

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014329.D
 Acq On : 17 Jan 2020 11:38
 Operator : SY/MD
 Sample : L1169-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF780

Quant Time: Jan 17 22:54:05 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	807266	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	741871	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	335503	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	215267	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.58	69	177059	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.13	63	260331	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.96	46	647476	47.72	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.44%
24) Chloroform-d	4.40	84	493843	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	250702	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.10	84	1046710	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.11	67	334121	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	931480	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.66	79	131332	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.13	63	588538	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	223726	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	300169	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

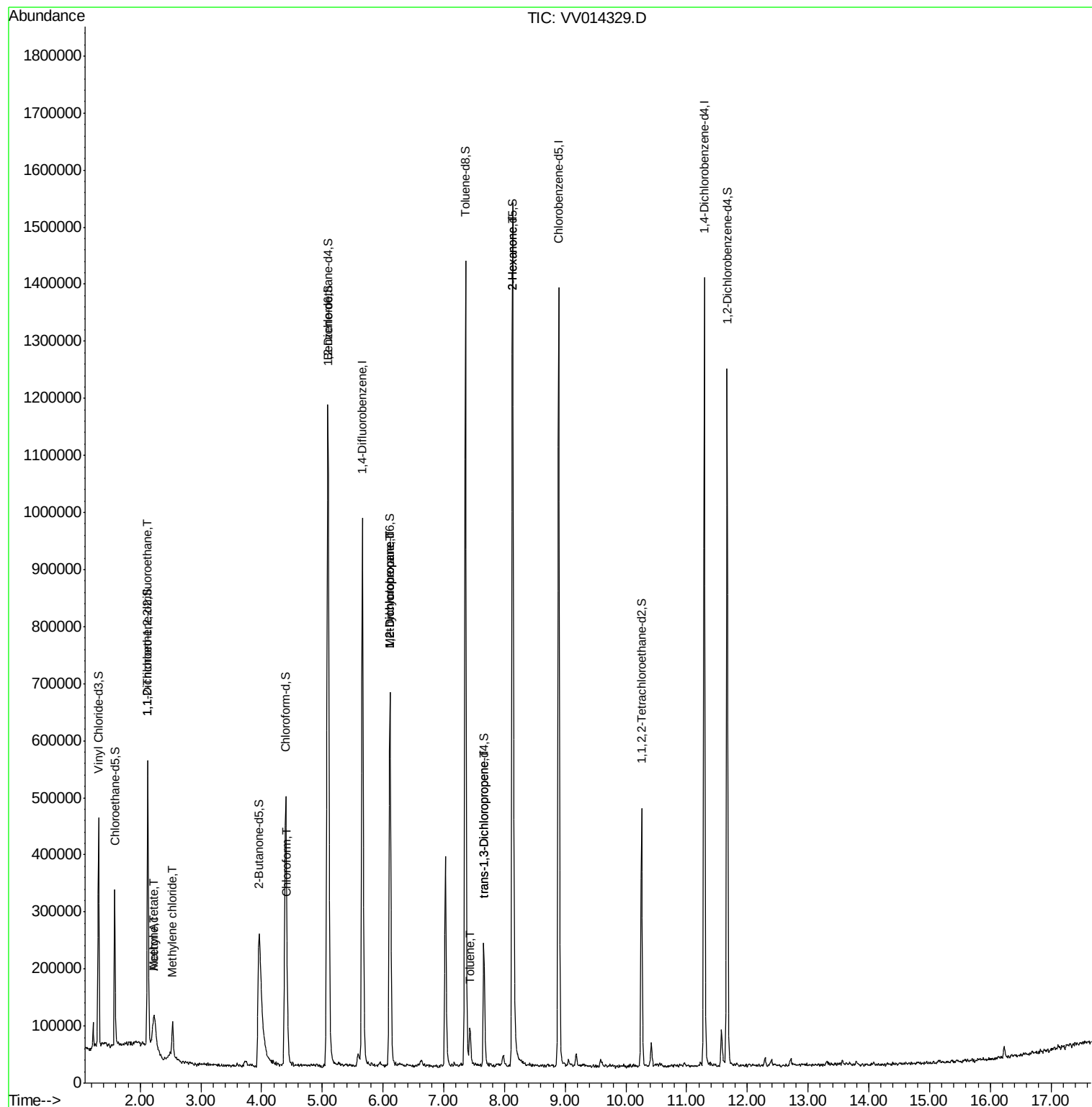
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2932	0.081	ug/L #	20
13) Acetone	2.23	43	172182	18.427	ug/L	92
15) Methyl Acetate	2.23	43	169346	7.785	ug/L #	52
16) Methylene chloride	2.53	84	27773	0.473	ug/L	96
25) Chloroform	4.43	83	26785	0.263	ug/L	99
35) Methylcyclohexane	6.11	83	74413	0.775	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	34716	0.602	ug/L #	89
42) Toluene	7.43	91	48135	0.200	ug/L	90
44) trans-1,3-Dichloropropene	7.66	75	5674	0.079	ug/L	92
48) 2-Hexanone	8.13	43	65255	2.595	ug/L #	74

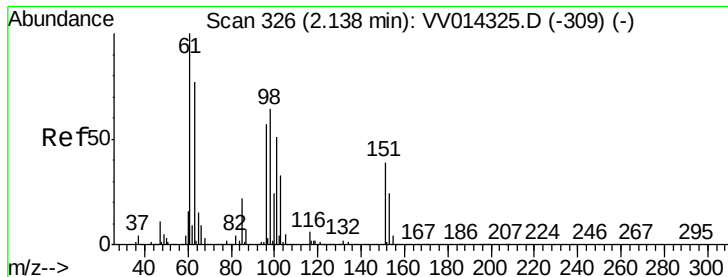
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV011720\
Data File : VV014329.D
Acq On : 17 Jan 2020 11:38
Operator : SY/MD
Sample : L1169-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF780

Quant Time: Jan 17 22:54:05 2020
Quant Method : Z:\V0ASRV\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





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.081 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.02 min

Lab File: VV014329.D

Acq: 17 Jan 2020 11:38

Instrument :

MSVOA_V

ClientSampleId :

BF780

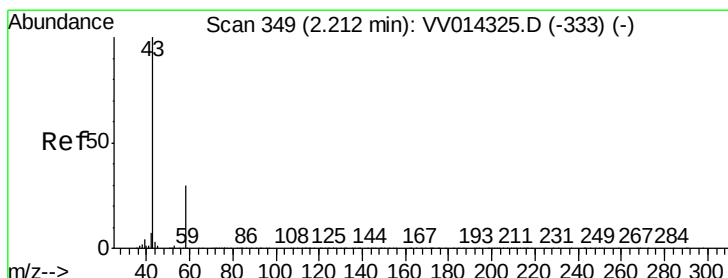
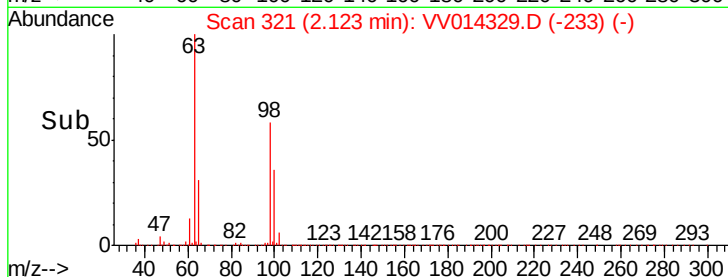
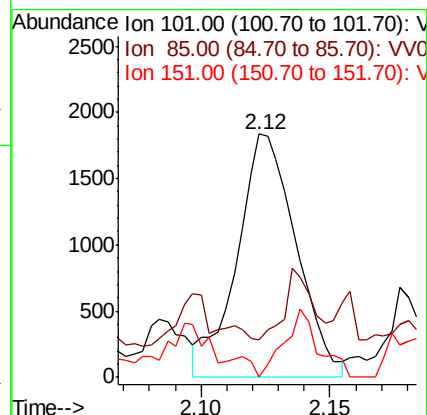
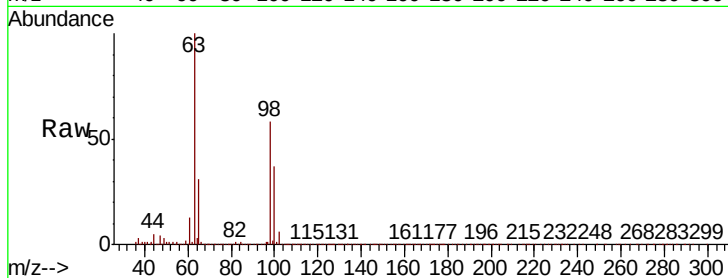
Tot Ion:101 Resp: 2932

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 2.7 62.5 93.7#



#13

Acetone

Concen: 18.427 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

Lab File: VV014329.D

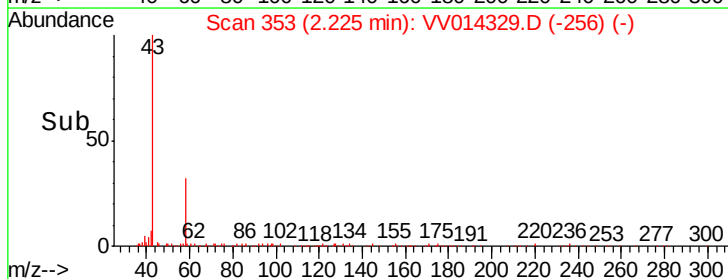
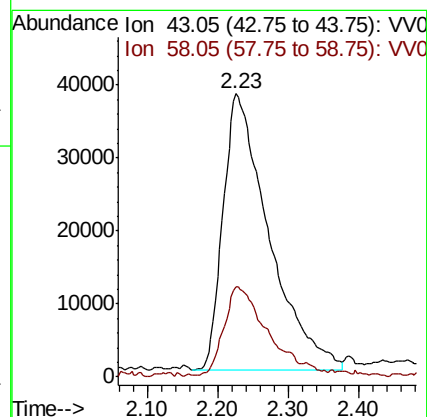
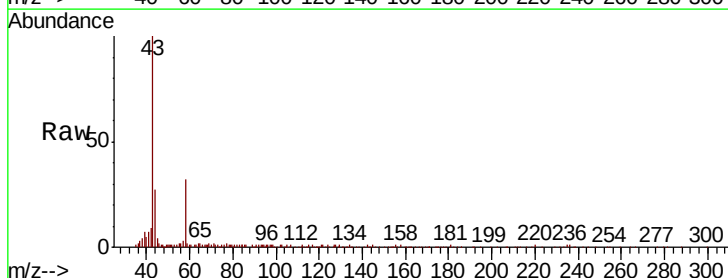
Acq: 17 Jan 2020 11:38

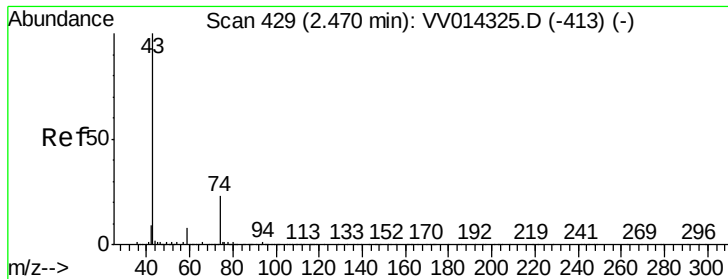
Tgt Ion: 43 Resp: 172182

Ion Ratio Lower Upper

43 100

58 28.7 0.0 66.0

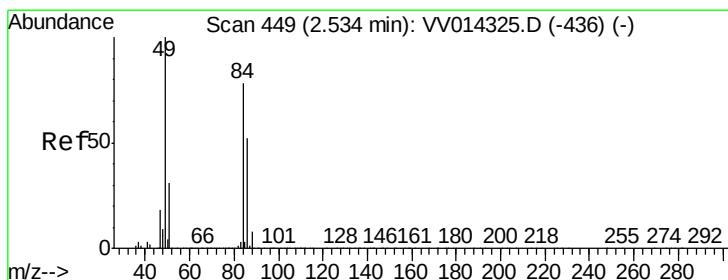
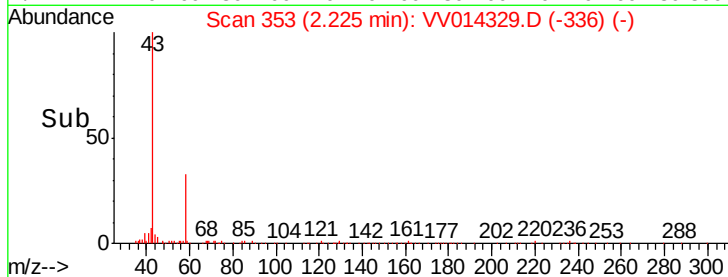
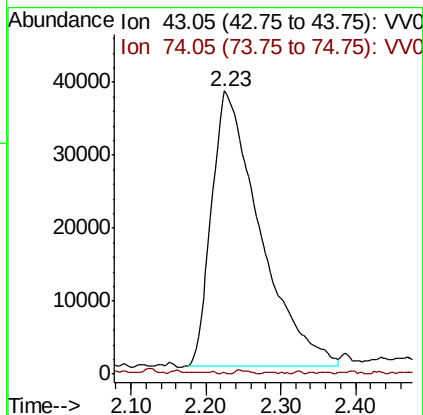
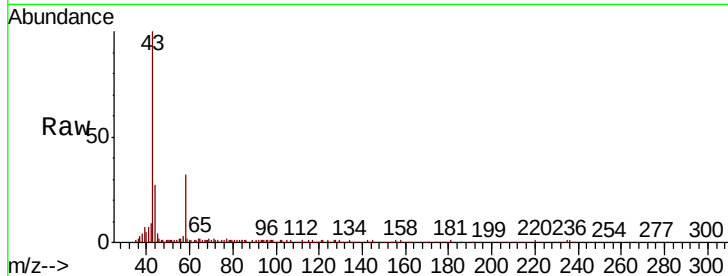




#15
Methvl Acetate
Concen: 7.785 ug/L
RT: 2.23 min Scan# 353
Delta R.T. -0.24 min
Lab File: VV014329.D
Acq: 17 Jan 2020 11:38

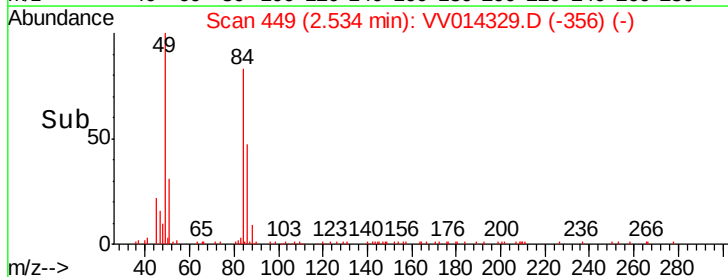
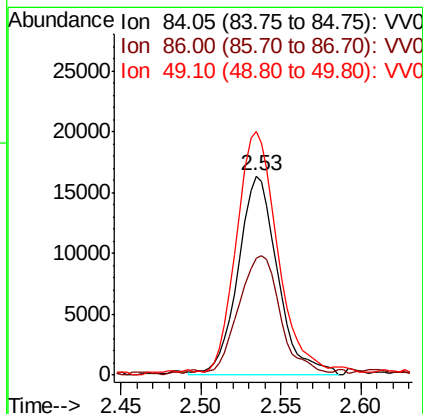
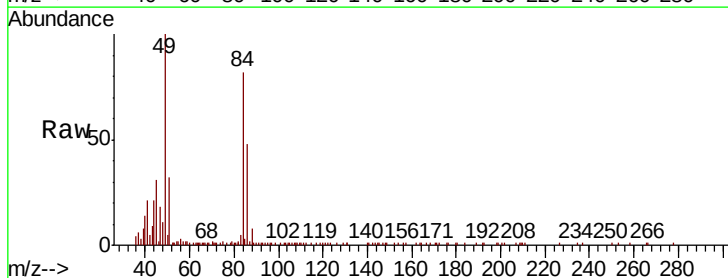
Instrument :
MSVOA_V
ClientSampleId :
BF780

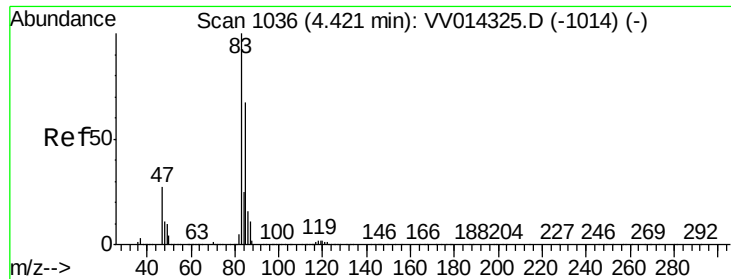
Tot Ion: 43 Resp: 169346
Ion Ratio Lower Upper
43 100
74 0.1 18.6 28.0#



#16
Methylene chloride
Concen: 0.473 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014329.D
Acq: 17 Jan 2020 11:38

Tgt Ion: 84 Resp: 27773
Ion Ratio Lower Upper
84 100
86 58.6 43.1 80.1
49 122.5 82.1 152.5

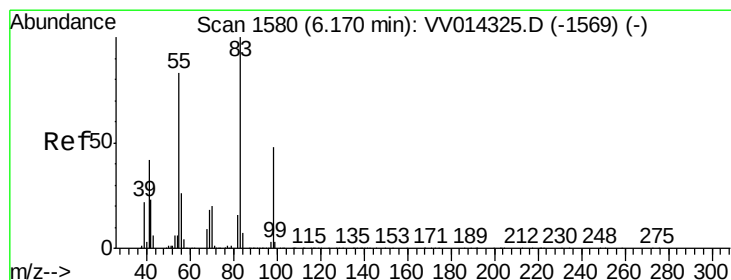
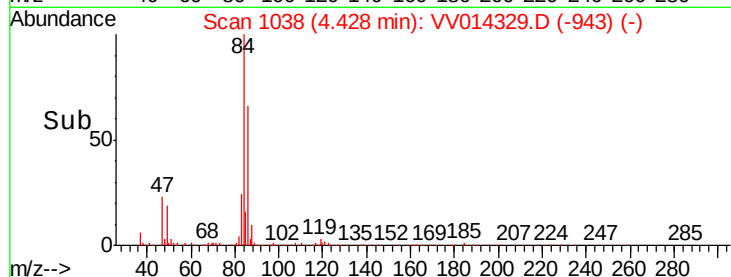
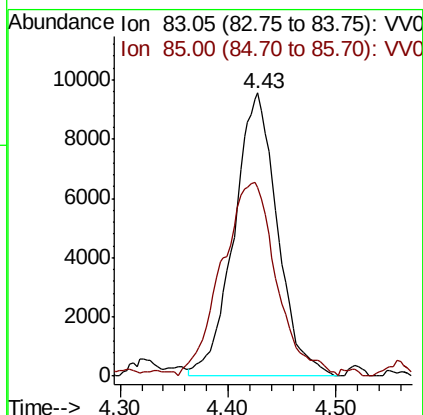
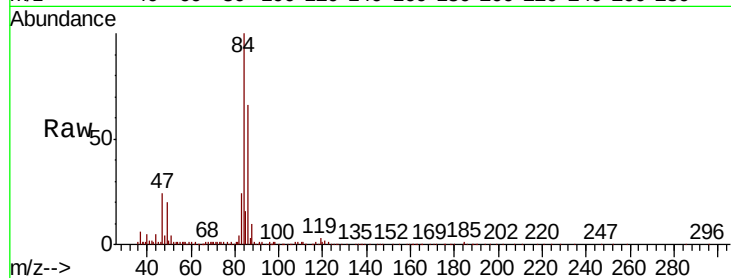




#25
Chloroform
Concen: 0.263 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014329.D
Acq: 17 Jan 2020 11:38

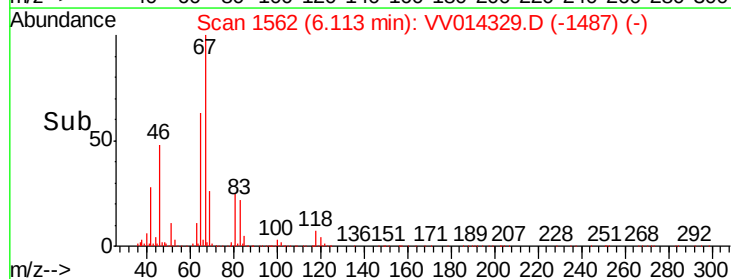
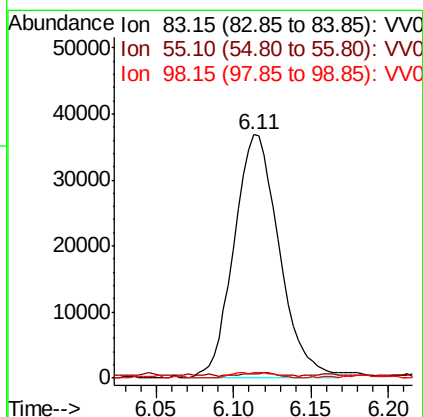
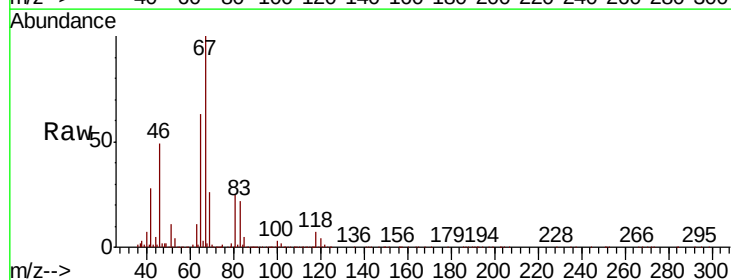
Instrument :
MSVOA_V
ClientSampleId :
BF780

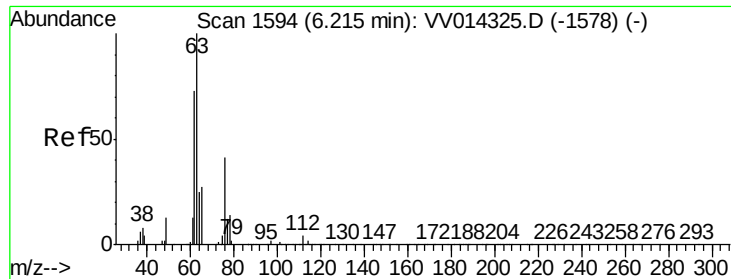
Tot Ion: 83 Resp: 26785
Ion Ratio Lower Upper
83 100
85 66.5 46.2 85.8



#35
Methylcyclohexane
Concen: 0.775 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014329.D
Acq: 17 Jan 2020 11:38

Tgt Ion: 83 Resp: 74413
Ion Ratio Lower Upper
83 100
55 1.5 61.7 92.5#
98 1.1 38.1 57.1#

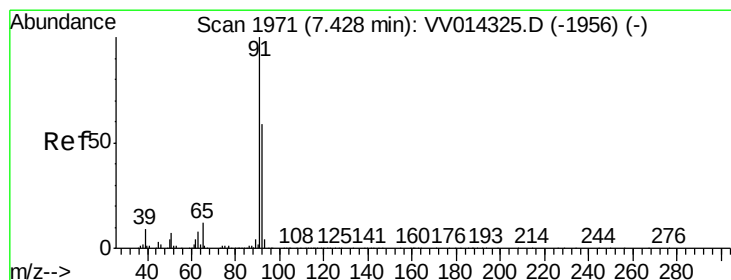
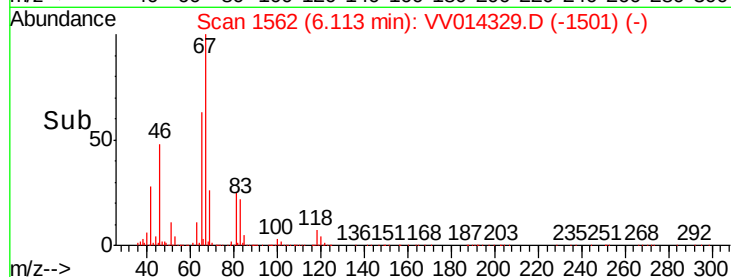
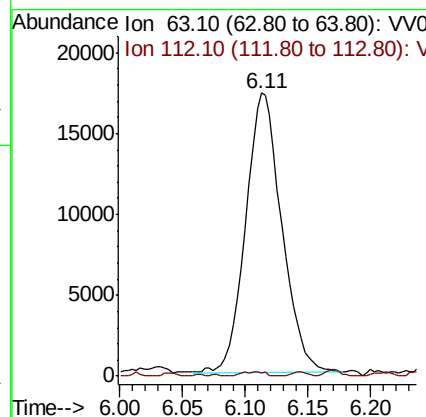
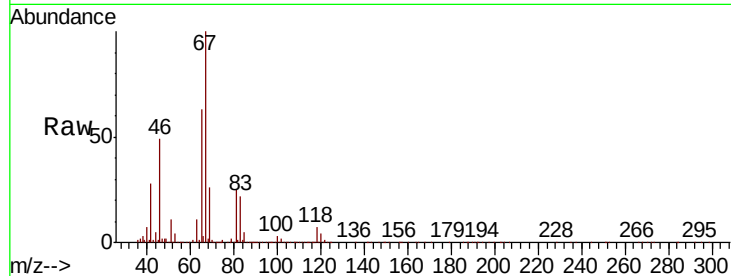




#37
 1,2-Dichloropropane
 Concen: 0.602 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014329.D
 Acq: 17 Jan 2020 11:38

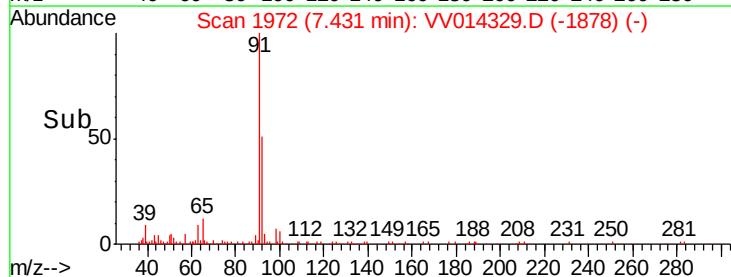
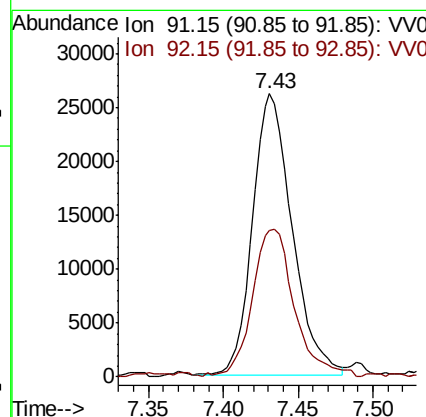
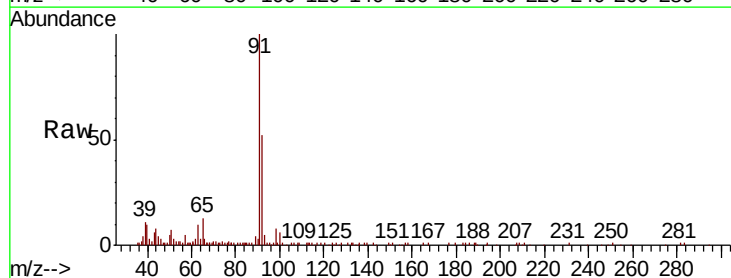
Instrument :
 MSVOA_V
 ClientSampleId :
 BF780

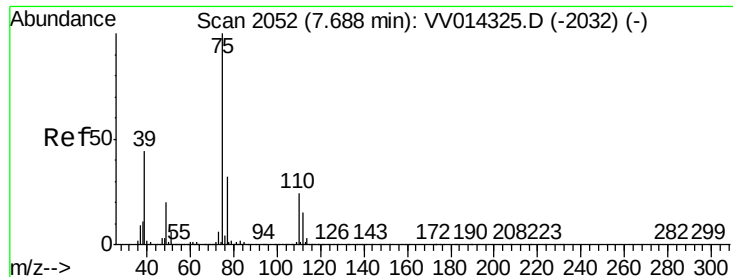
Tot Ion: 63 Resp: 34716
 Ion Ratio Lower Upper
 63 100
 112 1.0 3.7 5.5#



#42
 Toluene
 Concen: 0.200 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV014329.D
 Acq: 17 Jan 2020 11:38

Tgt Ion: 91 Resp: 48135
 Ion Ratio Lower Upper
 91 100
 92 51.8 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014329.D

Acq: 17 Jan 2020 11:38

Instrument :

MSVOA_V

ClientSampleId :

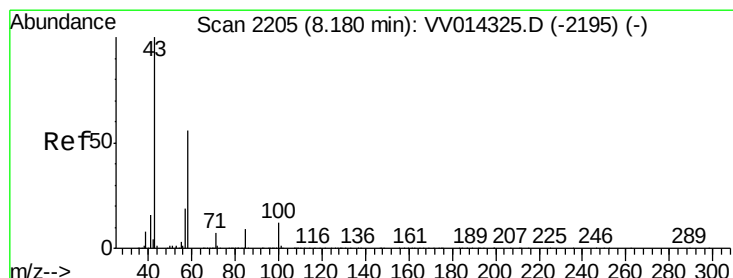
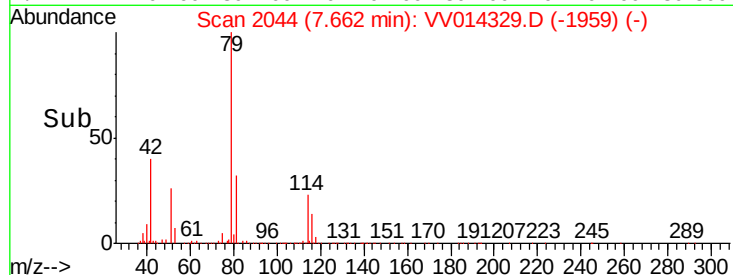
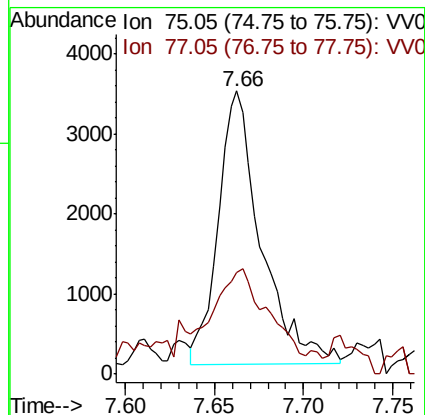
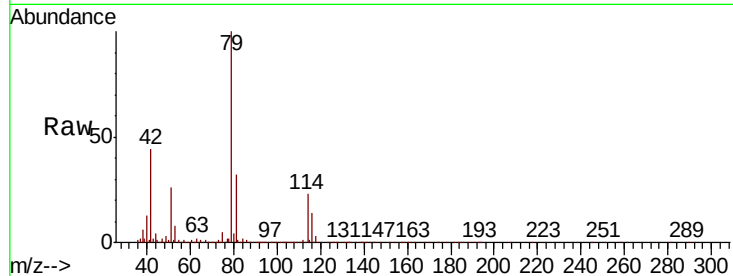
BF780

Tot Ion: 75 Resp: 5674

Ion Ratio Lower Upper

75 100

77 35.9 22.0 41.0



#48

2-Hexanone

Concen: 2.595 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014329.D

Acq: 17 Jan 2020 11:38

Tgt Ion: 43 Resp: 65255

Ion Ratio Lower Upper

43 100

58 33.1 45.4 68.0#

57 21.3 15.8 23.8

100 0.5 10.2 15.4#

