

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015190.D
 Acq On : 27 Mar 2020 01:26
 Operator : SY/MD
 Sample : L1976-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 03:41:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	559947	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	530497	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	214066	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	146933	48.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.82%
7) Chloroethane-d5	1.58	69	149194	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.52%
11) 1,1-Dichloroethene-d2	2.12	63	226635	33.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.16%
21) 2-Butanone-d5	3.94	46	275206	92.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.00%
24) Chloroform-d	4.38	84	304695	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.06	65	212204	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
32) Benzene-d6	5.08	84	582756	53.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.10	67	198999	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.12%
41) Toluene-d8	7.34	98	535789	54.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.36%
43) trans-1,3-Dichloropropene-	7.64	79	71406	33.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.62%
47) 2-Hexanone-d5	8.12	63	198417	86.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	300266	44.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	202034	50.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.10%

Target Compounds

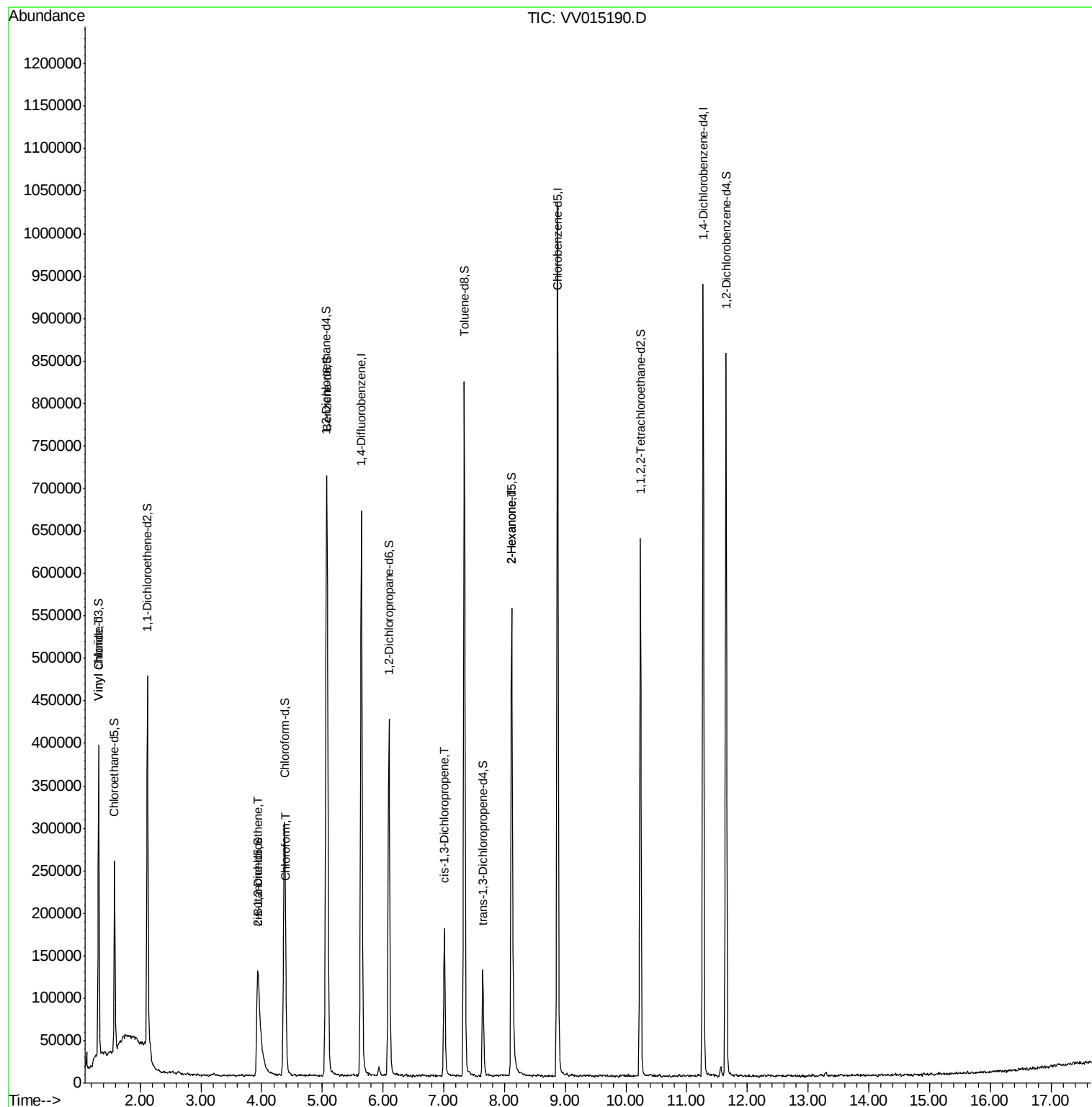
					Ovalue
5) Vinyl chloride	1.32	62	85911	15.631 ug/L	95
20) cis-1,2-Dichloroethene	3.95	96	7292	1.668 ug/L #	95
25) Chloroform	4.41	83	10977	1.470 ug/L	92
39) cis-1,3-Dichloropropene	7.01	75	5139	0.761 ug/L	83
48) 2-Hexanone	8.12	43	28344	5.894 ug/L #	86

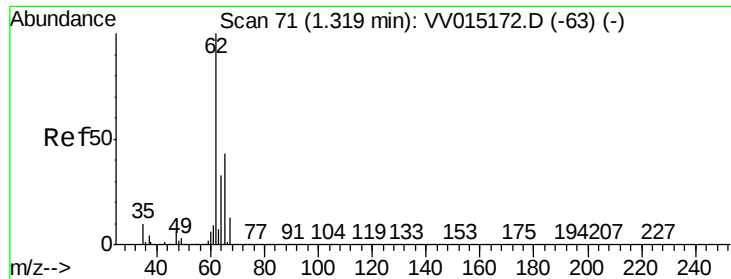
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 15.631 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015190.D

Acq: 27 Mar 2020 01:26

Instrument :

MSVOA_V

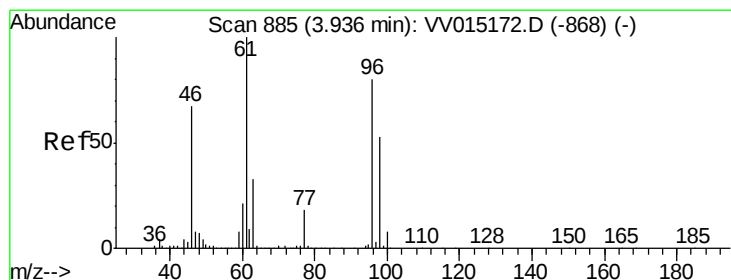
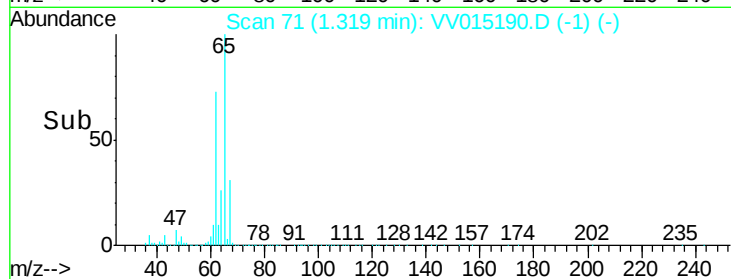
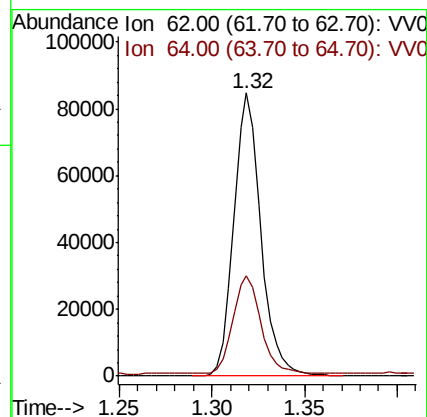
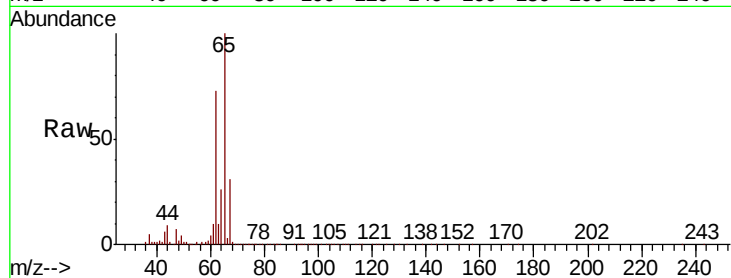
ClientSampleId :

Tot Ion: 62 Resp: 85911

Ion Ratio Lower Upper

62 100

64 35.7 22.8 42.4



#20

cis-1,2-Dichloroethene

Concen: 1.668 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

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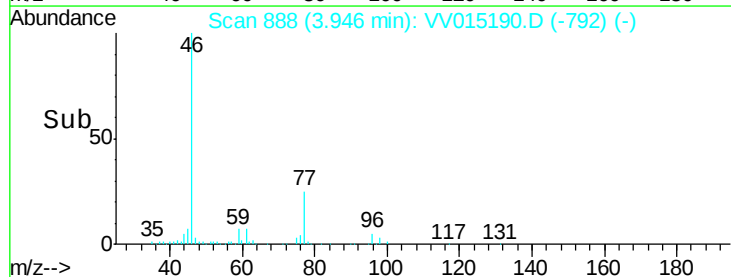
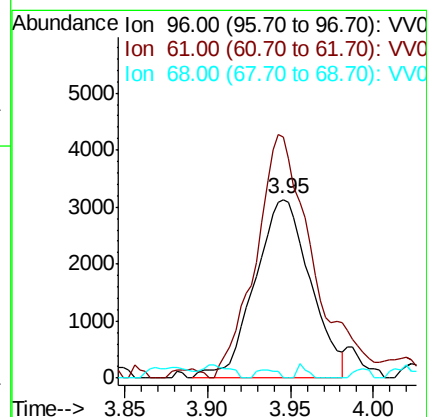
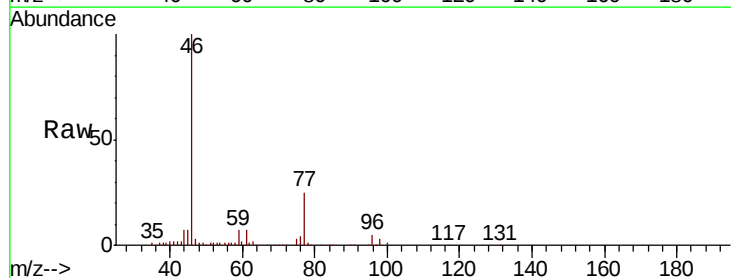
Tgt Ion: 96 Resp: 7292

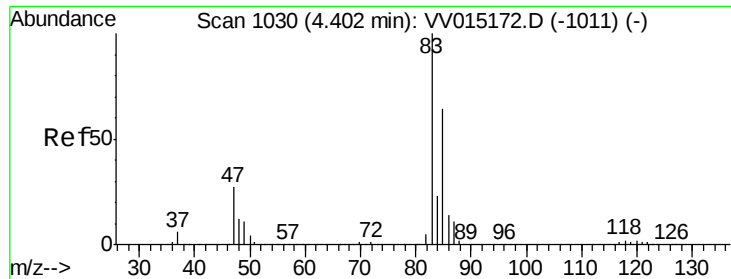
Ion Ratio Lower Upper

96 100

61 135.1 90.2 167.4

68 0.0 0.1 0.3#

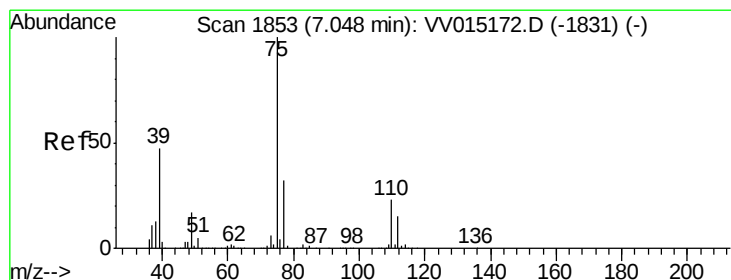
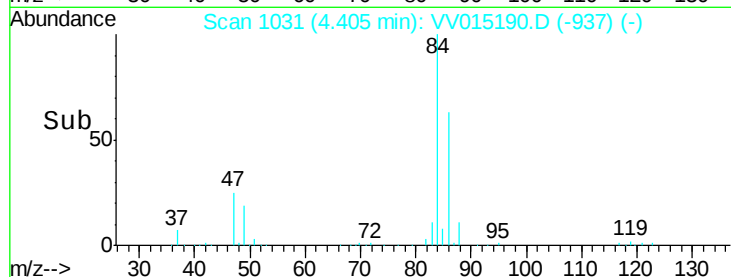
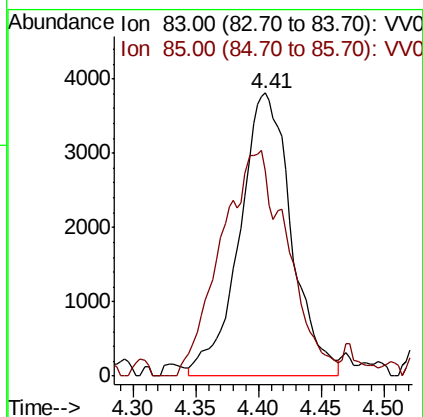
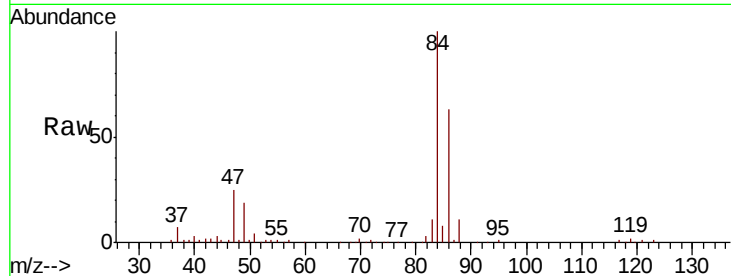




#25
Chloroform
Concen: 1.470 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015190.D
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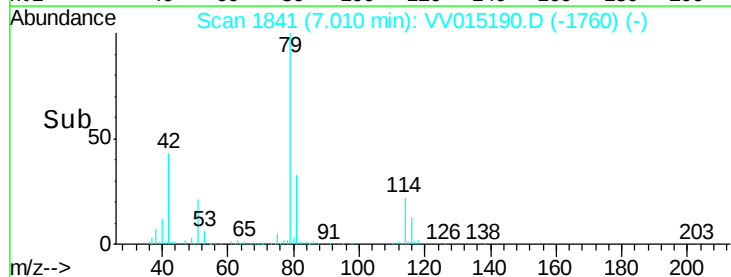
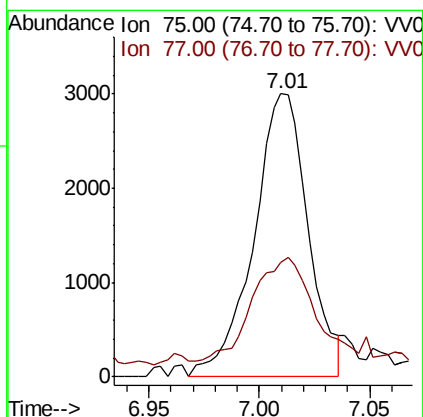
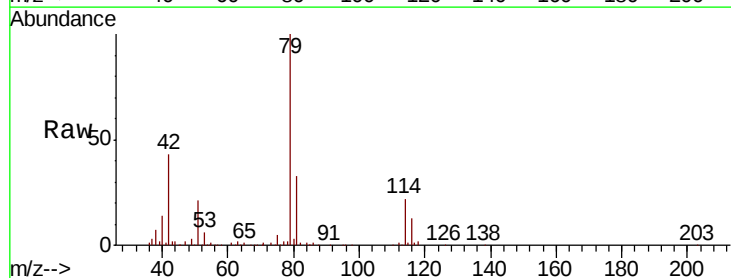
Instrument :
MSVOA_V
ClientSampled :

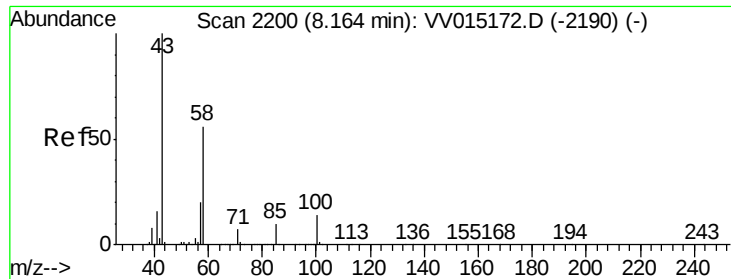
Tot Ion: 83 Resp: 10977
Ion Ratio Lower Upper
83 100
85 72.3 46.2 85.8



#39
cis-1,3-Dichloropropene
Concen: 0.761 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015190.D
Acq: 27 Mar 2020 01:26

Tgt Ion: 75 Resp: 5139
Ion Ratio Lower Upper
75 100
77 40.2 21.7 40.3





#48

2-Hexanone

Concen: 5.894 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.04 min

Lab File: VV015190.D

Acq: 27 Mar 2020 01:26

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	28344
Ion	Ratio	Lower	Upper
43	100		
58	45.6	44.3	66.5
57	20.9	15.4	23.0
100	0.4	10.4	15.6#

