

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011420\
 Data File : VV014294.D
 Acq On : 14 Jan 2020 14:18
 Operator : SY/MD
 Sample : L1101-05DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 14 22:22:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 14 22:19:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	949232	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	845863	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	394038	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	265619	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.58	69	218655	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.13	63	328612	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.96	46	724087	45.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.76%
24) Chloroform-d	4.40	84	570023	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	285396	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.09	84	1213675	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.11	67	379956	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.35	98	1078225	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.66	79	151569	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.13	63	644065	43.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.88%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	243995	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	338543	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

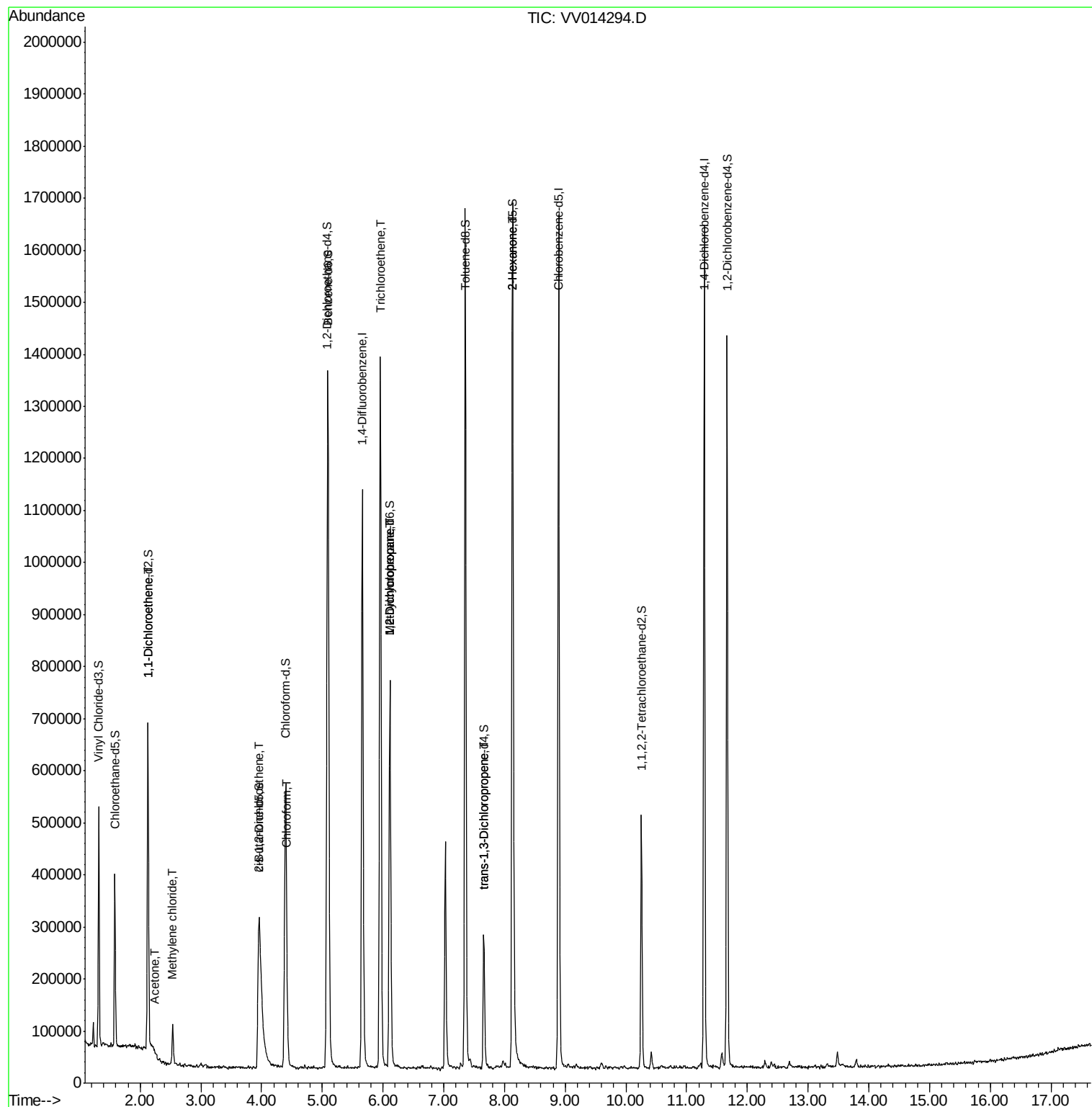
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	4291	0.101	ug/L #	1
13) Acetone	2.23	43	20472	1.863	ug/L	81
16) Methylene chloride	2.54	84	32784	0.475	ug/L	86
22) cis-1,2-Dichloroethene	3.96	96	8727	0.125	ug/L #	79
25) Chloroform	4.42	83	16043	0.134	ug/L	94
34) Trichloroethene	5.96	95	499246	7.458	ug/L	99
35) Methylcyclohexane	6.11	83	85720	0.783	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	38012	0.578	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	6987	0.085	ug/L #	64
48) 2-Hexanone	8.13	43	81208	2.833	ug/L #	46

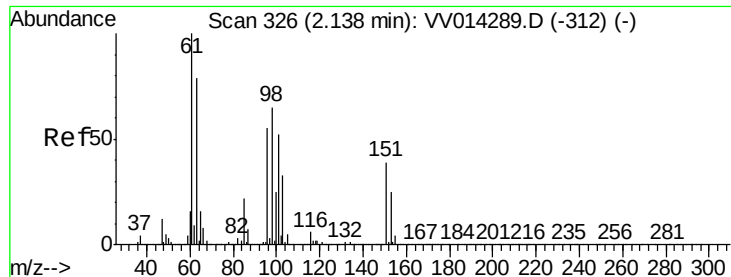
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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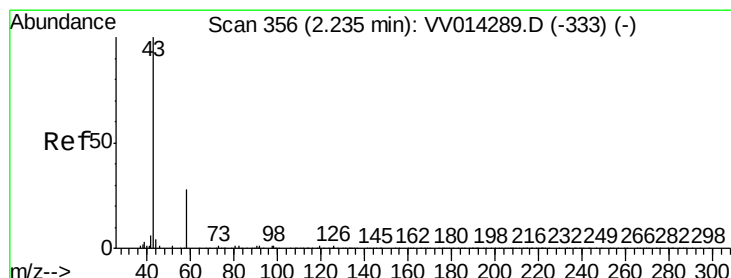
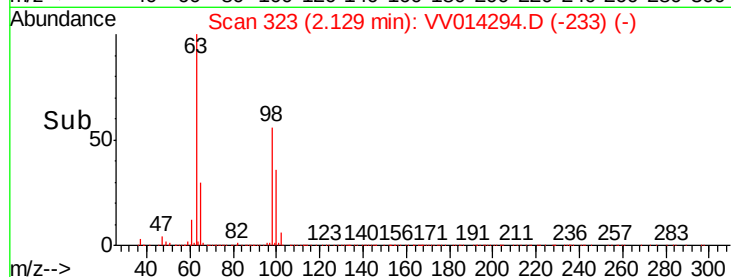
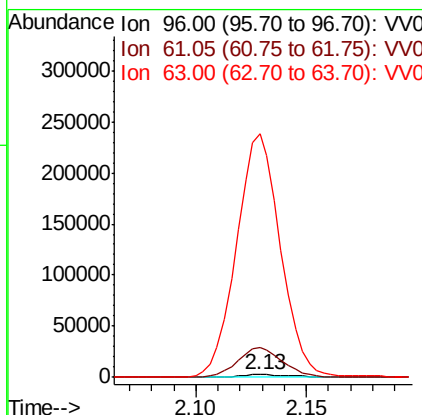
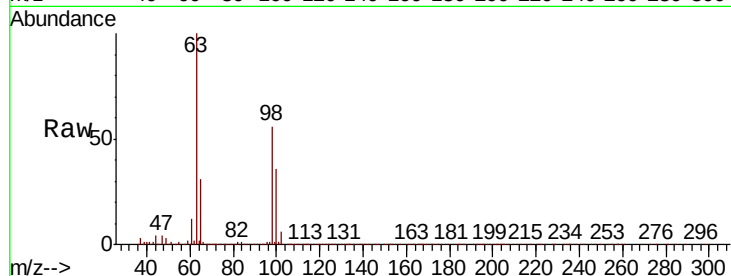




#12
 1,1-Dichloroethene
 Concen: 0.101 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV014294.D
 Acq: 14 Jan 2020 14:18

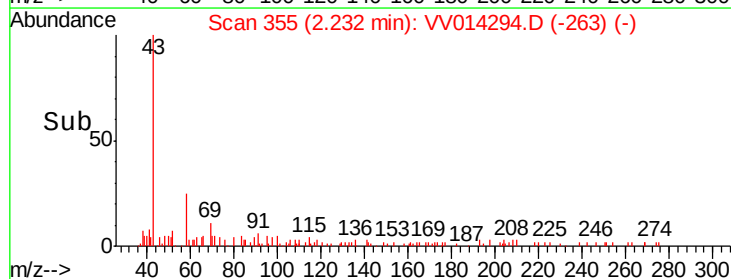
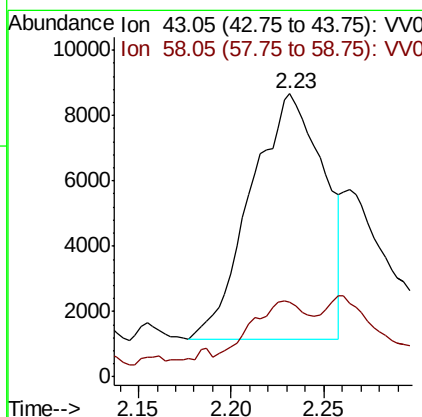
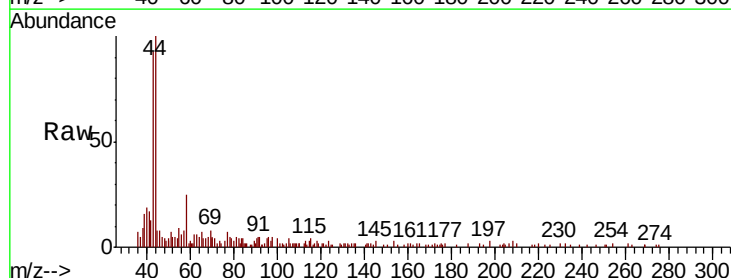
Instrument :
 MSVOA_V
 ClientSampled :

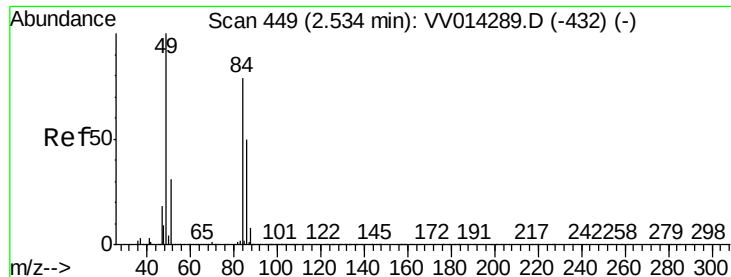
Tot Ion: 96 Resp: 4291
 Ion Ratio Lower Upper
 96 100
 61 1117.0 121.5 225.7#
 63 9152.3 90.3 167.7#



#13
 Acetone
 Concen: 1.863 ug/L
 RT: 2.23 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VV014294.D
 Acq: 14 Jan 2020 14:18

Tgt Ion: 43 Resp: 20472
 Ion Ratio Lower Upper
 43 100
 58 22.0 0.0 66.0

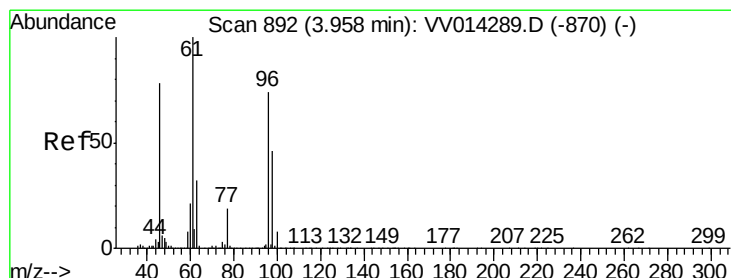
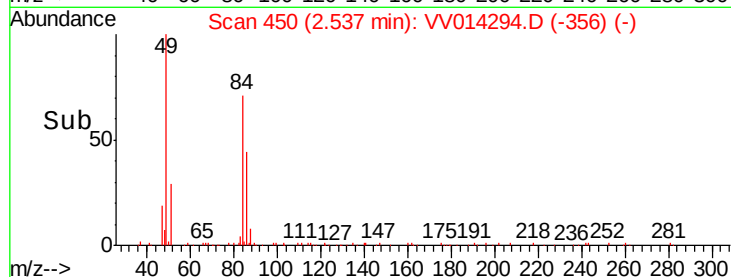
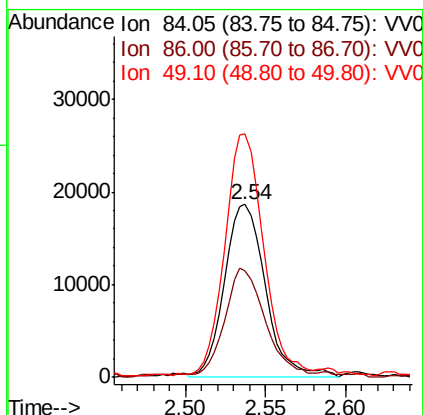
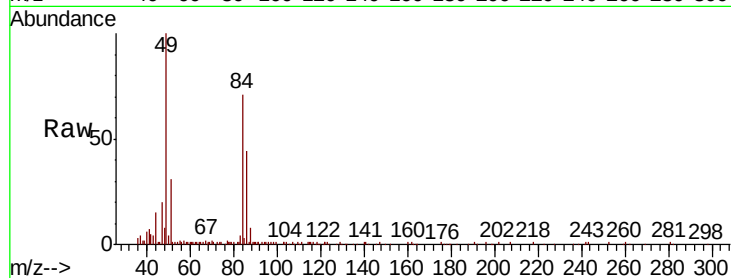




#16
Methylene chloride
Concen: 0.475 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014294.D
Acq: 14 Jan 2020 14:18

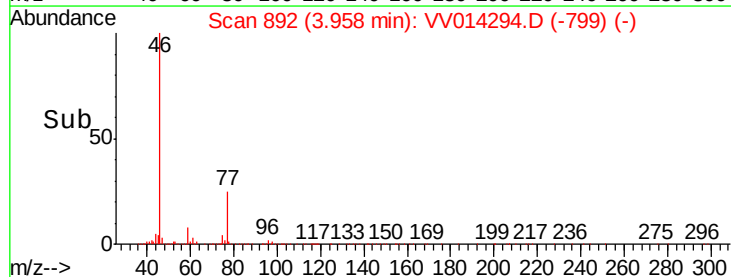
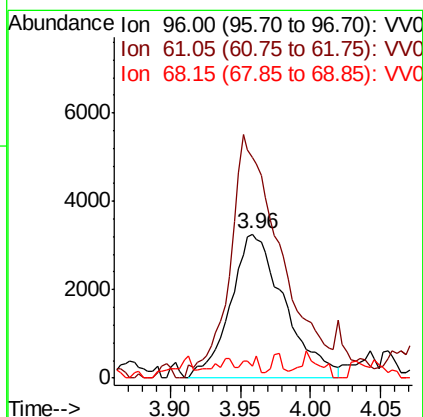
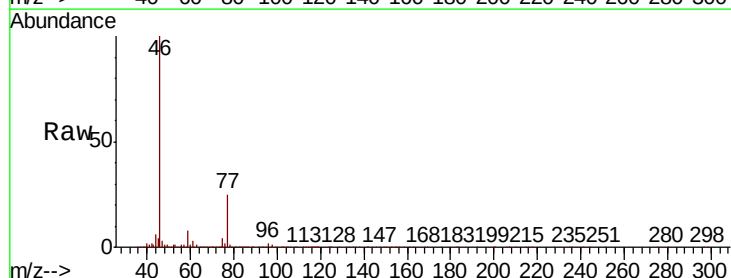
Instrument :
MSVOA_V
ClientSampleId :

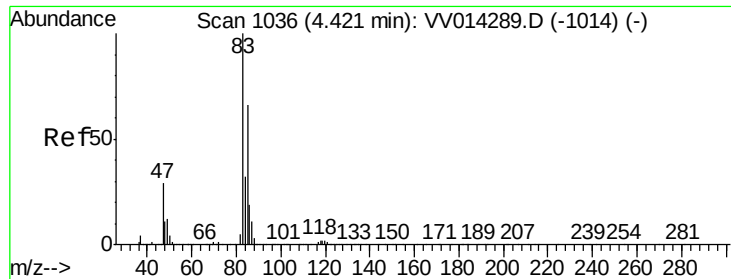
Tot Ion: 84 Resp: 32784
Ion Ratio Lower Upper
84 100
86 62.0 43.1 80.1
49 141.1 82.1 152.5



#22
cis-1,2-Dichloroethene
Concen: 0.125 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV014294.D
Acq: 14 Jan 2020 14:18

Tgt Ion: 96 Resp: 8727
Ion Ratio Lower Upper
96 100
61 153.6 90.6 168.3
68 8.5 0.3 0.7#

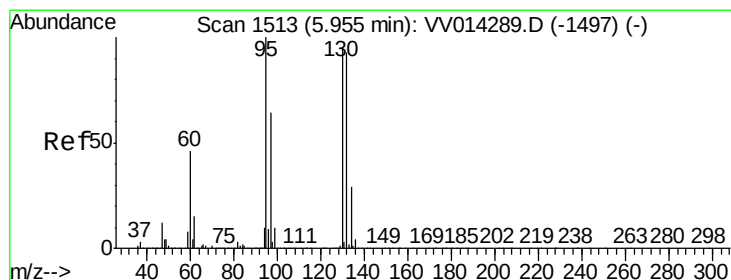
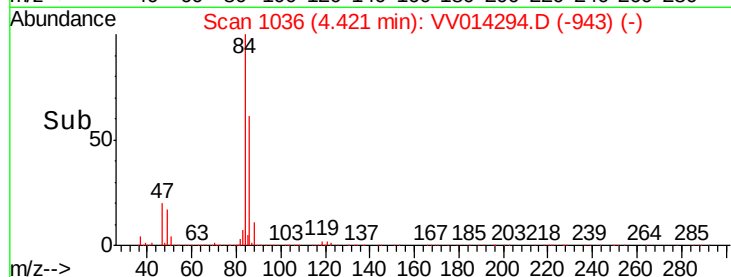
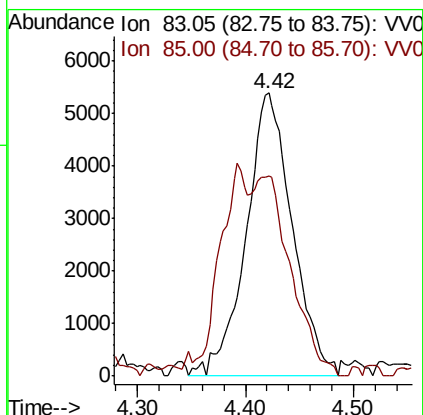
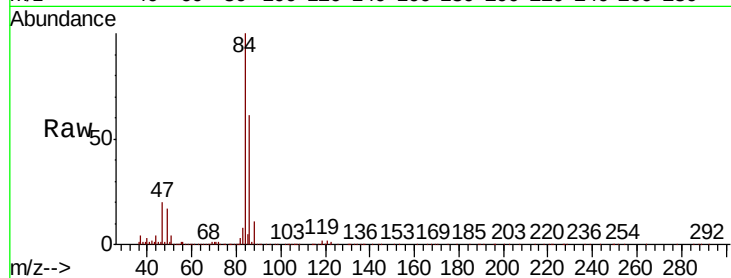




#25
Chloroform
Concen: 0.134 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014294.D
Acq: 14 Jan 2020 14:18

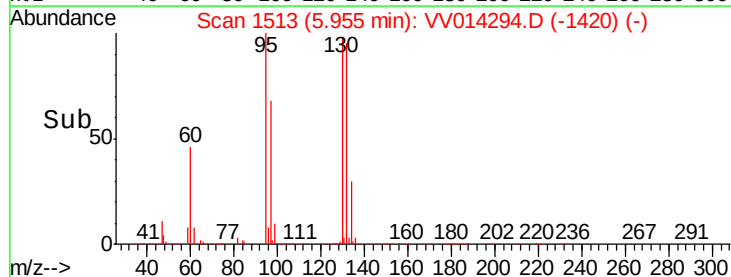
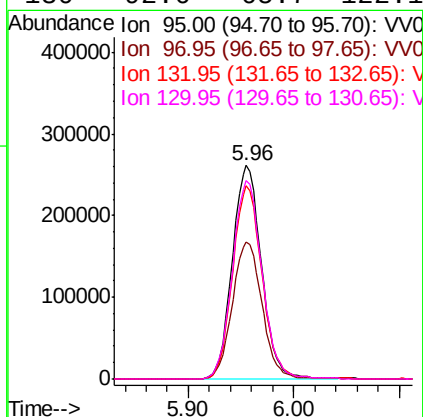
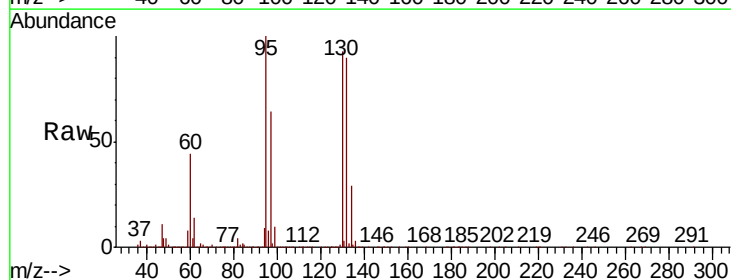
Instrument :
MSVOA_V
ClientSampleId :

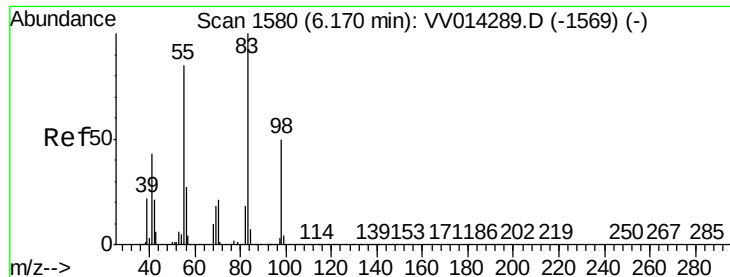
Tot Ion: 83 Resp: 16043
Ion Ratio Lower Upper
83 100
85 70.6 46.2 85.8



#34
Trichloroethene
Concen: 7.458 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014294.D
Acq: 14 Jan 2020 14:18

Tgt Ion: 95 Resp: 499246
Ion Ratio Lower Upper
95 100
97 64.4 43.8 81.3
132 90.4 63.4 117.8
130 92.6 65.7 122.1

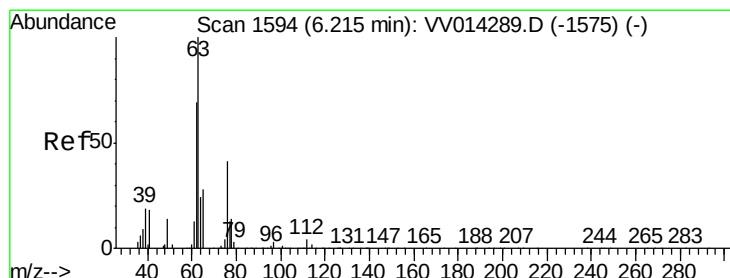
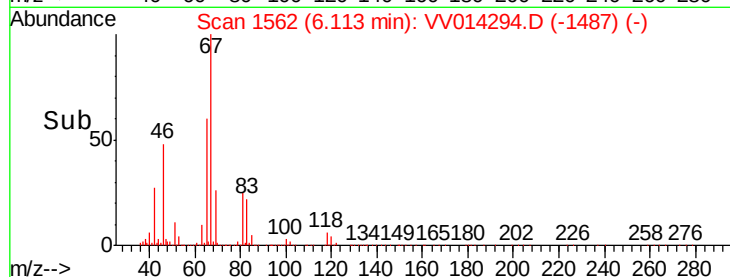
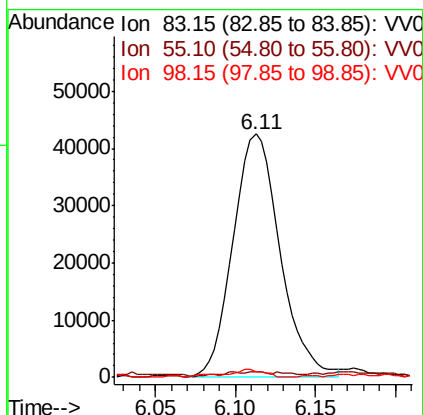
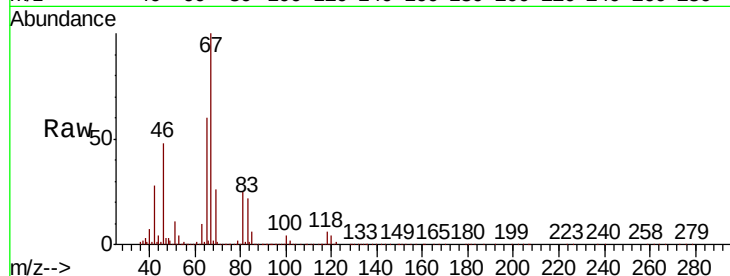




#35
Methylvlcyclohexane
Concen: 0.783 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014294.D
Acq: 14 Jan 2020 14:18

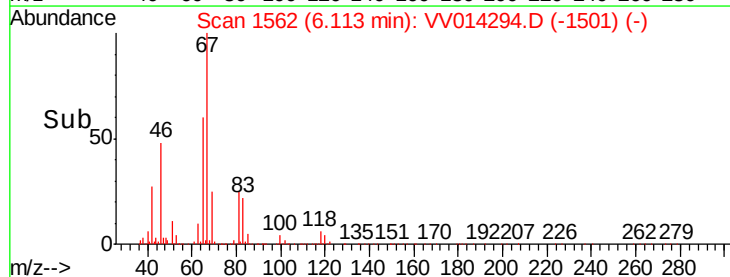
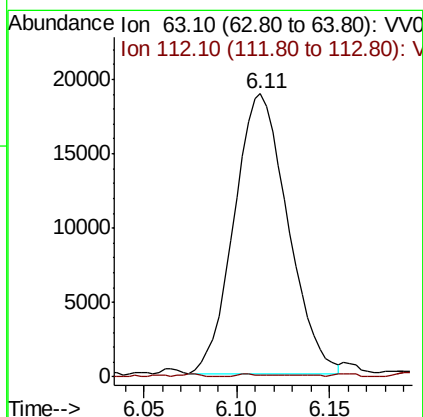
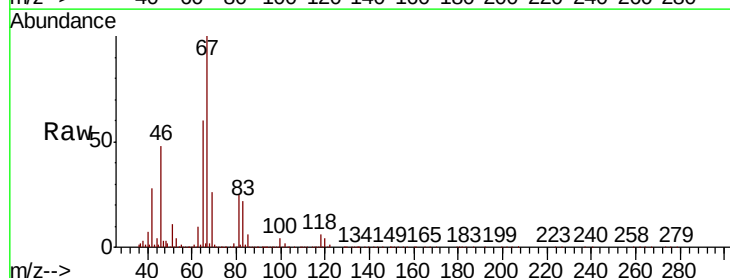
Instrument :
MSVOA_V
ClientSampled :

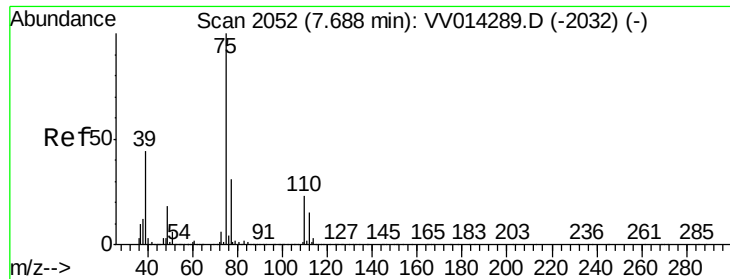
Tot Ion: 83 Resp: 85720
Ion Ratio Lower Upper
83 100
55 0.5 61.7 92.5#
98 2.0 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014294.D
Acq: 14 Jan 2020 14:18

Tgt Ion: 63 Resp: 38012
Ion Ratio Lower Upper
63 100
112 0.4 3.7 5.5#





#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014294.D

Acq: 14 Jan 2020 14:18

Instrument :

MSVOA_V

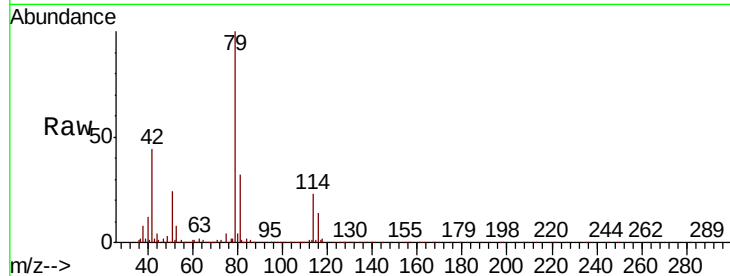
ClientSampleId :

Tot Ion: 75 Resp: 6987

Ion Ratio Lower Upper

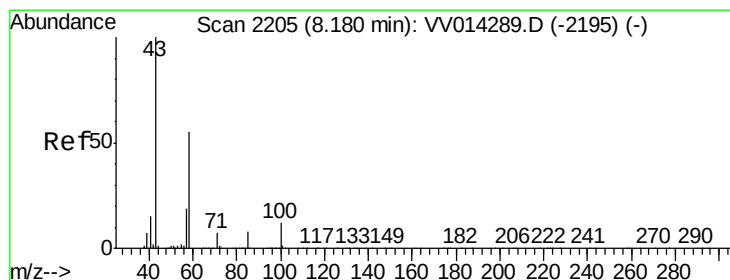
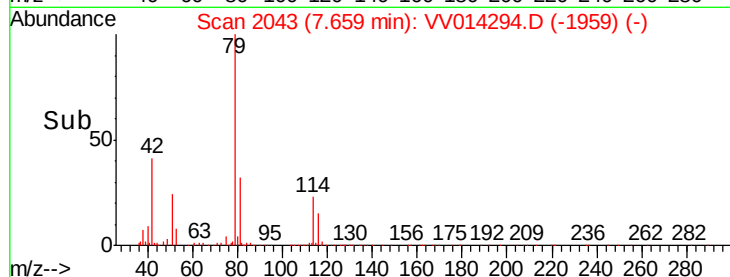
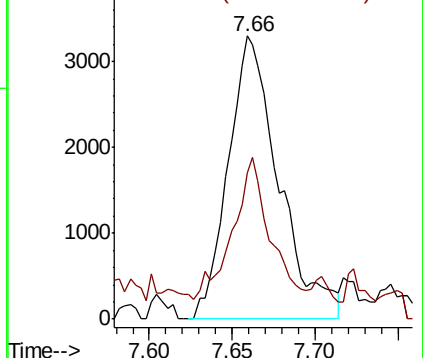
75 100

77 51.5 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.833 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014294.D

Acq: 14 Jan 2020 14:18

Tgt Ion: 43 Resp: 81208

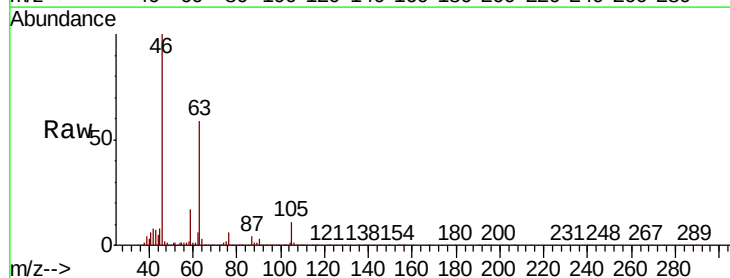
Ion Ratio Lower Upper

43 100

58 0.0 45.4 68.0#

57 20.5 15.8 23.8

100 0.2 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

