

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062763.D
 Acq On : 6 Aug 2020 13:38
 Operator : JC/MD
 Sample : VN0806WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL01

Quant Time: Aug 07 03:04:27 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	129027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	228903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	226327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80460	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	110477	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
35) Dibromofluoromethane	7.55	113	77751	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
50) Toluene-d8	10.06	98	293203	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.38	95	104702	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	

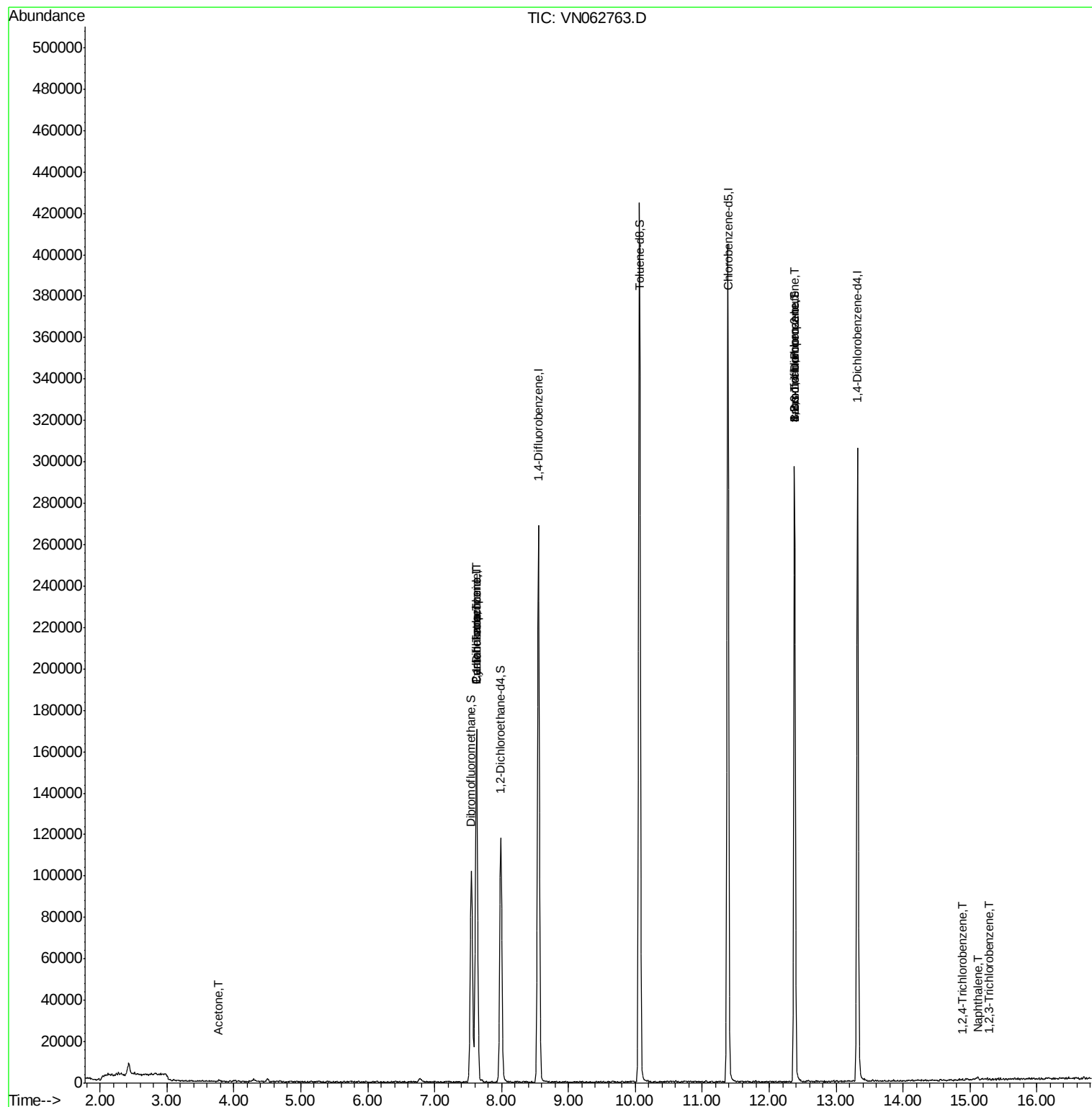
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	532	0.690	ug/l #	45
17) Carbon Disulfide	4.00	76	426	Below Cal	#	74
20) Methylene Chloride	4.50	84	1016	Below Cal	#	56
31) Cyclohexane	7.63	56	3485	1.347	ug/l #	33
36) 1,1-Dichloropropene	7.63	75	11232	5.039	ug/l #	52
38) Carbon Tetrachloride	7.63	117	14094	5.347	ug/l #	15
71) Bromoform	12.38	173	648	0.417	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	57649	26.567	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	57649	81.103	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	106	3.395	ug/l #	1
95) Naphthalene	15.11	128	1398	4.058	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.29	180	194	2.878	ug/l #	48

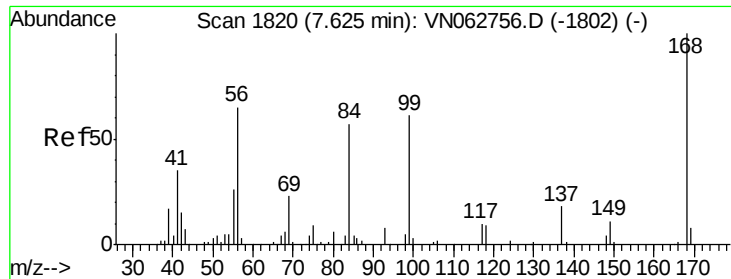
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080620\
Data File : VN062763.D
Acq On : 6 Aug 2020 13:38
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MSVOA_N
ClientSampleId :
VN0806WBL01

Quant Time: Aug 07 03:04:27 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: VN062763.D

Acq: 6 Aug 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

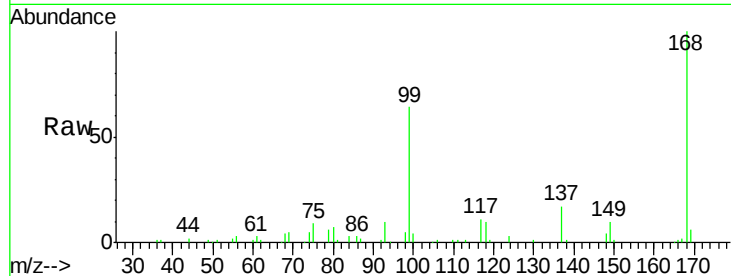
VN0806WBL01

Tot Ion:168 Resp: 129027

Ion Ratio Lower Upper

168 100

99 64.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

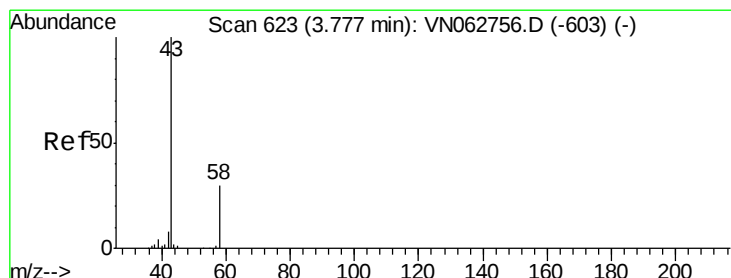
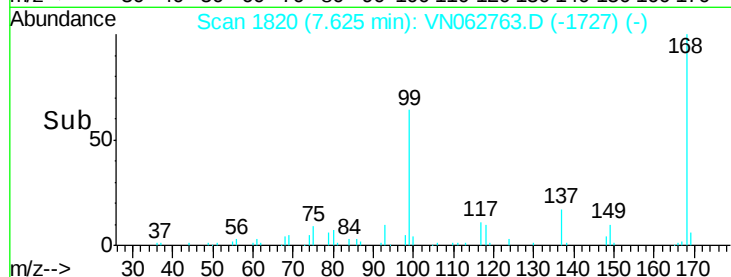
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 0.690 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062763.D

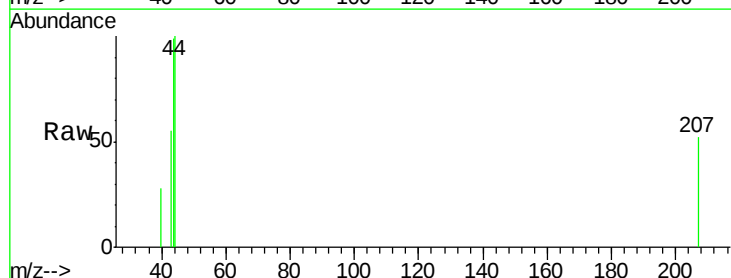
Acq: 6 Aug 2020 13:38

Tgt Ion: 43 Resp: 532

Ion Ratio Lower Upper

43 100

58 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.77

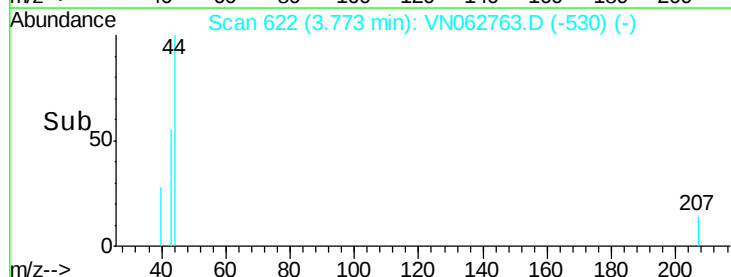
300

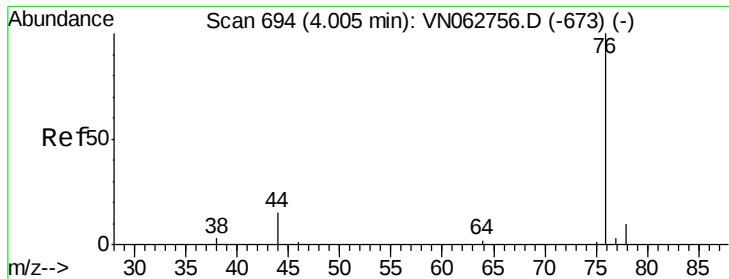
200

100

0

Time-->





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.00 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN062763.D

Acq: 6 Aug 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

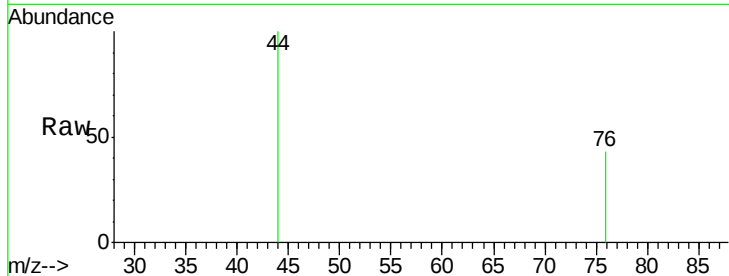
VN0806WBL01

Tot Ion: 76 Resp: 426

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

4.00

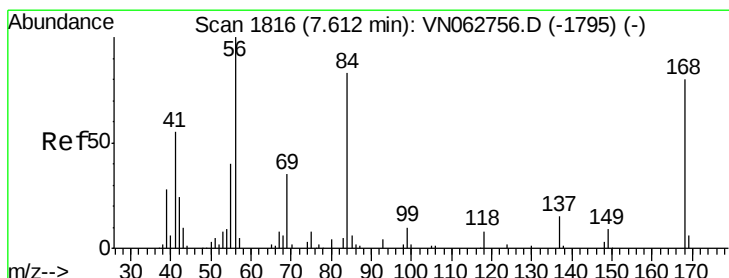
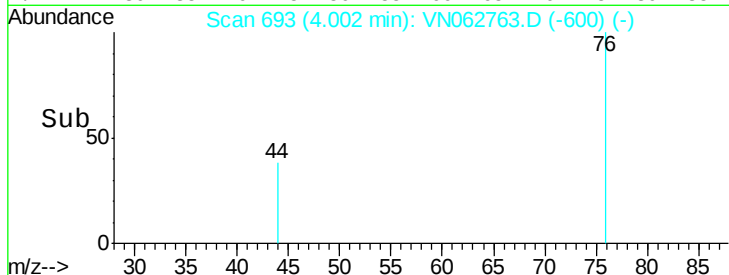
300

200

100

0

Time--> 3.96 3.98 4.00



#31

Cyclohexane

Concen: 1.347 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062763.D

Acq: 6 Aug 2020 13:38

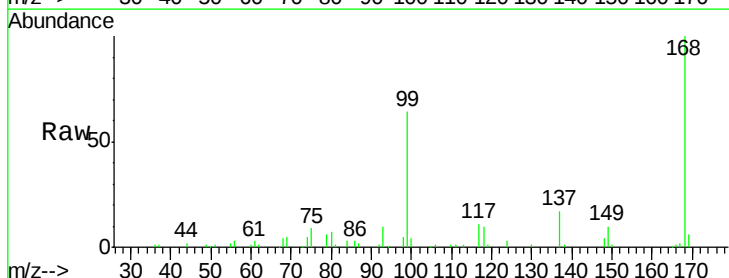
Tgt Ion: 56 Resp: 3485

Ion Ratio Lower Upper

56 100

69 150.3 28.1 42.1#

84 94.0 66.8 100.2



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

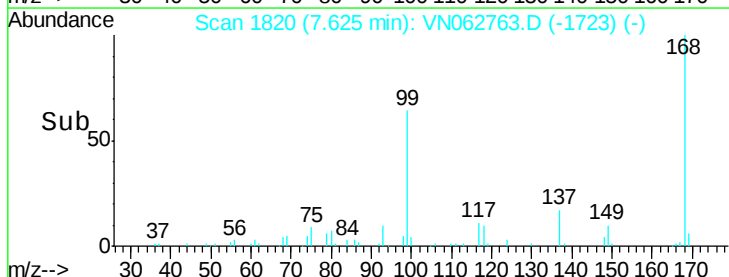
3000

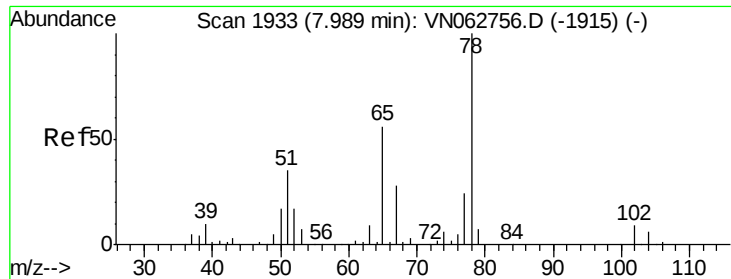
2000

1000

0

Time--> 7.55 7.60 7.65





#33

1,2-Dichloroethane-d4

Concen: 51.777 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062763.D

Acq: 6 Aug 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

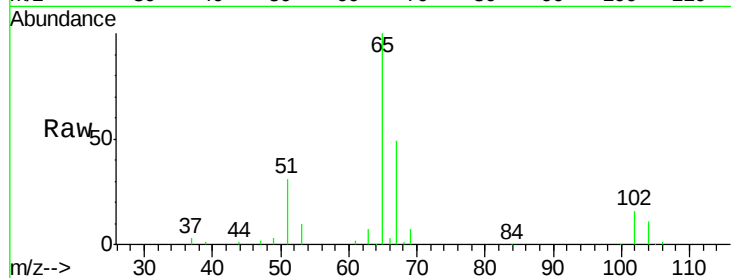
VN0806WBL01

Tot Ion: 65 Resp: 110477

Ion Ratio Lower Upper

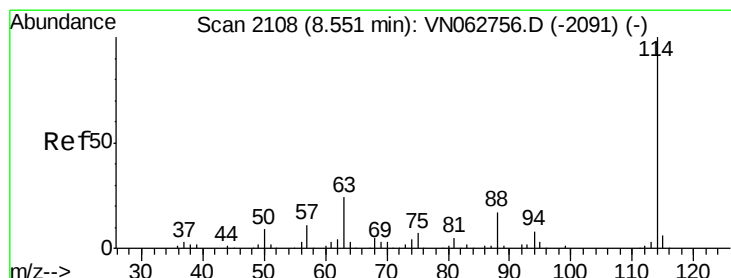
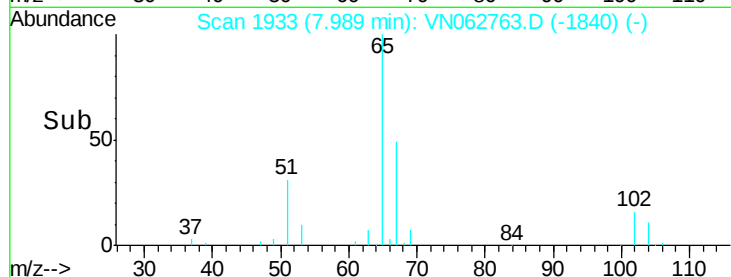
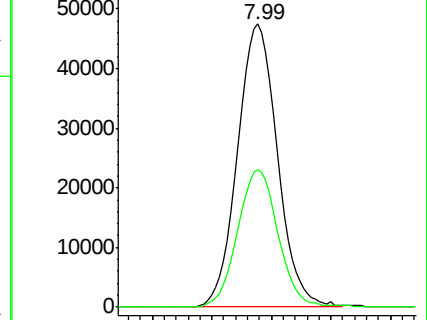
65 100

67 49.1 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: VN062763.D

Acq: 6 Aug 2020 13:38

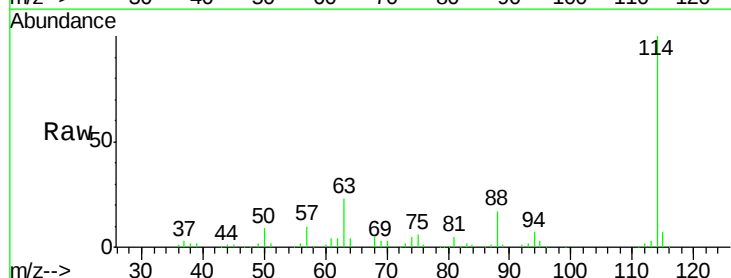
Tgt Ion: 114 Resp: 228903

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.6

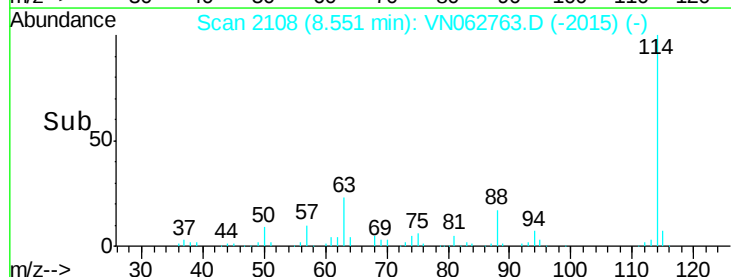
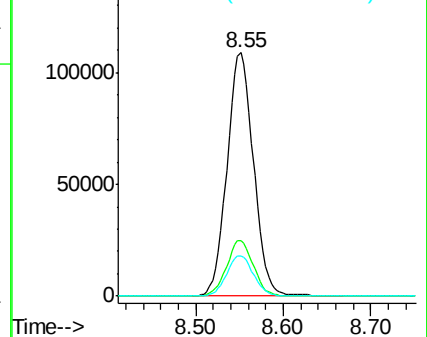
88 16.7 0.0 34.4

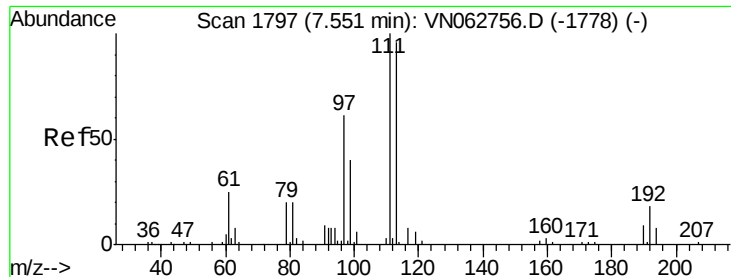


Abundance Ion 113.90 (113.60 to 114.60): VN062756.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN062756.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN062756.D (-2091) (-)





#35

Dibromofluoromethane

Concen: 49.655 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062763.D

Acq: 6 Aug 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBL01

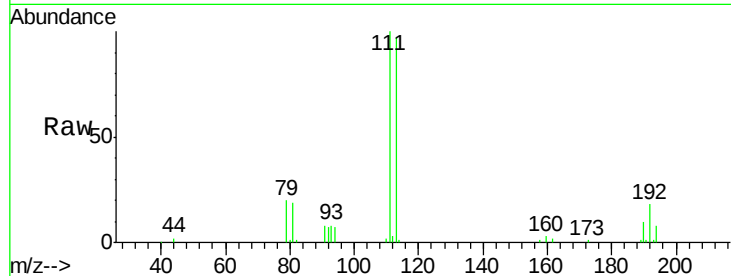
Tot Ion:113 Resp: 77751

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.6

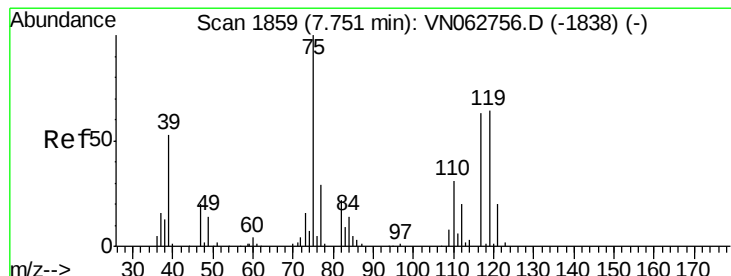
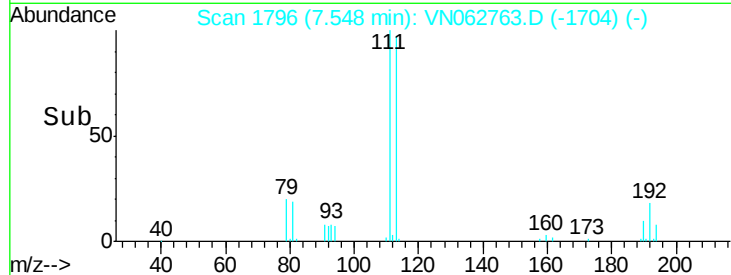
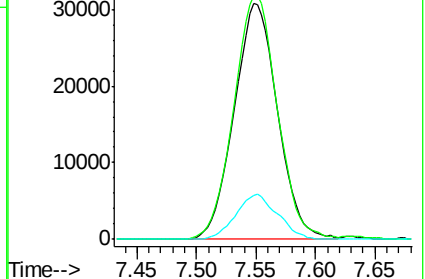
192 18.4 15.0 22.4



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: 5.039 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN062763.D

Acq: 6 Aug 2020 13:38

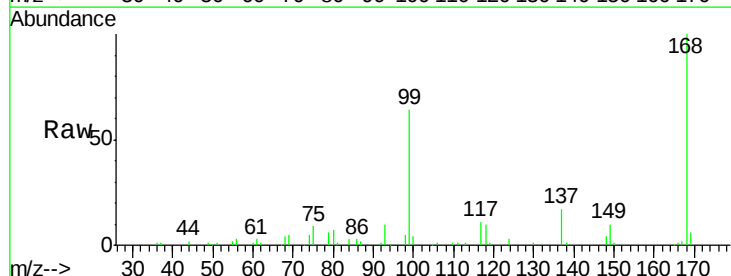
Tgt Ion: 75 Resp: 11232

Ion Ratio Lower Upper

75 100

110 8.2 15.6 46.7#

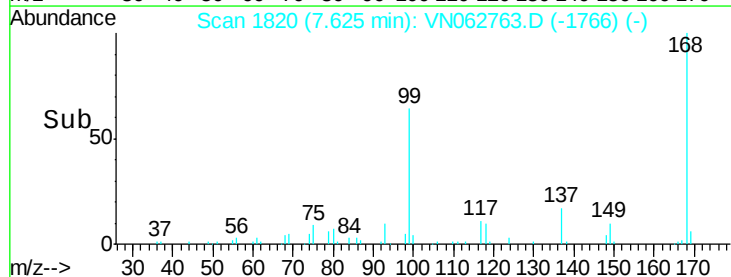
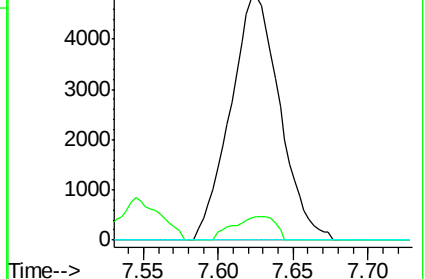
77 0.0 24.1 36.1#

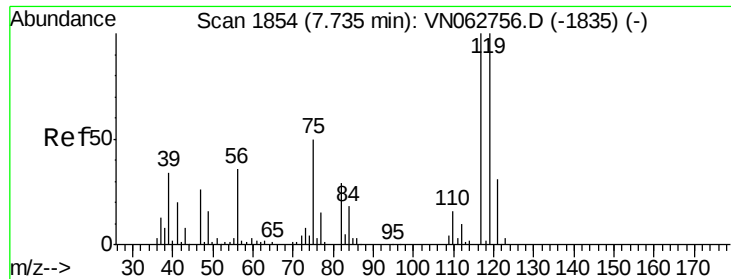


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.347 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062763.D

Acq: 6 Aug 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBL01

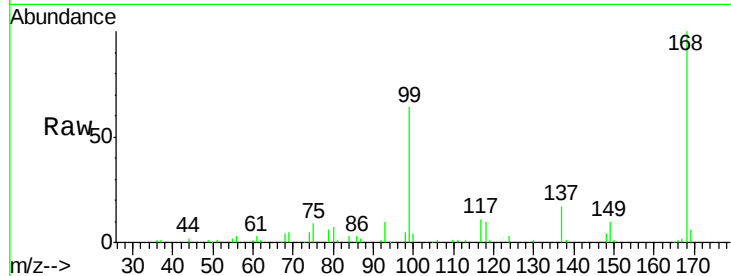
Tot Ion:117 Resp: 14094

Ion Ratio Lower Upper

117 100

119 5.5 79.4 119.2#

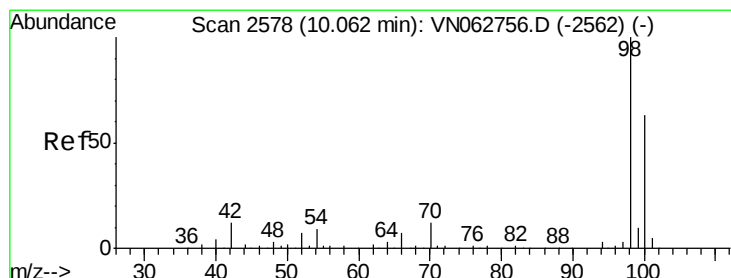
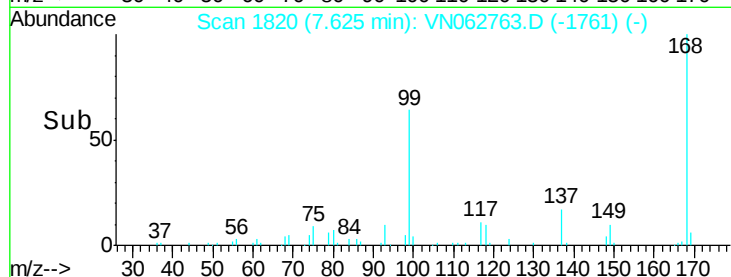
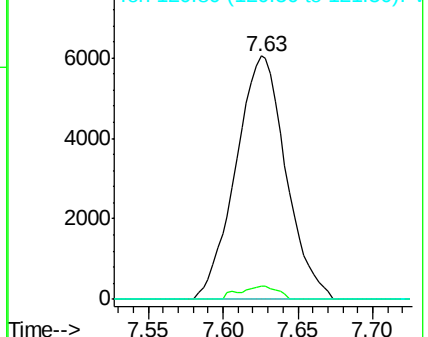
121 0.0 24.9 37.3#



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



#50

Toluene-d8

Concen: 47.963 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062763.D

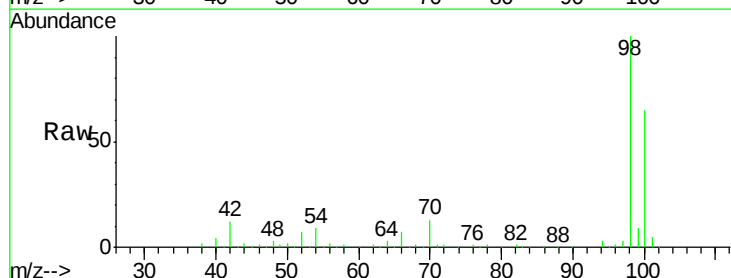
Acq: 6 Aug 2020 13:38

Tgt Ion: 98 Resp: 293203

Ion Ratio Lower Upper

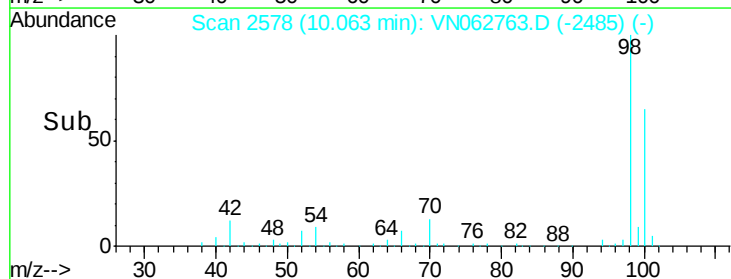
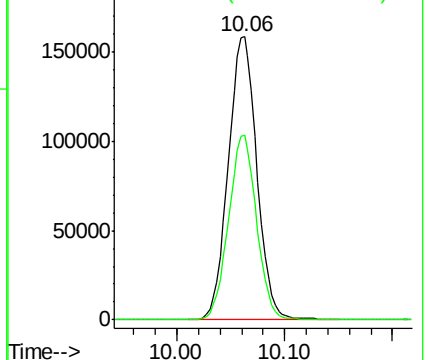
98 100

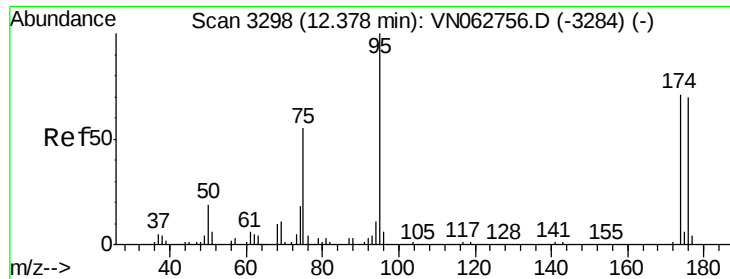
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

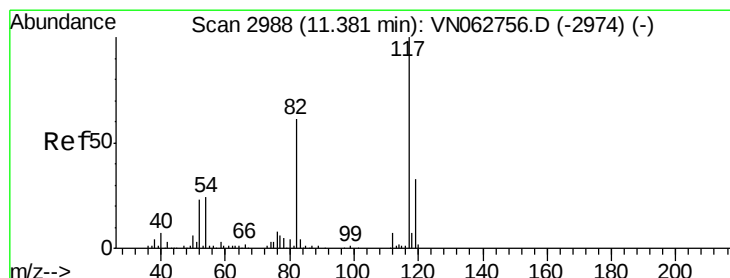
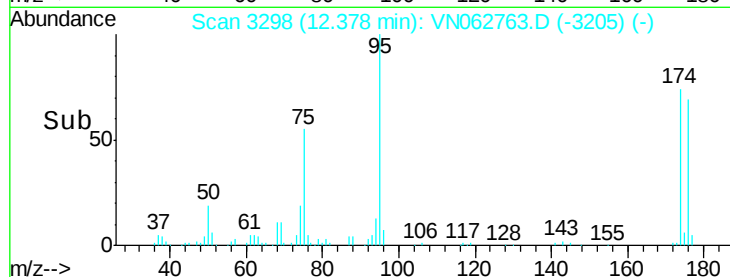
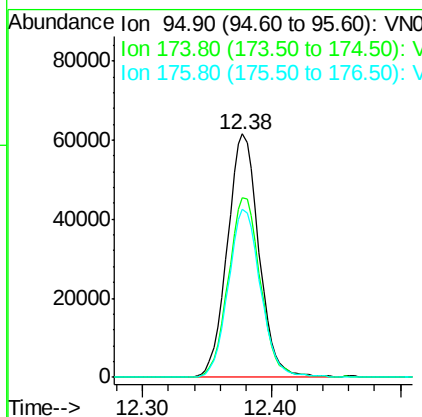
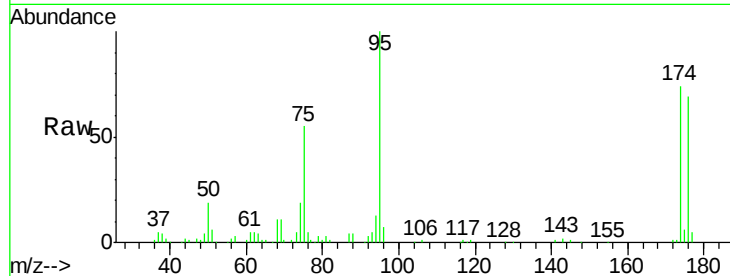




#62
 4-Bromofluorobenzene
 Concen: 45.323 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062763.D
 Acq: 6 Aug 2020 13:38

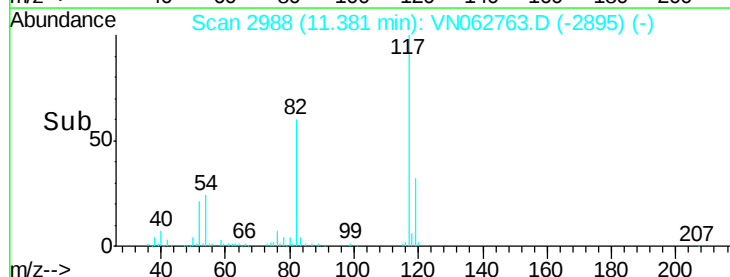
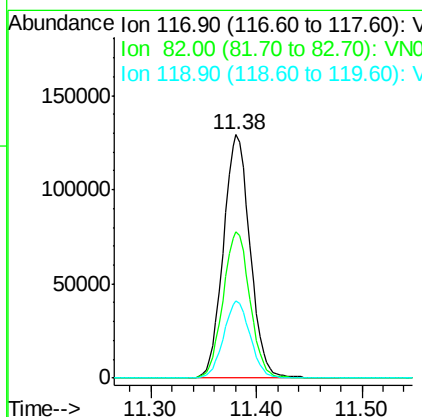
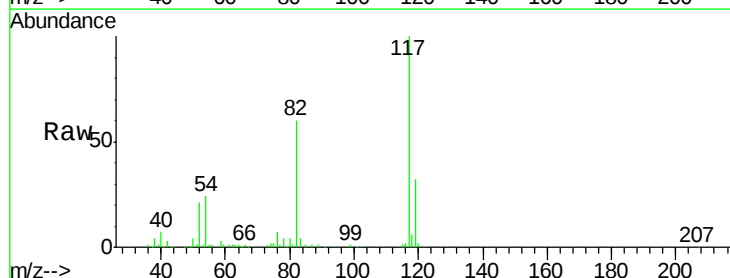
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL01

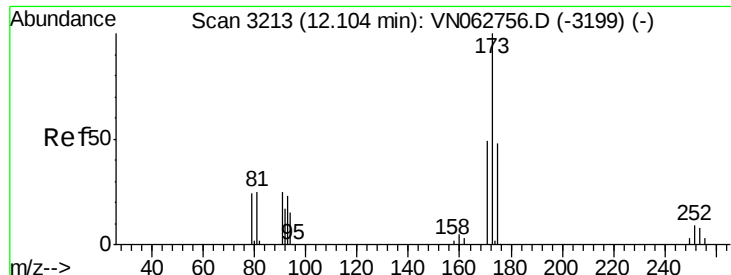
Tot Ion: 95 Resp: 104702
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 144.8
 176 70.7 0.0 142.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN062763.D
 Acq: 6 Aug 2020 13:38

Tgt Ion: 117 Resp: 226327
 Ion Ratio Lower Upper
 117 100
 82 60.3 49.0 73.4
 119 31.6 26.2 39.2

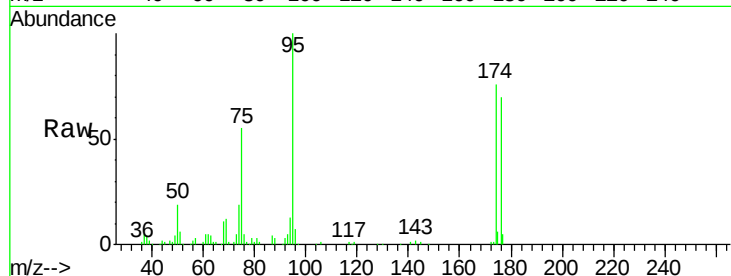




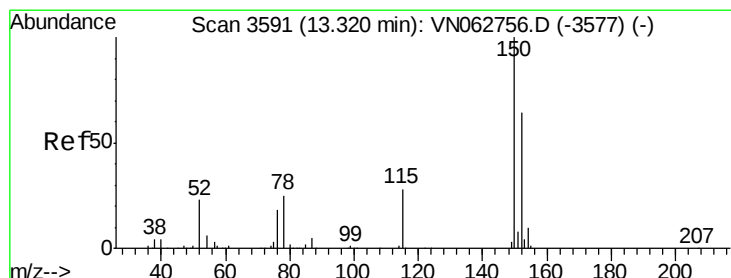
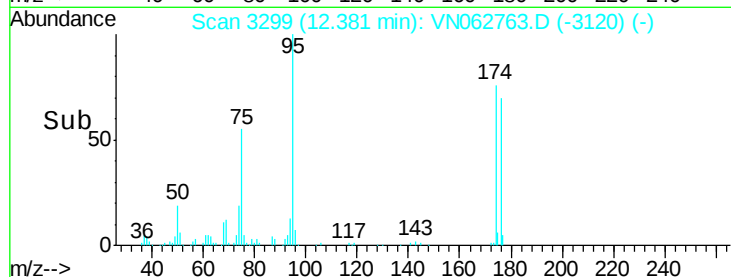
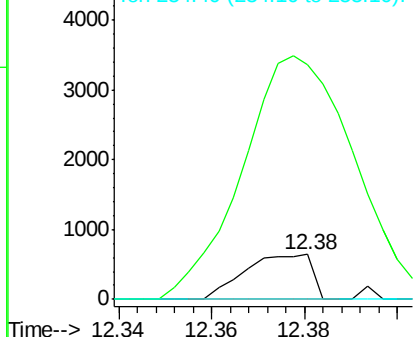
#71
Bromoform
Concen: 0.417 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.28 min
Lab File: VN062763.D
Acq: 6 Aug 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBL01

Tot Ion:173 Resp: 648
Ion Ratio Lower Upper
173 100
175 797.2 24.0 72.0#
254 0.0 0.0 0.0

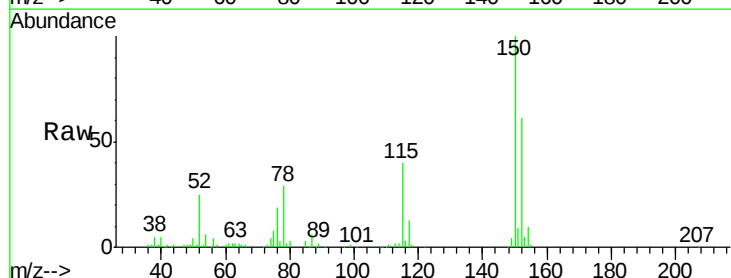


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

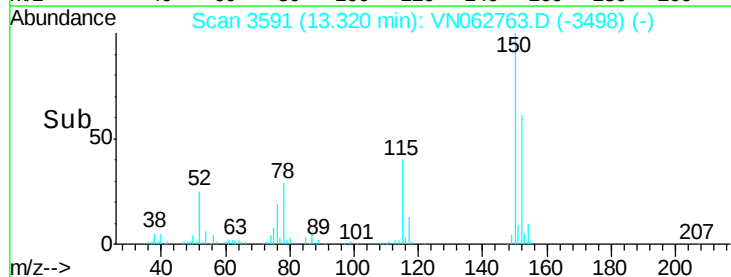
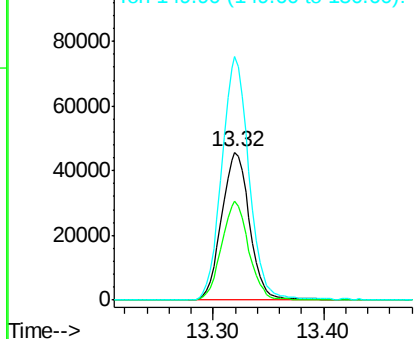


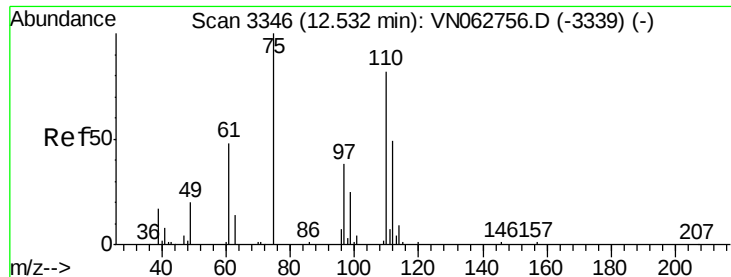
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062763.D
Acq: 6 Aug 2020 13:38

Tgt Ion:152 Resp: 80460
Ion Ratio Lower Upper
152 100
115 64.7 31.6 94.8
150 159.5 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

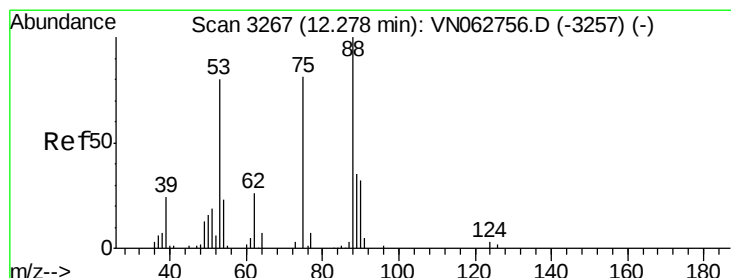
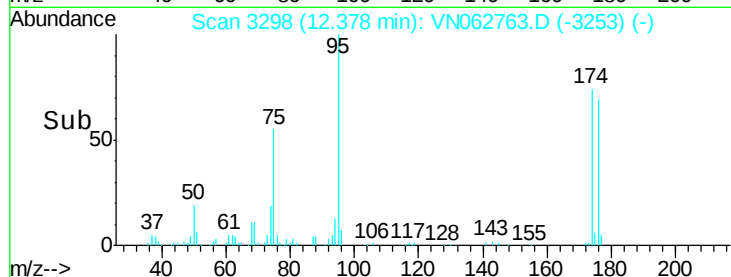
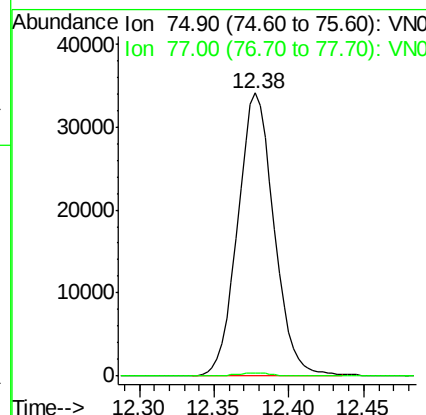
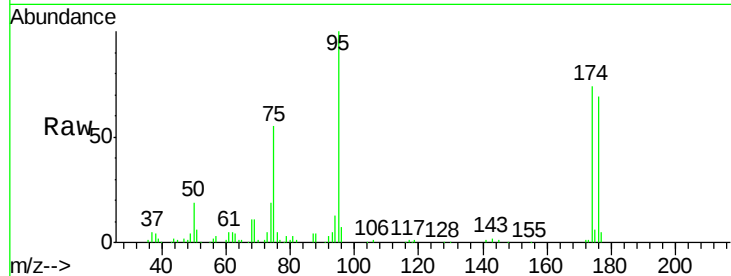




#76
 1,2,3-Trichloropropane
 Concen: 26.567 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062763.D
 Acq: 6 Aug 2020 13:38

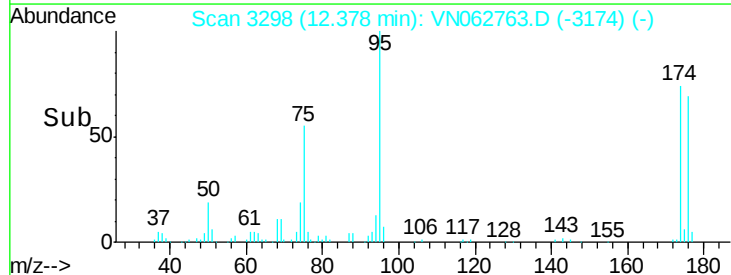
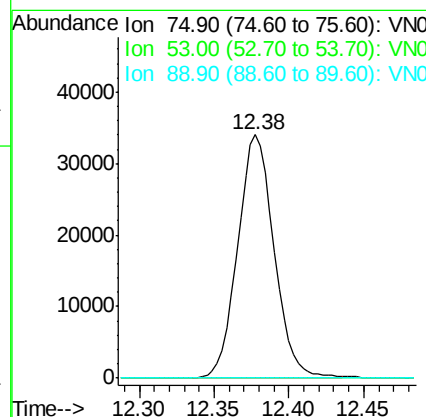
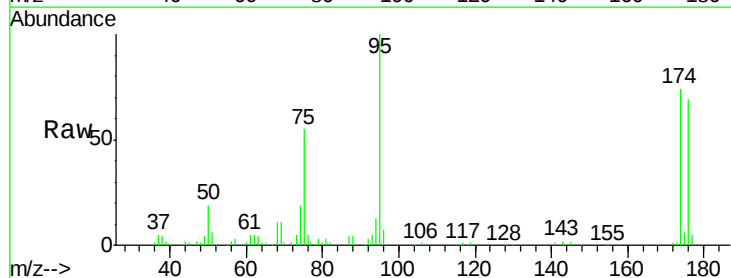
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL01

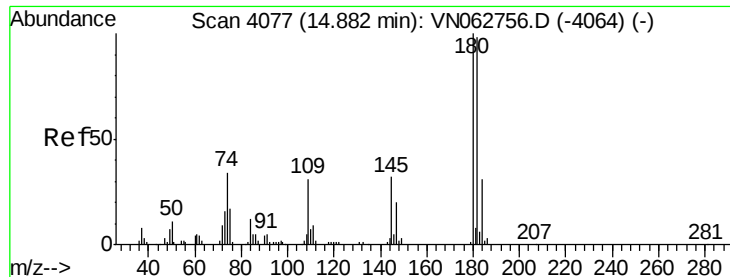
Tot Ion: 75 Resp: 57649
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.103 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062763.D
 Acq: 6 Aug 2020 13:38

Tgt Ion: 75 Resp: 57649
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.0 36.2 54.2#

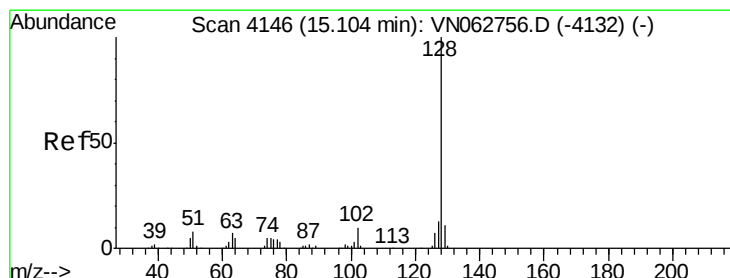
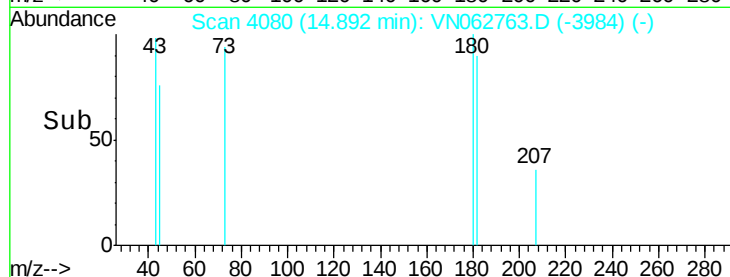
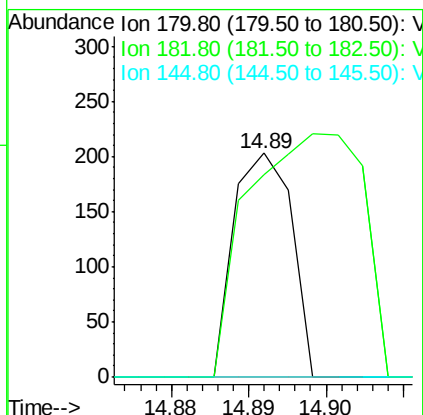
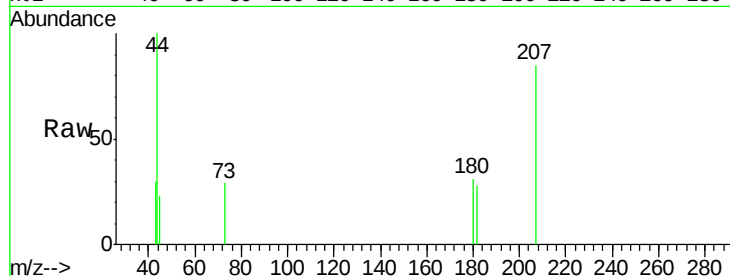




#93
 1,2,4-Trichlorobenzene
 Concen: 3.395 ug/l
 RT: 14.89 min Scan# 4080
 Delta R.T. 0.01 min
 Lab File: VN062763.D
 Acq: 6 Aug 2020 13:38

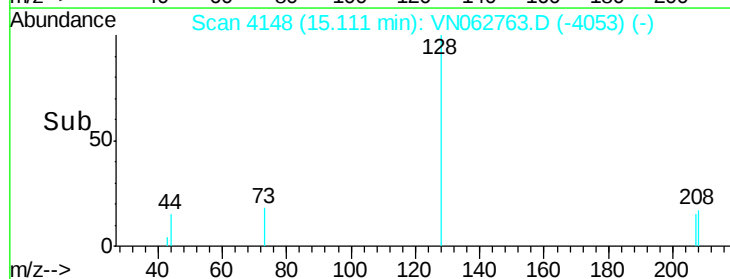
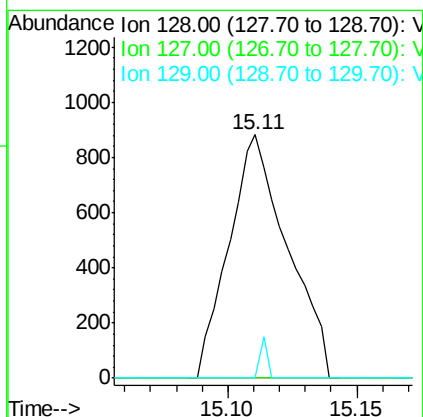
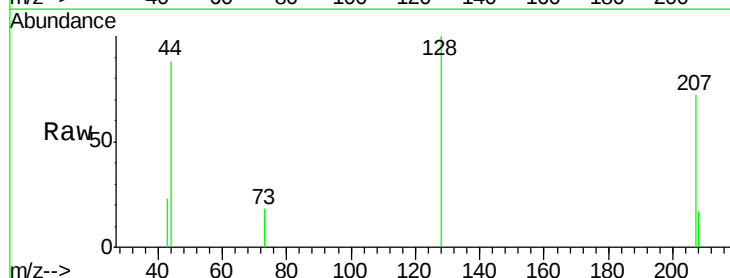
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL01

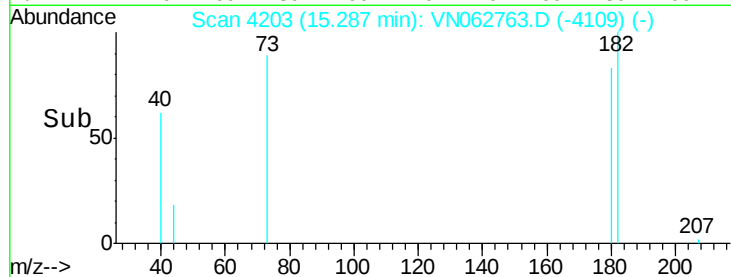
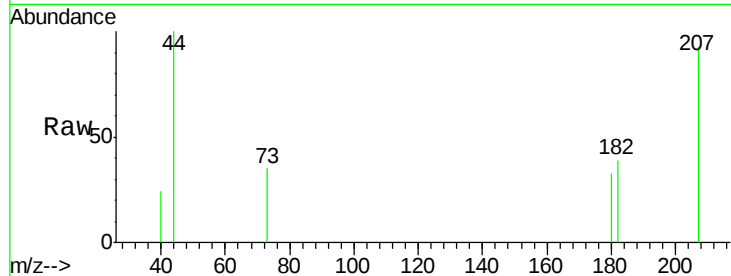
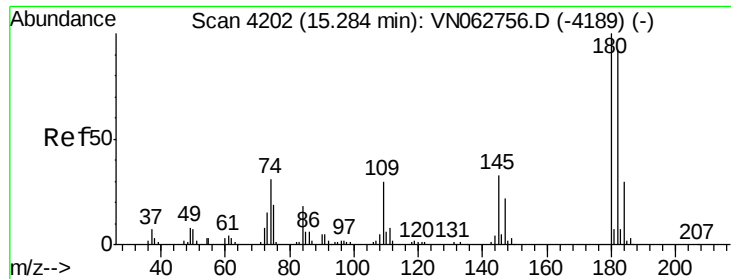
Tot Ion:180 Resp: 106
 Ion Ratio Lower Upper
 180 100
 182 214.2 49.1 147.4#
 145 0.0 16.3 48.8#



#95
 Naphthalene
 Concen: 4.058 ug/l
 RT: 15.11 min Scan# 4148
 Delta R.T. 0.01 min
 Lab File: VN062763.D
 Acq: 6 Aug 2020 13:38

Tgt Ion:128 Resp: 1398
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 2.1 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.878 ug/l
 RT: 15.29 min Scan# 4203
 Delta R.T. 0.00 min
 Lab File: VN062763.D
 Acq: 6 Aug 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	143.8	47.9	143.6#
145	0.0	17.3	51.7#

