

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012020\
 Data File : VV014352.D
 Acq On : 20 Jan 2020 13:07
 Operator : SY/MD
 Sample : L1169-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF761

Quant Time: Jan 20 15:20:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jan 20 14:21:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	778167	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	708907	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	325587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	293331	5.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.80%
7) Chloroethane-d5	1.59	69	236730	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.13	63	333660	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.92	46	701689	53.65	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.30%
24) Chloroform-d	4.40	84	509617	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	273583	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	1183138	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.12	67	366981	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.36	98	1030810	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	7.66	79	143938	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.13	63	615924	50.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	245994	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	336698	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

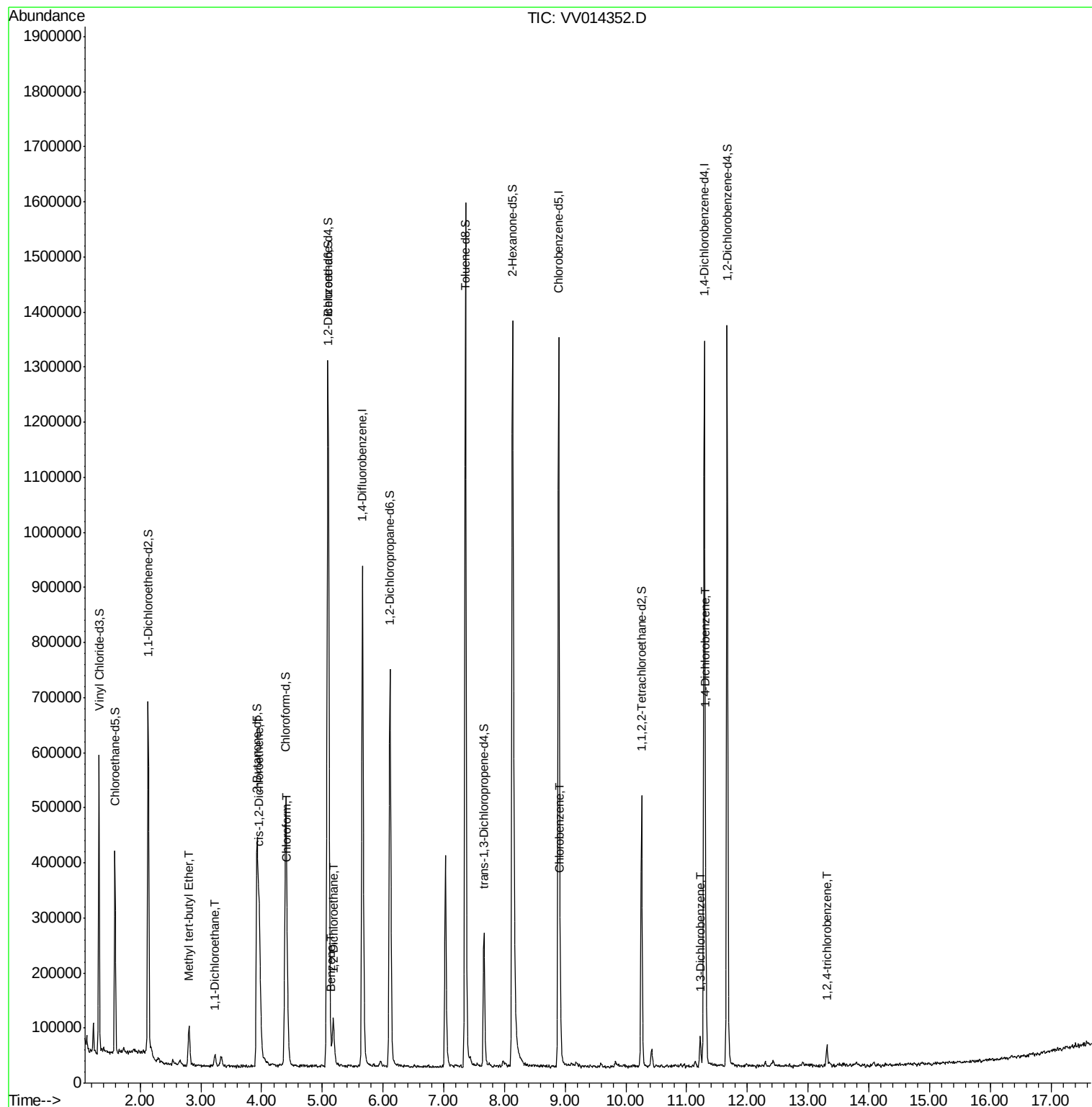
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
17) Methyl tert-butyl Ether	2.80	73	68593	0.533	ug/L	95
19) 1,1-Dichloroethane	3.23	63	23551	0.230	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	113744	1.986	ug/L	94
25) Chloroform	4.43	83	56104	0.572	ug/L	99
27) 1,2-Dichloroethane	5.18	62	73650	1.255	ug/L #	92
33) Benzene	5.15	78	13652	0.063	ug/L	100
51) Chlorobenzene	8.92	112	43544	0.307	ug/L	95
62) 1,3-Dichlorobenzene	11.22	146	20265	0.199	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	80096	0.791	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	11678	0.180	ug/L	92

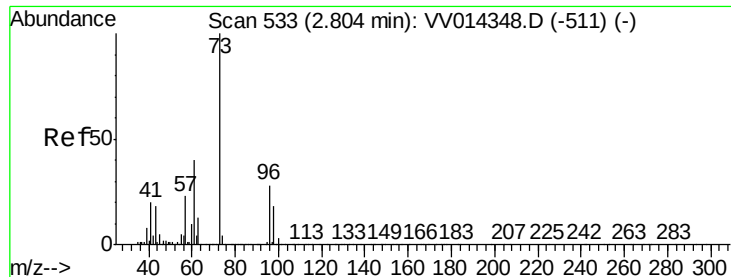
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012020\
Data File : VV014352.D
Acq On : 20 Jan 2020 13:07
Operator : SY/MD
Sample : L1169-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF761

Quant Time: Jan 20 15:20:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 20 14:21:01 2020
Response via : Initial Calibration

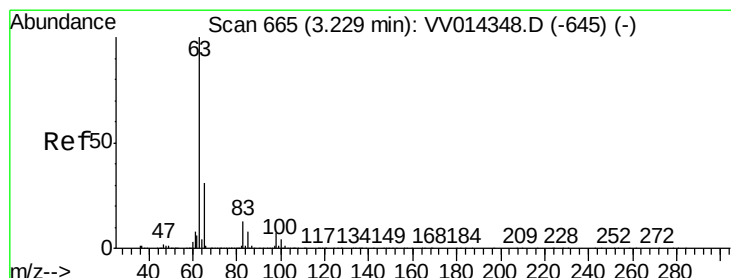
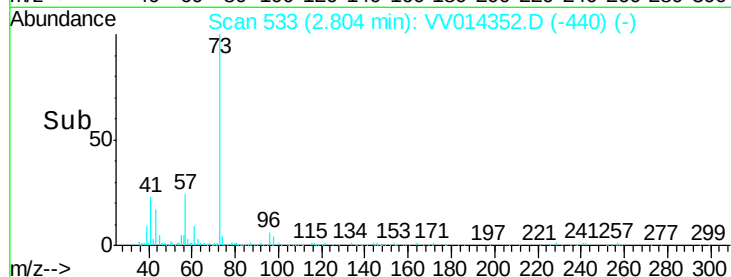
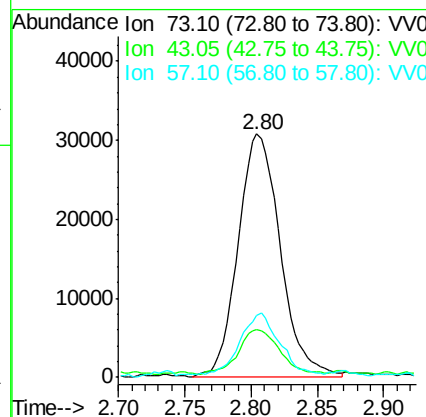
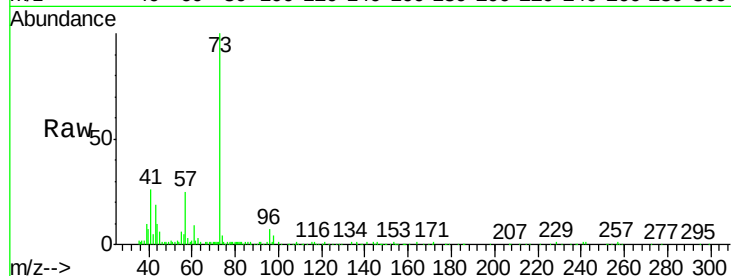




#17
Methvl tert-butvl Ether
Concen: 0.533 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV014352.D
Acq: 20 Jan 2020 13:07

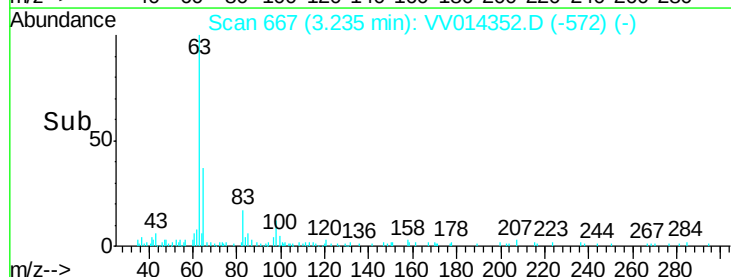
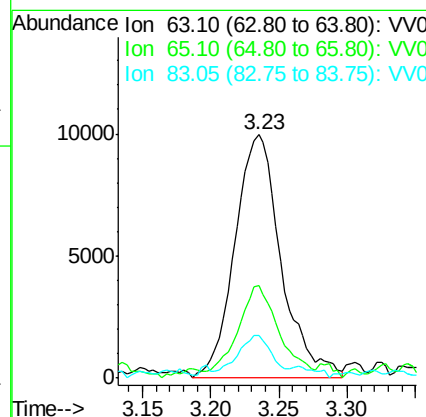
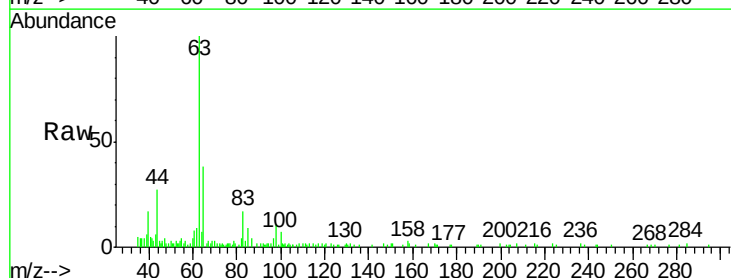
Instrument :
MSVOA_V
ClientSampleId :
BF761

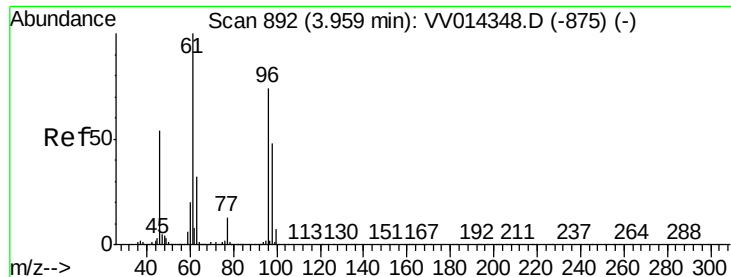
Tot Ion:	73	Resp:	68593
Ion	Ratio	Lower	Upper
73	100		
43	17.4	14.7	22.1
57	25.5	17.9	26.9



#19
1,1-Dichloroethane
Concen: 0.230 ug/L
RT: 3.23 min Scan# 667
Delta R.T. 0.01 min
Lab File: VV014352.D
Acq: 20 Jan 2020 13:07

Tgt Ion:	63	Resp:	23551
Ion	Ratio	Lower	Upper
63	100		
65	37.8	22.7	42.3
83	17.5	10.0	18.6





#22

cis-1,2-Dichloroethene

Concen: 1.986 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV014352.D

Acq: 20 Jan 2020 13:07

Instrument :

MSVOA_V

ClientSampleId :

BF761

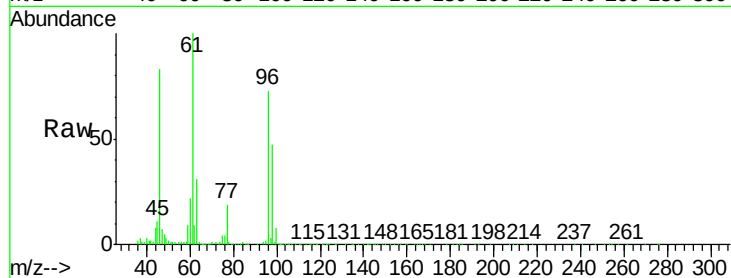
Tot Ion: 96 Resp: 113744

Ion Ratio Lower Upper

96 100

61 136.4 90.6 168.3

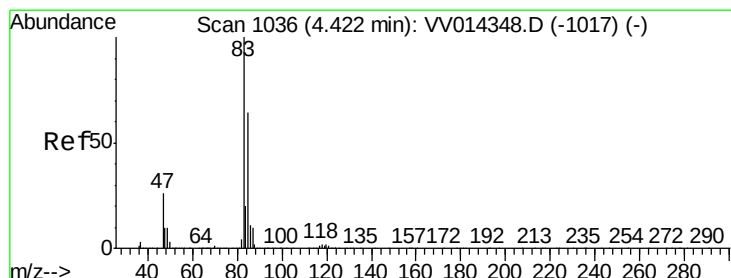
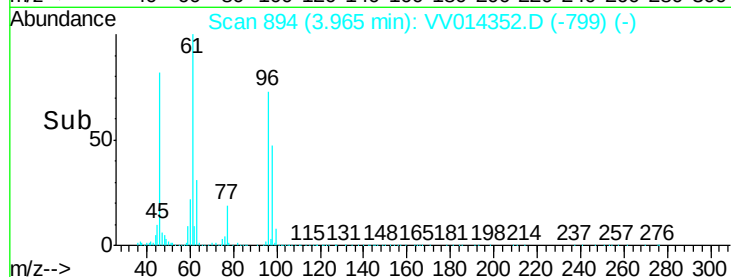
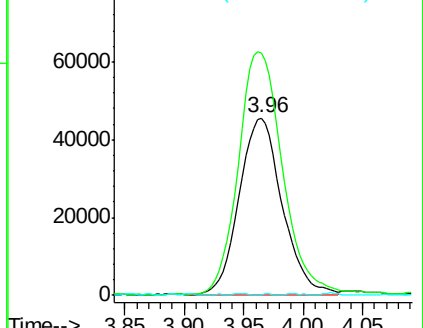
68 0.5 0.3 0.7



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#25

Chloroform

Concen: 0.572 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014352.D

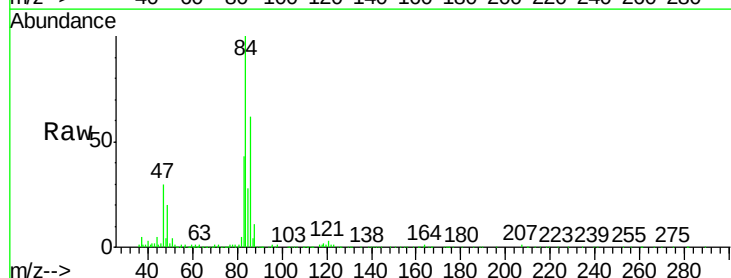
Acq: 20 Jan 2020 13:07

Tgt Ion: 83 Resp: 56104

Ion Ratio Lower Upper

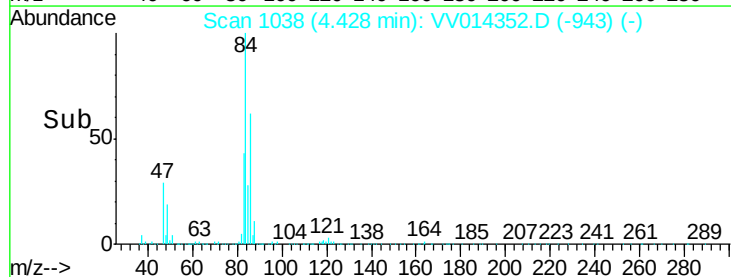
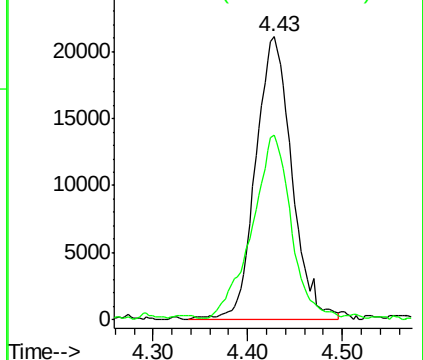
83 100

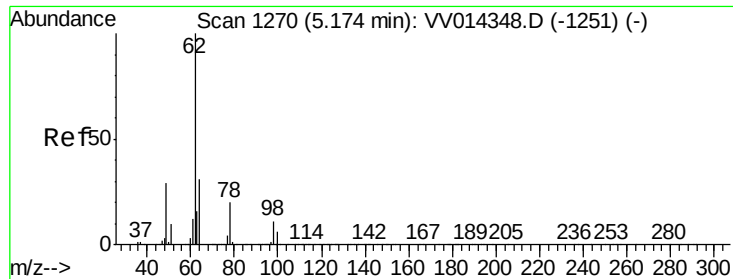
85 65.5 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 1.255 ug/L

RT: 5.18 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VV014352.D

Acq: 20 Jan 2020 13:07

Instrument :

MSVOA_V

ClientSampleId :

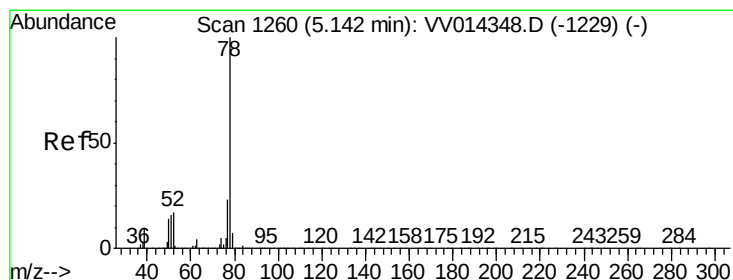
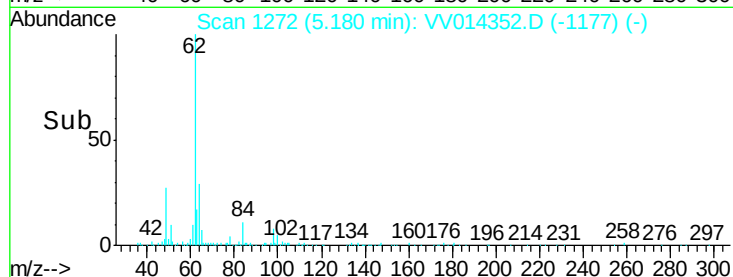
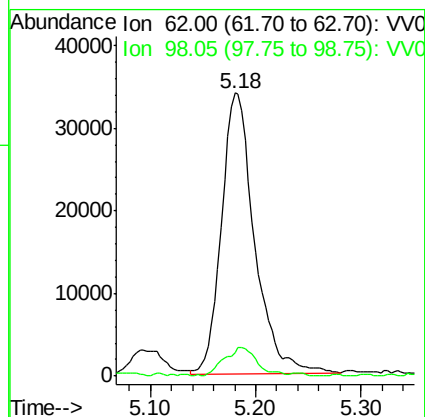
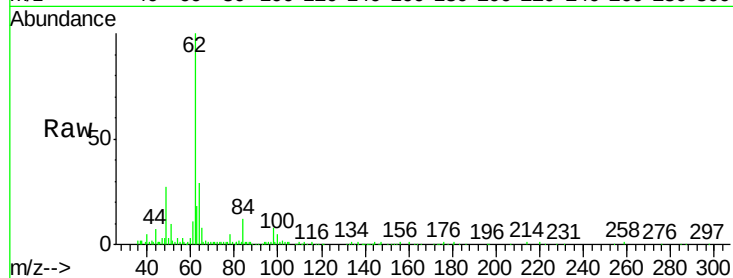
BF761

Tot Ion: 62 Resp: 73650

Ion Ratio Lower Upper

62 100

98 8.5 9.2 13.8#



#33

Benzene

Concen: 0.063 ug/L

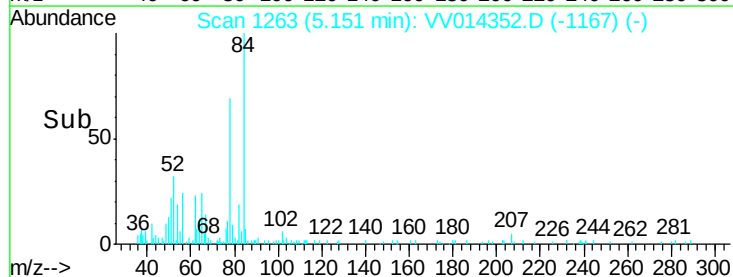
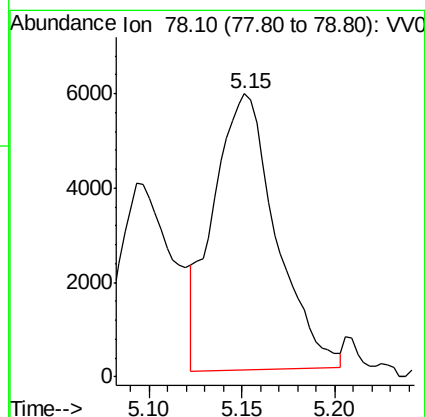
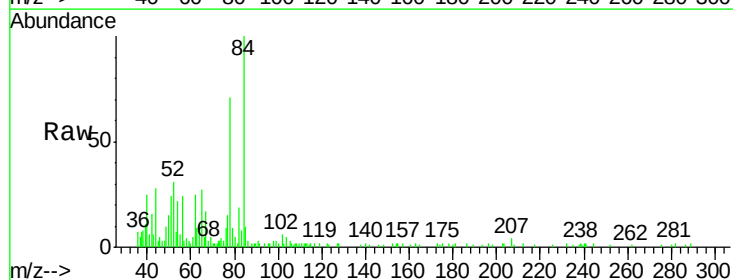
RT: 5.15 min Scan# 1263

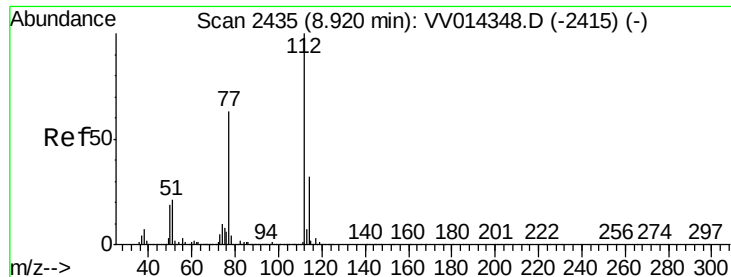
Delta R.T. 0.01 min

Lab File: VV014352.D

Acq: 20 Jan 2020 13:07

Tgt Ion: 78 Resp: 13652





#51

Chlorobenzene

Concen: 0.307 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV014352.D

Acq: 20 Jan 2020 13:07

Instrument :

MSVOA_V

ClientSampleId :

BF761

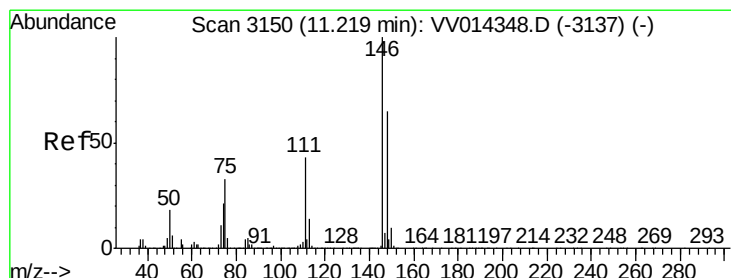
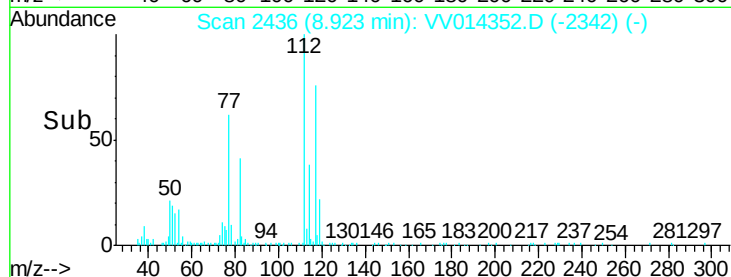
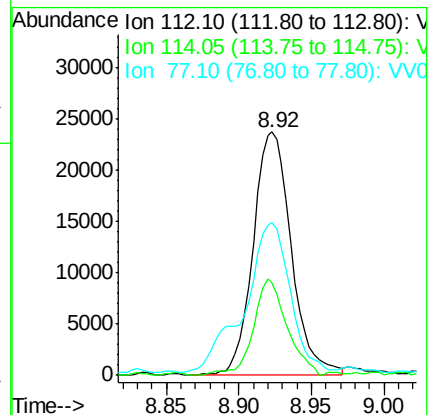
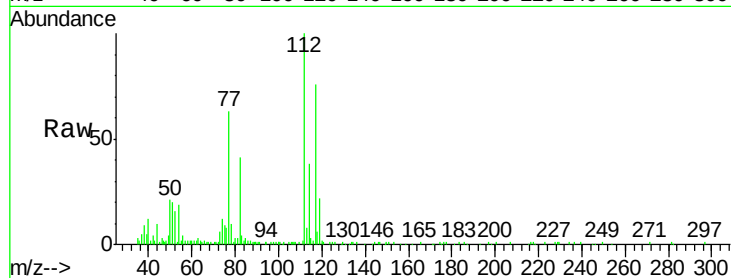
Tot Ion:112 Resp: 43544

Ion Ratio Lower Upper

112 100

114 37.9 22.5 41.7

77 62.7 49.3 73.9



#62

1,3-Dichlorobenzene

Concen: 0.199 ug/L

RT: 11.22 min Scan# 3151

Delta R.T. 0.00 min

Lab File: VV014352.D

Acq: 20 Jan 2020 13:07

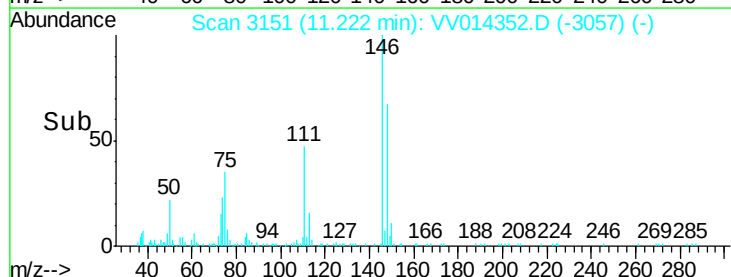
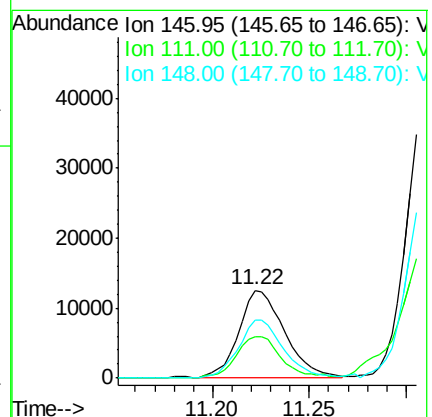
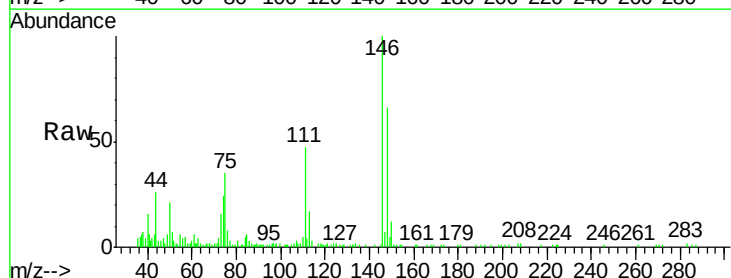
Tgt Ion:146 Resp: 20265

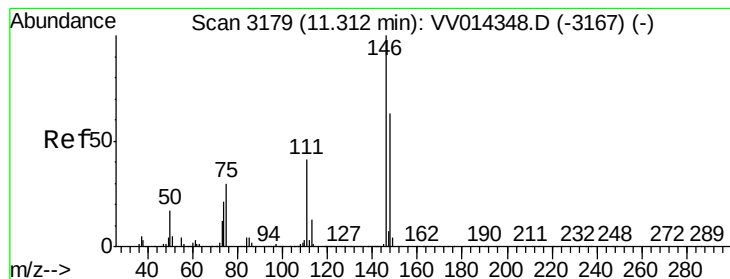
Ion Ratio Lower Upper

146 100

111 47.5 30.7 57.1

148 66.2 44.4 82.5





#63

1,4-Dichlorobenzene

Concen: 0.791 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV014352.D

Acq: 20 Jan 2020 13:07

Instrument :

MSVOA_V

ClientSampleId :

BF761

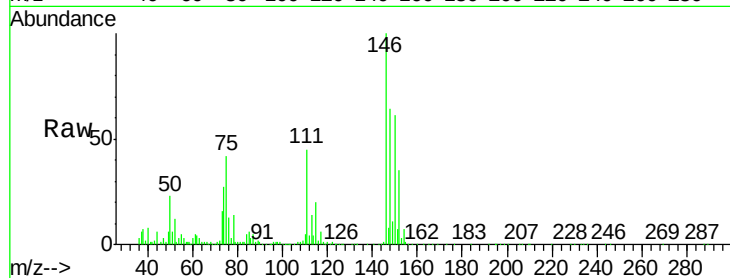
Tot Ion:146 Resp: 80096

Ion Ratio Lower Upper

146 100

111 45.2 28.8 53.4

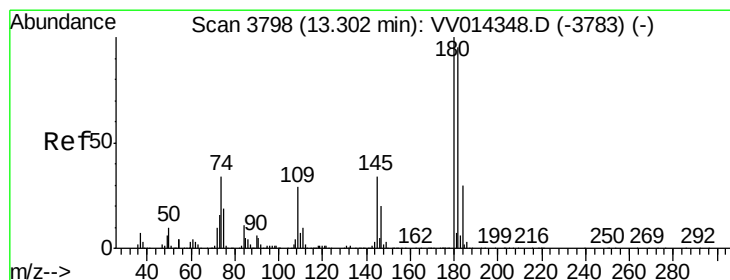
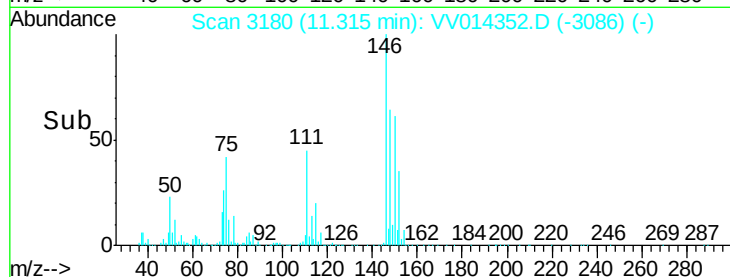
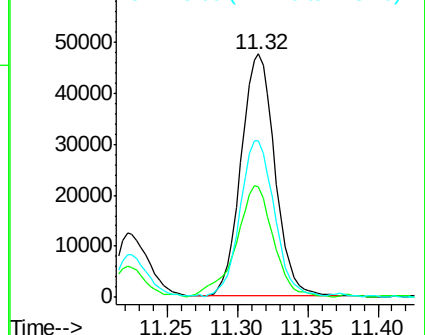
148 64.3 44.5 82.7



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 0.180 ug/L

RT: 13.31 min Scan# 3800

Delta R.T. 0.01 min

Lab File: VV014352.D

Acq: 20 Jan 2020 13:07

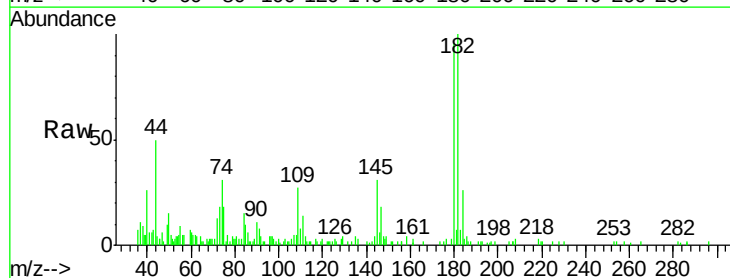
Tgt Ion:180 Resp: 11678

Ion Ratio Lower Upper

180 100

182 100.8 75.2 112.8

145 39.0 26.2 39.4



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

