

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014343.D
 Acq On : 17 Jan 2020 18:00
 Operator : SY/MD
 Sample : L1169-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF776

Quant Time: Jan 17 22:56:29 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	792175	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	737928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	334301	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	229196	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.59	69	201404	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	279993	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.92	46	734715	55.18	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.36%
24) Chloroform-d	4.40	84	484642	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	255000	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	1049597	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.11	67	335715	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	921781	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.66	79	131180	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.13	63	658489	51.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.00%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	245330	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	309063	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

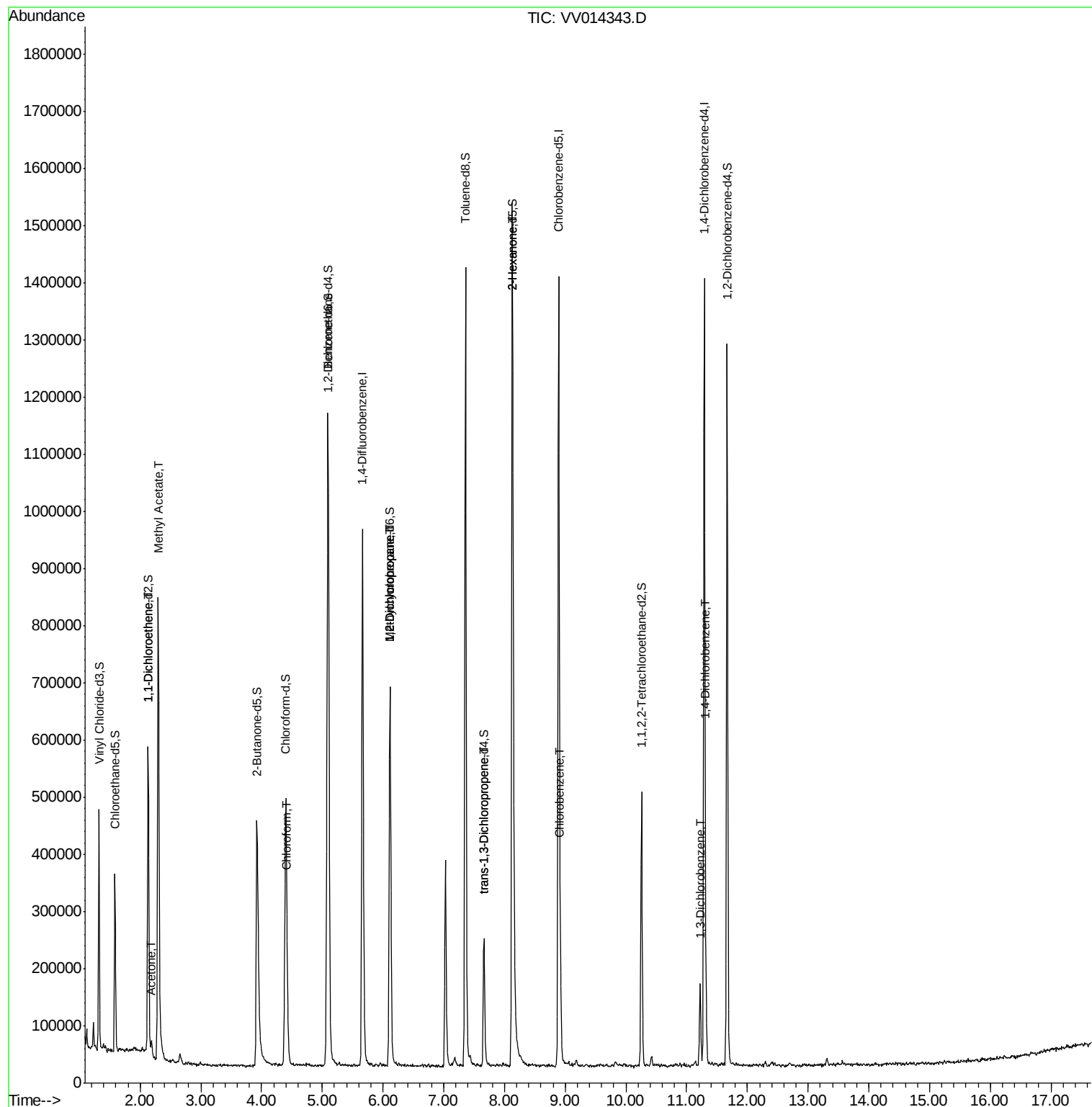
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	3125	0.088	ug/L #	1
13) Acetone	2.19	43	17698	1.930	ug/L	98
15) Methyl Acetate	2.30	43	178930	8.383	ug/L #	52
25) Chloroform	4.43	83	28612	0.287	ug/L	94
35) Methylcyclohexane	6.12	83	76808	0.804	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	35154	0.613	ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	6185	0.087	ug/L	88
48) 2-Hexanone	8.13	43	81428	3.256	ug/L #	69
51) Chlorobenzene	8.92	112	77932	0.528	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	55039	0.527	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	49654	0.478	ug/L	93

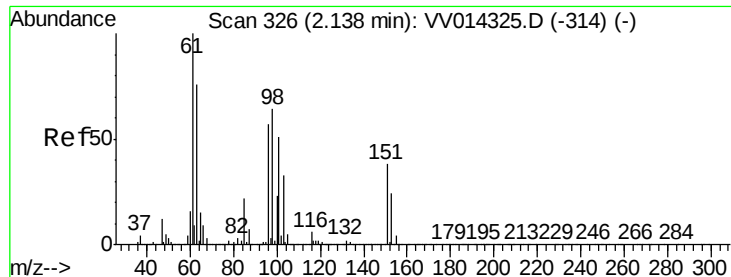
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV014343.D

Acq: 17 Jan 2020 18:00

Instrument :

MSVOA_V

ClientSampleId :

BF776

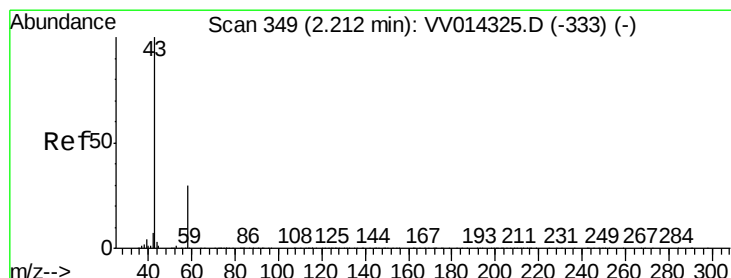
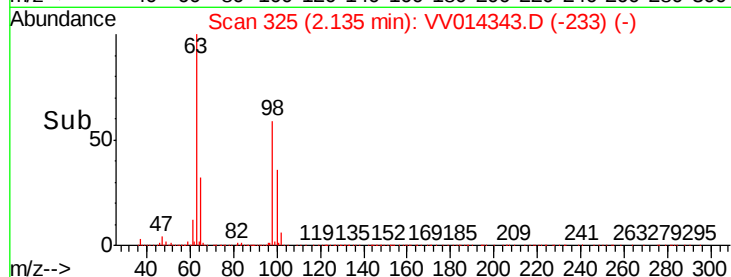
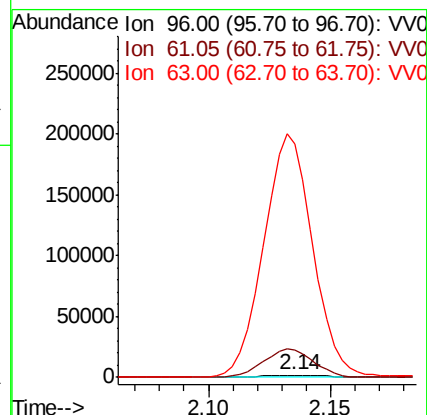
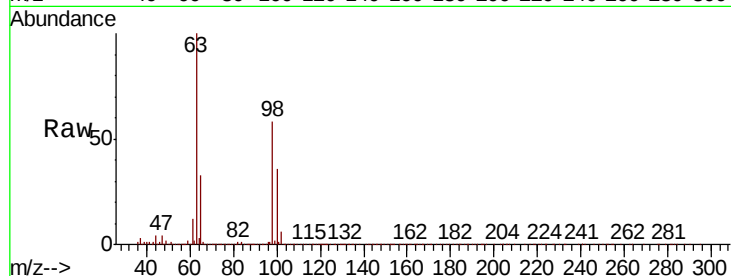
Tot Ion: 96 Resp: 3125

Ion Ratio Lower Upper

96 100

61 1467.9 121.5 225.7#

63 12536.8 90.3 167.7#



#13

Acetone

Concen: 1.930 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.03 min

Lab File: VV014343.D

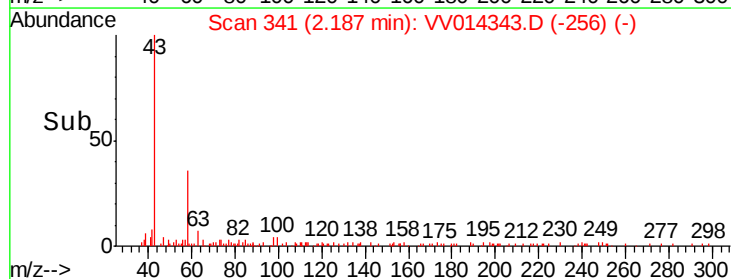
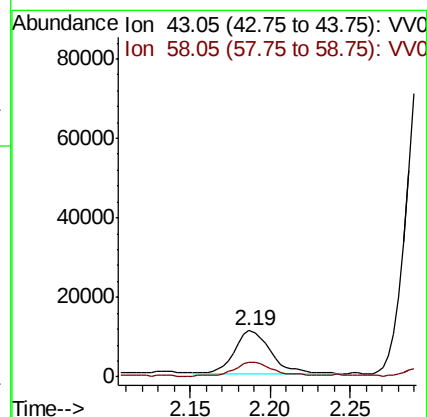
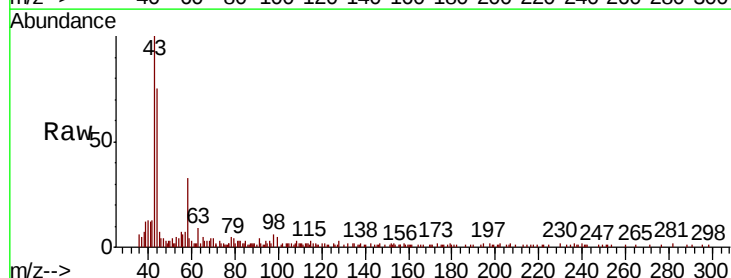
Acq: 17 Jan 2020 18:00

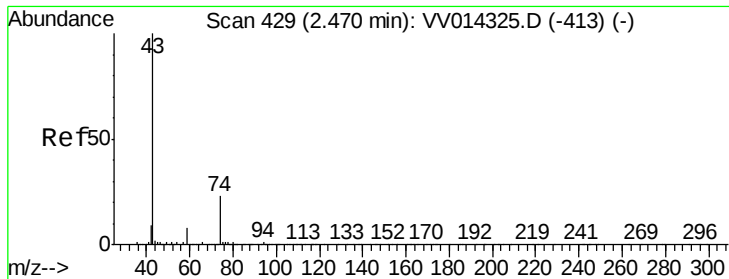
Tgt Ion: 43 Resp: 17698

Ion Ratio Lower Upper

43 100

58 34.1 0.0 66.0

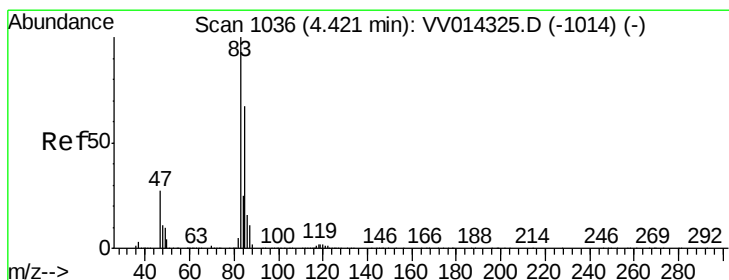
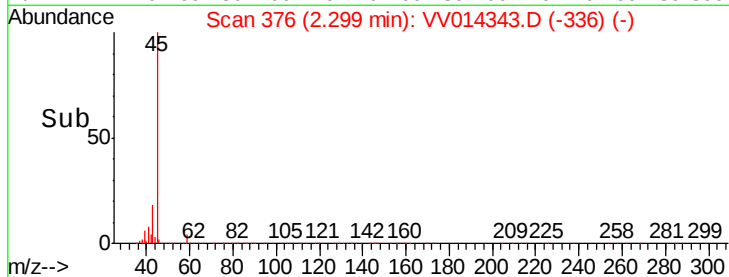
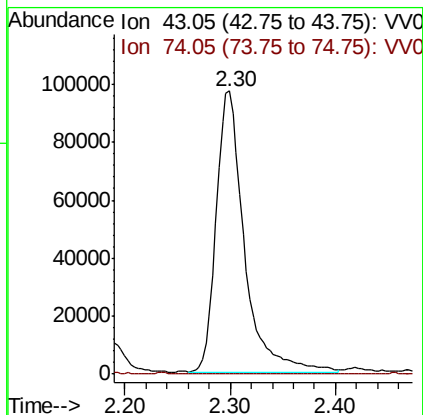
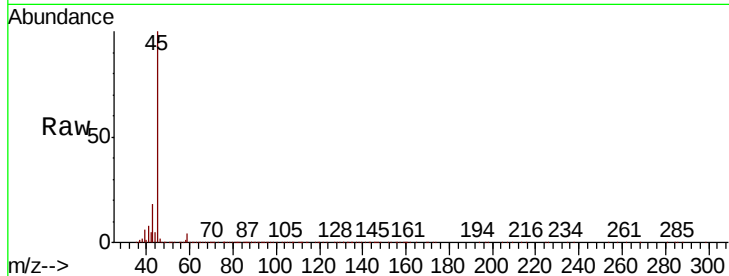




#15
Methvl Acetate
Concen: 8.383 ug/L
RT: 2.30 min Scan# 376
Delta R.T. -0.17 min
Lab File: VV014343.D
Acq: 17 Jan 2020 18:00

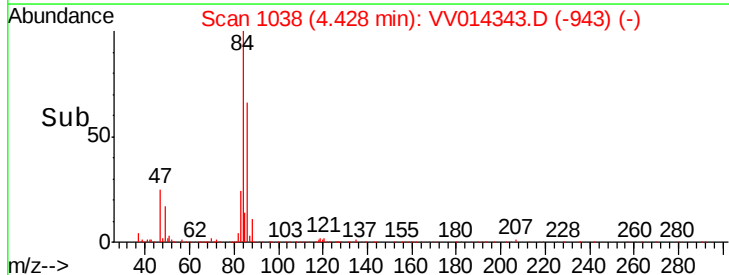
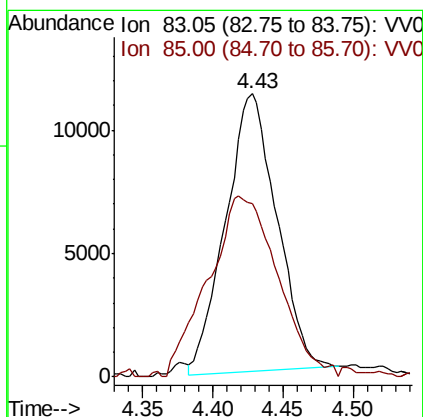
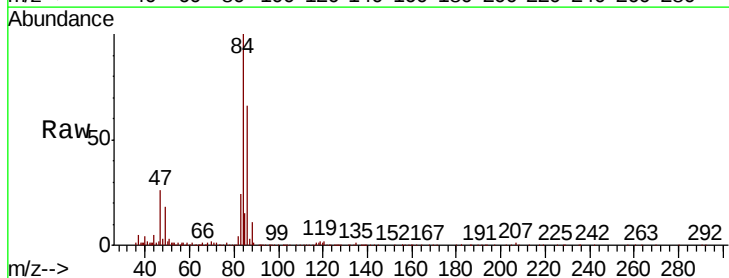
Instrument :
MSVOA_V
ClientSampled :
BF776

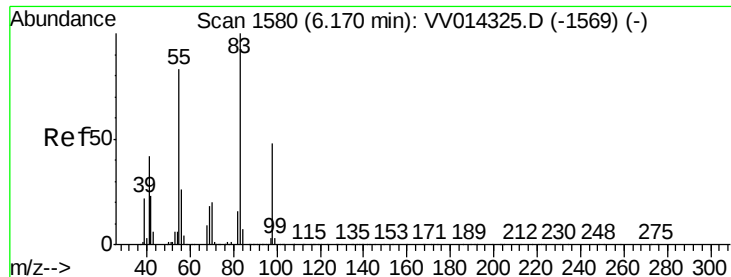
Tot Ion: 43 Resp: 178930
Ion Ratio Lower Upper
43 100
74 0.1 18.6 28.0#



#25
Chloroform
Concen: 0.287 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014343.D
Acq: 17 Jan 2020 18:00

Tgt Ion: 83 Resp: 28612
Ion Ratio Lower Upper
83 100
85 61.4 46.2 85.8

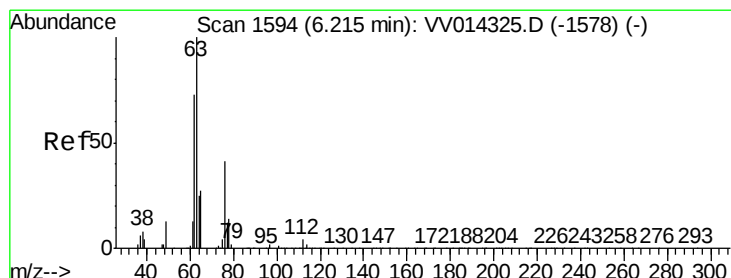
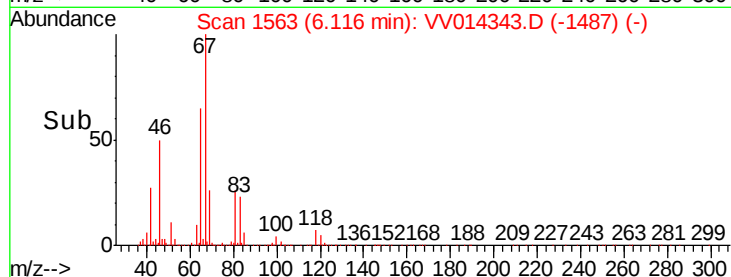
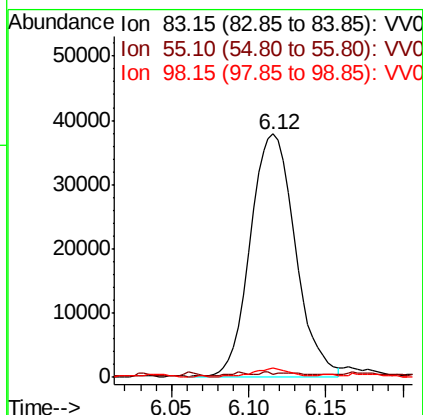
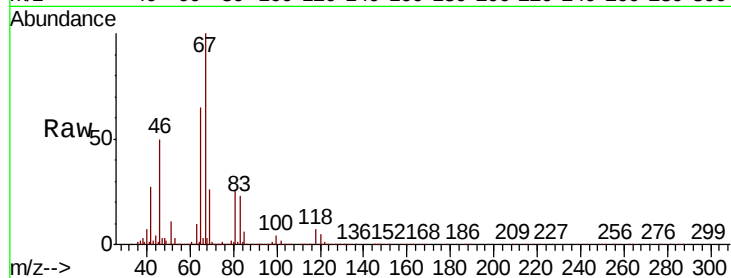




#35
Methvlcvclohexane
Concen: 0.804 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014343.D
Acq: 17 Jan 2020 18:00

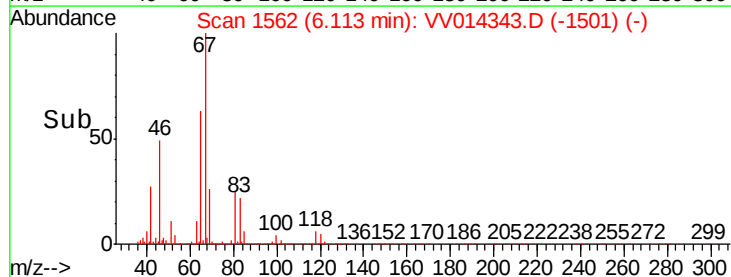
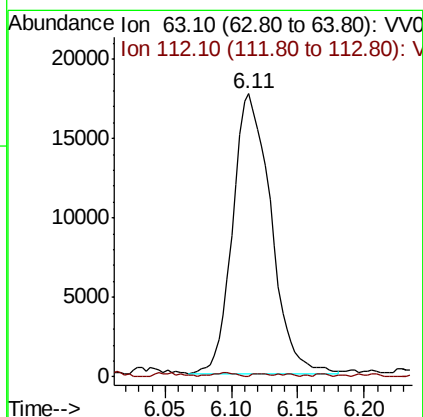
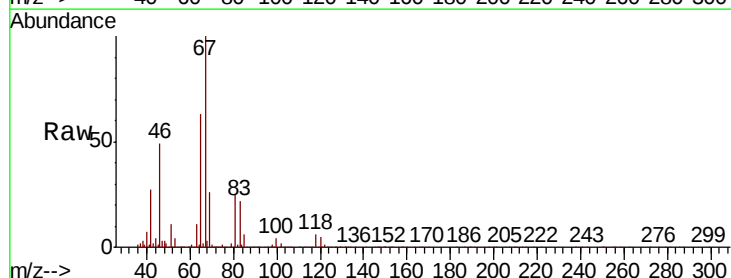
Instrument :
MSVOA_V
ClientSampleId :
BF776

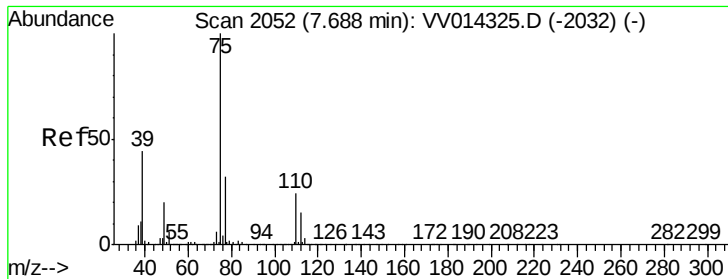
Tot Ion: 83 Resp: 76808
Ion Ratio Lower Upper
83 100
55 0.3 61.7 92.5#
98 3.0 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014343.D
Acq: 17 Jan 2020 18:00

Tgt Ion: 63 Resp: 35154
Ion Ratio Lower Upper
63 100
112 0.6 3.7 5.5#





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.03 min

Lab File: VV014343.D

Acq: 17 Jan 2020 18:00

Instrument :

MSVOA_V

ClientSampleId :

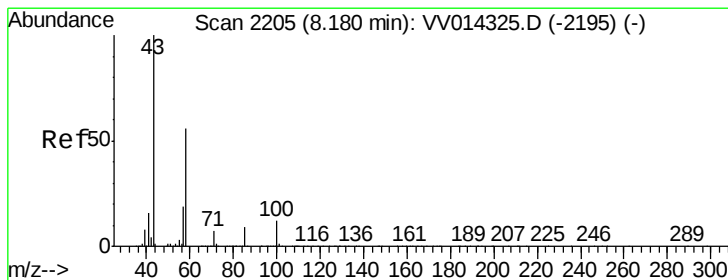
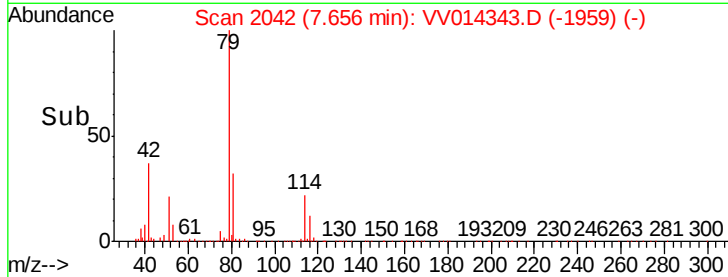
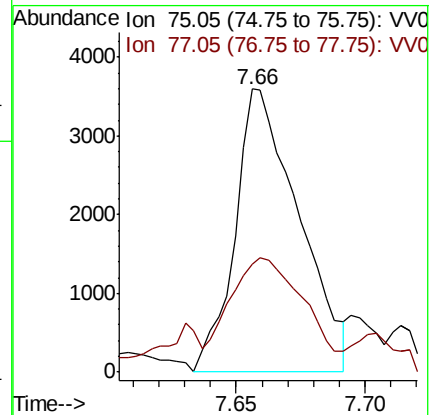
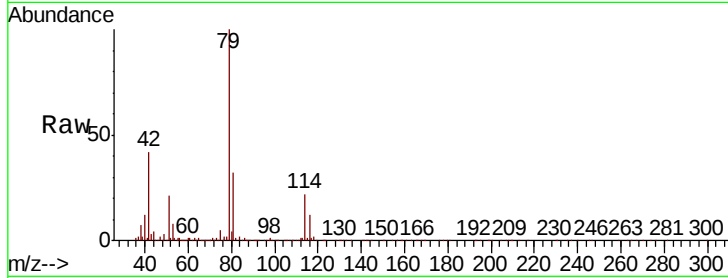
BF776

Tot Ion: 75 Resp: 6185

Ion Ratio Lower Upper

75 100

77 38.2 22.0 41.0



#48

2-Hexanone

Concen: 3.256 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

Lab File: VV014343.D

Acq: 17 Jan 2020 18:00

Tgt Ion: 43 Resp: 81428

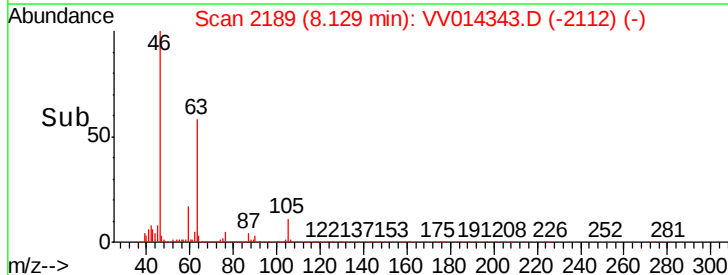
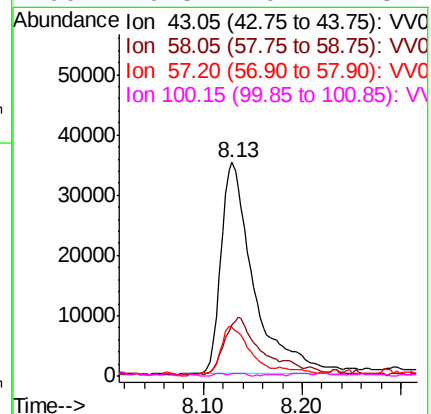
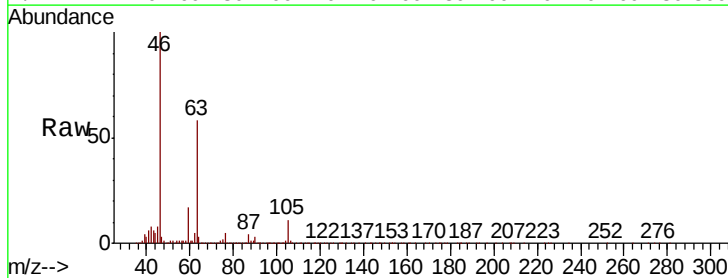
Ion Ratio Lower Upper

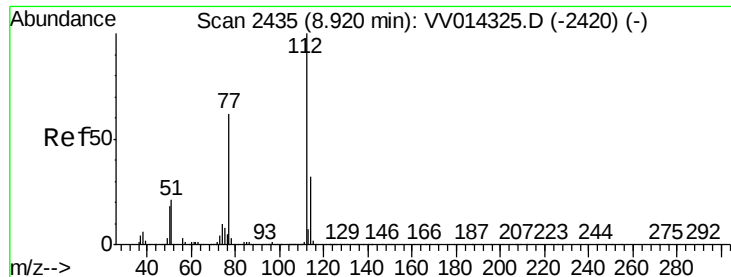
43 100

58 26.3 45.4 68.0#

57 21.1 15.8 23.8

100 0.5 10.2 15.4#





#51

Chlorobenzene

Concen: 0.528 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV014343.D

Acq: 17 Jan 2020 18:00

Instrument :

MSVOA_V

ClientSampleId :

BF776

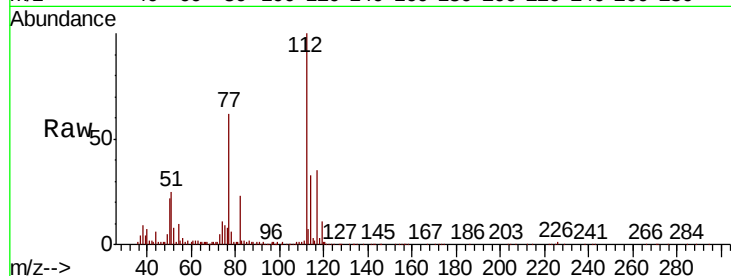
Tot Ion:112 Resp: 77932

Ion Ratio Lower Upper

112 100

114 33.0 22.5 41.7

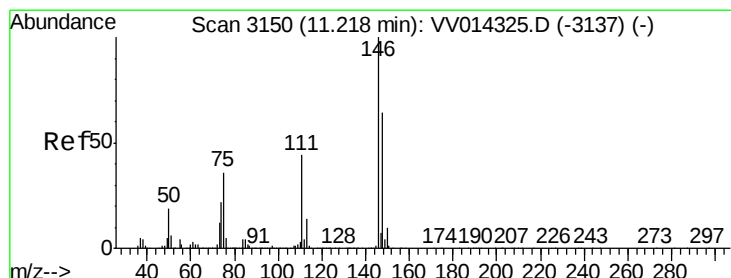
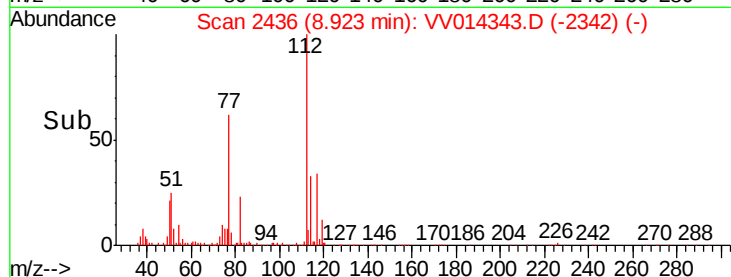
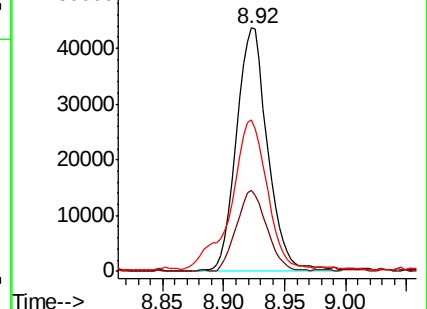
77 62.0 49.3 73.9



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: 0.527 ug/L

RT: 11.22 min Scan# 3151

Delta R.T. 0.00 min

Lab File: VV014343.D

Acq: 17 Jan 2020 18:00

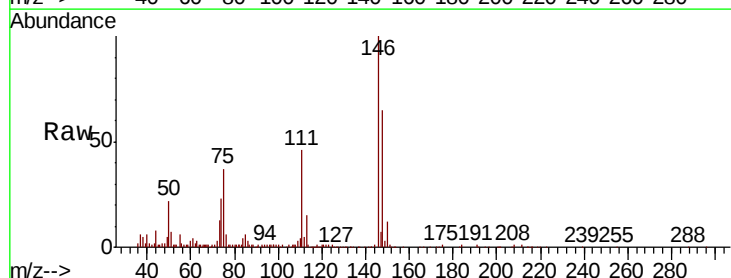
Tgt Ion:146 Resp: 55039

Ion Ratio Lower Upper

146 100

111 46.4 30.7 57.1

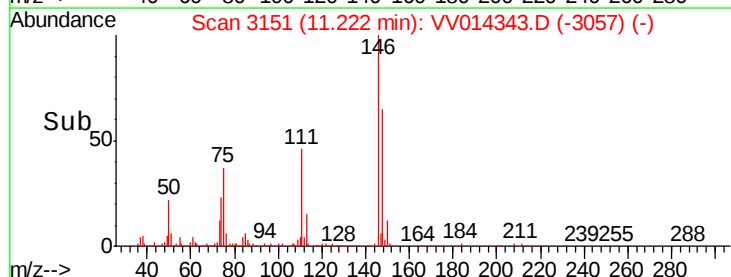
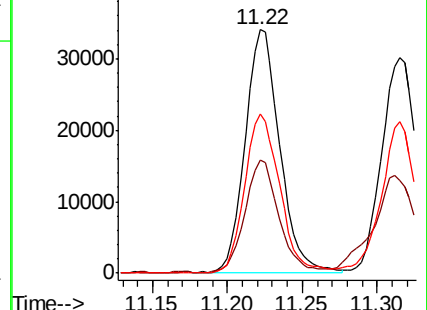
148 65.1 44.4 82.5

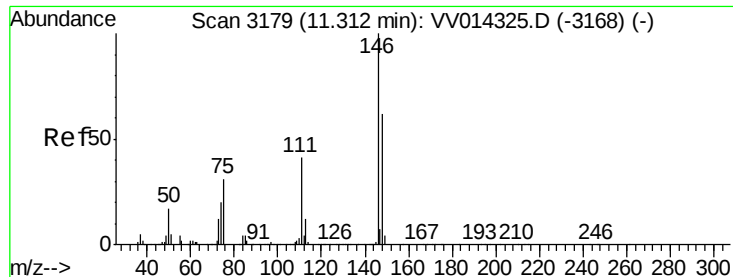


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 0.478 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV014343.D

Acq: 17 Jan 2020 18:00

Instrument :

MSVOA_V

ClientSampleId :

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Tot Ion:146 Resp: 49654

Ion Ratio Lower Upper

146 100

111 43.1 28.8 53.4

148 70.3 44.5 82.7

