

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015299.D
 Acq On : 31 Mar 2020 03:00
 Operator : SY/MD
 Sample : L1975-16 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 06:28:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 06:20:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	581286	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	563303	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	241874	50.00	ug/L	0.00

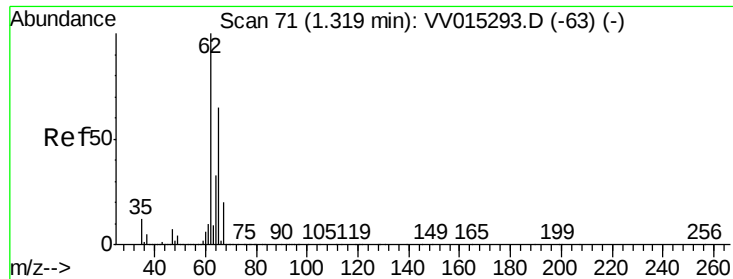
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	197375	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.14%
7) Chloroethane-d5	1.58	69	188698	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.68%
11) 1,1-Dichloroethene-d2	2.12	63	313561	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	3.93	46	268782	96.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.97%
24) Chloroform-d	4.38	84	362782	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
26) 1,2-Dichloroethane-d4	5.06	65	254398	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
32) Benzene-d6	5.08	84	732693	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
36) 1,2-Dichloropropane-d6	6.10	67	231848	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.84%
41) Toluene-d8	7.34	98	701145	49.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.58%
43) trans-1,3-Dichloropropene-	7.64	79	116714	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.22%
47) 2-Hexanone-d5	8.12	63	223993	103.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	328416	48.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	242331	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	81980	16.733	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3021	0.680	ug/L # 32
20) cis-1,2-Dichloroethene	3.94	96	252335	62.308	ug/L # 98
25) Chloroform	4.41	83	6556	0.914	ug/L 83
34) Trichloroethene	5.94	95	493220	123.291	ug/L 98
44) trans-1,3-Dichloropropene	7.64	75	6504	1.033	ug/L 100
48) 2-Hexanone	8.12	43	27882	6.444	ug/L # 76

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



#5

Vinyl chloride

Concen: 16.733 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015299.D

Acq: 31 Mar 2020 03:00

Instrument :

MSVOA_V

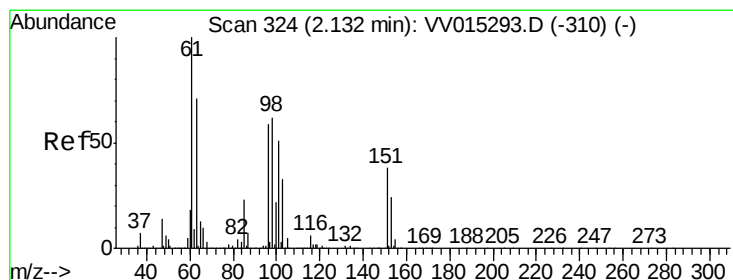
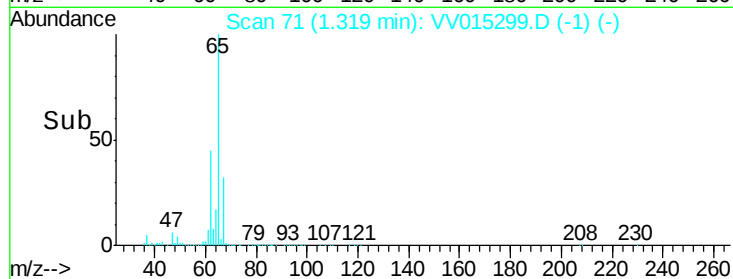
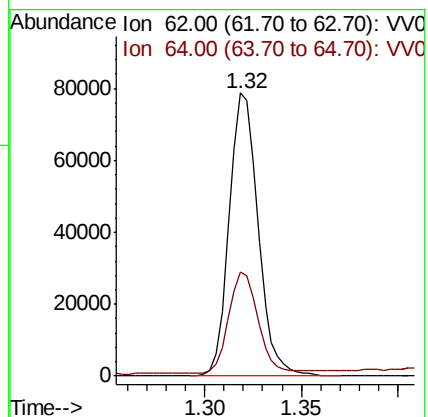
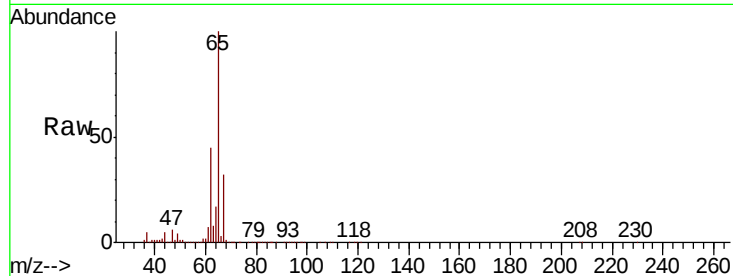
ClientSampleId :

Tot Ion: 62 Resp: 81980

Ion Ratio Lower Upper

62 100

64 36.7 23.9 44.3



#10

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

Concen: 0.680 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015299.D

Acq: 31 Mar 2020 03:00

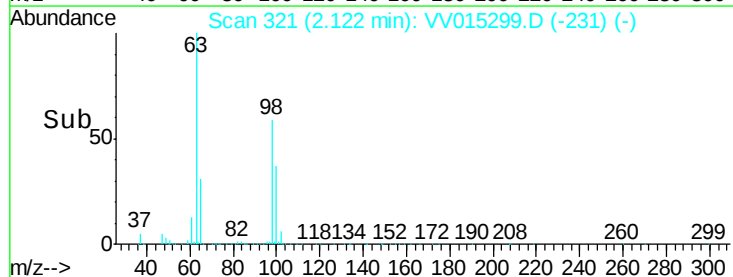
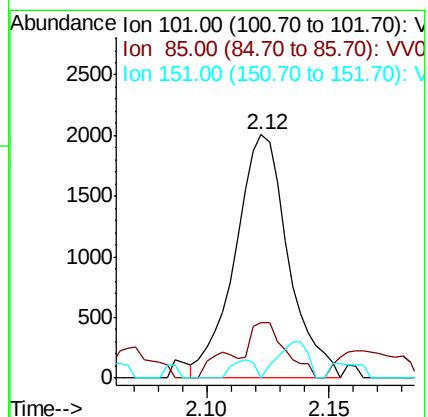
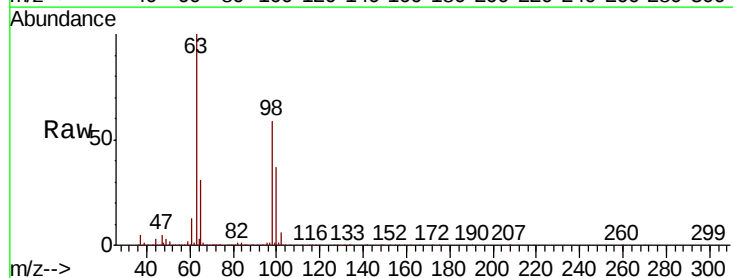
Tgt Ion: 101 Resp: 3021

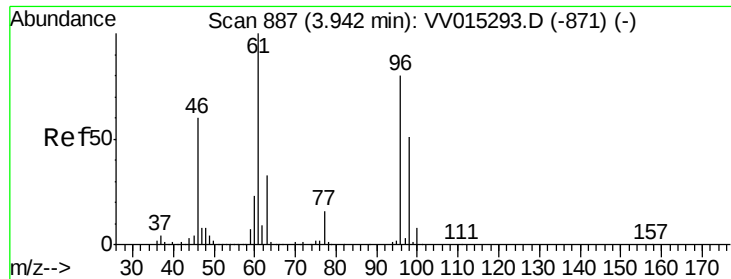
Ion Ratio Lower Upper

101 100

85 15.5 35.0 52.6#

151 3.3 58.2 87.4#

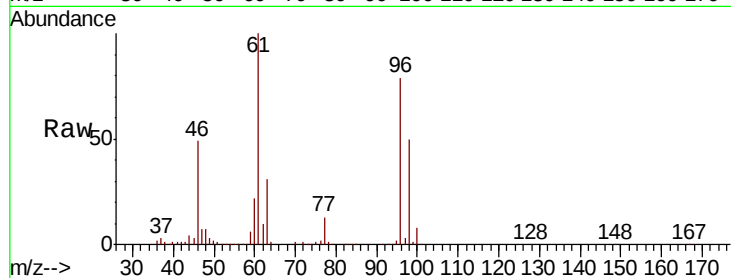




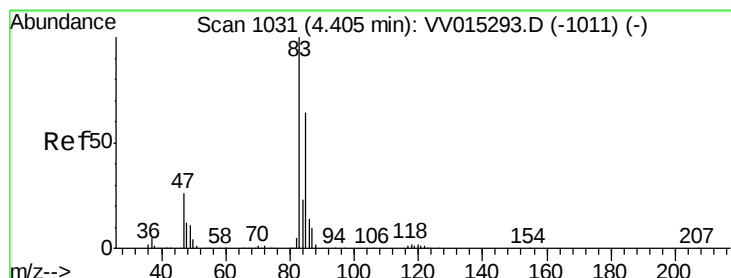
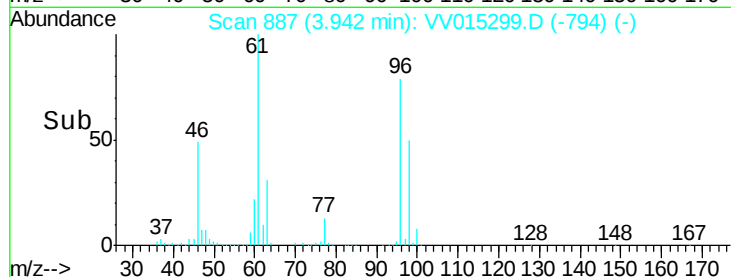
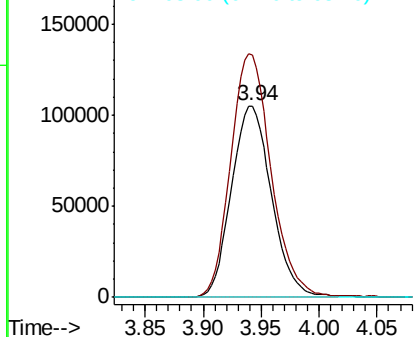
#20
 cis-1,2-Dichloroethene
 Concen: 62.308 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV015299.D
 Acq: 31 Mar 2020 03:00

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 252335
 Ion Ratio Lower Upper
 96 100
 61 126.6 90.2 167.6
 68 0.0 0.1 0.1#

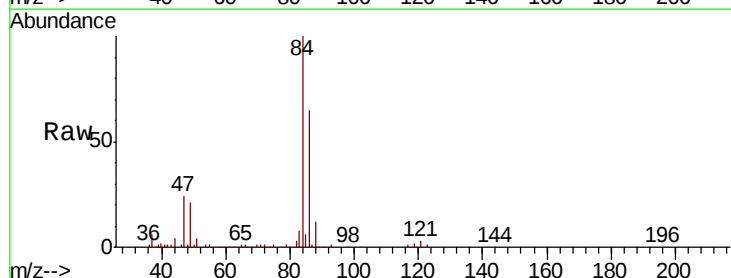


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

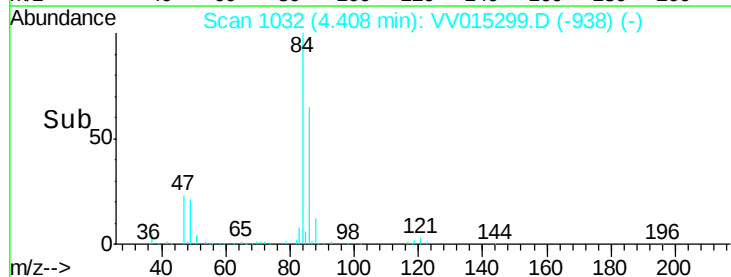
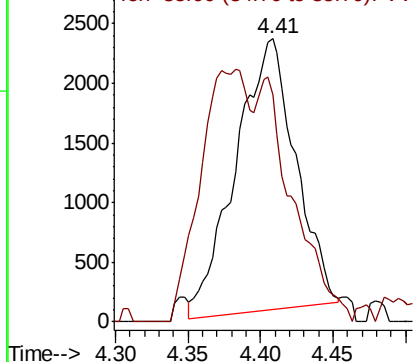


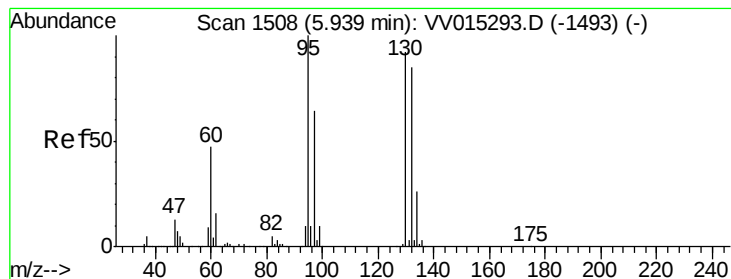
#25
 Chloroform
 Concen: 0.914 ug/L
 RT: 4.41 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: VV015299.D
 Acq: 31 Mar 2020 03:00

Tgt Ion: 83 Resp: 6556
 Ion Ratio Lower Upper
 83 100
 85 80.1 46.6 86.6



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 123.291 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015299.D

Acq: 31 Mar 2020 03:00

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 493220

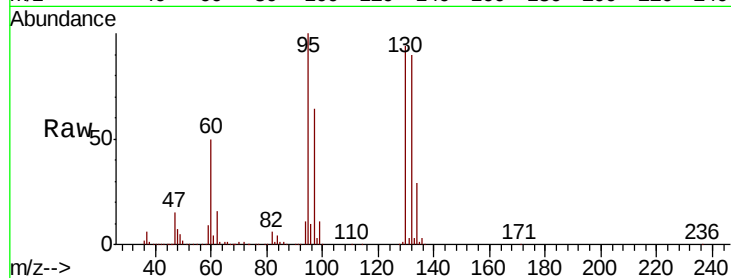
Ion Ratio Lower Upper

95 100

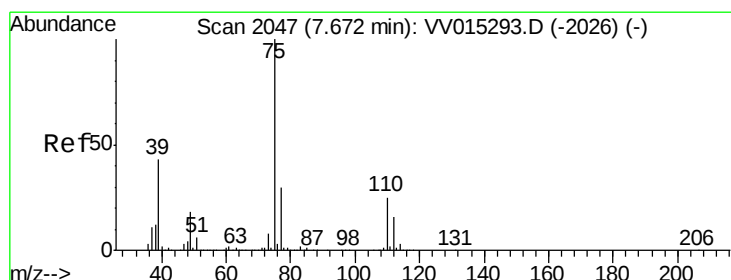
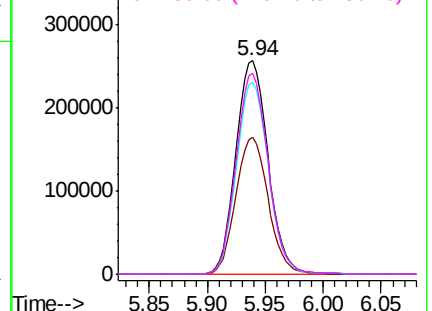
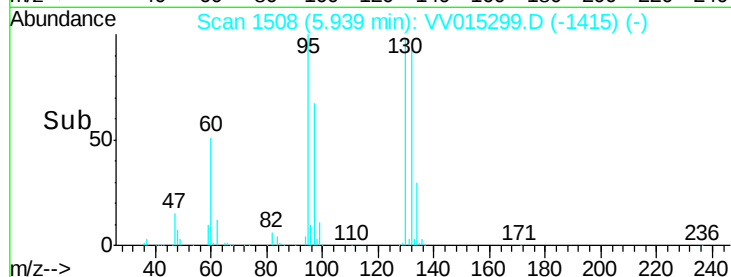
97 64.4 44.0 81.6

132 90.0 61.8 114.8

130 94.0 64.5 119.9



Abundance Ion 95.00 (94.70 to 95.70): VV015299.D (-1415) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.033 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015299.D

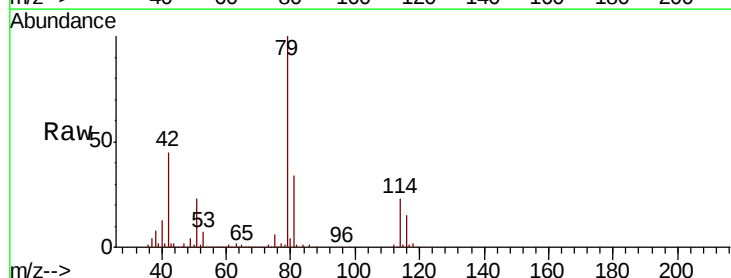
Acq: 31 Mar 2020 03:00

Tgt Ion: 75 Resp: 6504

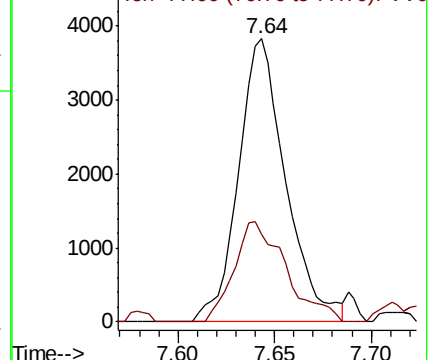
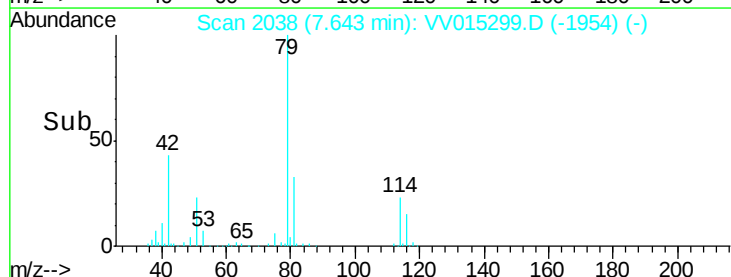
Ion Ratio Lower Upper

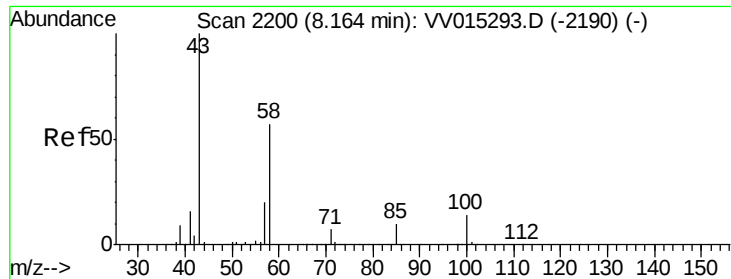
75 100

77 30.9 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV015299.D (-1954) (-)





#48

2-Hexanone

Concen: 6.444 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV015299.D

Acq: 31 Mar 2020 03:00

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 27882

Ion Ratio Lower Upper

43 100

58 38.3 47.0 70.6#

57 23.2 16.2 24.2

100 0.2 11.0 16.6#

