

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012820\
 Data File : VV014421.D
 Acq On : 28 Jan 2020 16:05
 Operator : SY/MD
 Sample : L1271-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 29 05:28:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jan 29 05:25:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	789655	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	728531	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	328303	5.00	ug/L	0.00

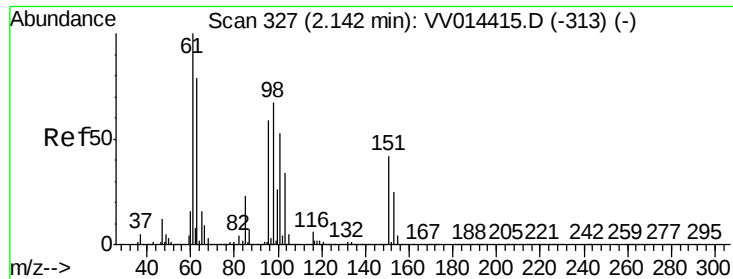
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	235622	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.59	69	196783	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.13	63	281968	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.93	46	676670	50.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.96%
24) Chloroform-d	4.40	84	554735	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.08	65	262688	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	1174983	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.11	67	378745	5.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.40%
41) Toluene-d8	7.36	98	1077012	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	7.66	79	139303	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.14	63	592854	46.96	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	255310	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	355225	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3494	0.099 ug/L #	39
13) Acetone	2.19	43	20425	2.235 ug/L	98
16) Methylene chloride	2.54	84	24155	0.421 ug/L	97
25) Chloroform	4.42	83	21456	0.216 ug/L	95
35) Methylcyclohexane	6.12	83	85034	0.902 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	37487	0.662 ug/L #	87
48) 2-Hexanone	8.14	43	85889	3.478 ug/L #	43

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



#10

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

Concen: 0.099 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014421.D

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MSVOA_V

ClientSampleId :

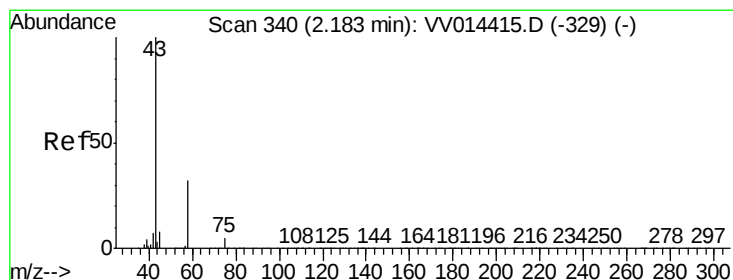
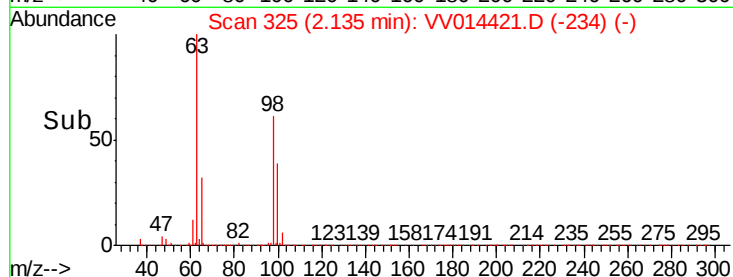
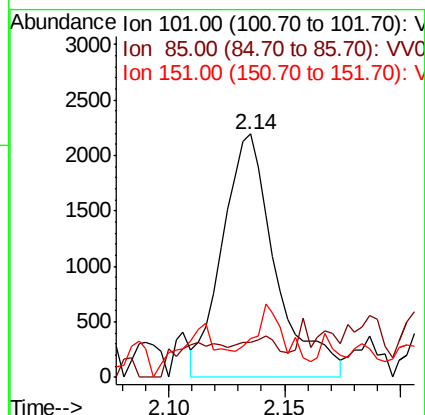
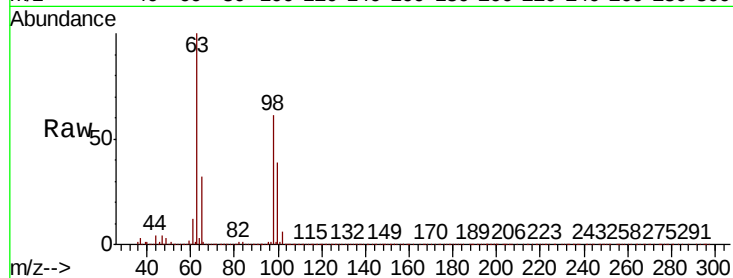
Tot Ion:101 Resp: 3494

Ion Ratio Lower Upper

101 100

85 10.8 34.9 52.3#

151 19.8 62.5 93.7#



#13

Acetone

Concen: 2.235 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV014421.D

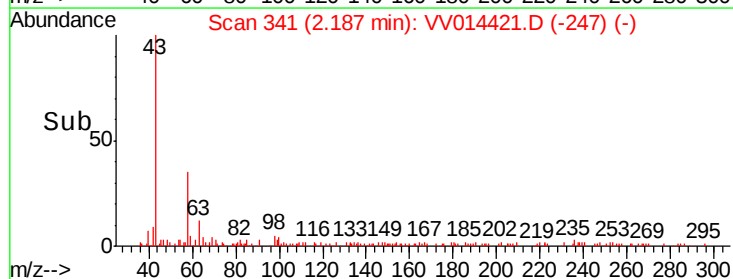
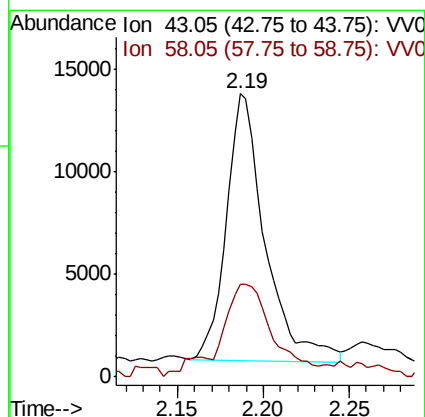
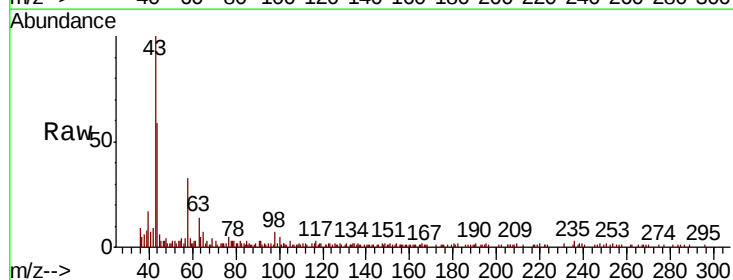
Acq: 28 Jan 2020 16:05

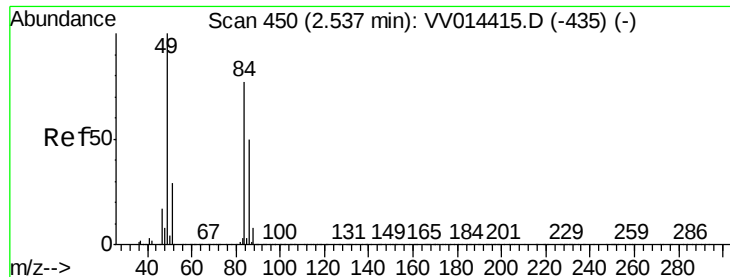
Tgt Ion: 43 Resp: 20425

Ion Ratio Lower Upper

43 100

58 33.9 0.0 66.0

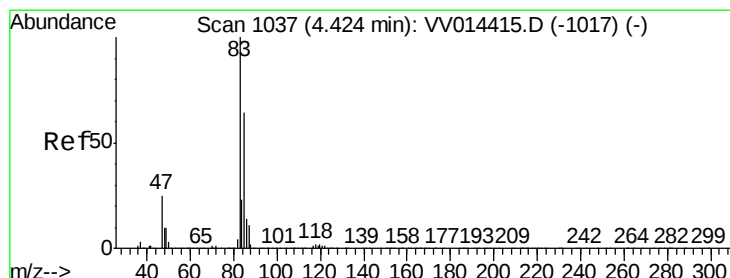
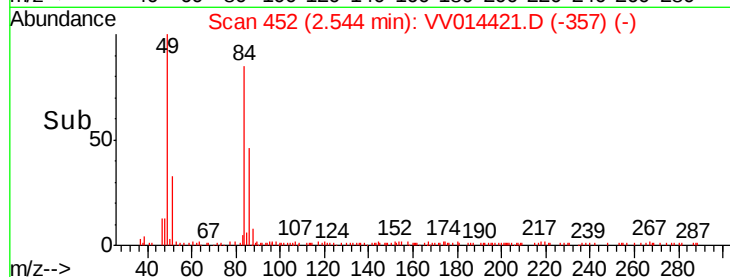
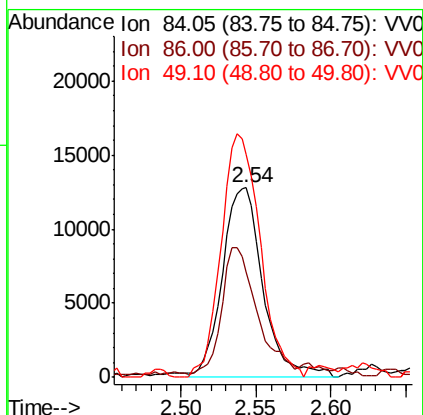
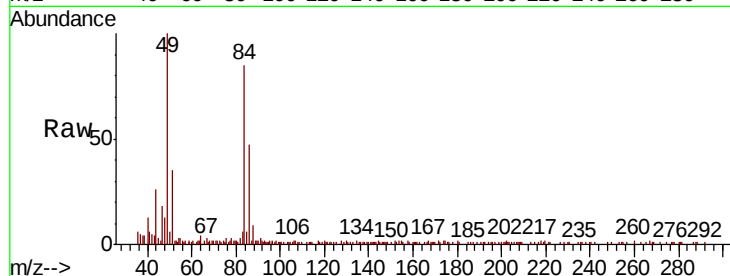




#16
Methvlene chloride
Concen: 0.421 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.01 min
Lab File: VV014421.D
Acq: 28 Jan 2020 16:05

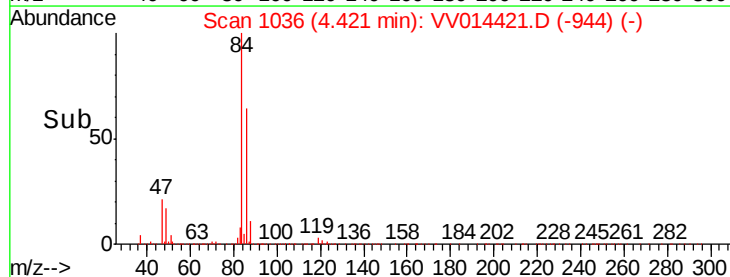
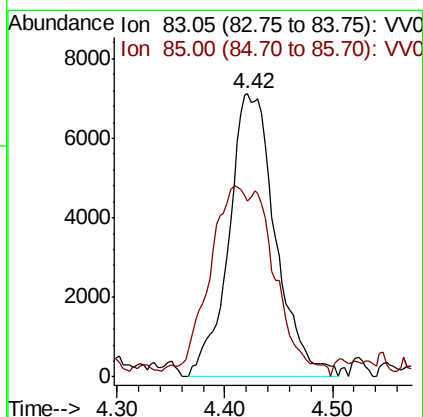
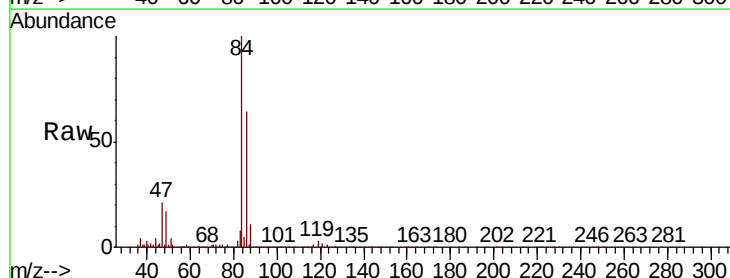
Instrument :
MSVOA_V
ClientSampleId :

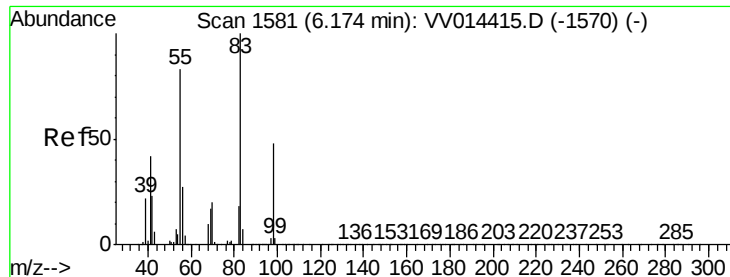
Tot Ion: 84 Resp: 24155
Ion Ratio Lower Upper
84 100
86 55.6 43.1 80.1
49 117.7 82.1 152.5



#25
Chloroform
Concen: 0.216 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV014421.D
Acq: 28 Jan 2020 16:05

Tgt Ion: 83 Resp: 21456
Ion Ratio Lower Upper
83 100
85 62.1 46.2 85.8

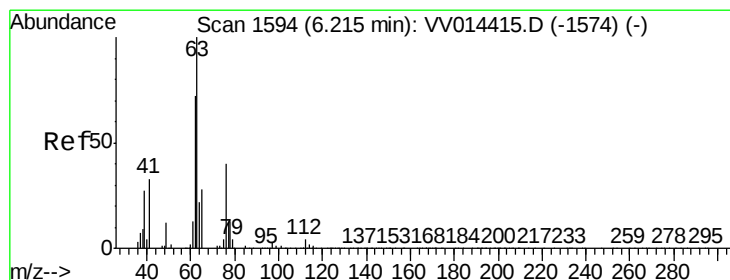
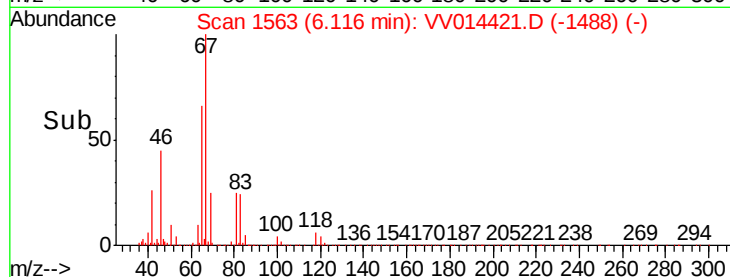
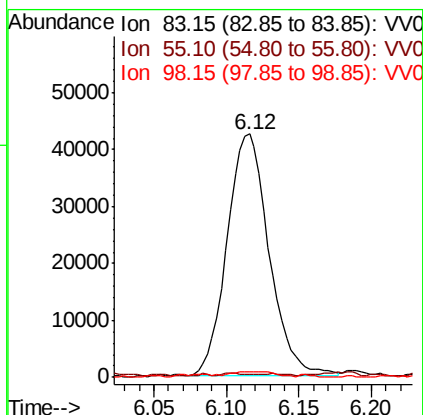
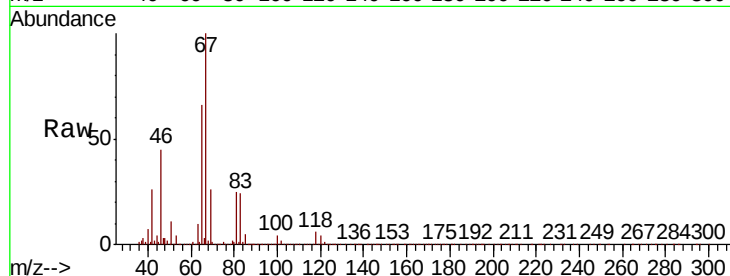




#35
Methylcyclohexane
Concen: 0.902 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014421.D
Acq: 28 Jan 2020 16:05

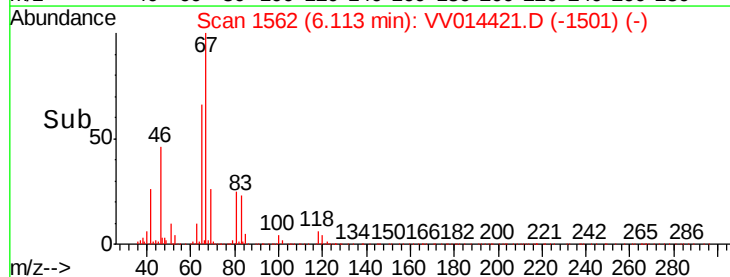
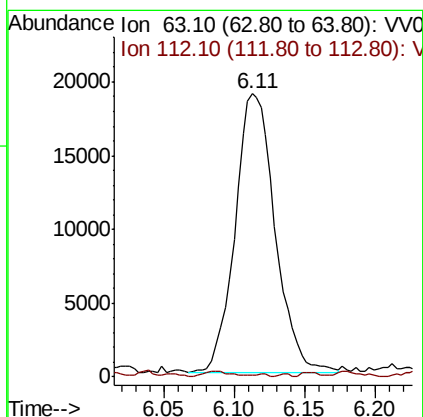
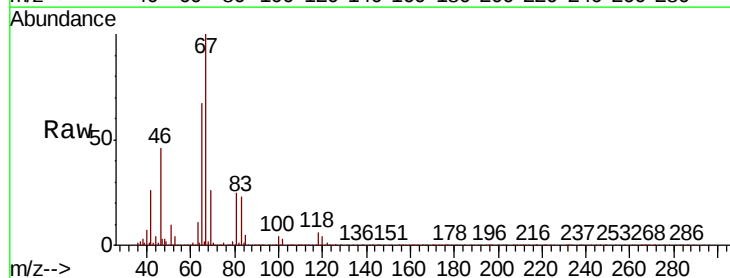
Instrument :
MSVOA_V
ClientSampled :

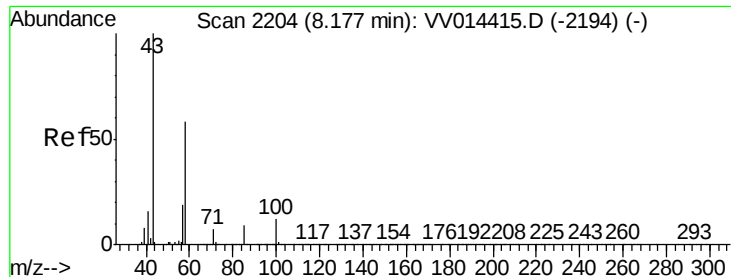
Tot Ion: 83 Resp: 85034
Ion Ratio Lower Upper
83 100
55 0.6 61.7 92.5#
98 0.9 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014421.D
Acq: 28 Jan 2020 16:05

Tgt Ion: 63 Resp: 37487
Ion Ratio Lower Upper
63 100
112 0.3 3.7 5.5#





#48

2-Hexanone

Concen: 3.478 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.04 min

Lab File: VV014421.D

Acq: 28 Jan 2020 16:05

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 85889

Ion Ratio Lower Upper

43 100

58 0.0 45.4 68.0#

57 13.1 15.8 23.8#

100 0.5 10.2 15.4#

