

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014333.D
 Acq On : 17 Jan 2020 13:13
 Operator : SY/MD
 Sample : L1169-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF761

Quant Time: Jan 17 23:37:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	844095	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	772200	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	359315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	236095	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.59	69	200446	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.13	63	286855	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.93	46	690067	48.64	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.28%
24) Chloroform-d	4.40	84	460321	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.08	65	250177	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.10	84	1066718	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	340690	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	945354	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.66	79	134046	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.13	63	598581	44.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	233871	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	313193	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

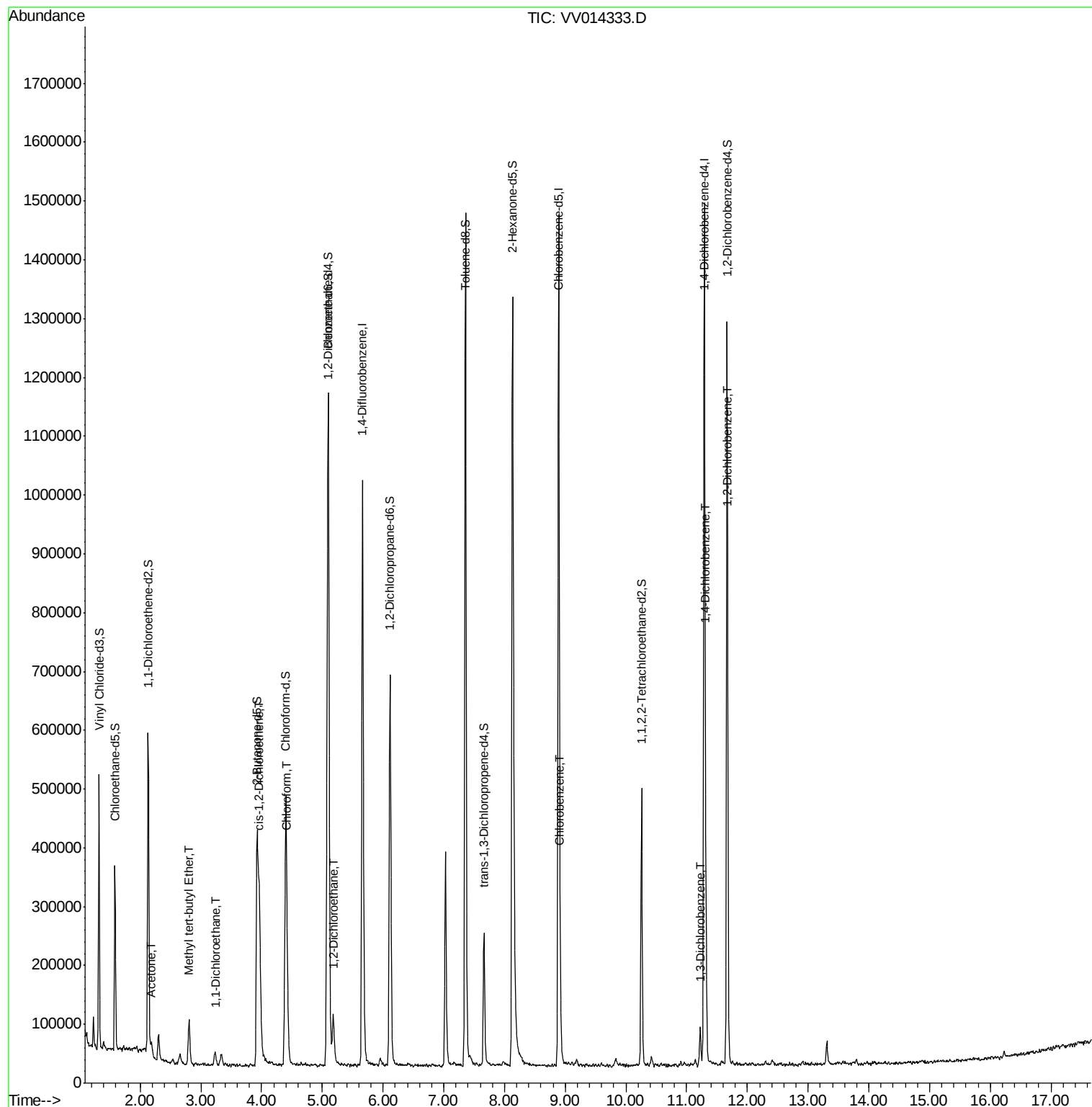
					Ovalue
13) Acetone	2.19	43	12657	1.295	ug/L 81
17) Methyl tert-butyl Ether	2.81	73	67345	0.483	ug/L 98
19) 1,1-Dichloroethane	3.24	63	24242	0.218	ug/L 94
22) cis-1,2-Dichloroethene	3.96	96	123750	1.991	ug/L # 96
25) Chloroform	4.42	83	51080	0.480	ug/L 96
27) 1,2-Dichloroethane	5.18	62	71980	1.131	ug/L 98
51) Chlorobenzene	8.92	112	46825	0.303	ug/L 94
62) 1,3-Dichlorobenzene	11.23	146	26932	0.240	ug/L 96
63) 1,4-Dichlorobenzene	11.32	146	112244	1.005	ug/L 98
65) 1,2-Dichlorobenzene	11.68	146	7545	0.074	ug/L # 80

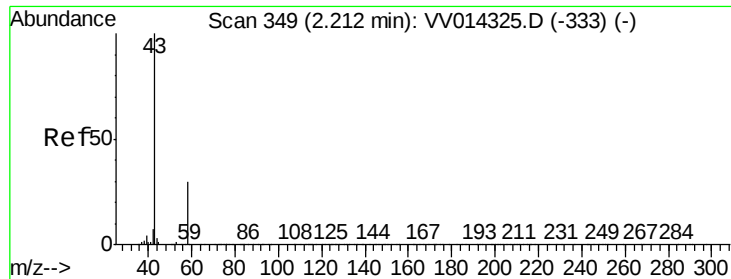
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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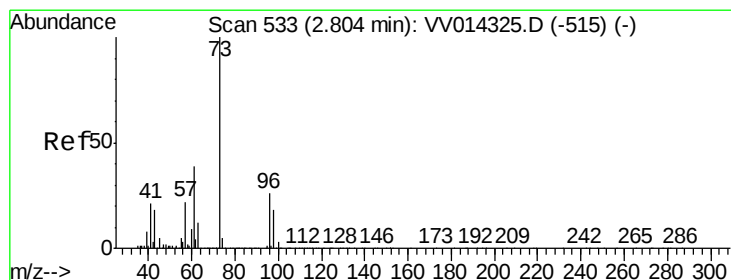
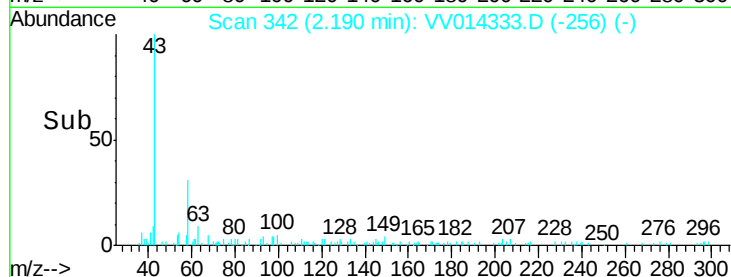
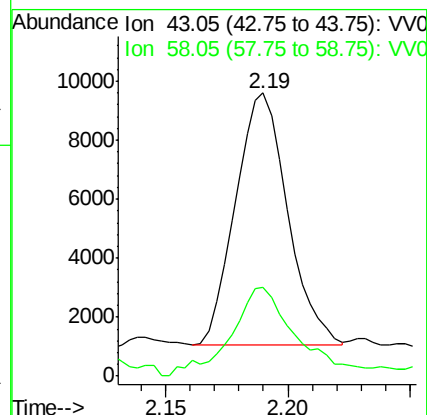
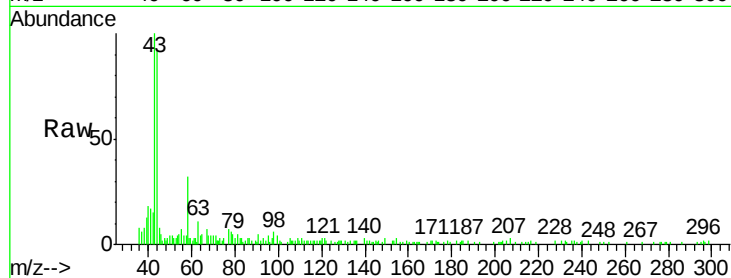




#13
Acetone
Concen: 1.295 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.02 min
Lab File: VV014333.D
Acq: 17 Jan 2020 13:13

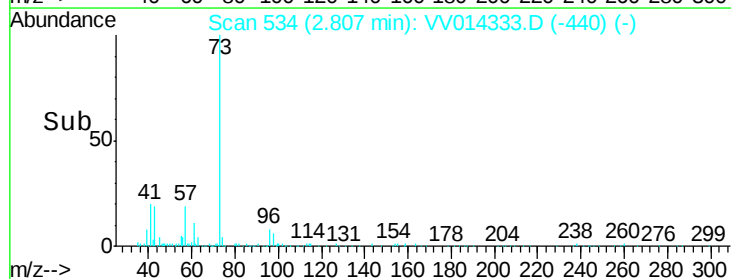
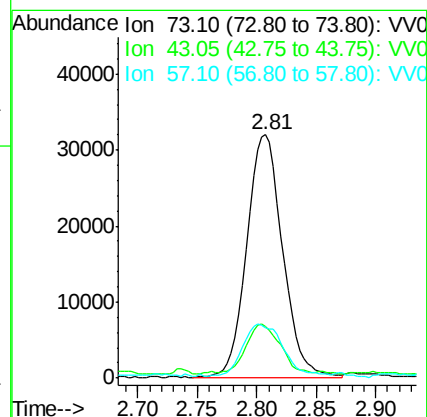
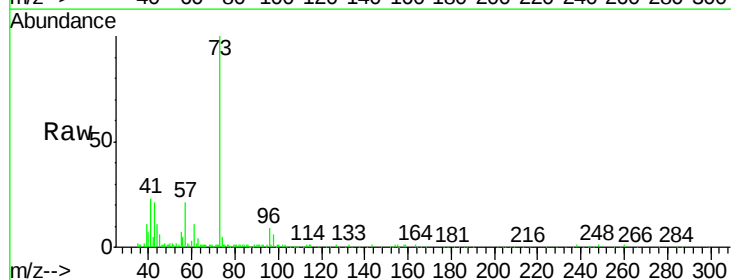
Instrument :
MSVOA_V
ClientSampleId :
BF761

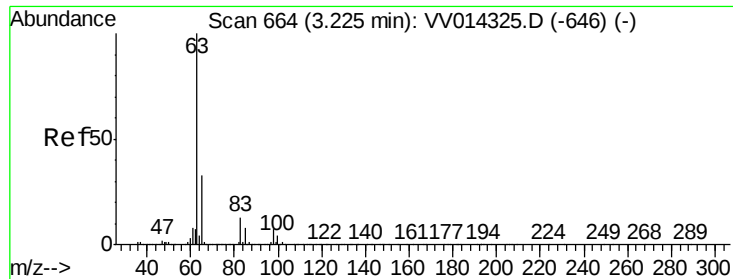
Tot Ion: 43 Resp: 12657
Ion Ratio Lower Upper
43 100
58 44.0 0.0 66.0



#17
Methyl tert-butyl Ether
Concen: 0.483 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV014333.D
Acq: 17 Jan 2020 13:13

Tgt Ion: 73 Resp: 67345
Ion Ratio Lower Upper
73 100
43 19.2 14.7 22.1
57 23.3 17.9 26.9

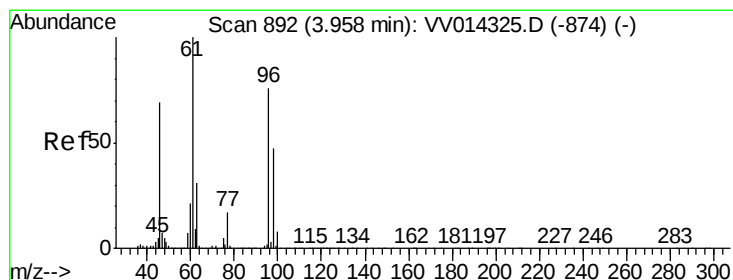
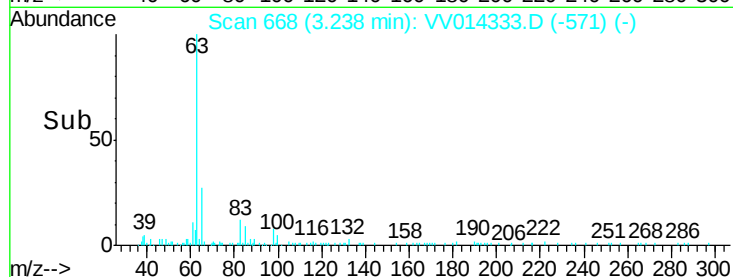
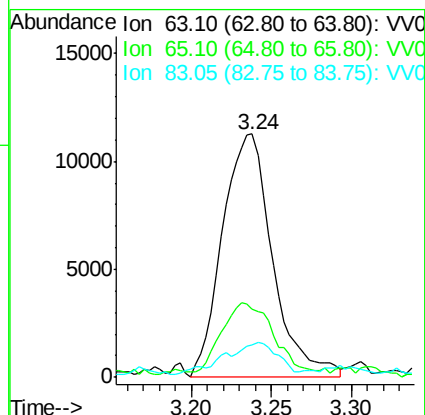
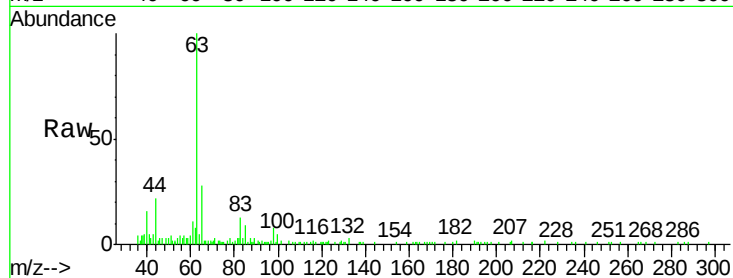




#19
 1,1-Dichloroethane
 Concen: 0.218 ug/L
 RT: 3.24 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: VV014333.D
 Acq: 17 Jan 2020 13:13

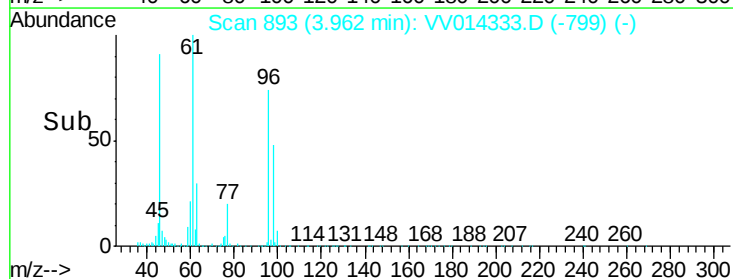
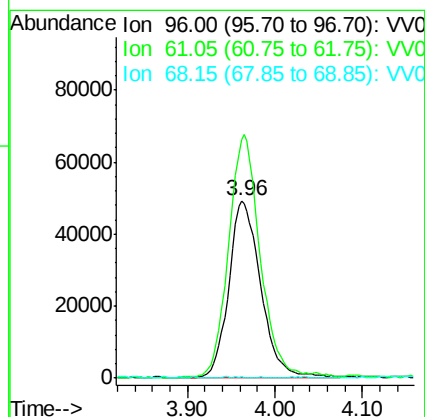
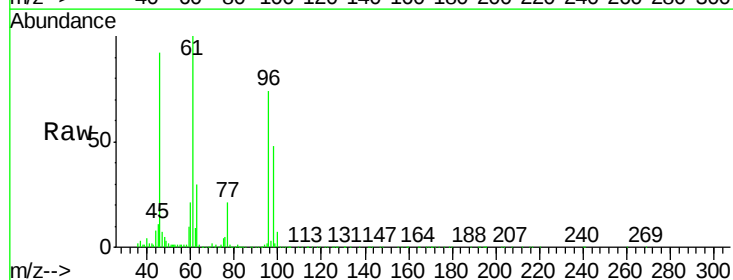
Instrument :
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 ClientSampleId :
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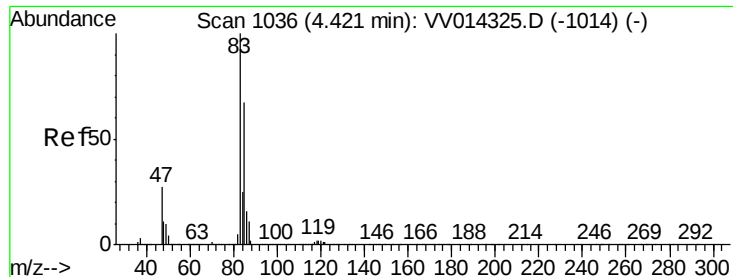
Tot Ion:	63	Resp:	24242
Ion	Ratio	Lower	Upper
63	100		
65	28.2	22.7	42.3
83	13.3	10.0	18.6



#22
 cis-1,2-Dichloroethene
 Concen: 1.991 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV014333.D
 Acq: 17 Jan 2020 13:13

Tgt Ion:	96	Resp:	123750
Ion	Ratio	Lower	Upper
96	100		
61	134.6	90.6	168.3
68	0.8	0.3	0.7#

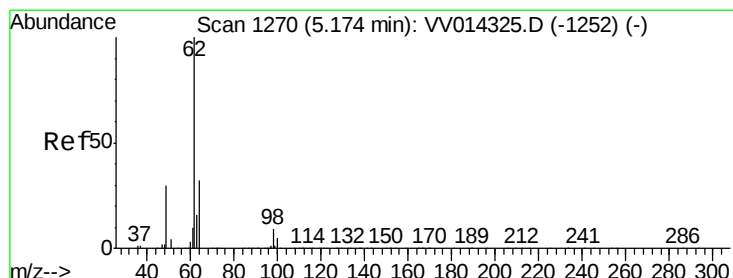
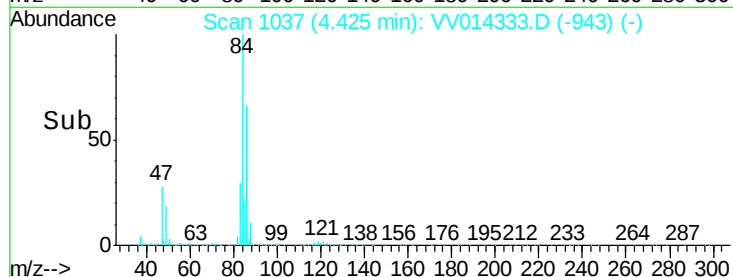
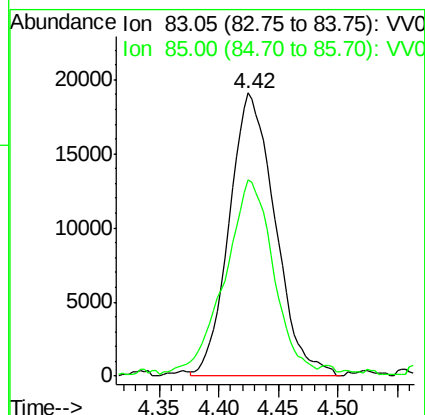
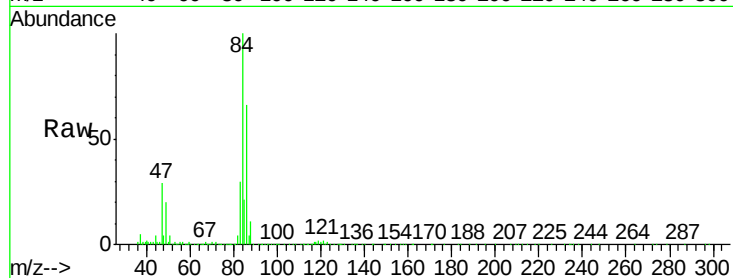




#25
Chloroform
Concen: 0.480 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014333.D
Acq: 17 Jan 2020 13:13

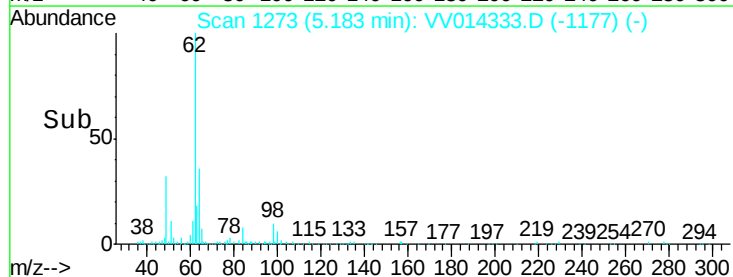
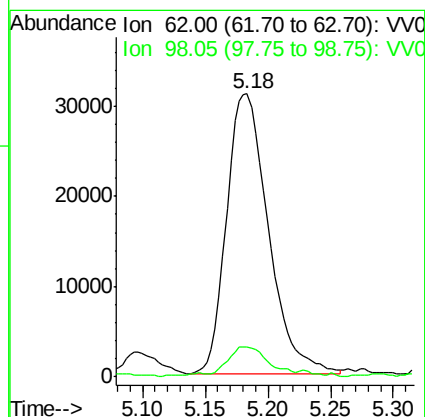
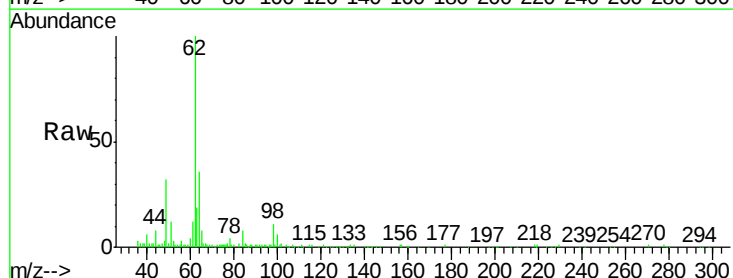
Instrument :
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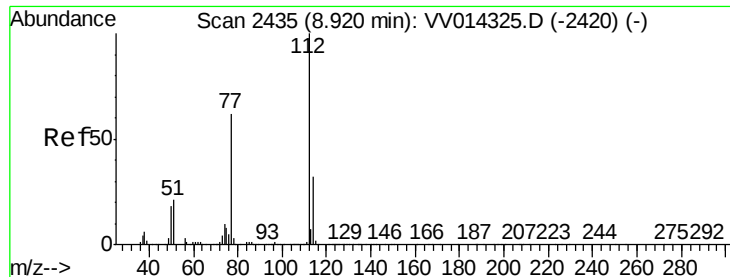
Tot Ion: 83 Resp: 51080
Ion Ratio Lower Upper
83 100
85 69.2 46.2 85.8



#27
1,2-Dichloroethane
Concen: 1.131 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV014333.D
Acq: 17 Jan 2020 13:13

Tgt Ion: 62 Resp: 71980
Ion Ratio Lower Upper
62 100
98 10.6 9.2 13.8





#51

Chlorobenzene

Concen: 0.303 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV014333.D

Acq: 17 Jan 2020 13:13

Instrument :

MSVOA_V

ClientSampleId :

BF761

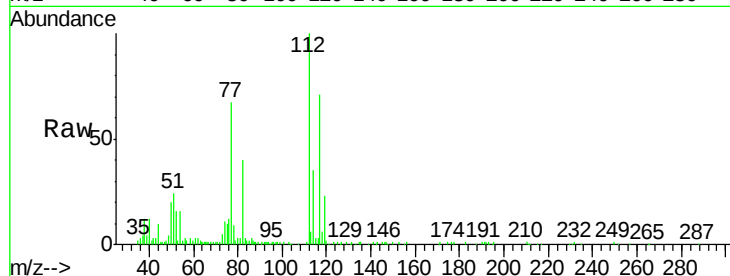
Tot Ion:112 Resp: 46825

Ion Ratio Lower Upper

112 100

114 34.6 22.5 41.7

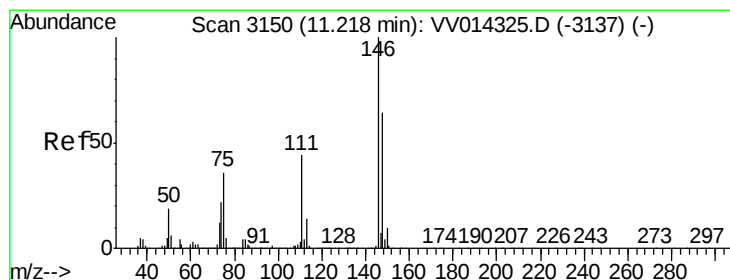
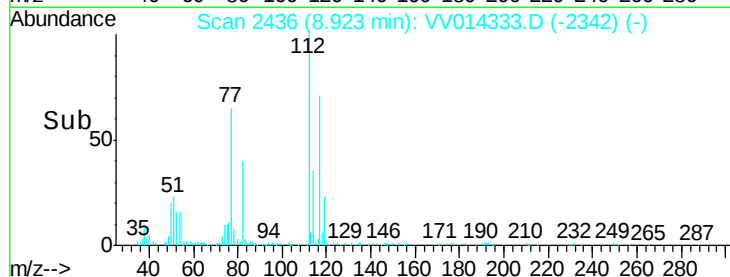
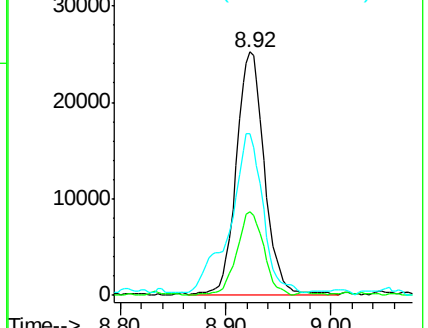
77 66.6 49.3 73.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#62

1,3-Dichlorobenzene

Concen: 0.240 ug/L

RT: 11.23 min Scan# 3152

Delta R.T. 0.01 min

Lab File: VV014333.D

Acq: 17 Jan 2020 13:13

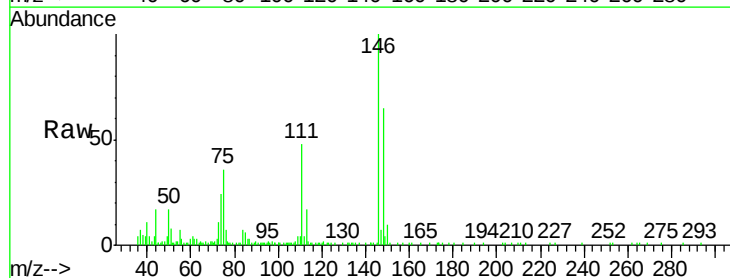
Tgt Ion:146 Resp: 26932

Ion Ratio Lower Upper

146 100

111 48.3 30.7 57.1

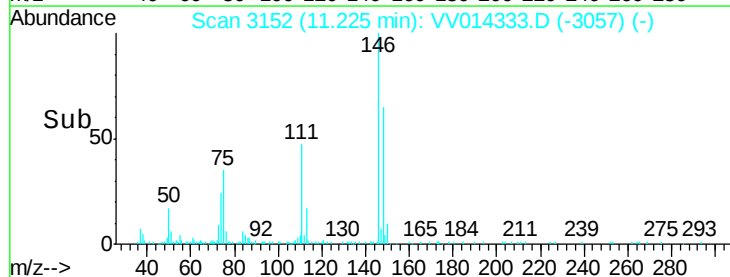
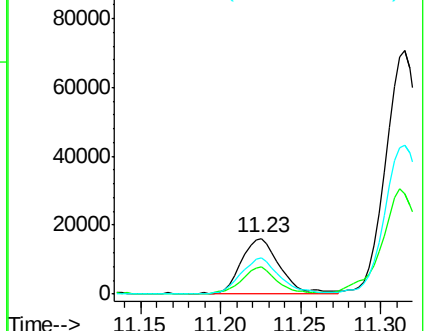
148 65.3 44.4 82.5

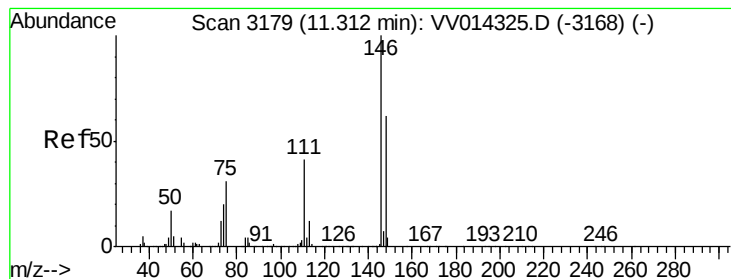


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 1.005 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV014333.D

Acq: 17 Jan 2020 13:13

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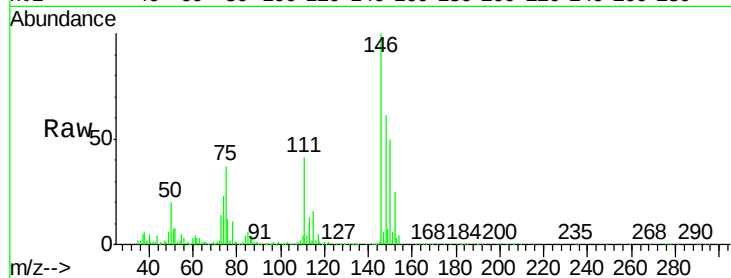
Tot Ion:146 Resp: 112244

Ion Ratio Lower Upper

146 100

111 41.4 28.8 53.4

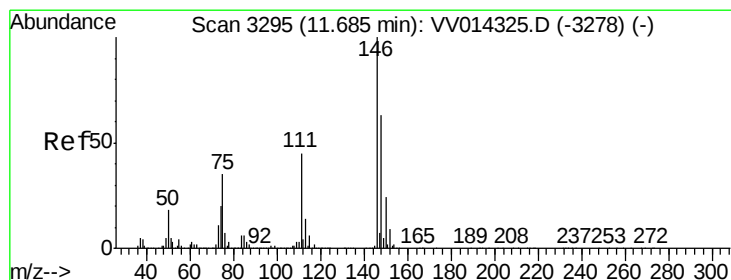
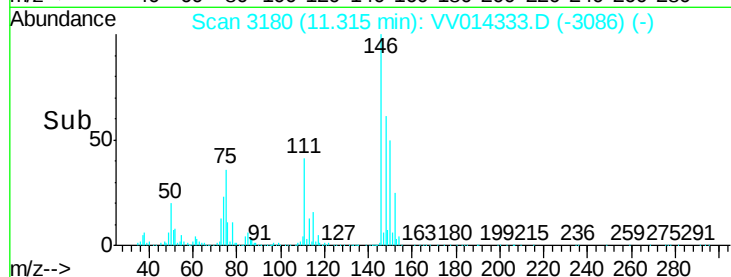
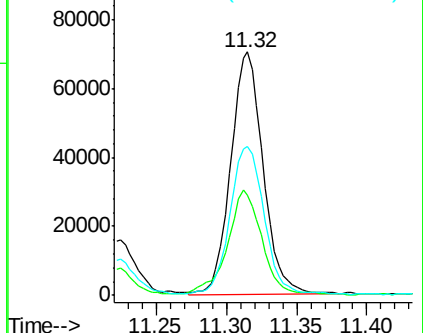
148 61.3 44.5 82.7



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



#65

1,2-Dichlorobenzene

Concen: 0.074 ug/L

RT: 11.68 min Scan# 3295

Delta R.T. 0.00 min

Lab File: VV014333.D

Acq: 17 Jan 2020 13:13

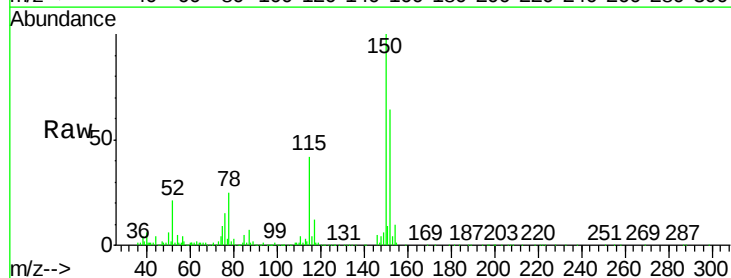
Tgt Ion:146 Resp: 7545

Ion Ratio Lower Upper

146 100

111 74.2 36.4 54.6#

148 66.4 51.3 76.9



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

