

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014328.D
 Acq On : 17 Jan 2020 11:14
 Operator : SY/MD
 Sample : L1169-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF777

Quant Time: Jan 17 22:53:57 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	859433	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	788574	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	350544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	219093	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.58	69	183946	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.13	63	276426	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.94	46	553053	38.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.58%
24) Chloroform-d	4.40	84	491641	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.08	65	247480	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.10	84	1062854	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.11	67	331128	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	941756	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.66	79	133540	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.13	63	586211	42.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	222726	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	307305	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

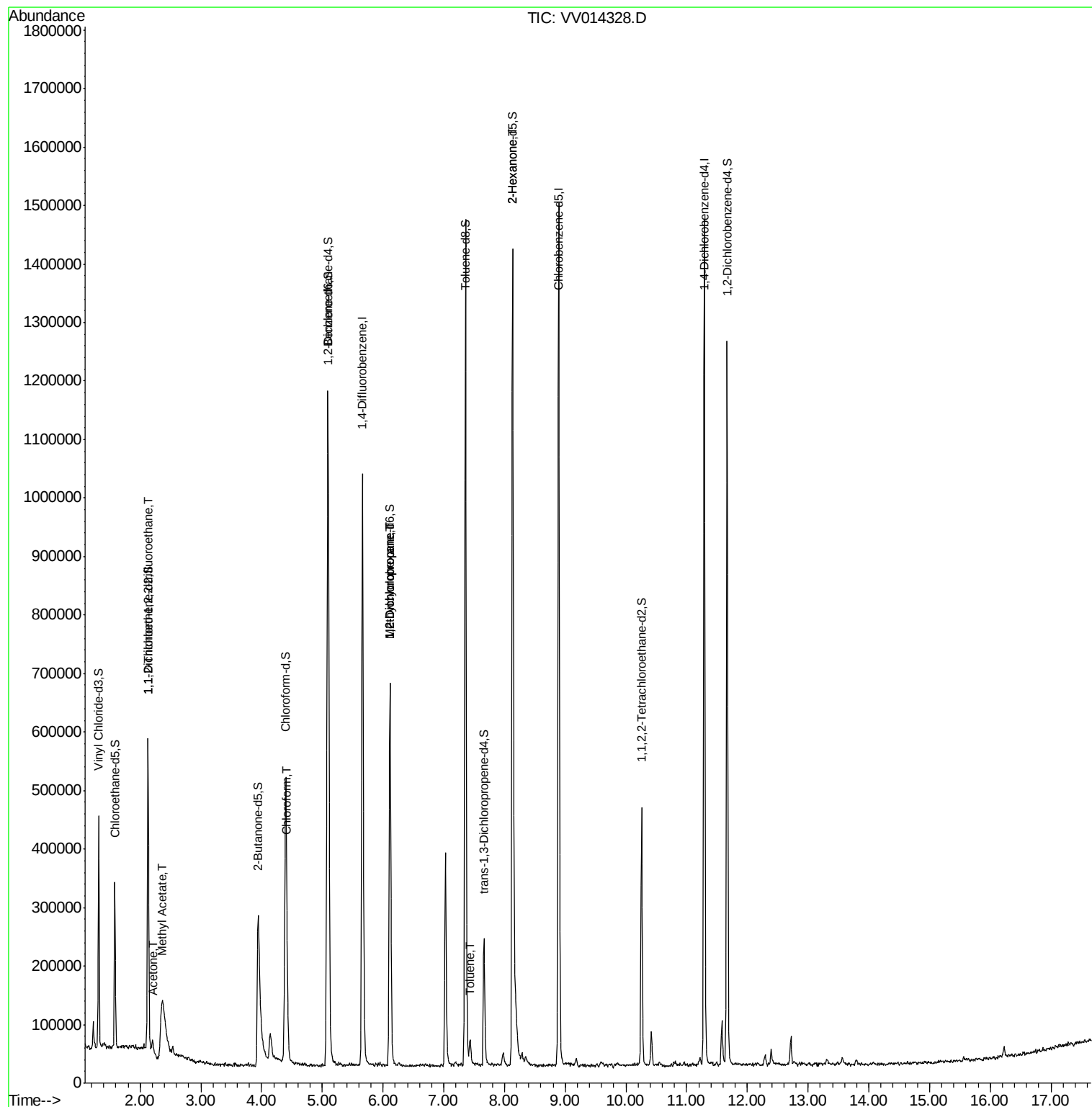
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3045	0.079 ug/L #	31
13) Acetone	2.21	43	35188	3.537 ug/L	94
15) Methyl Acetate	2.37	43	56727	2.450 ug/L #	53
25) Chloroform	4.42	83	29836	0.275 ug/L	89
35) Methylcyclohexane	6.12	83	75964	0.744 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	34291	0.559 ug/L #	87
42) Toluene	7.43	91	30139	0.118 ug/L	100
48) 2-Hexanone	8.13	43	61635	2.306 ug/L #	71

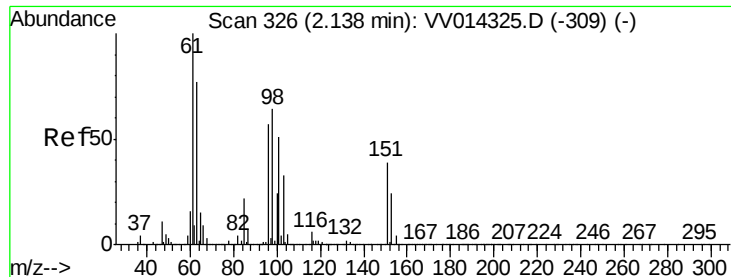
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.079 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014328.D

Acq: 17 Jan 2020 11:14

Instrument :

MSVOA_V

ClientSampleId :

BF777

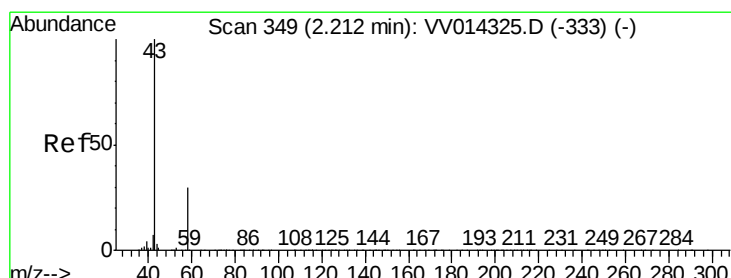
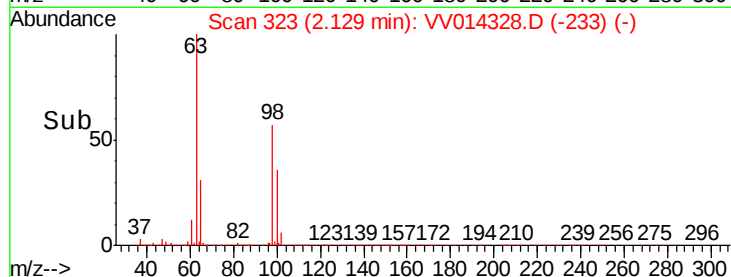
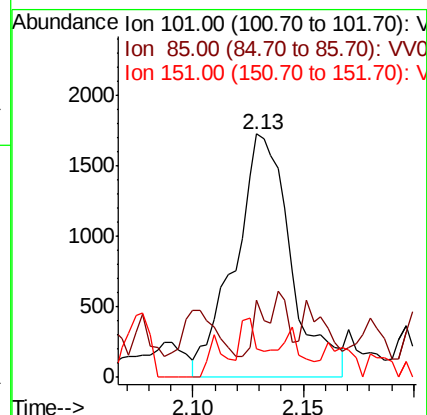
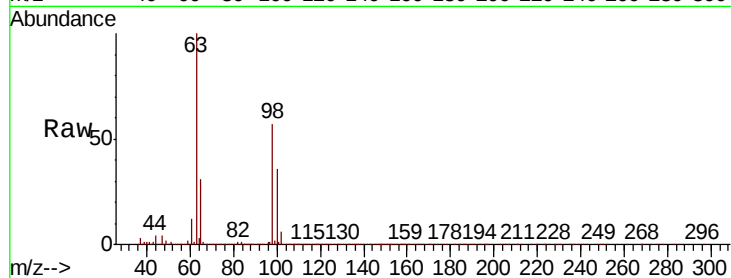
Tot Ion:101 Resp: 3045

Ion Ratio Lower Upper

101 100

85 12.3 34.9 52.3#

151 7.7 62.5 93.7#



#13

Acetone

Concen: 3.537 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV014328.D

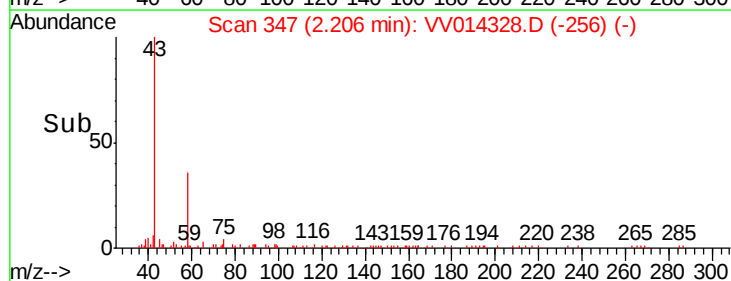
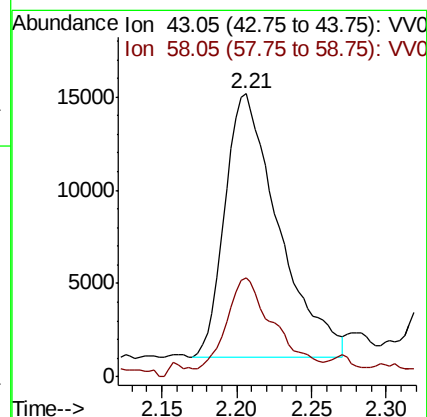
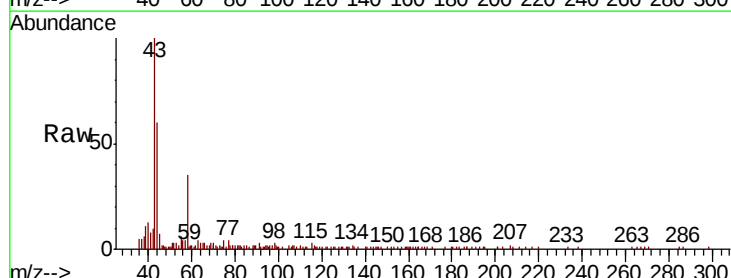
Acq: 17 Jan 2020 11:14

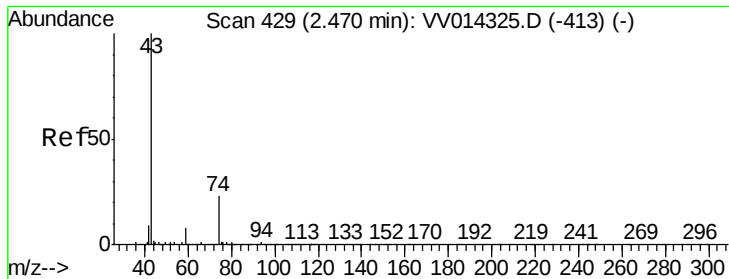
Tgt Ion: 43 Resp: 35188

Ion Ratio Lower Upper

43 100

58 29.4 0.0 66.0

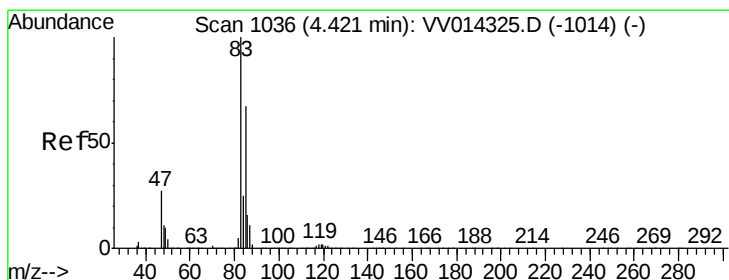
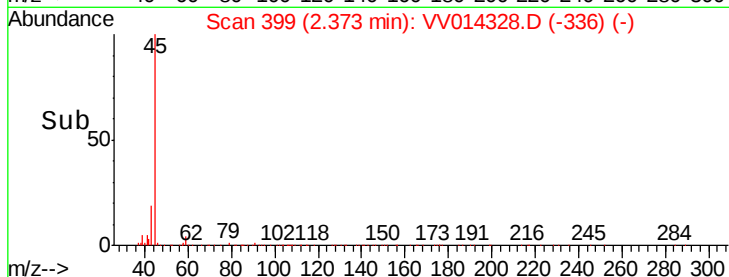
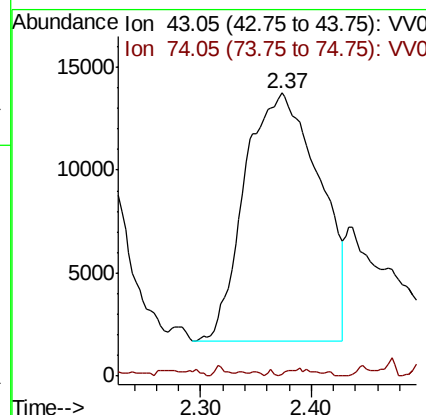
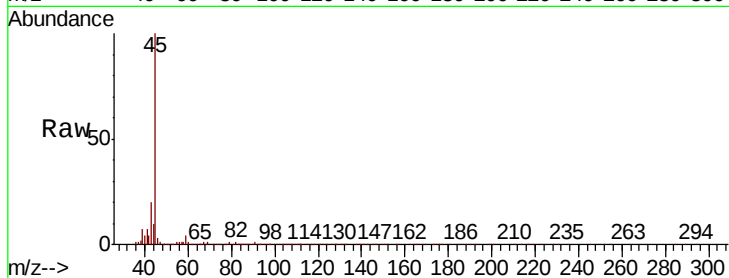




#15
Methvl Acetate
Concen: 2.450 ug/L
RT: 2.37 min Scan# 399
Delta R.T. -0.10 min
Lab File: VV014328.D
Acq: 17 Jan 2020 11:14

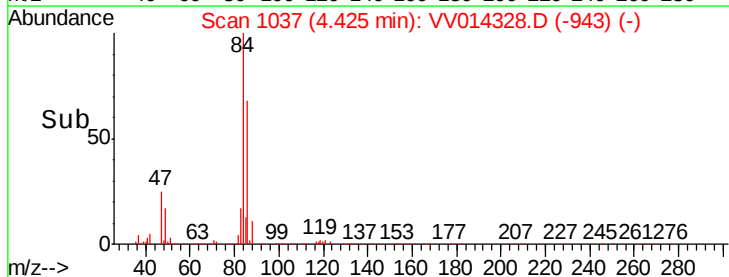
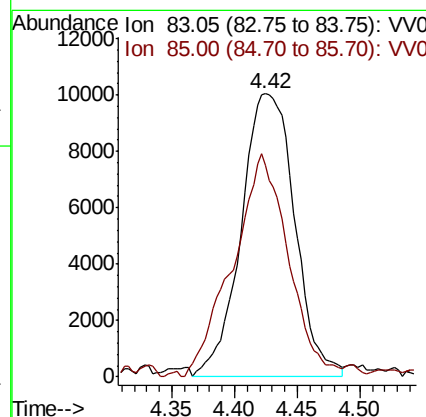
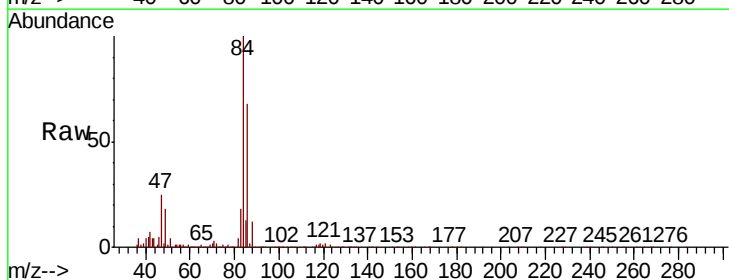
Instrument :
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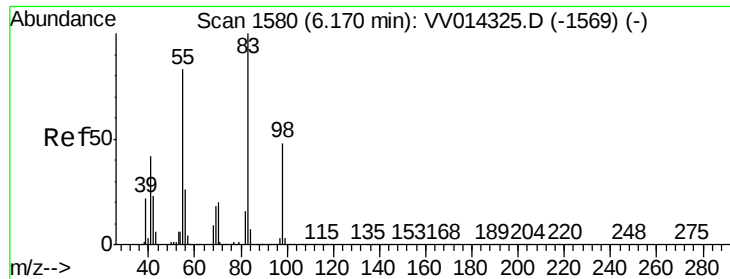
Tot Ion: 43 Resp: 56727
Ion Ratio Lower Upper
43 100
74 0.2 18.6 28.0#



#25
Chloroform
Concen: 0.275 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014328.D
Acq: 17 Jan 2020 11:14

Tgt Ion: 83 Resp: 29836
Ion Ratio Lower Upper
83 100
85 74.9 46.2 85.8





#35

Methvlcvclohexane

Concen: 0.744 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014328.D

Acq: 17 Jan 2020 11:14

Instrument :

MSVOA_V

ClientSampleId :

BF777

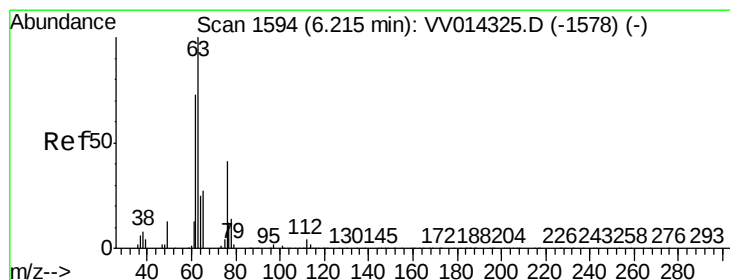
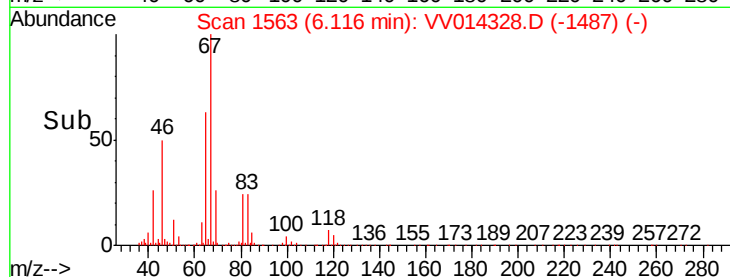
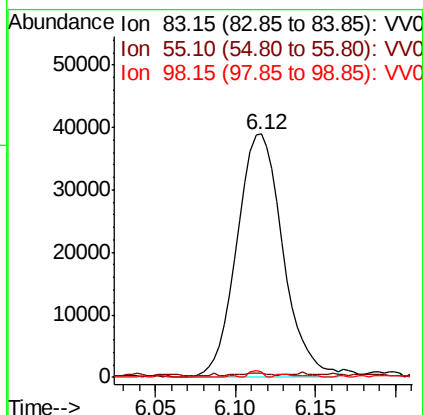
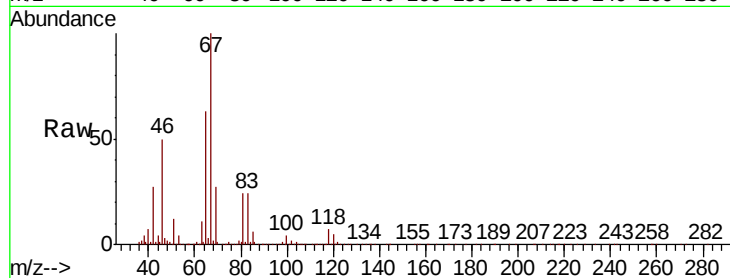
Tot Ion: 83 Resp: 75964

Ion Ratio Lower Upper

83 100

55 0.8 61.7 92.5#

98 0.7 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV014328.D

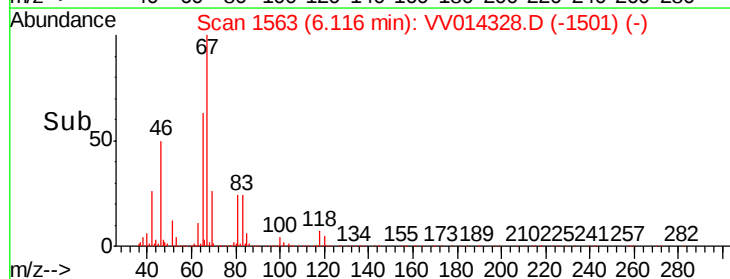
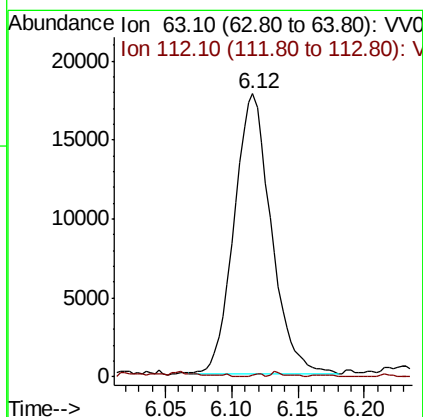
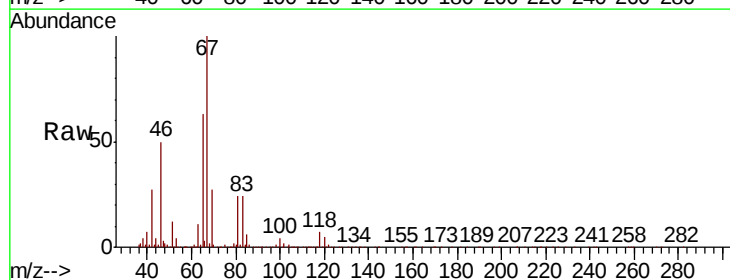
Acq: 17 Jan 2020 11:14

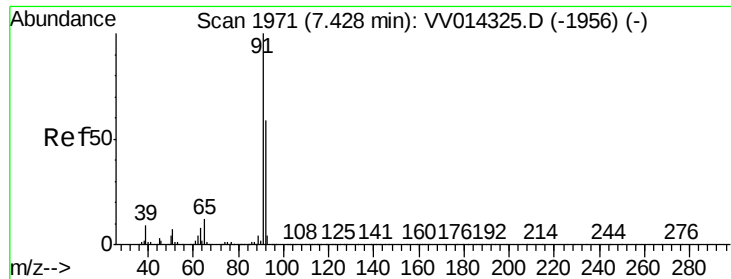
Tgt Ion: 63 Resp: 34291

Ion Ratio Lower Upper

63 100

112 0.3 3.7 5.5#





#42

Toluene

Concen: 0.118 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV014328.D

Acq: 17 Jan 2020 11:14

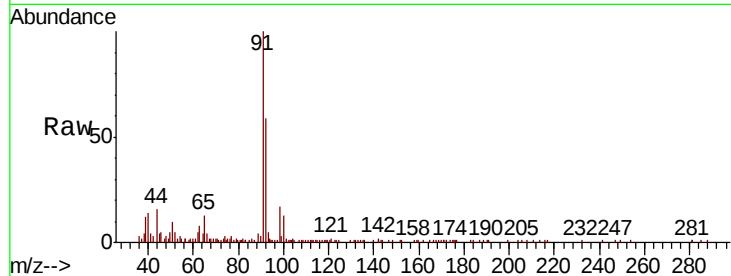
Instrument :
MSVOA_V
ClientSampleId :
BF777

Tot Ion: 91 Resp: 30139

Ion Ratio Lower Upper

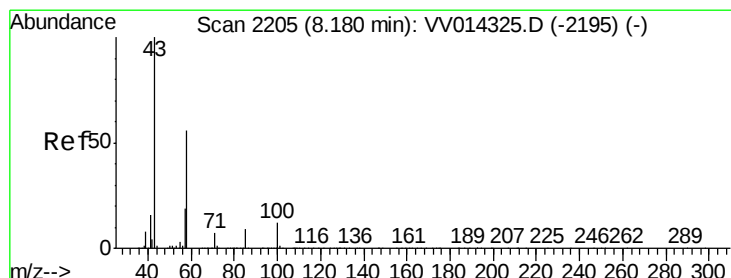
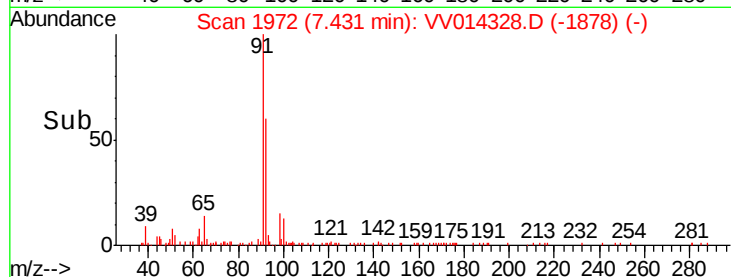
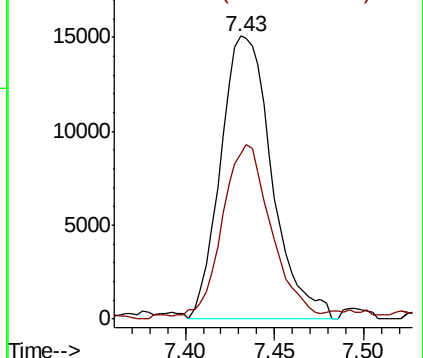
91 100

92 58.6 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#48

2-Hexanone

Concen: 2.306 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014328.D

Acq: 17 Jan 2020 11:14

Tgt Ion: 43 Resp: 61635

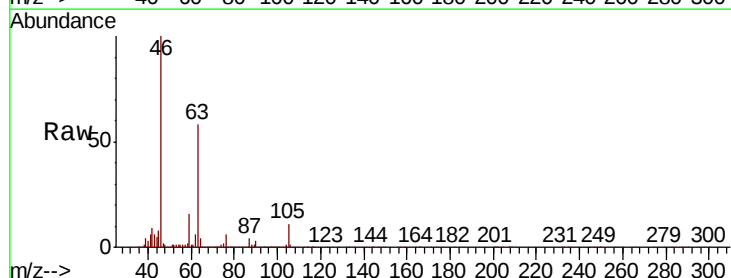
Ion Ratio Lower Upper

43 100

58 30.8 45.4 68.0#

57 24.0 15.8 23.8#

100 0.5 10.2 15.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

