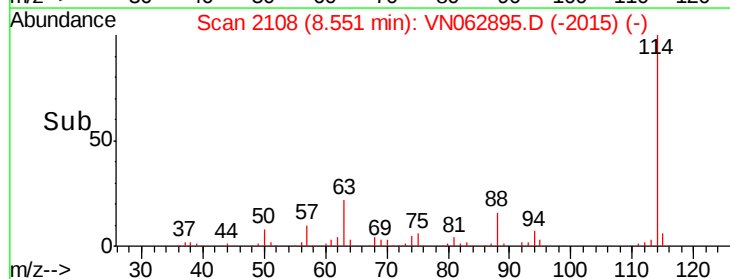
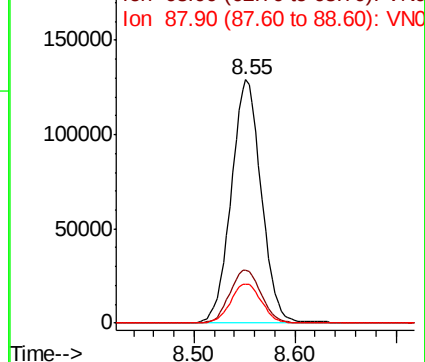
114 100

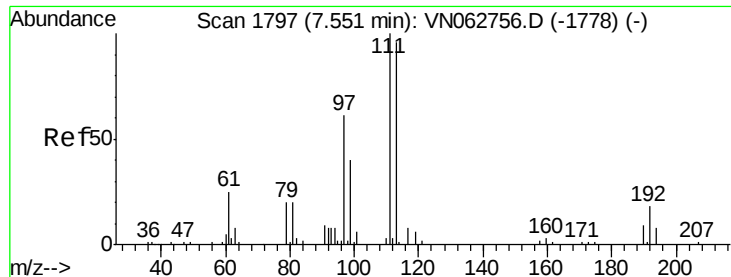
63 21.9 0.0 47.6

88 16.1 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): VN062895.D (-2015) (-)





#35

Dibromofluoromethane

Concen: 51.198 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

Instrument :

MSVOA_N

ClientSampleId :

BS-STOCK-6

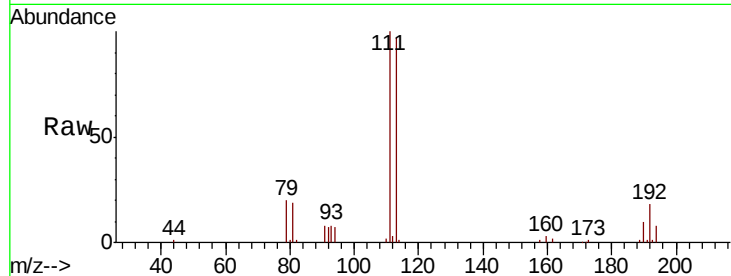
Tot Ion:113 Resp: 93816

Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.6

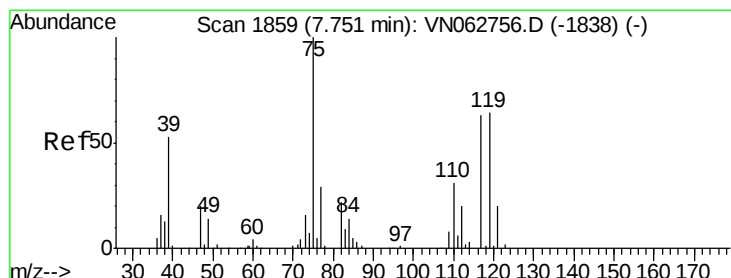
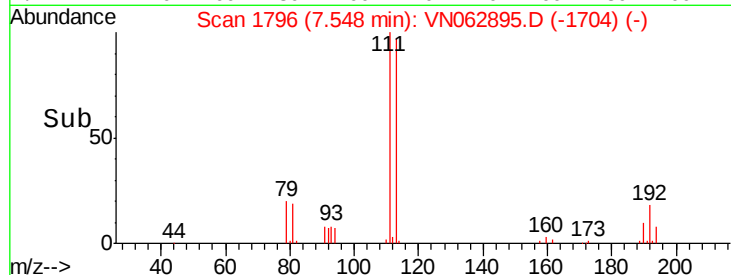
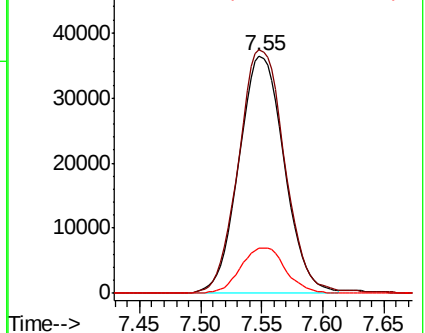
192 18.8 15.0 22.4



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: 4.934 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

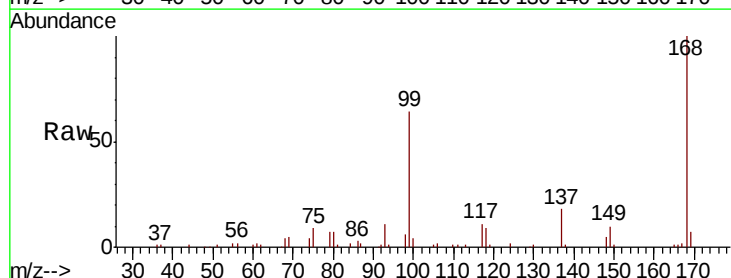
Tgt Ion: 75 Resp: 12869

Ion Ratio Lower Upper

75 100

110 7.8 15.6 46.7#

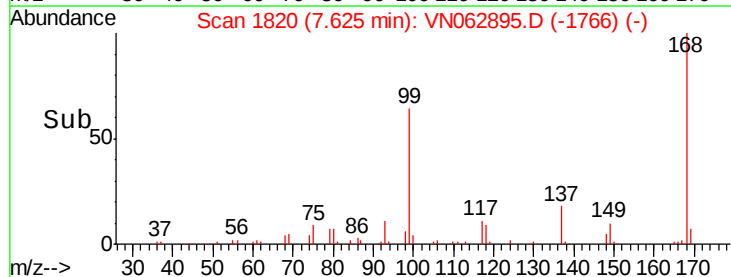
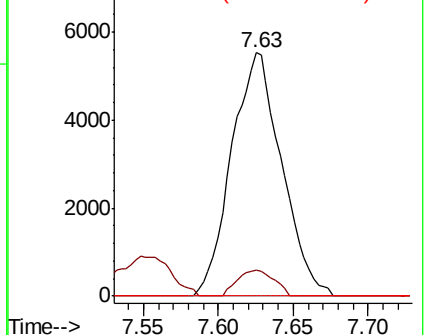
77 0.0 24.1 36.1#

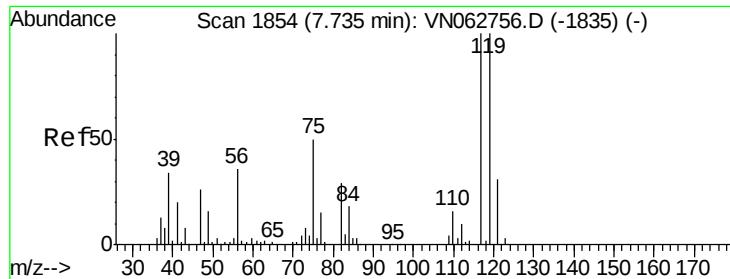


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.357 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

Instrument :

MSVOA_N

ClientSampleId :

BS-STOCK-6

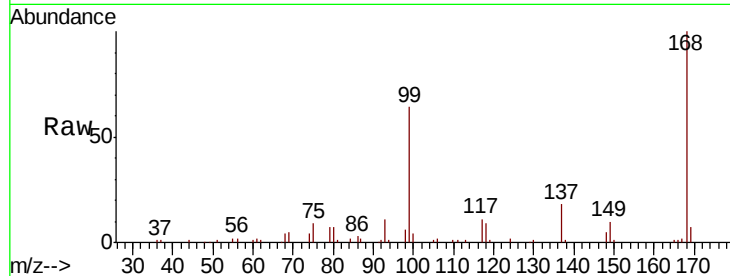
Tot Ion:117 Resp: 16526

Ion Ratio Lower Upper

117 100

119 5.9 79.4 119.2#

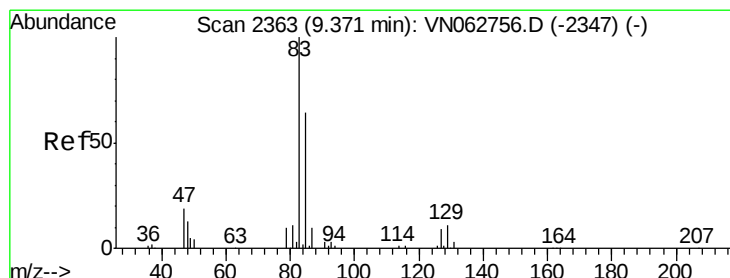
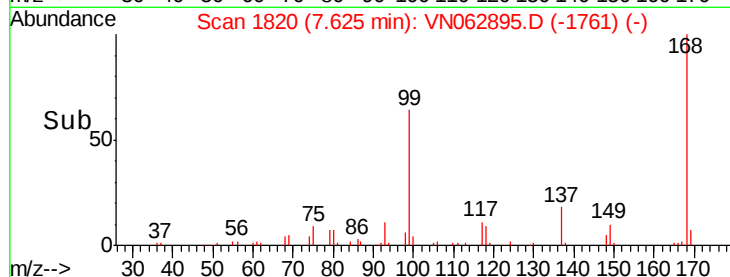
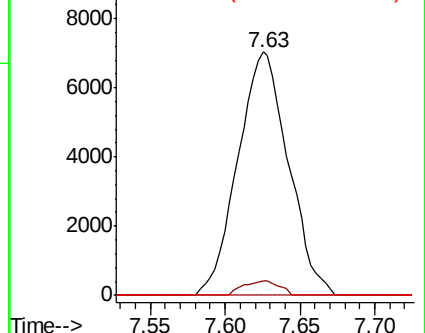
121 0.0 24.9 37.3#



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



#47

Bromodichloromethane

Concen: 0.471 ug/l

RT: 9.37 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

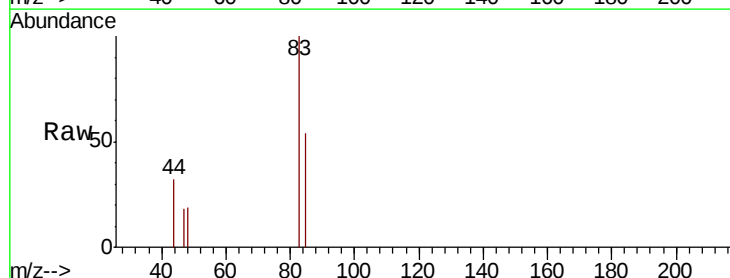
Tgt Ion: 83 Resp: 1459

Ion Ratio Lower Upper

83 100

85 53.6 51.4 77.0

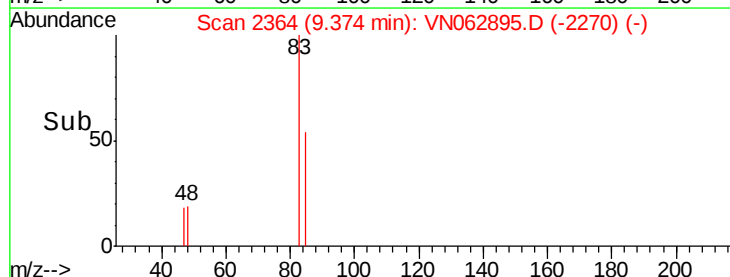
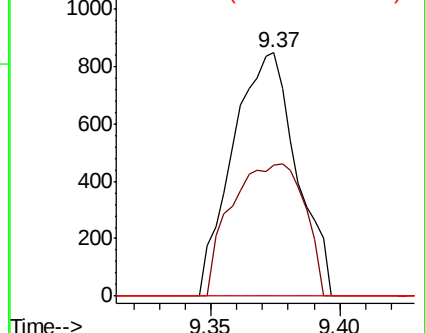
127 0.0 6.9 10.3#

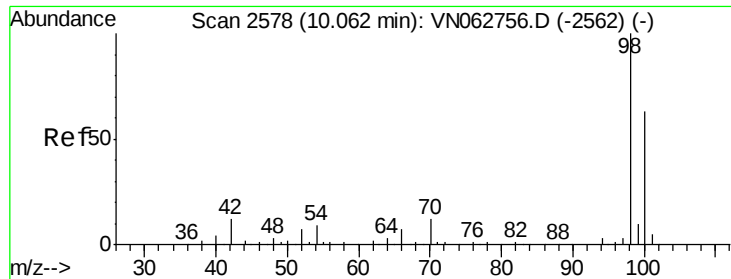


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 48.272 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

Instrument :

MSVOA_N

ClientSampleId :

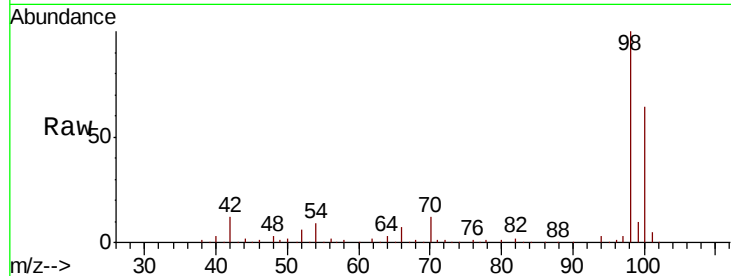
BS-STOCK-6

Tot Ion: 98 Resp: 345332

Ion Ratio Lower Upper

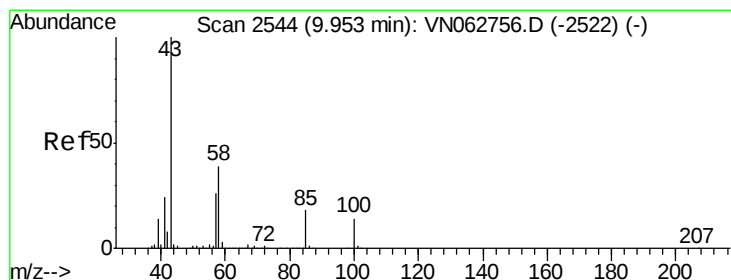
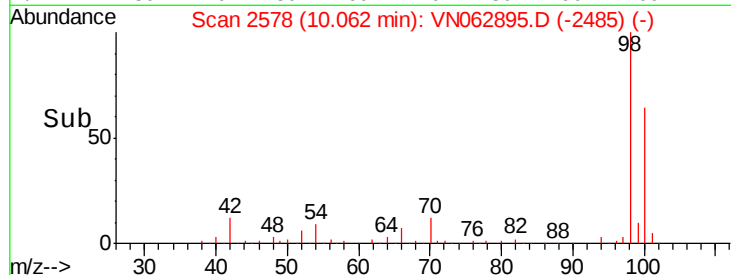
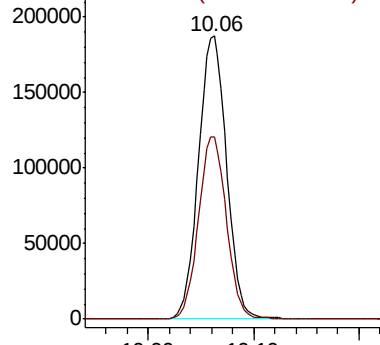
98 100

100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.215 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062895.D

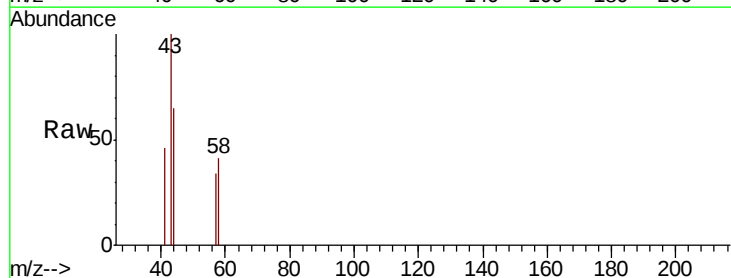
Acq: 13 Aug 2020 7:34

Tgt Ion: 43 Resp: 632

Ion Ratio Lower Upper

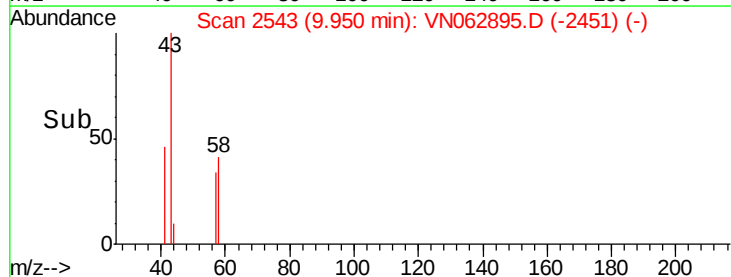
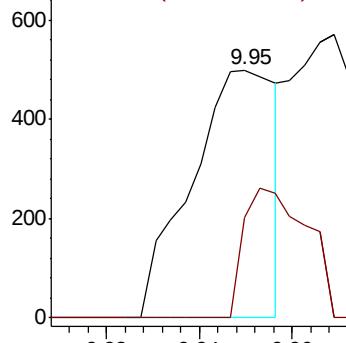
43 100

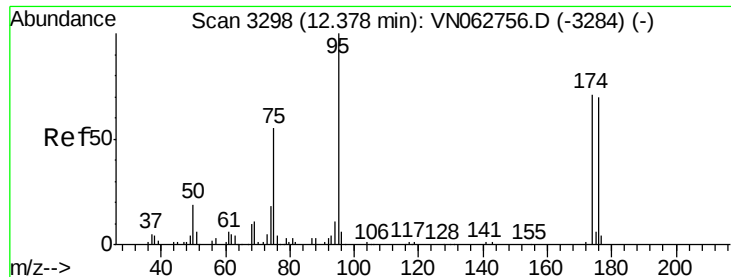
58 39.1 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

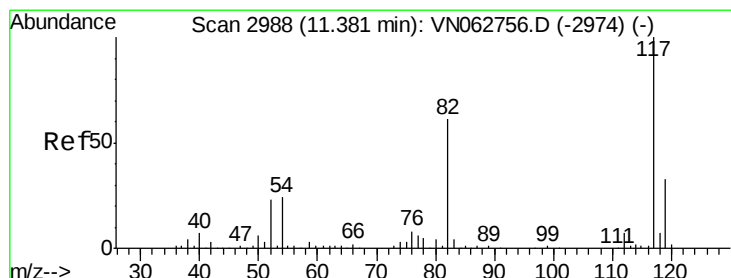
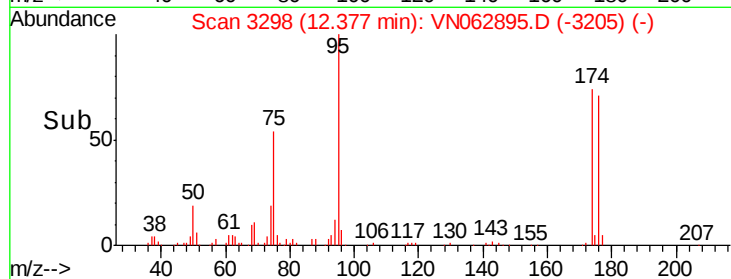
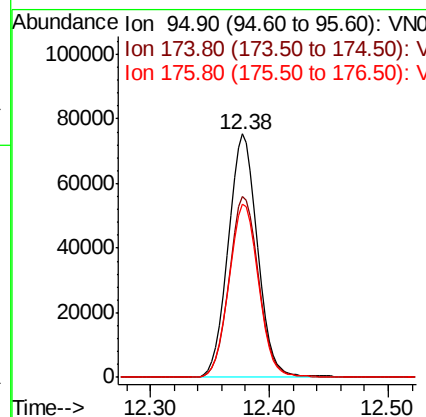
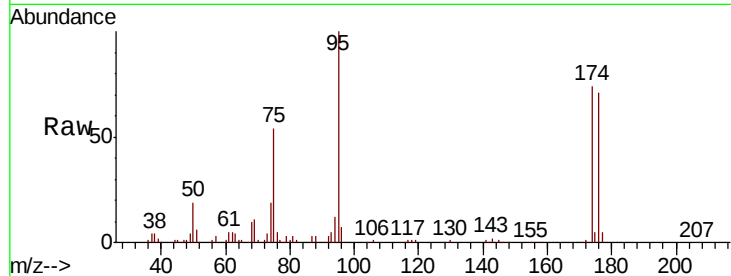




#62
4-Bromofluorobenzene
Concen: 47.503 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062895.D
Acq: 13 Aug 2020 7:34

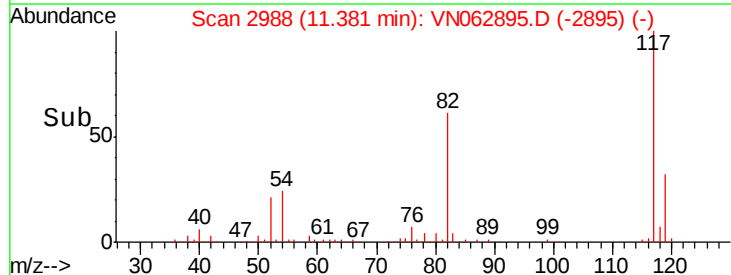
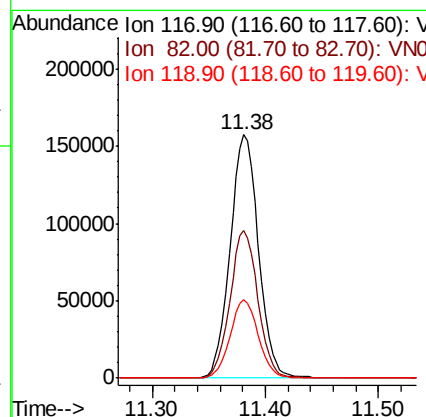
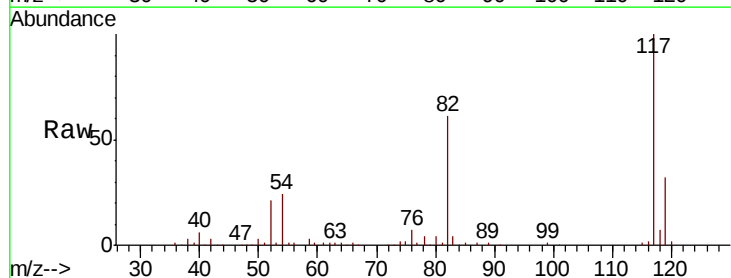
Instrument :
MSVOA_N
ClientSampleId :
BS-STOCK-6

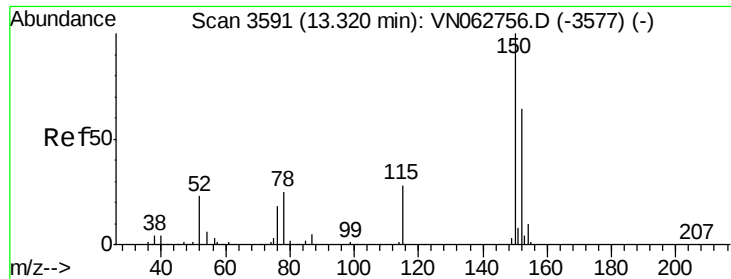
Tot Ion: 95 Resp: 128421
Ion Ratio Lower Upper
95 100
174 75.3 0.0 144.8
176 72.2 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062895.D
Acq: 13 Aug 2020 7:34

Tgt Ion: 117 Resp: 274827
Ion Ratio Lower Upper
117 100
82 60.6 49.0 73.4
119 32.2 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

Instrument :

MSVOA_N

ClientSampleId :

BS-STOCK-6

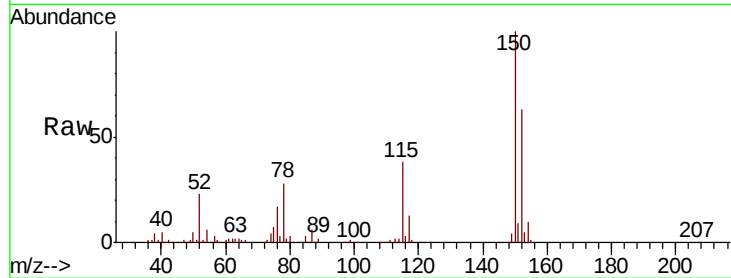
Tot Ion:152 Resp: 104141

Ion Ratio Lower Upper

152 100

115 61.5 31.6 94.8

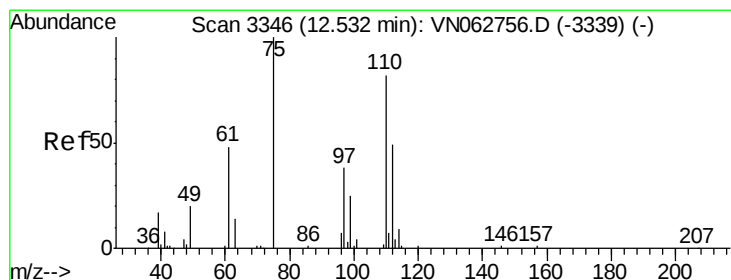
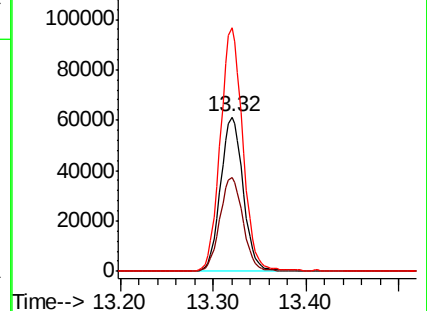
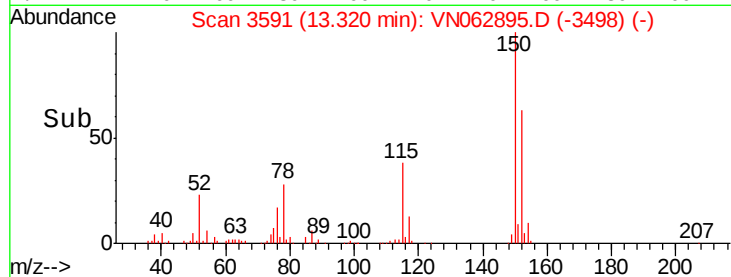
150 155.0 0.0 349.2



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: 24.922 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062895.D

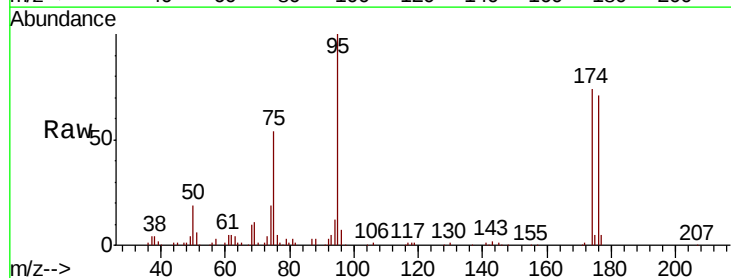
Acq: 13 Aug 2020 7:34

Tgt Ion: 75 Resp: 69996

Ion Ratio Lower Upper

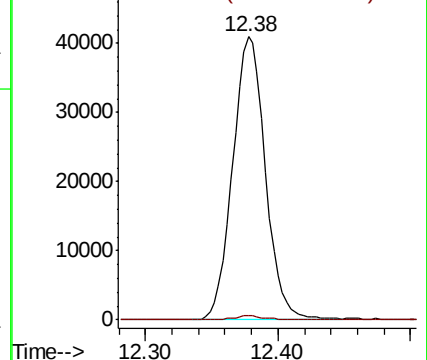
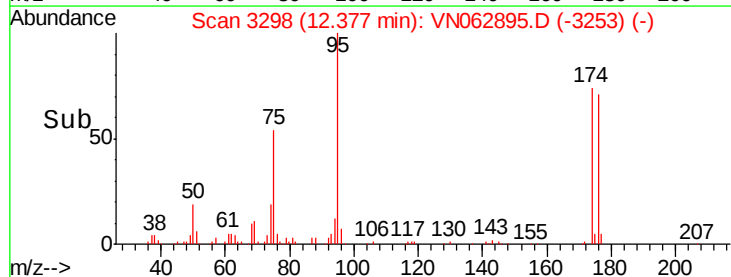
75 100

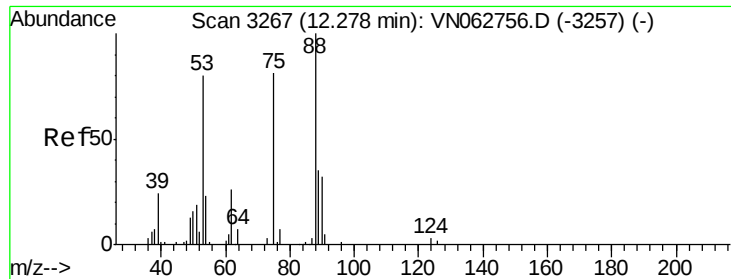
77 1.2 0.0 0.0#



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: 76.081 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

Instrument :

MSVOA_N

ClientSampled :

BS-STOCK-6

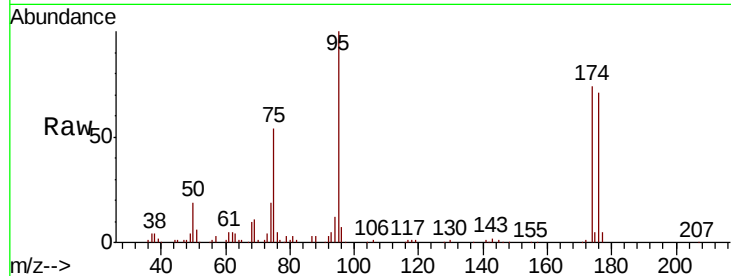
Tot Ion: 75 Resp: 69996

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

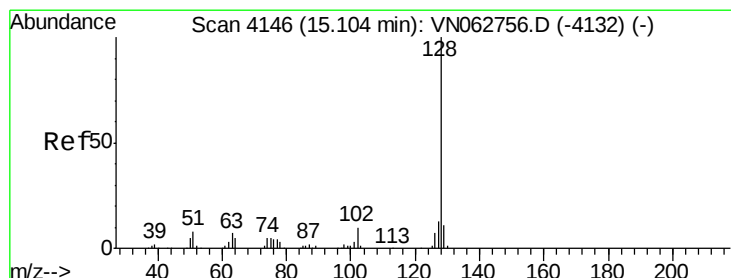
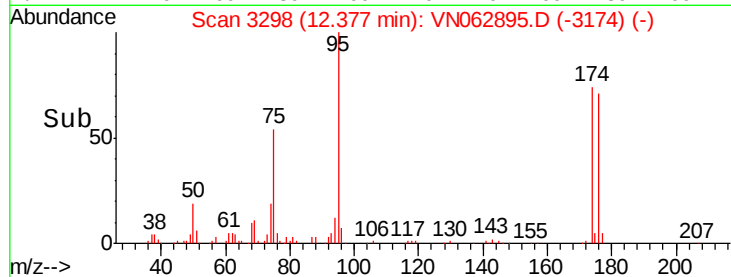
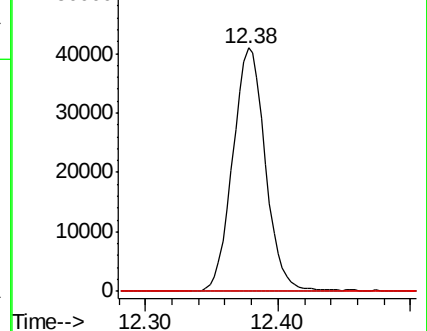
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN062895.D (-3174) (-)

Ion 53.00 (52.70 to 53.70): VN062895.D (-3174) (-)

Ion 88.90 (88.60 to 89.60): VN062895.D (-3174) (-)



#95

Naphthalene

Concen: 3.734 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

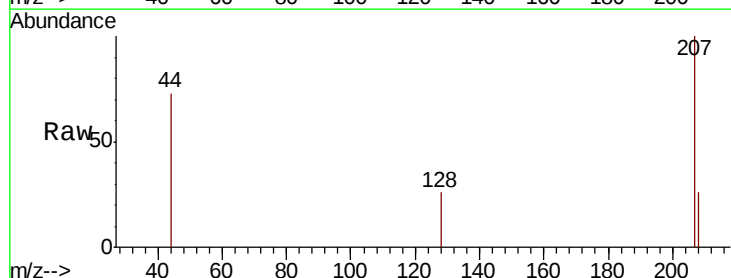
Tgt Ion: 128 Resp: 132

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): VN062895.D (-4053) (-)

Ion 127.00 (126.70 to 127.70): VN062895.D (-4053) (-)

Ion 129.00 (128.70 to 129.70): VN062895.D (-4053) (-)

