

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063592.D
 Acq On : 23 Sep 2020 16:30
 Operator : JC/MD
 Sample : L4116-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS037-200922

Quant Time: Sep 24 02:36:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	397034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165699	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	181663	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
35) Dibromofluoromethane	7.55	113	131664	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
50) Toluene-d8	10.06	98	510038	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.38	95	202550	54.03	ug/l	0.00
Spiked Amount			Recovery	=	108.06%	

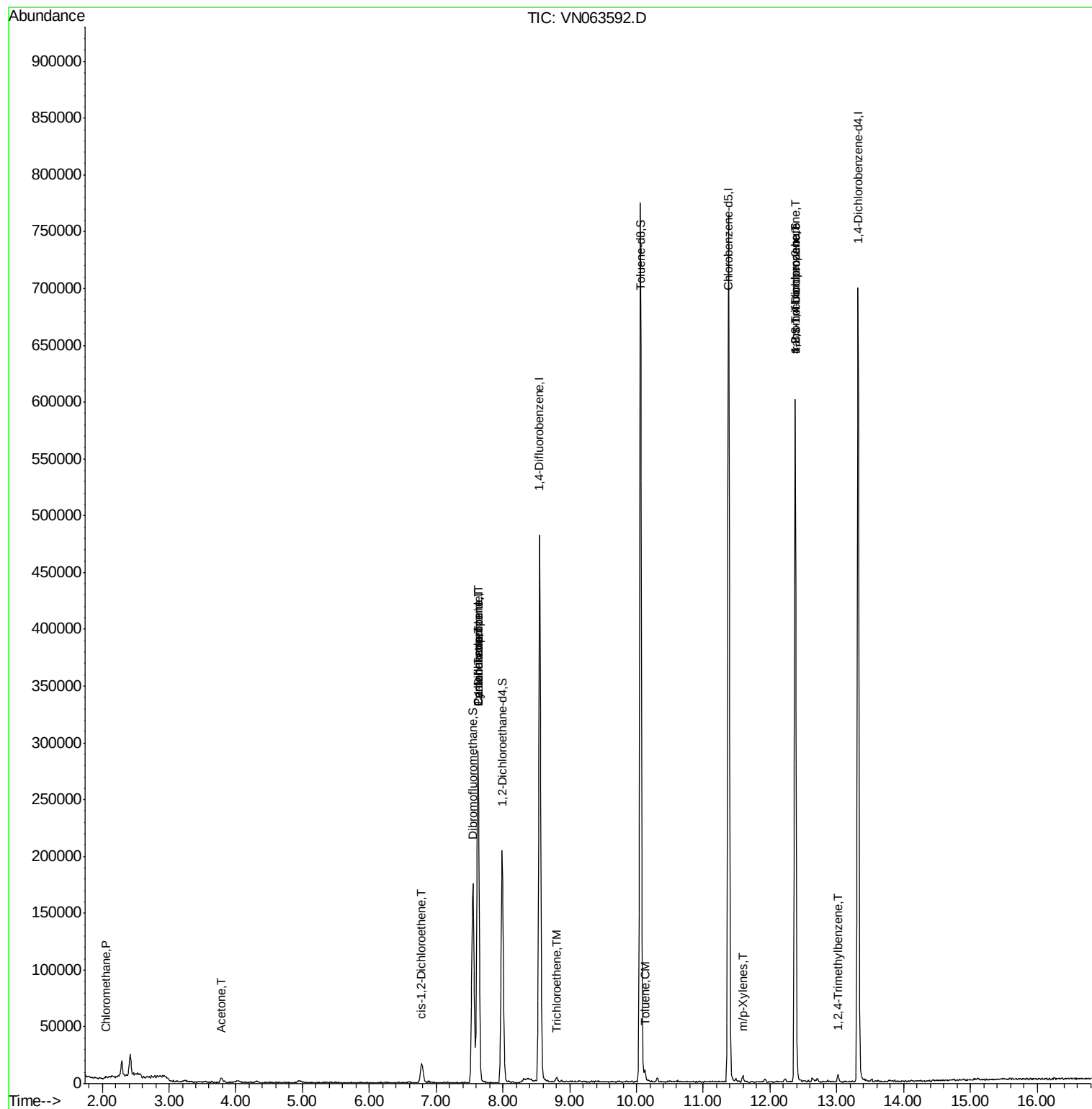
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	762	0.240	ug/l	99
16) Acetone	3.78	43	6857	5.923	ug/l	91
27) cis-1,2-Dichloroethene	6.79	96	10235	3.418	ug/l	92
31) Cyclohexane	7.62	56	6647	1.336	ug/l #	41
36) 1,1-Dichloropropene	7.62	75	20827	4.977	ug/l #	50
38) Carbon Tetrachloride	7.63	117	24666	5.774	ug/l #	17
44) Trichloroethene	8.80	130	1229	0.424	ug/l	42
52) Toluene	10.13	92	3107	0.433	ug/l	98
68) m/p-Xylenes	11.60	106	1411	0.247	ug/l #	68
76) 1,2,3-Trichloropropane	12.38	75	111536	27.195	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	111536	74.559	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.02	105	4253	0.380	ug/l	84

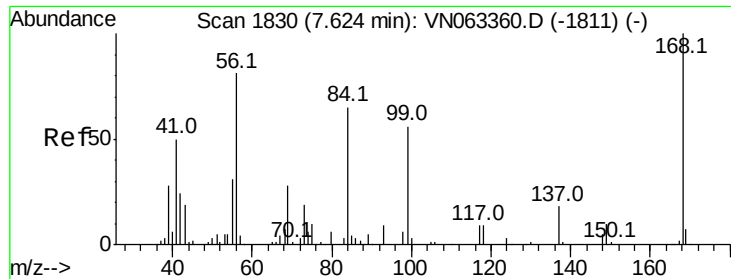
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063592.D
Acq On : 23 Sep 2020 16:30
Operator : JC/MD
Sample : L4116-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200922

Quant Time: Sep 24 02:36:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

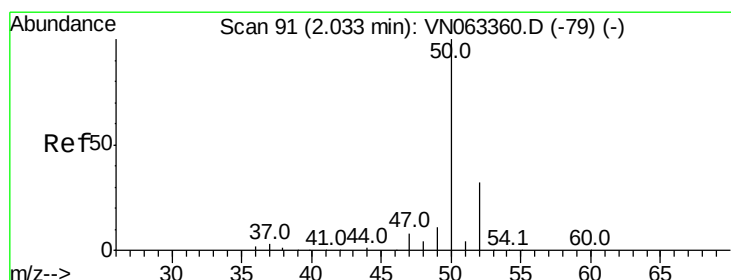
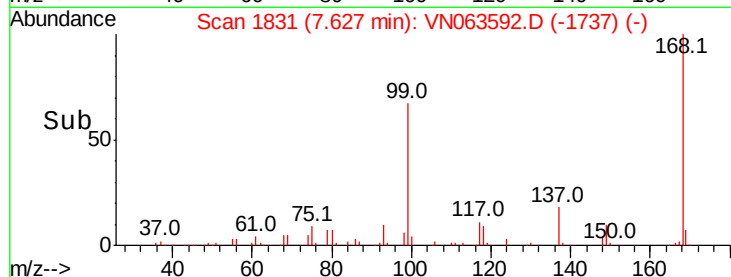
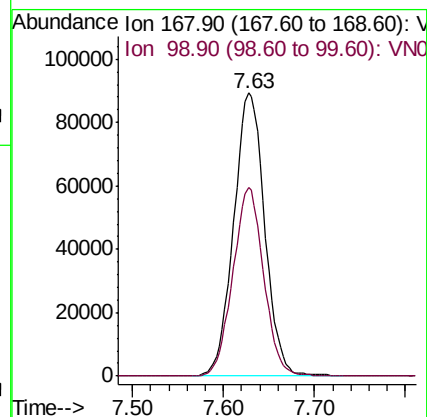
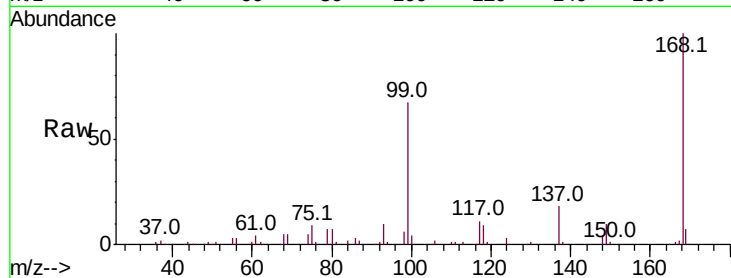




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

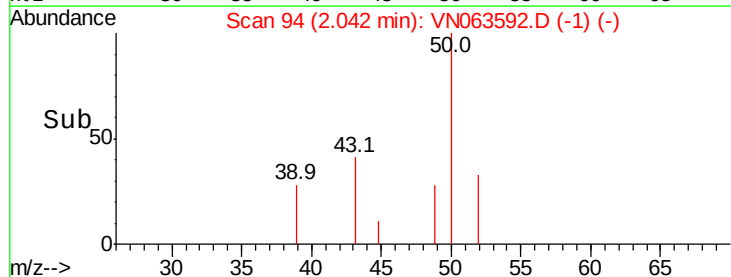
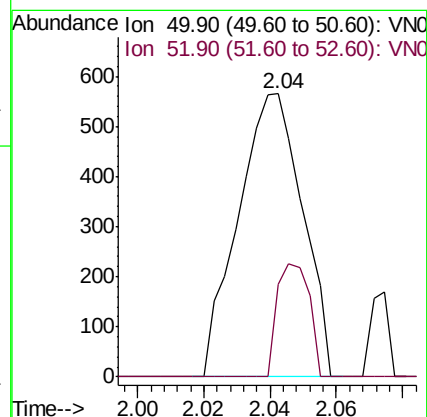
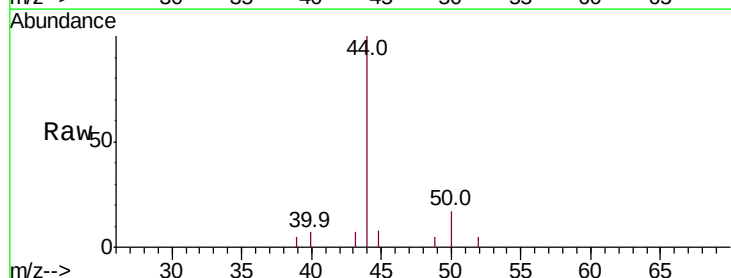
Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200922

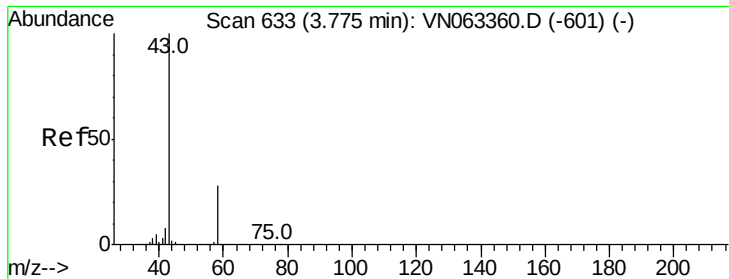
Tot Ion:168 Resp: 211620
Ion Ratio Lower Upper
168 100
99 66.8 53.0 79.6



#3
Chloromethane
Concen: 0.240 ug/l
RT: 2.04 min Scan# 94
Delta R.T. 0.01 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Tgt Ion: 50 Resp: 762
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9





#16

Acetone

Concen: 5.923 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

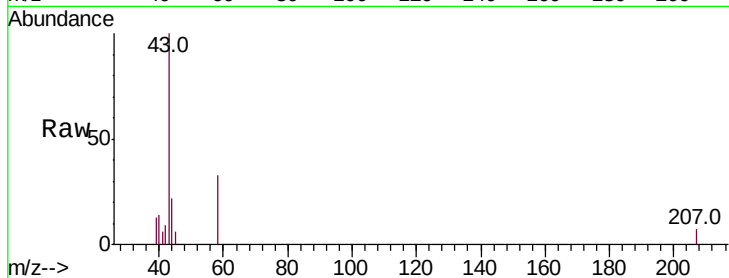
KY038PS037-200922

Tot Ion: 43 Resp: 6857

Ion Ratio Lower Upper

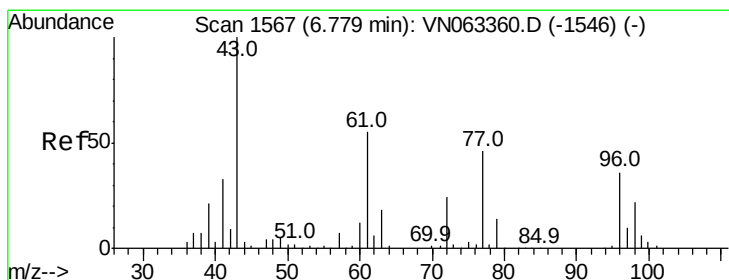
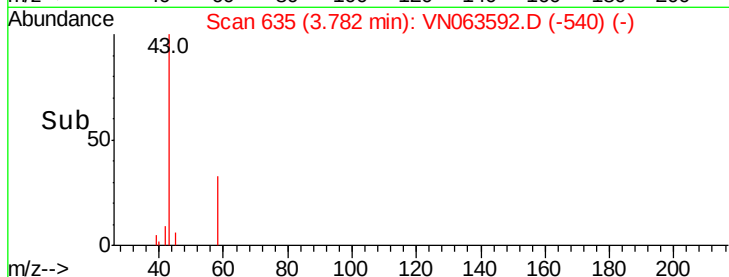
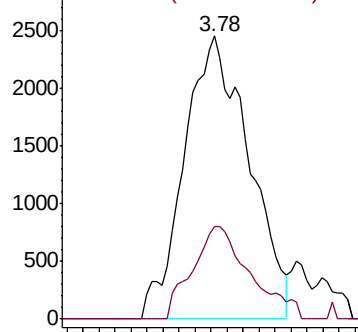
43 100

58 32.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 3.418 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

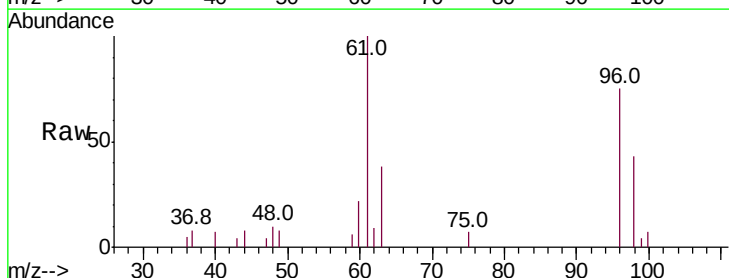
Tgt Ion: 96 Resp: 10235

Ion Ratio Lower Upper

96 100

61 147.1 0.0 319.6

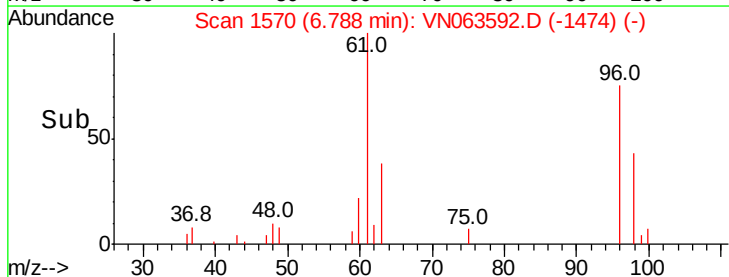
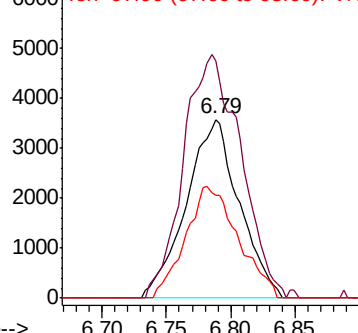
98 62.1 0.0 127.8

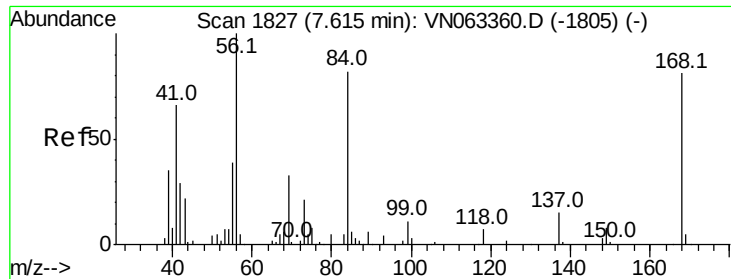


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

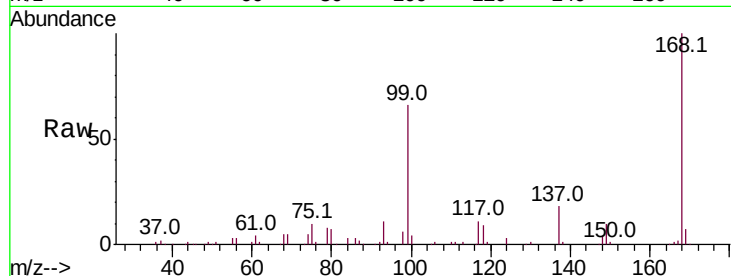




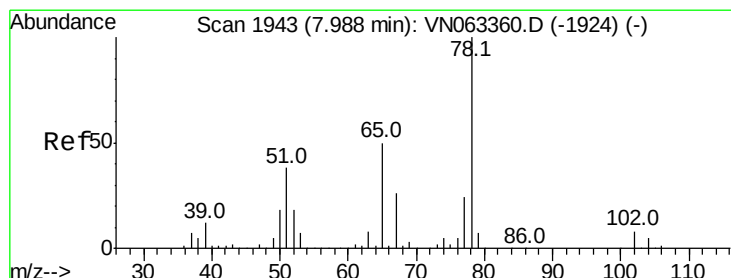
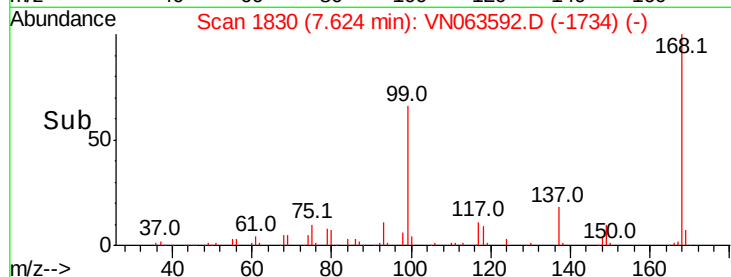
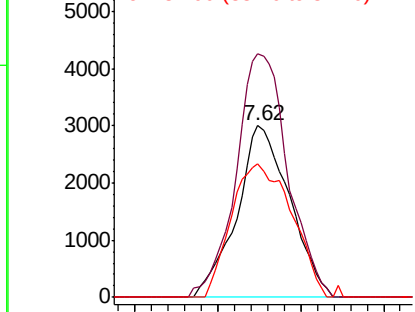
#31
Cyclohexane
Concen: 1.336 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200922

Tot Ion: 56 Resp: 6647
Ion Ratio Lower Upper
56 100
69 142.1 26.1 39.1#
84 77.9 65.4 98.2

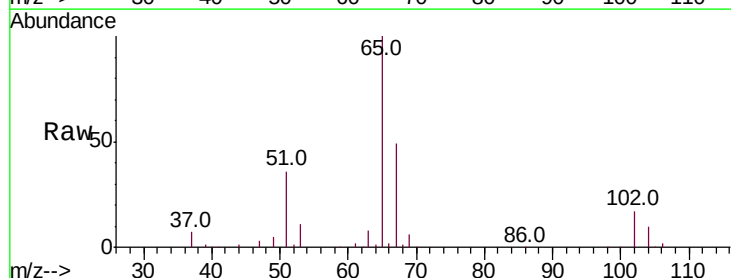


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

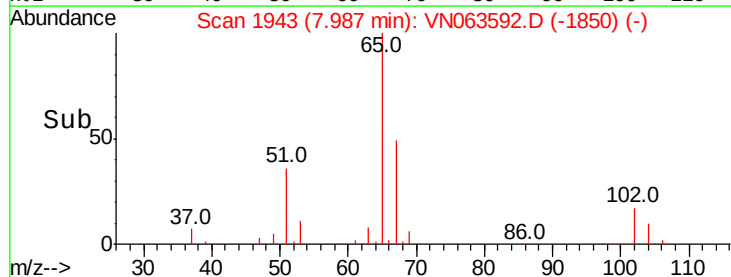
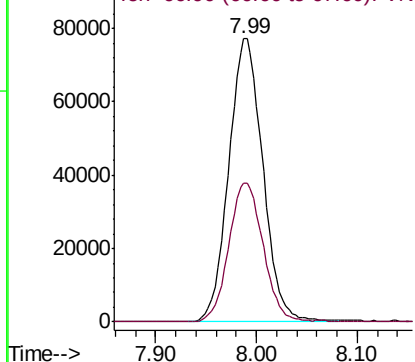


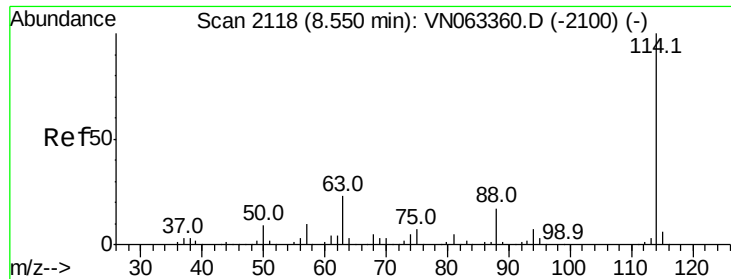
#33
1,2-Dichloroethane-d4
Concen: 50.429 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Tgt Ion: 65 Resp: 181663
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.2



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

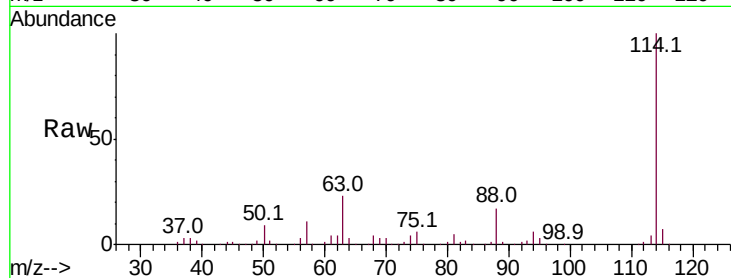




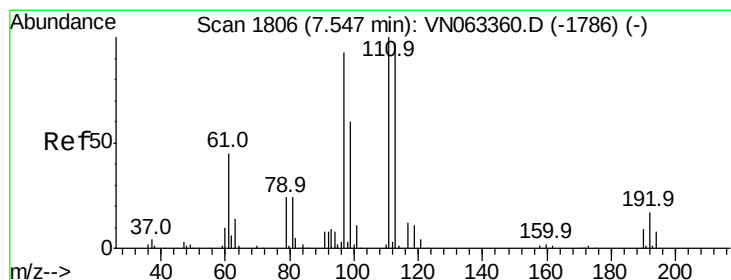
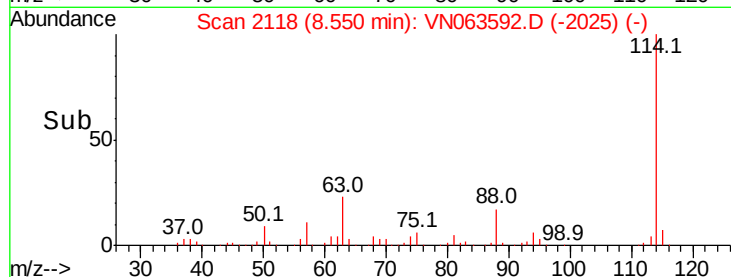
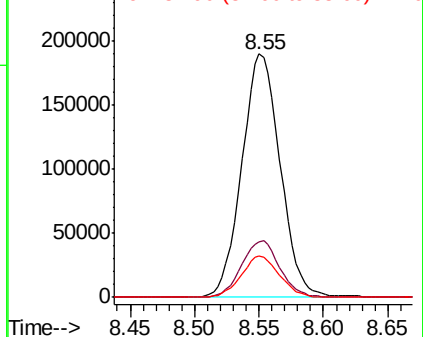
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063592.D
 Acq: 23 Sep 2020 16:30

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS037-200922

Tot Ion:	114	Resp:	392826
Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	46.4
88	17.2	0.0	33.2

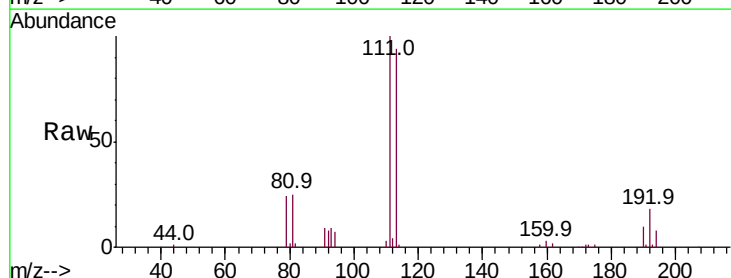


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

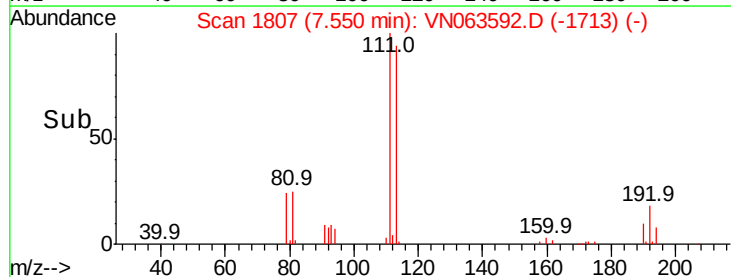
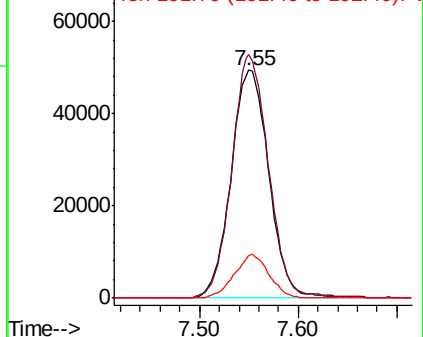


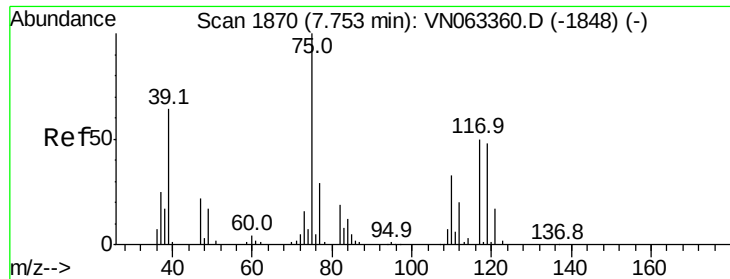
#35
 Dibromofluoromethane
 Concen: 48.416 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063592.D
 Acq: 23 Sep 2020 16:30

Tgt Ion:	113	Resp:	131664
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	17.4	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: 4.977 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

KY038PS037-200922

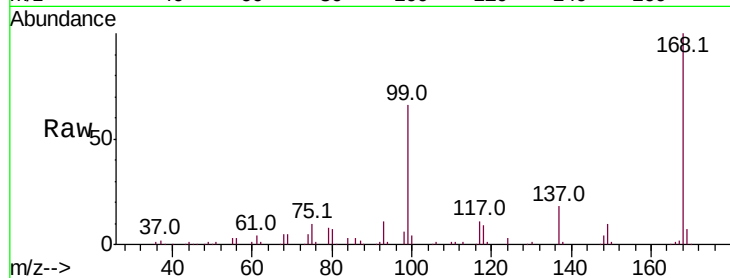
Tot Ion: 75 Resp: 20827

Ion Ratio Lower Upper

75 100

110 7.9 16.5 49.5#

77 0.0 24.6 36.8#



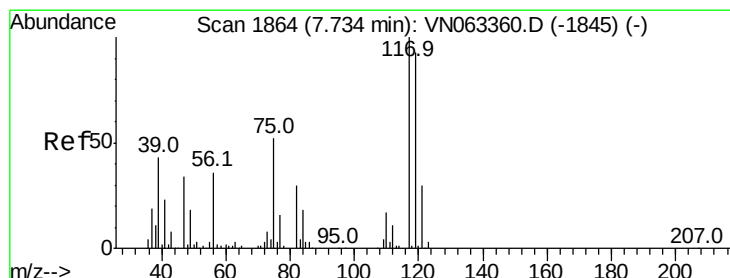
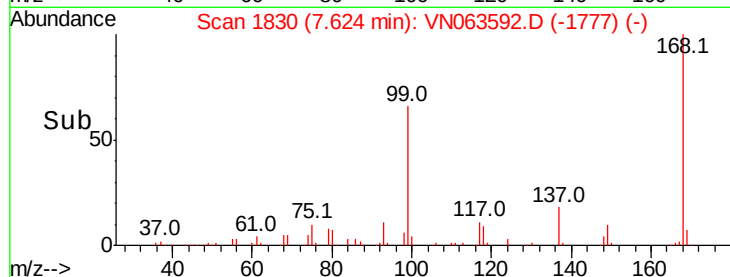
Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN063360.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN063360.D (-1848) (-)

7.62

Time-->



#38

Carbon Tetrachloride

Concen: 5.774 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

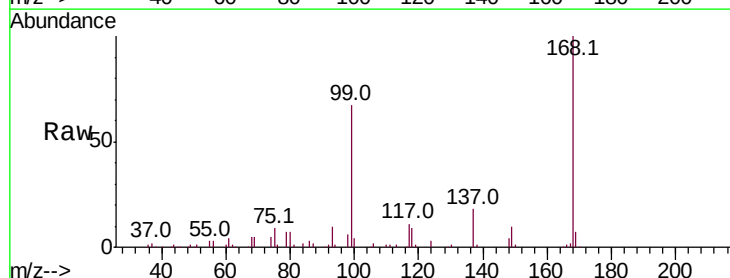
Tgt Ion: 117 Resp: 24666

Ion Ratio Lower Upper

117 100

119 5.0 74.5 111.7#

121 0.0 24.1 36.1#



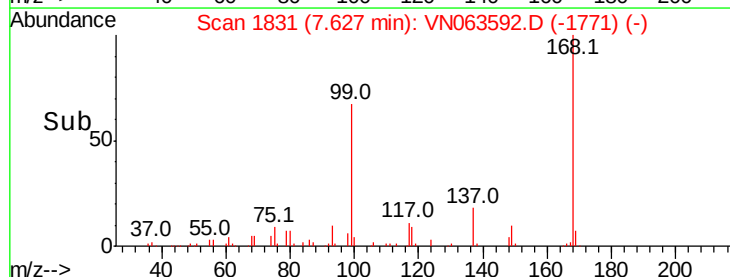
Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)

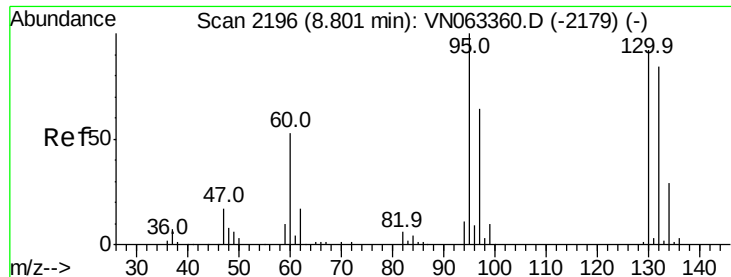
Ion 118.80 (118.50 to 119.50): VN063360.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063360.D (-1845) (-)

7.63

Time-->





#44

Trichloroethene

Concen: 0.424 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

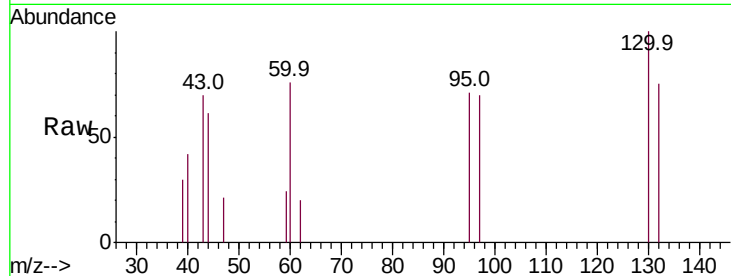
KY038PS037-200922

Tot Ion:130 Resp: 1229

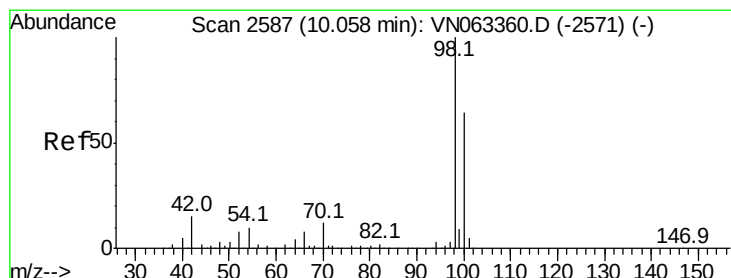
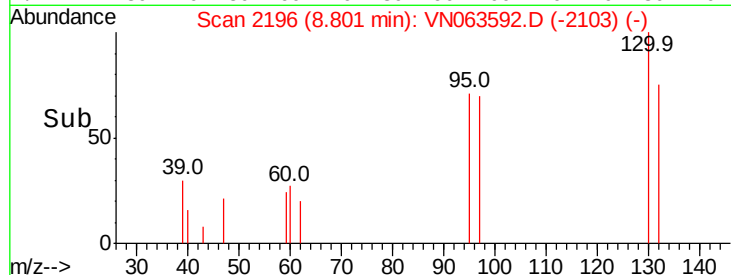
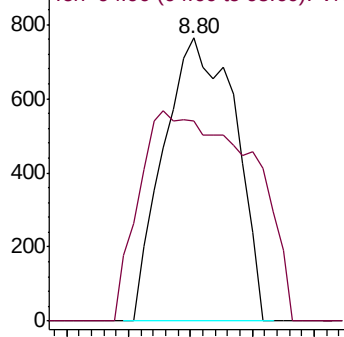
Ion Ratio Lower Upper

130 100

95 47.6 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)



#50

Toluene-d8

Concen: 49.878 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063592.D

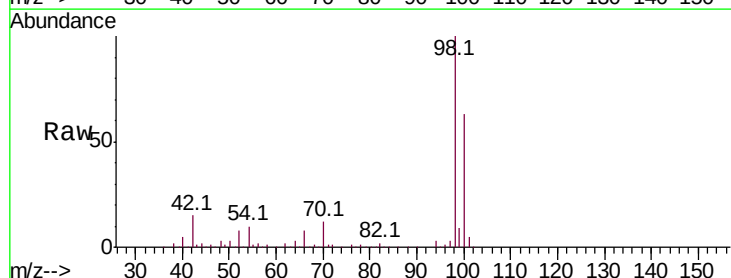
Acq: 23 Sep 2020 16:30

Tgt Ion: 98 Resp: 510038

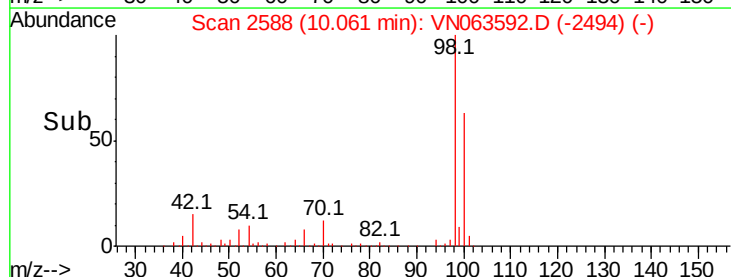
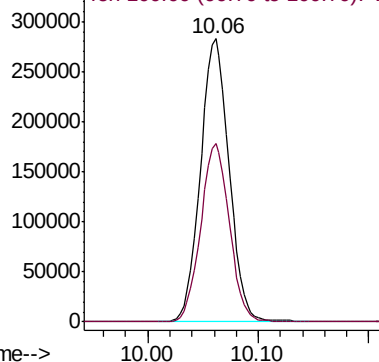
Ion Ratio Lower Upper

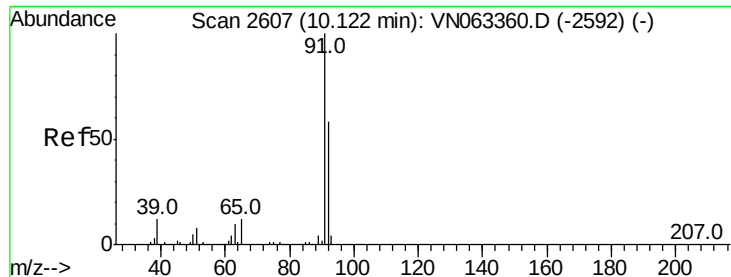
98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)





#52

Toluene

Concen: 0.433 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

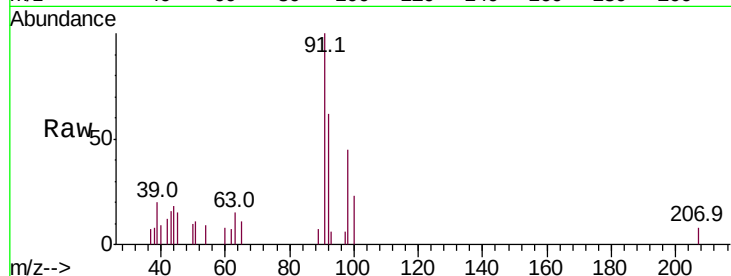
KY038PS037-200922

Tot Ion: 92 Resp: 3107

Ion Ratio Lower Upper

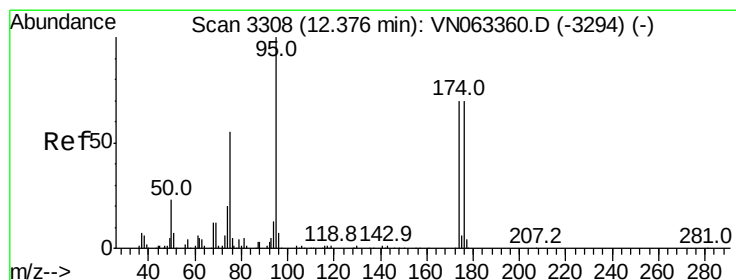
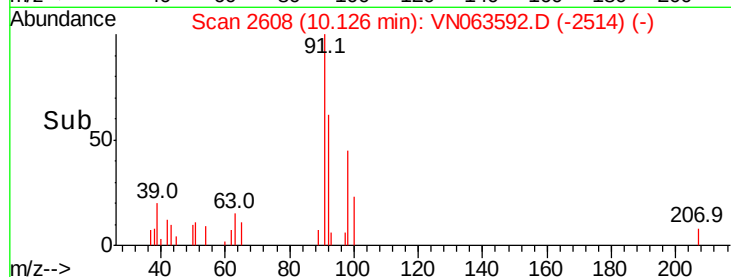
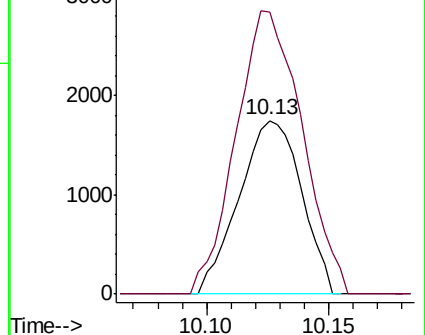
92 100

91 172.5 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063360.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-2592) (-)



#62

4-Bromofluorobenzene

Concen: 54.035 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

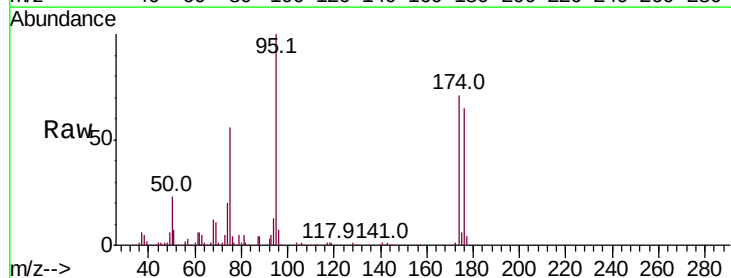
Tgt Ion: 95 Resp: 202550

Ion Ratio Lower Upper

95 100

174 72.1 0.0 140.8

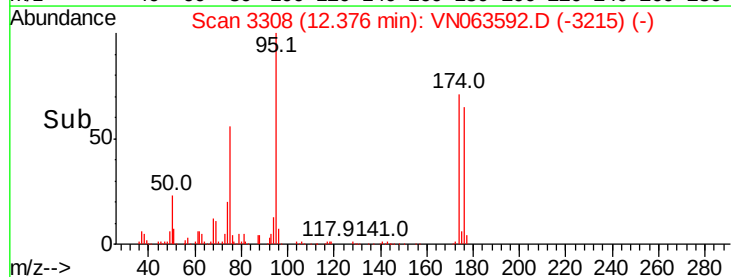
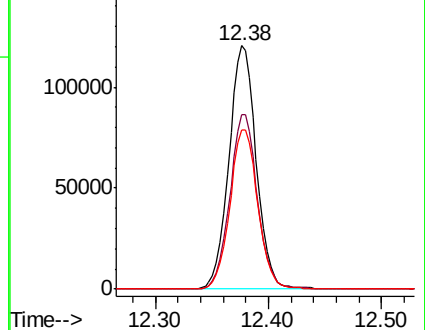
176 66.6 0.0 137.6

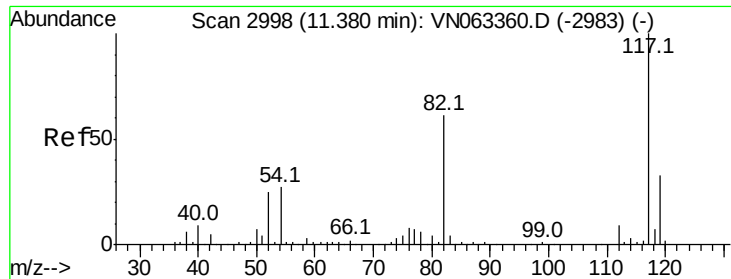


Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

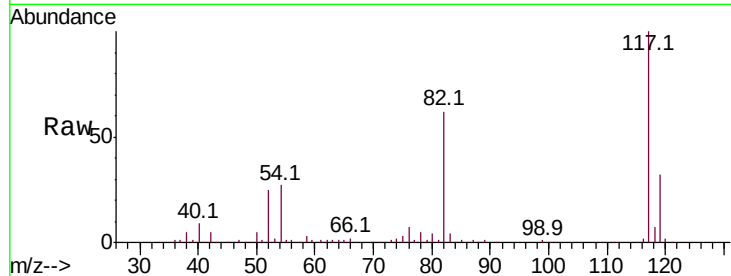




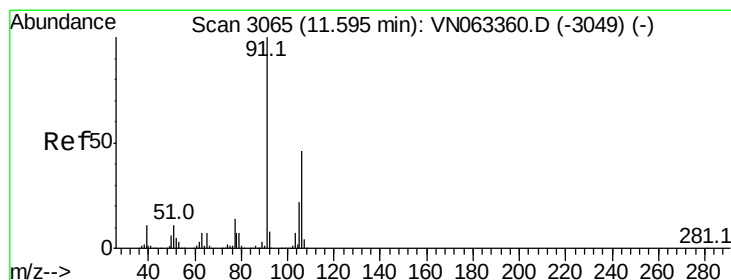
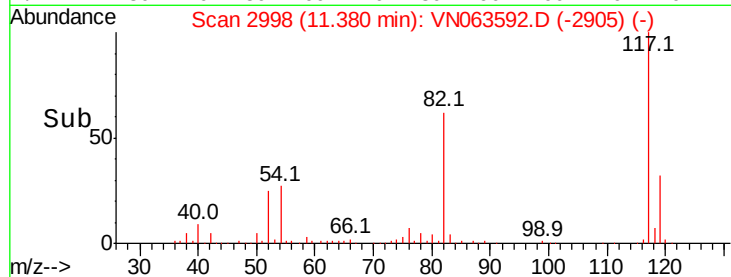
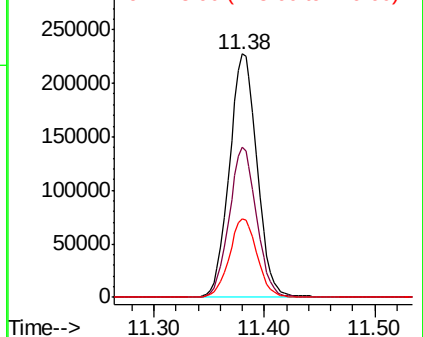
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200922

Tot Ion:117 Resp: 397034
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 32.1 26.2 39.4

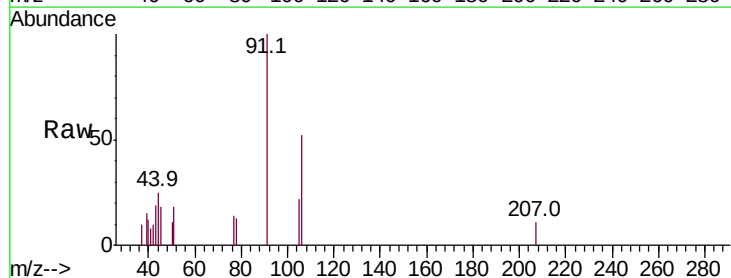


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

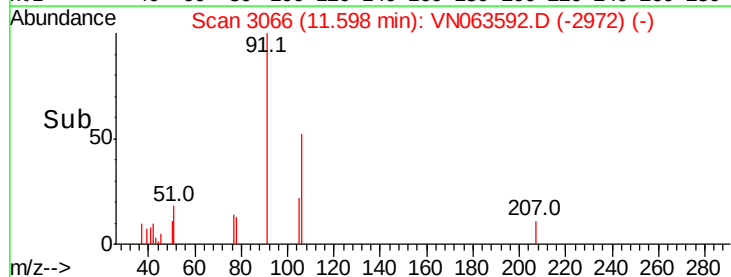
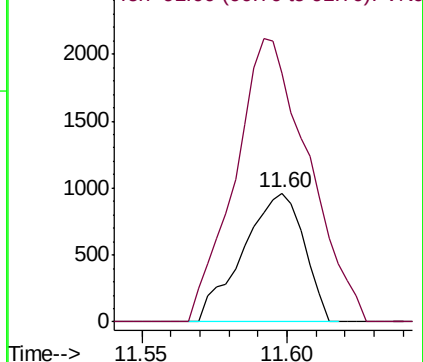


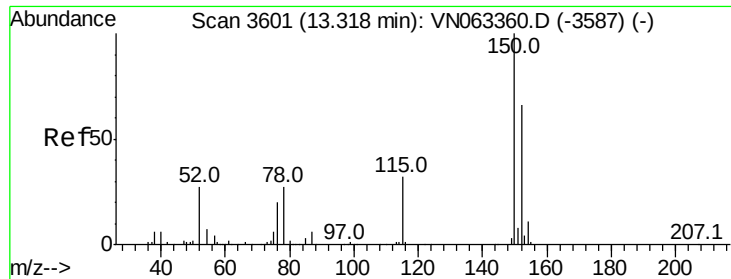
#68
m/p-Xylenes
Concen: 0.247 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Tgt Ion:106 Resp: 1411
Ion Ratio Lower Upper
106 100
91 264.1 171.2 256.8#



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

KY038PS037-200922

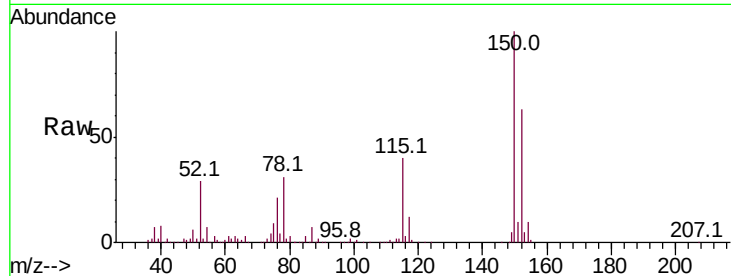
Tot Ion:152 Resp: 165699

Ion Ratio Lower Upper

152 100

115 65.3 32.2 96.6

150 160.5 0.0 343.4

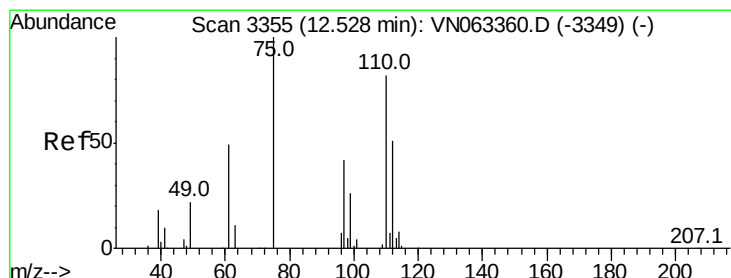
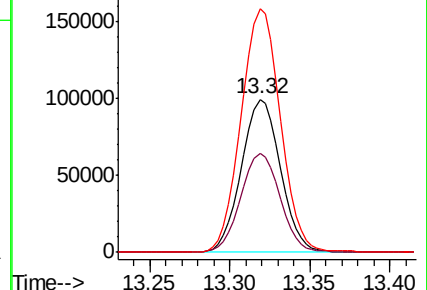
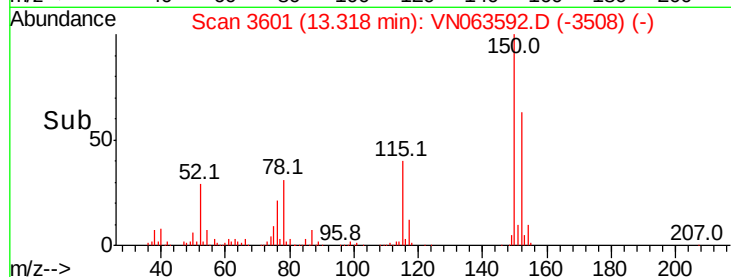


Abundance

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: 27.195 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063592.D

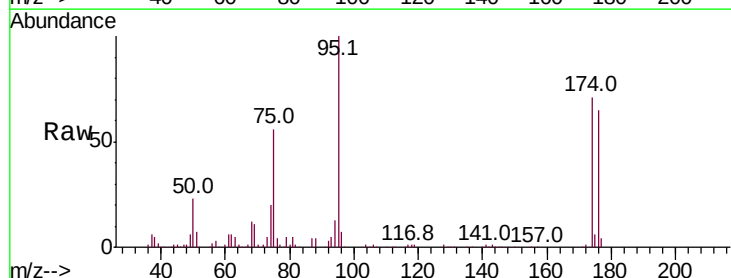
Acq: 23 Sep 2020 16:30

Tgt Ion: 75 Resp: 111536

Ion Ratio Lower Upper

75 100

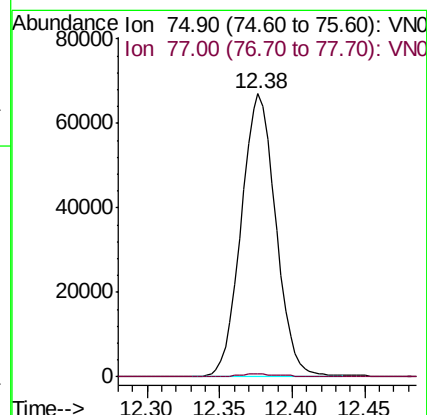
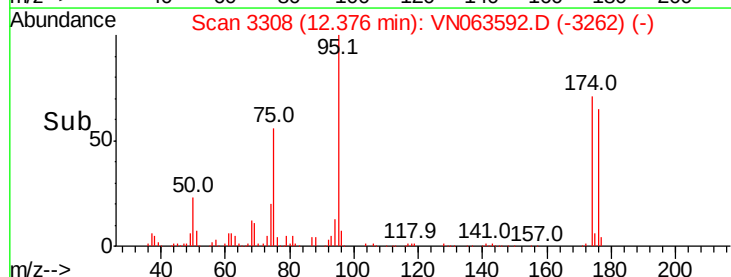
77 1.2 0.0 0.0#

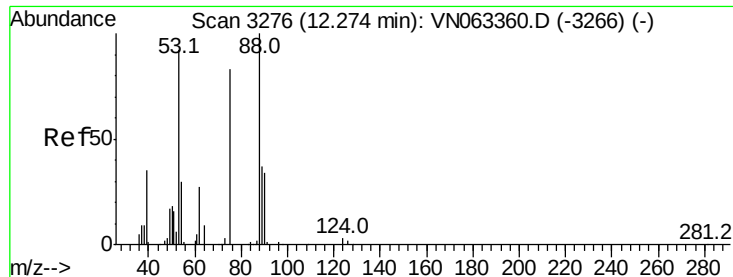


Abundance

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: 74.559 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

KY038PS037-200922

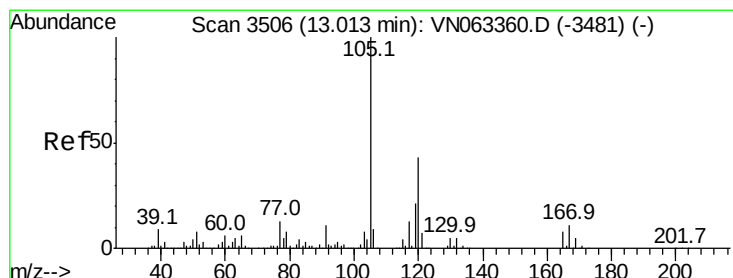
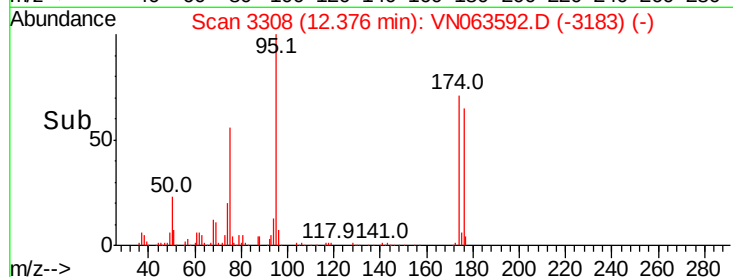
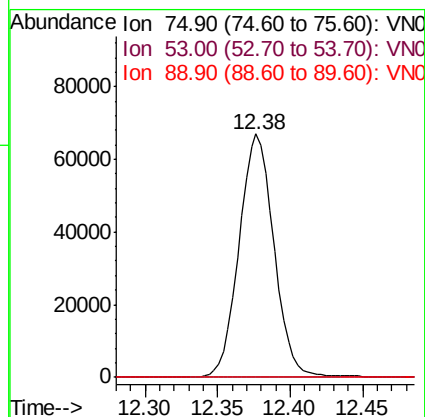
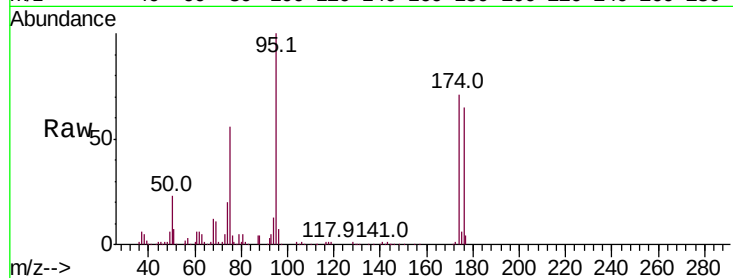
Tot Ion: 75 Resp: 111536

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

89 0.0 38.0 57.0#



#84

1,2,4-Trimethylbenzene

Concen: 0.380 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Tgt Ion: 105 Resp: 4253

Ion Ratio Lower Upper

105 100

120 32.4 21.3 63.9

