

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062016.D
 Acq On : 22 Jun 2020 23:08
 Operator : JC/MD
 Sample : VN0622WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL02

Quant Time: Jun 23 05:22:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	153807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	281310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	270396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	100164	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	107692	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
35) Dibromofluoromethane	7.55	113	90484	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
50) Toluene-d8	10.06	98	354203	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.38	95	114573	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	

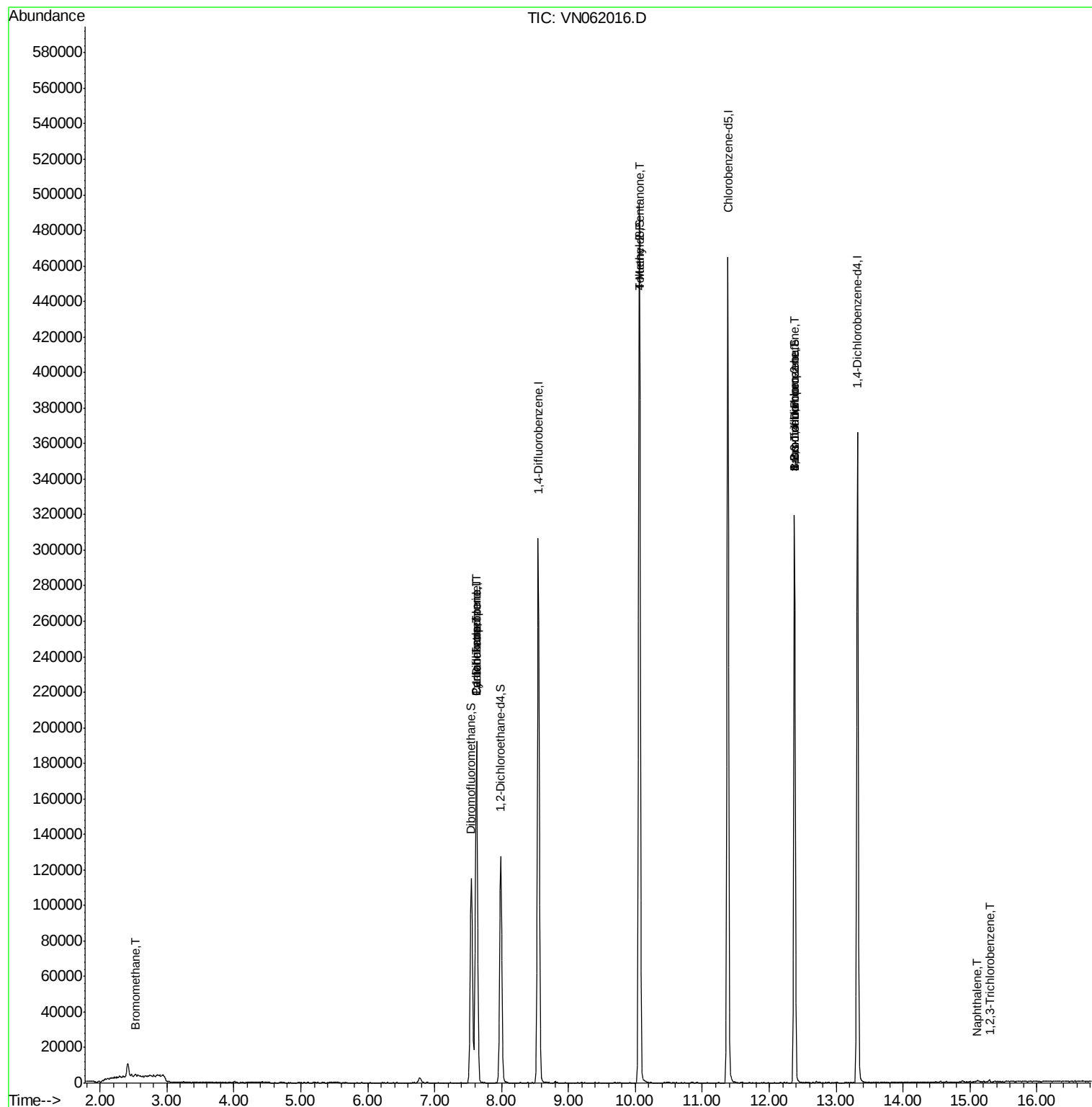
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	398	0.204	ug/l	95
31) Cyclohexane	7.63	56	3377	1.242	ug/l #	22
36) 1,1-Dichloropropene	7.62	75	12939	5.043	ug/l #	47
38) Carbon Tetrachloride	7.63	117	15049	5.923	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1404	0.704	ug/l #	1
71) Bromoform	12.38	173	635	0.438	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	57225	29.100	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	57225	79.369	ug/l #	14
95) Naphthalene	15.11	128	1521	3.767	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.28	180	462	0.314	ug/l #	64

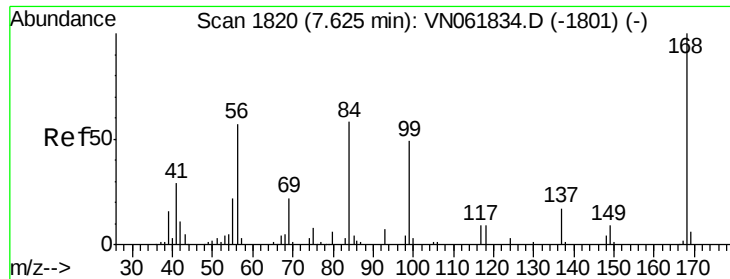
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062220\
Data File : VN062016.D
Acq On : 22 Jun 2020 23:08
Operator : JC/MD
Sample : VN0622WBL02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL02

Quant Time: Jun 23 05:22:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 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: VN062016.D

Acq: 22 Jun 2020 23:08

Instrument :

MSVOA_N

ClientSampleId :

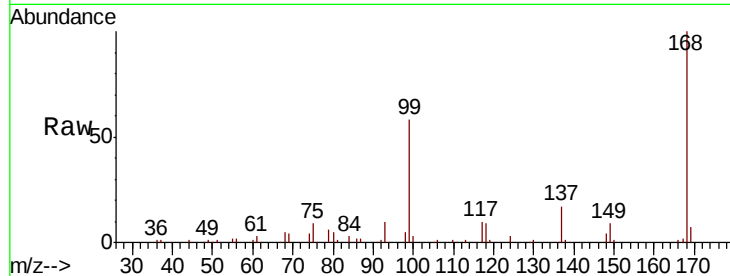
VN0622WBL02

Tot Ion:168 Resp: 153807

Ion Ratio Lower Upper

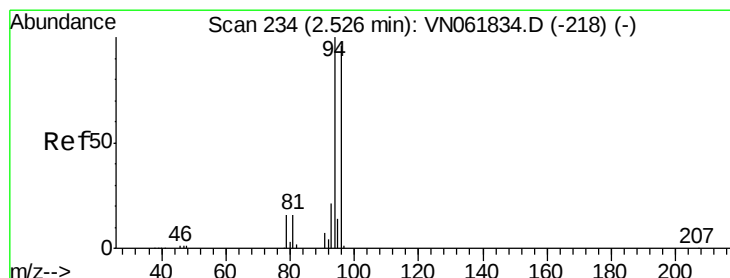
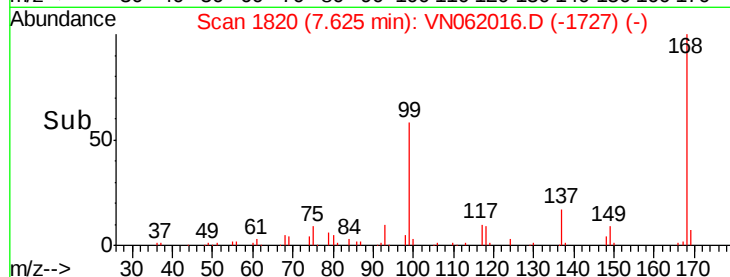
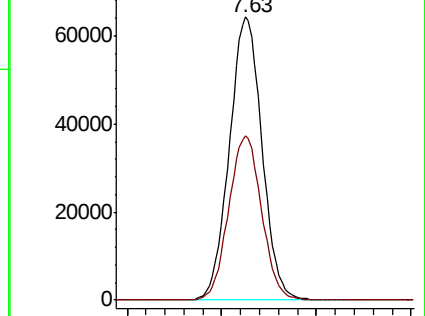
168 100

99 58.2 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#5

Bromomethane

Concen: 0.204 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.02 min

Lab File: VN062016.D

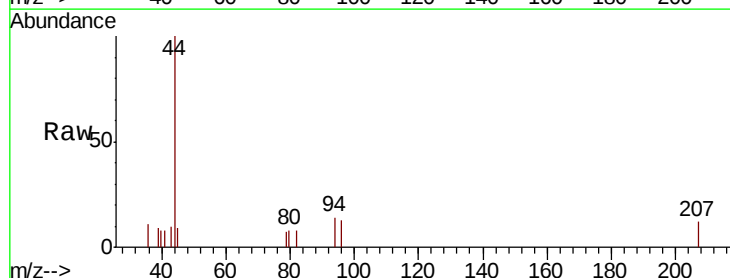
Acq: 22 Jun 2020 23:08

Tgt Ion: 94 Resp: 398

Ion Ratio Lower Upper

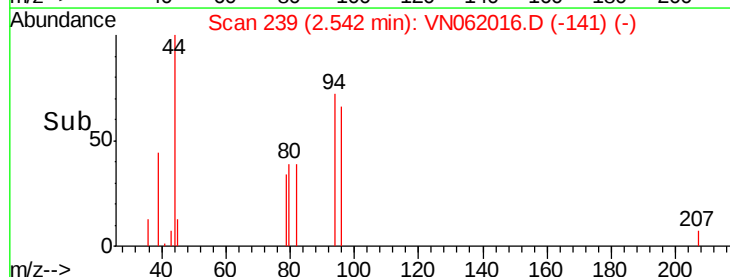
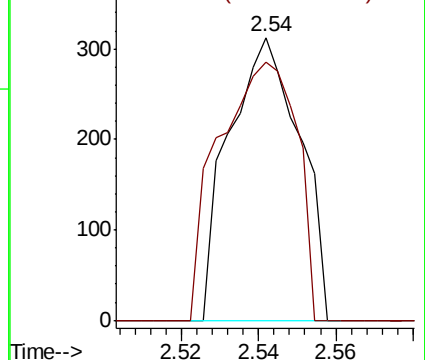
94 100

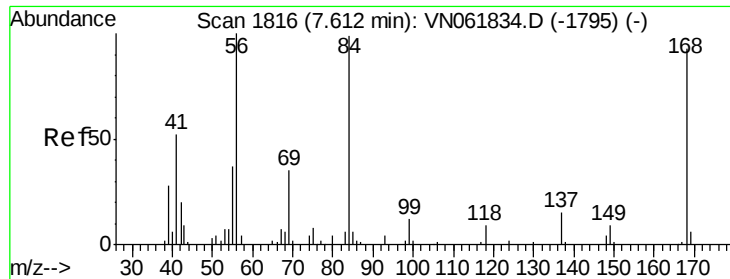
96 91.4 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

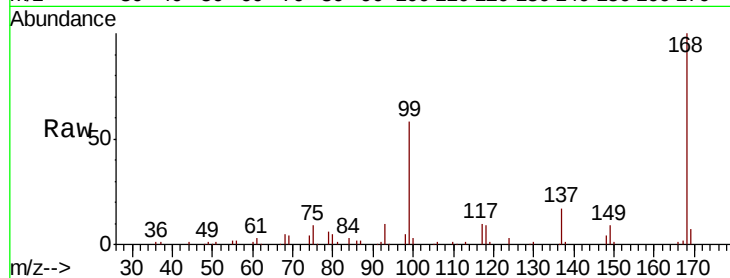




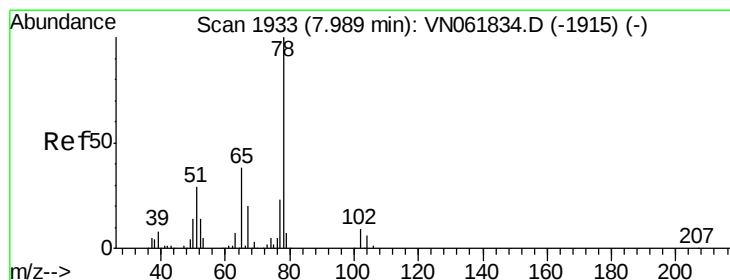
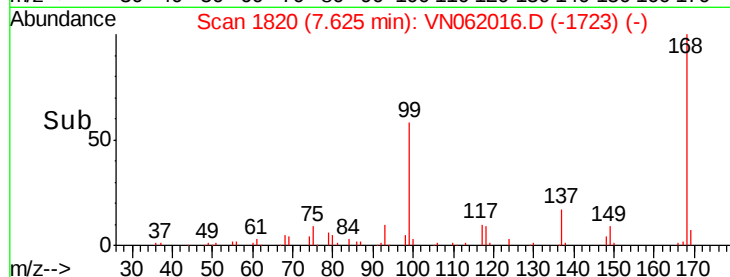
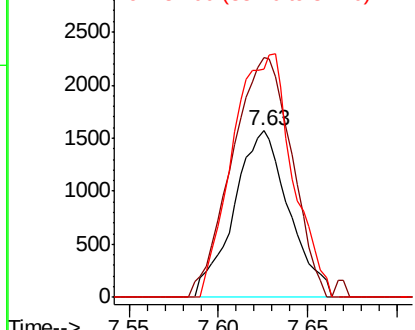
#31
Cyclohexane
Concen: 1.242 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062016.D
Acq: 22 Jun 2020 23:08

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL02

Tot Ion: 56 Resp: 3377
Ion Ratio Lower Upper
56 100
69 143.8 27.7 41.5#
84 137.2 79.1 118.7#

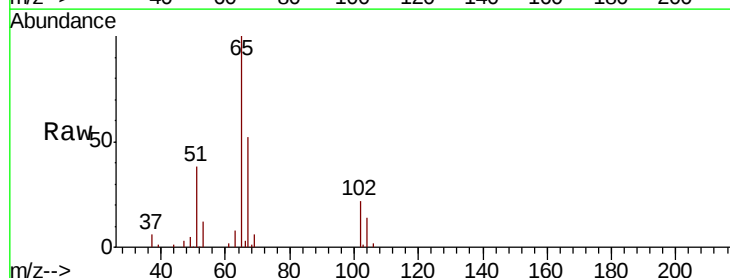


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

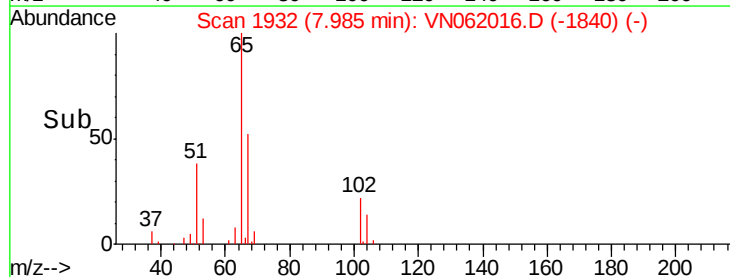
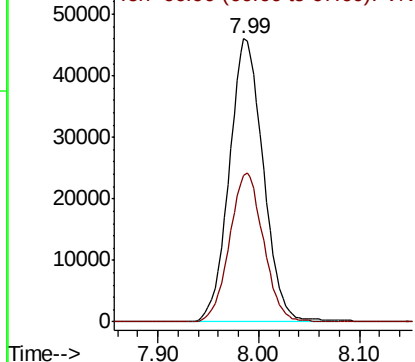


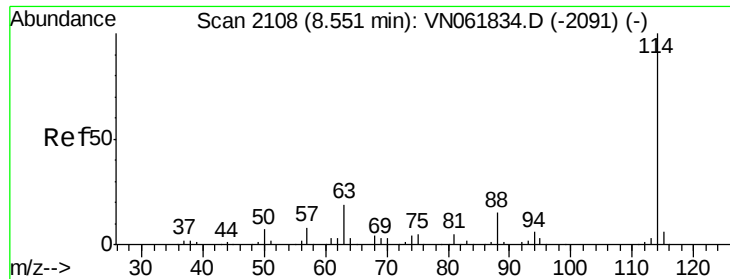
#33
1,2-Dichloroethane-d4
Concen: 52.207 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062016.D
Acq: 22 Jun 2020 23:08

Tgt Ion: 65 Resp: 107692
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

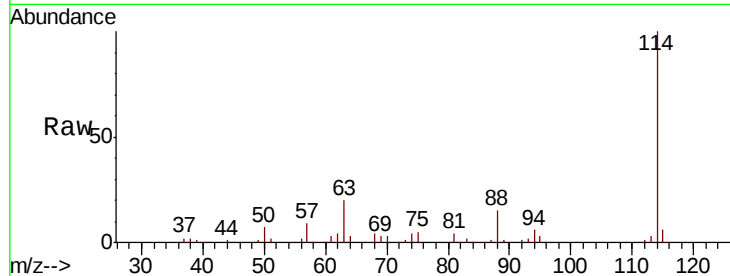




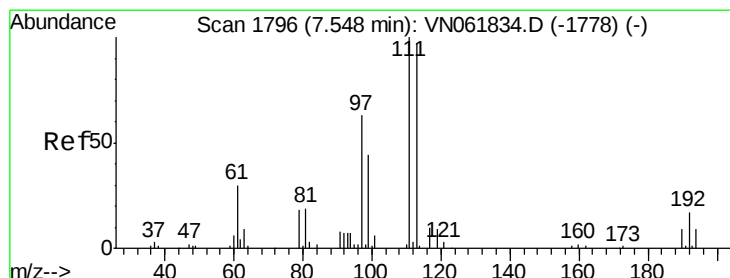
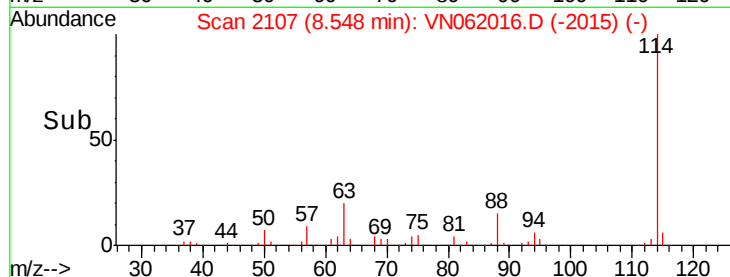
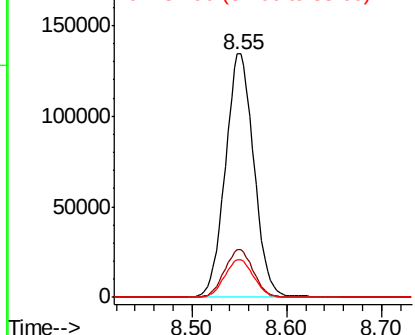
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062016.D
Acq: 22 Jun 2020 23:08

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL02

Tot Ion:114 Resp: 281310
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.6
88 15.5 0.0 31.0

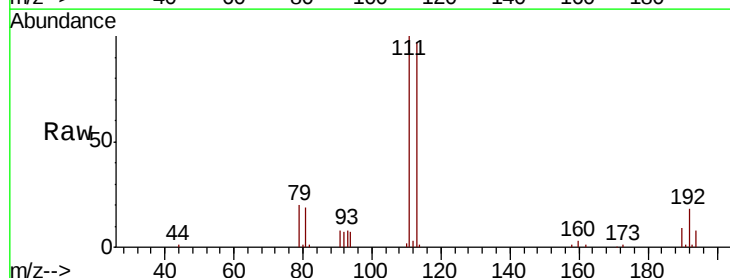


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

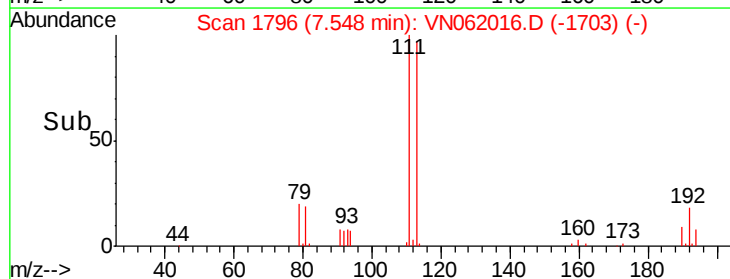
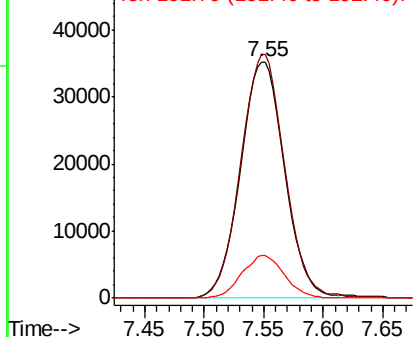


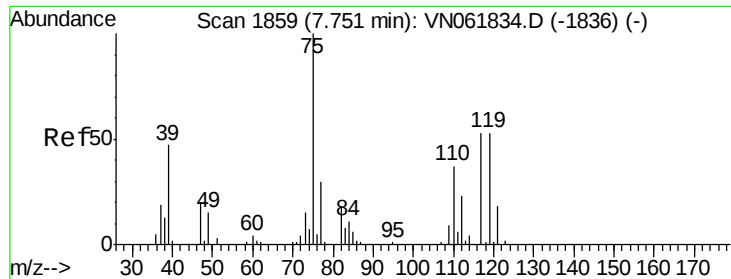
#35
Dibromofluoromethane
Concen: 50.278 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062016.D
Acq: 22 Jun 2020 23:08

Tgt Ion:113 Resp: 90484
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 17.3 13.9 20.9



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

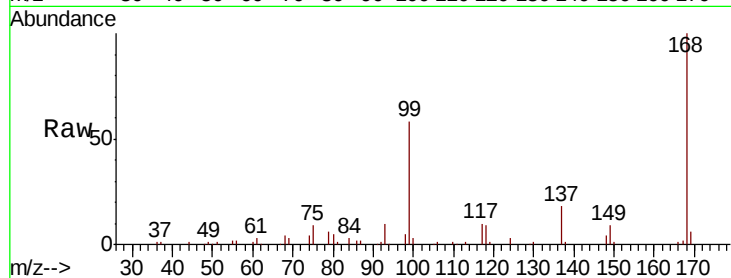




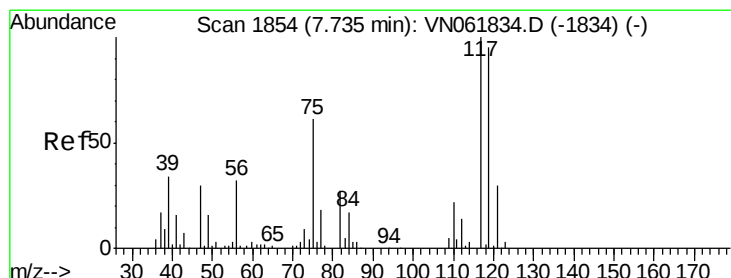
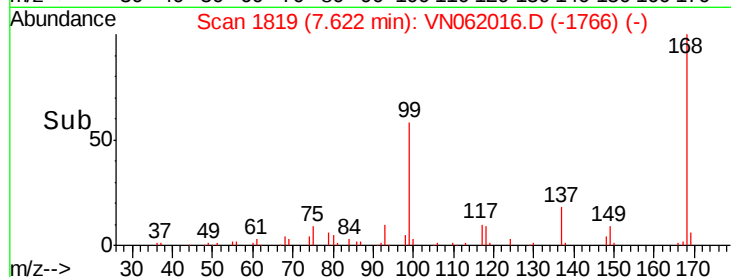
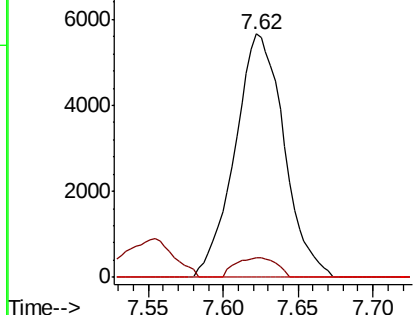
#36
 1,1-Dichloropropene
 Concen: 5.043 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062016.D
 Acq: 22 Jun 2020 23:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL02

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.7	18.2	54.6#
77	0.0	24.2	36.4#

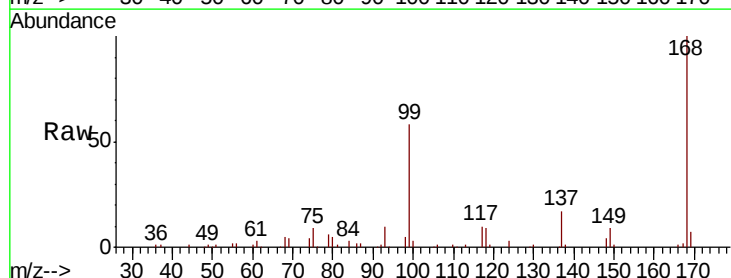


Abundance Ion 74.90 (74.60 to 75.60): VN062016.D (-1766) (-)
 Ion 109.90 (109.60 to 110.60): VN062016.D (-1766) (-)
 Ion 76.90 (76.60 to 77.60): VN062016.D (-1766) (-)

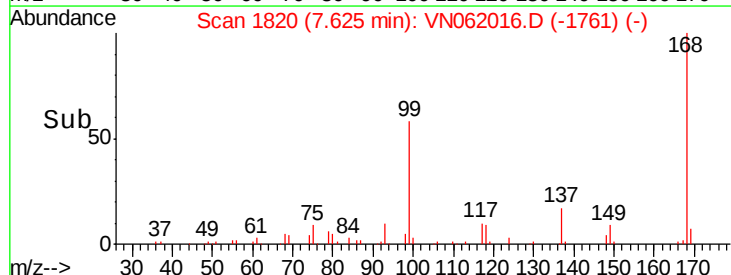
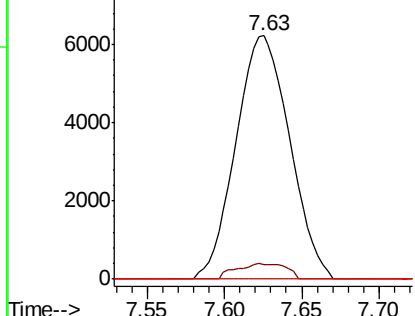


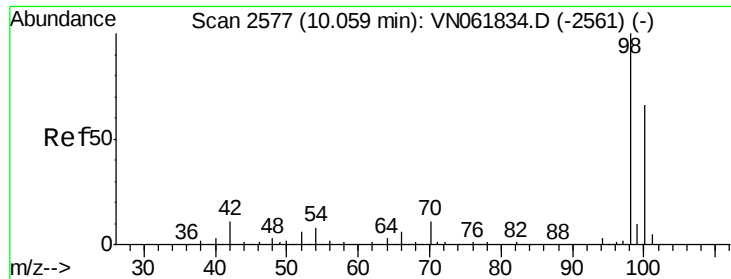
#38
 Carbon Tetrachloride
 Concen: 5.923 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062016.D
 Acq: 22 Jun 2020 23:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.8	113.6#
121	0.0	23.8	35.6#



Abundance Ion 116.80 (116.50 to 117.50): VN062016.D (-1761) (-)
 Ion 118.80 (118.50 to 119.50): VN062016.D (-1761) (-)
 Ion 120.80 (120.50 to 121.50): VN062016.D (-1761) (-)





#50

Toluene-d8

Concen: 50.062 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062016.D

Acq: 22 Jun 2020 23:08

Instrument :

MSVOA_N

ClientSampleId :

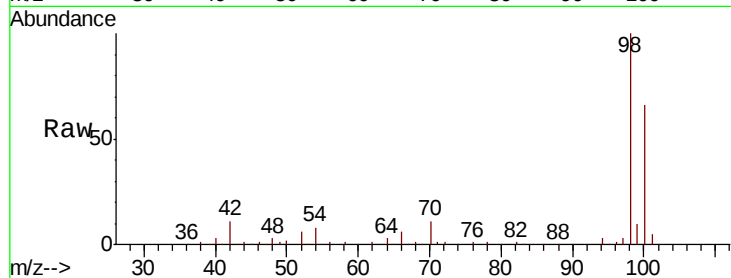
VN0622WBL02

Tot Ion: 98 Resp: 354203

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

200000

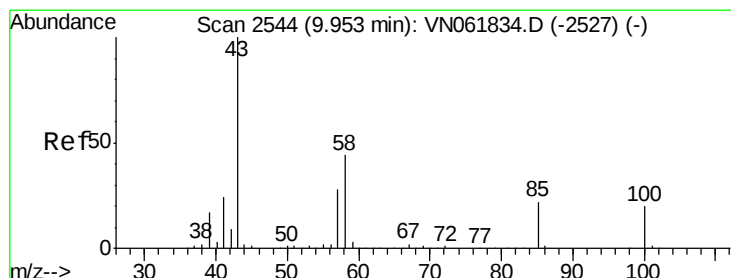
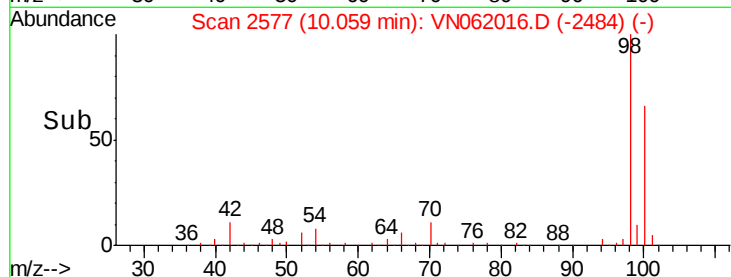
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.704 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. 0.10 min

Lab File: VN062016.D

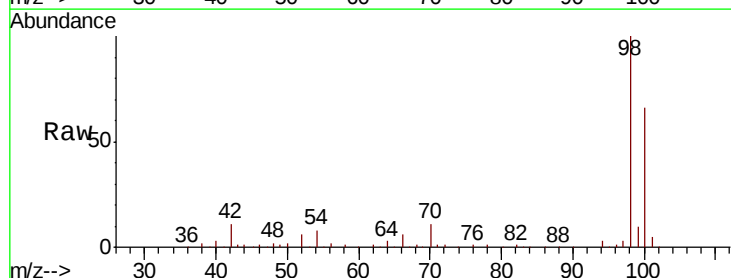
Acq: 22 Jun 2020 23:08

Tgt Ion: 43 Resp: 1404

Ion Ratio Lower Upper

43 100

58 179.8 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

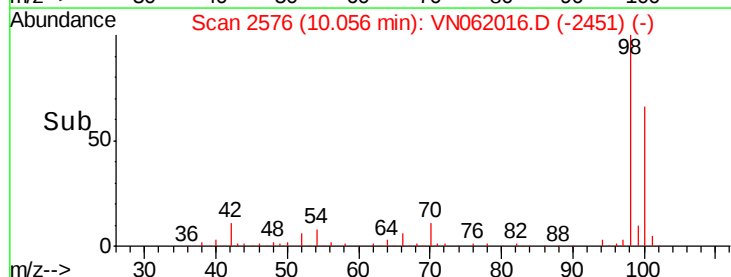
1500

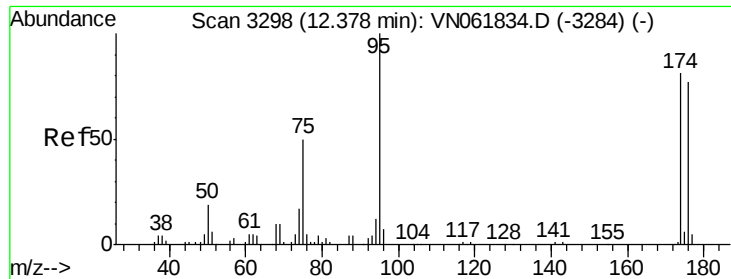
1000

500

0

Time-->

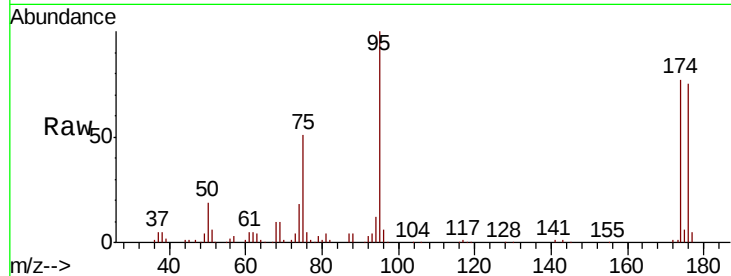




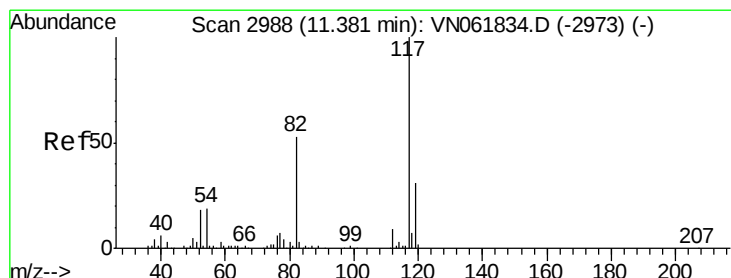
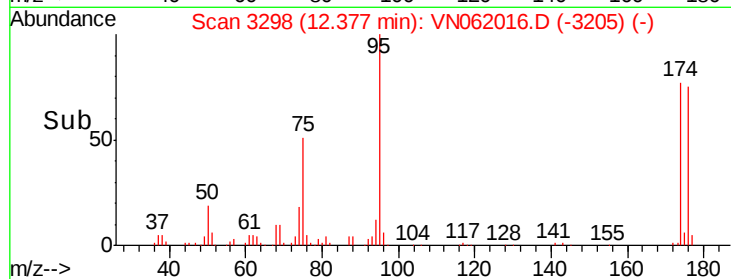
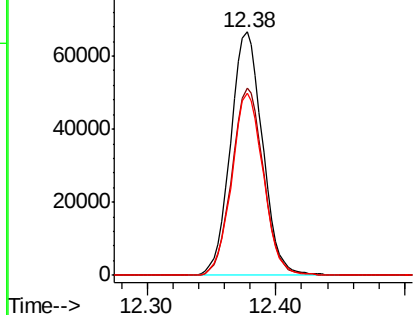
#62
4-Bromofluorobenzene
Concen: 47.209 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062016.D
Acq: 22 Jun 2020 23:08

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL02

Tot Ion: 95 Resp: 114573
Ion Ratio Lower Upper
95 100
174 76.2 0.0 158.6
176 74.2 0.0 152.0

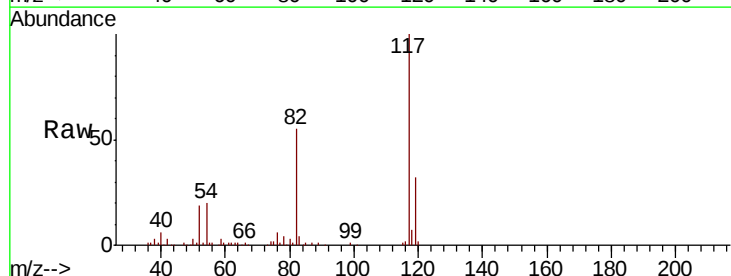


Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)
Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)
Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

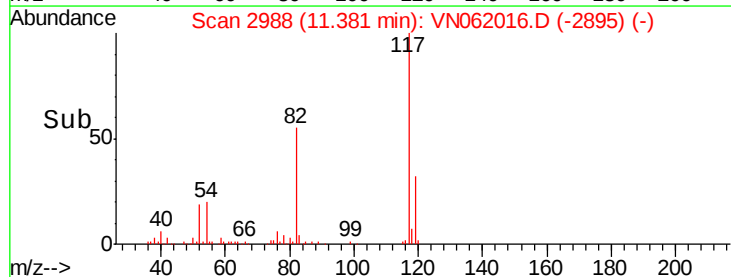
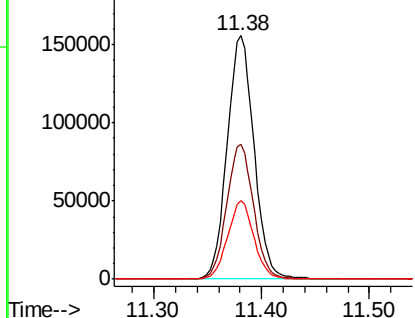


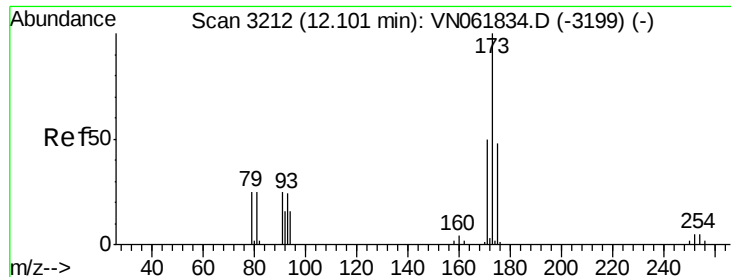
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062016.D
Acq: 22 Jun 2020 23:08

Tgt Ion: 117 Resp: 270396
Ion Ratio Lower Upper
117 100
82 55.3 42.6 64.0
119 32.3 24.7 37.1



Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)
Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)
Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#71

Bromoform

Concen: 0.438 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062016.D

Acq: 22 Jun 2020 23:08

Instrument :

MSVOA_N

ClientSampled :

VN0622WBL02

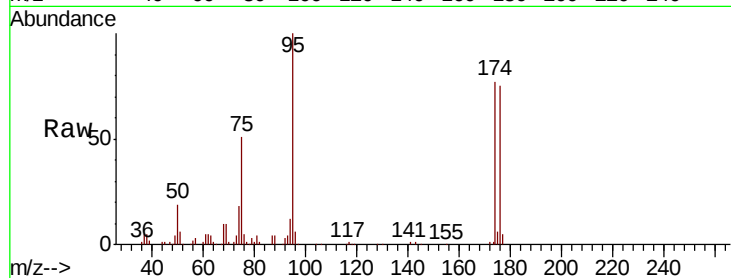
Tot Ion:173 Resp: 635

Ion Ratio Lower Upper

173 100

175 890.9 23.9 71.7#

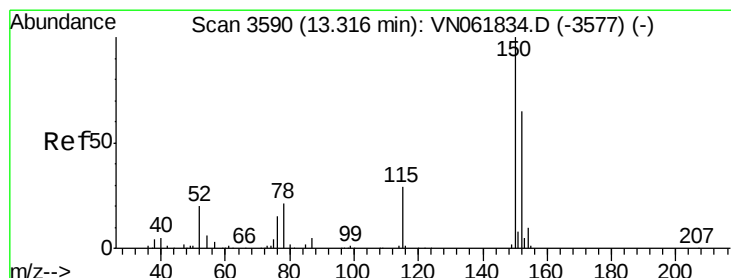
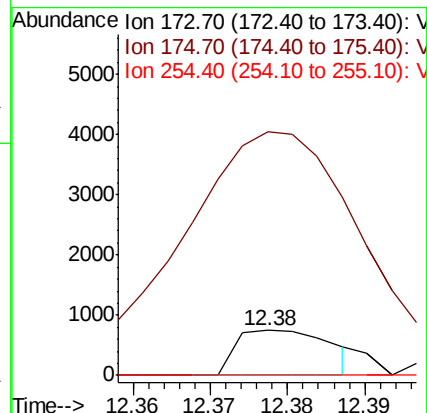
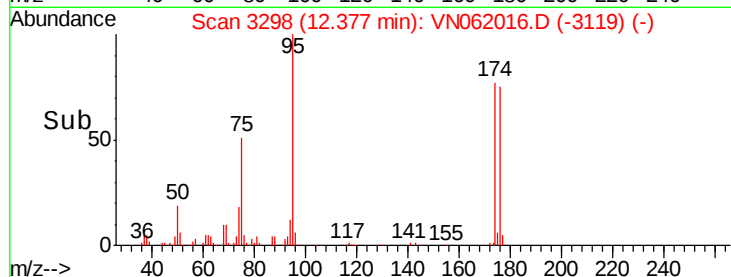
254 0.0 0.0 0.0



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: VN062016.D

Acq: 22 Jun 2020 23:08

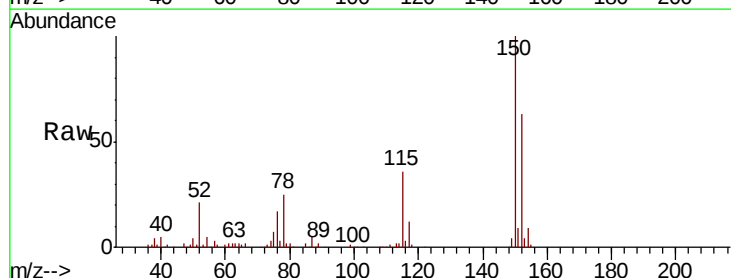
Tgt Ion:152 Resp: 100164

Ion Ratio Lower Upper

152 100

115 58.4 29.1 87.3

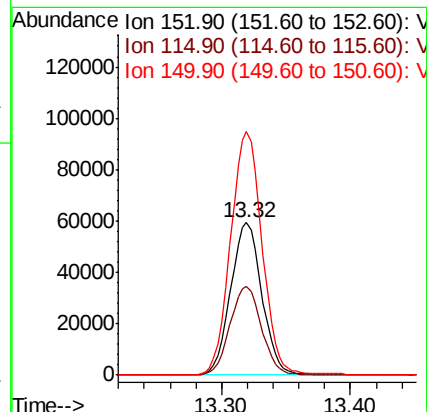
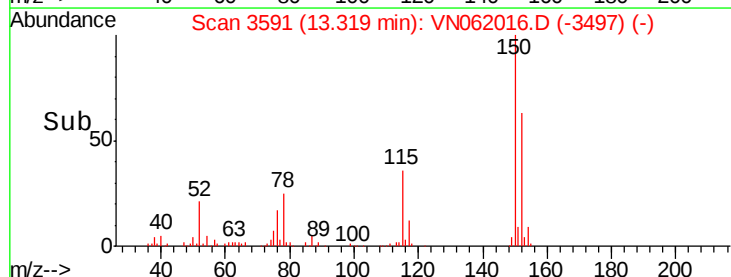
150 160.3 0.0 347.6

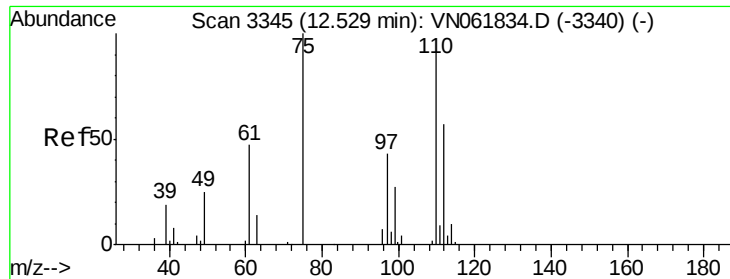


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 29.100 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062016.D

Acq: 22 Jun 2020 23:08

Instrument :

MSVOA_N

ClientSampleId :

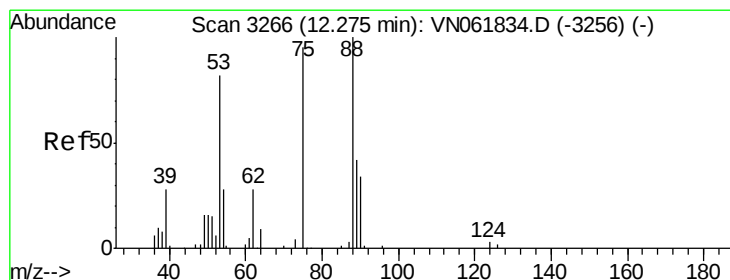
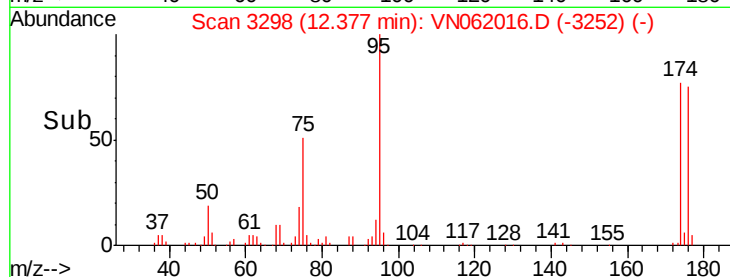
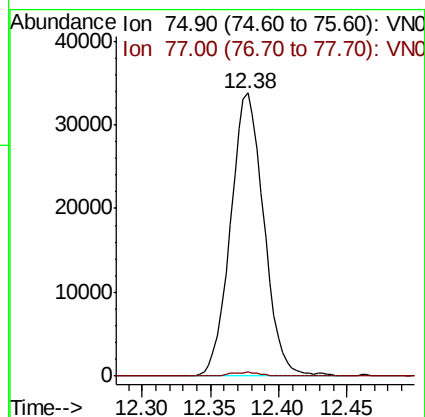
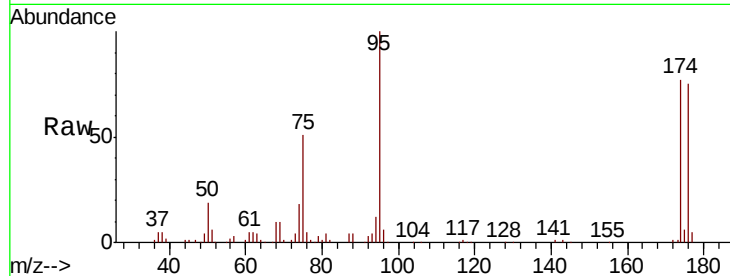
VN0622WBL02

Tot Ion: 75 Resp: 57225

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.369 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062016.D

Acq: 22 Jun 2020 23:08

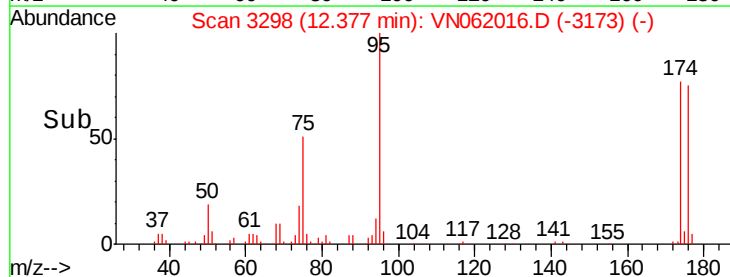
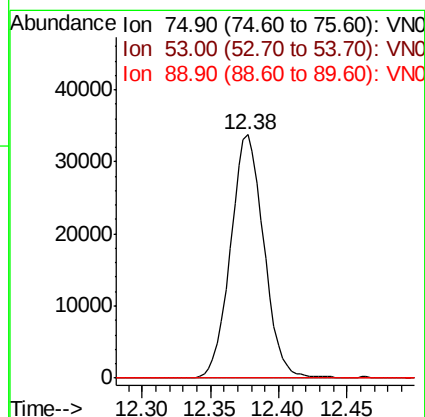
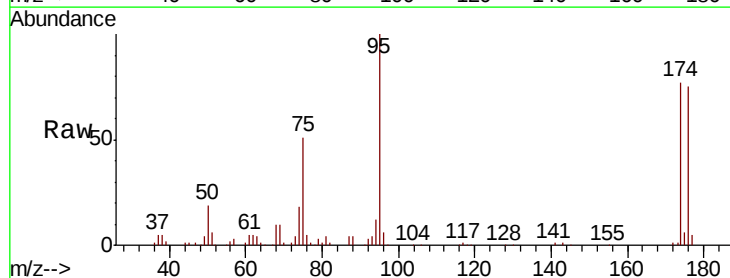
Tgt Ion: 75 Resp: 57225

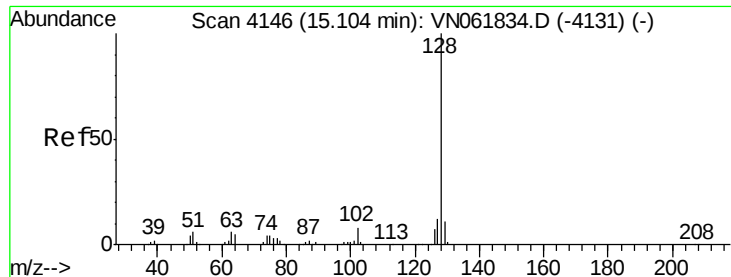
Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

89 0.0 36.0 54.0#

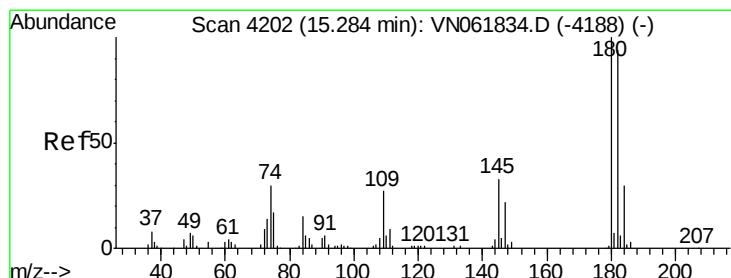
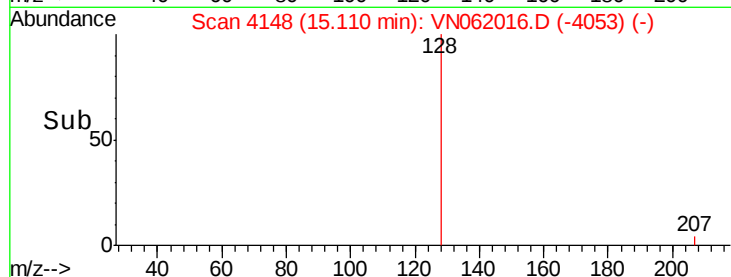
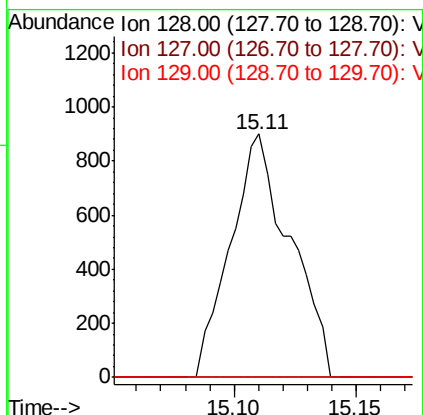
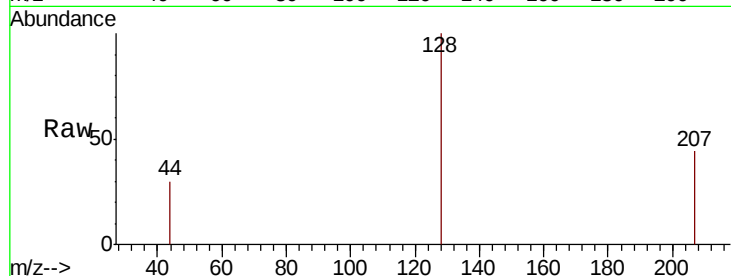




#95
Naphthalene
Concen: 3.767 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062016.D
Acq: 22 Jun 2020 23:08

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL02

Tot Ion:128 Resp: 1521
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.314 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062016.D
Acq: 22 Jun 2020 23:08

Tgt Ion:180 Resp: 462
Ion Ratio Lower Upper
180 100
182 64.7 47.9 143.6
145 6.3 16.5 49.5#

