

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015277.D
 Acq On : 30 Mar 2020 17:17
 Operator : SY/MD
 Sample : L1976-22
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:20:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 02:12:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	617667	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	593228	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	255314	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	114477	25.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.84%#
7) Chloroethane-d5	1.58	69	115545	27.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.14%#
11) 1,1-Dichloroethene-d2	2.12	63	190762	19.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	39.28%#
21) 2-Butanone-d5	3.94	46	211659	71.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.87%
24) Chloroform-d	4.38	84	255356	31.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.08%#
26) 1,2-Dichloroethane-d4	5.06	65	170656	32.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.50%#
32) Benzene-d6	5.08	84	469956	30.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	60.70%#
36) 1,2-Dichloropropane-d6	6.09	67	160154	33.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	66.14%#
41) Toluene-d8	7.34	98	423263	28.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	56.50%#
43) trans-1,3-Dichloropropene-	7.64	79	70701	26.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.62%#
47) 2-Hexanone-d5	8.12	63	159829	70.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	249759	34.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	166938	32.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.70%#

Target Compounds

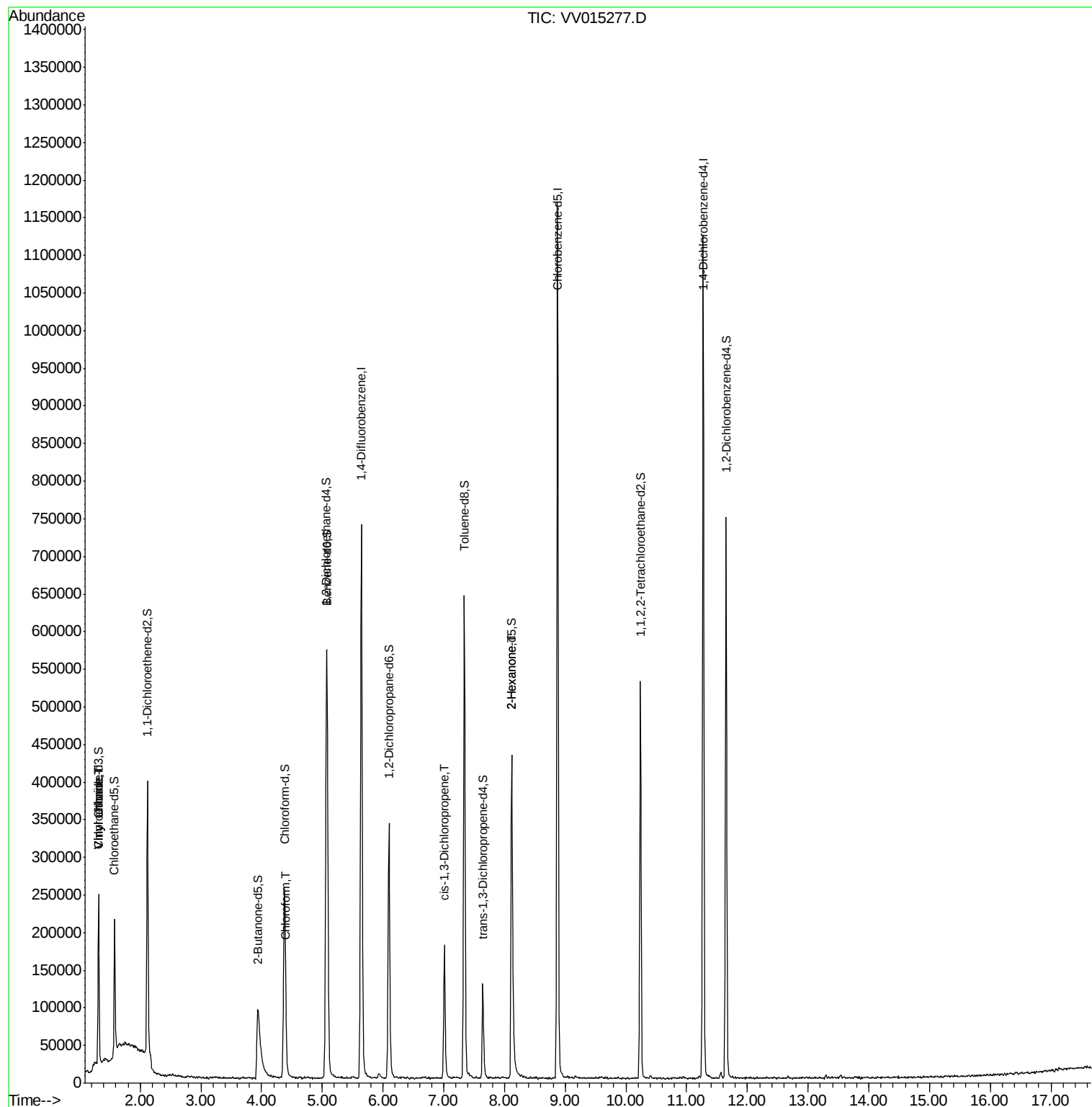
					Ovalue
5) Vinyl chloride	1.32	62	24941	4.791 ug/L	87
8) Chloroethane	1.32	64	9964	2.775 ug/L	85
25) Chloroform	4.41	83	6432	0.844 ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	5710	0.846 ug/L	86
48) 2-Hexanone	8.12	43	20958	4.600 ug/L #	81

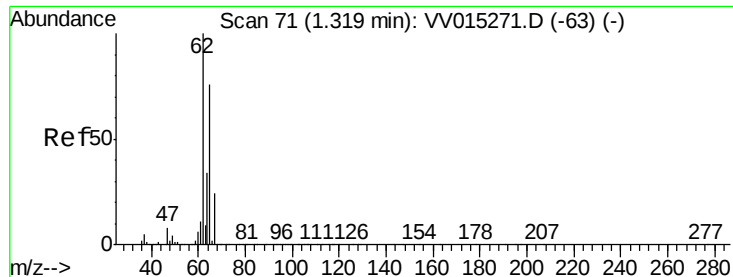
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.791 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015277.D

Acq: 30 Mar 2020 17:17

Instrument :

MSVOA_V

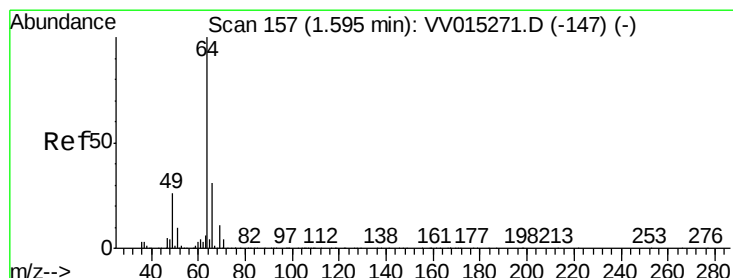
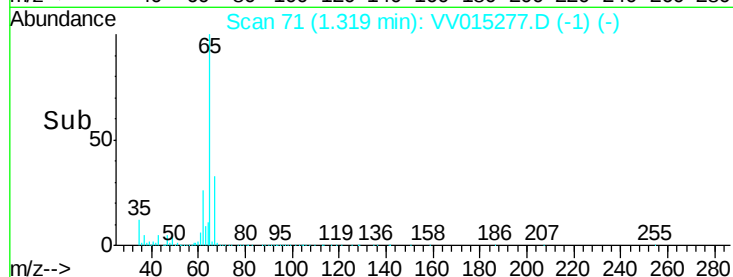
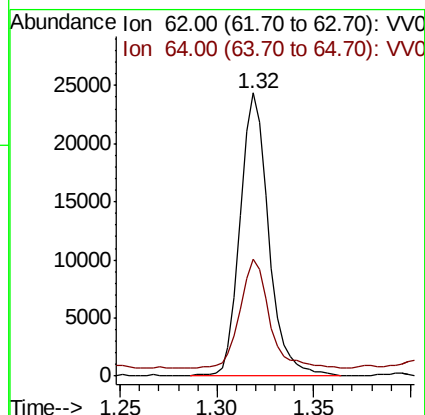
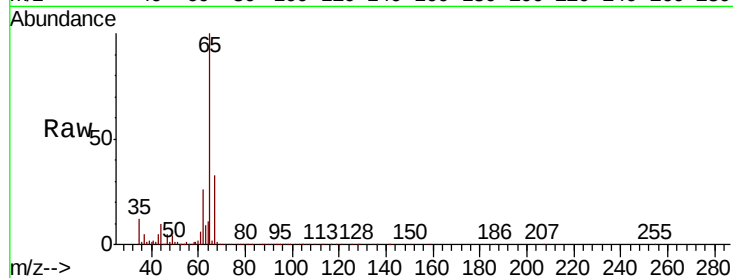
ClientSampled :

Tot Ion: 62 Resp: 24941

Ion Ratio Lower Upper

62 100

64 41.3 23.9 44.3



#8

Chloroethane

Concen: 2.775 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV015277.D

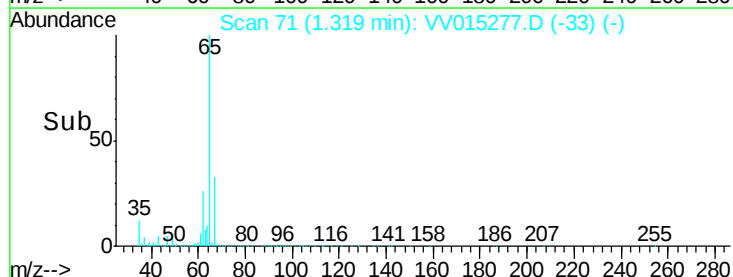
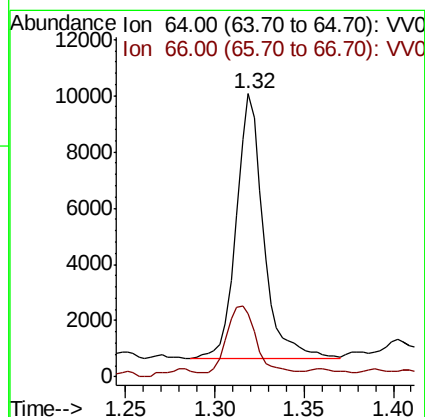
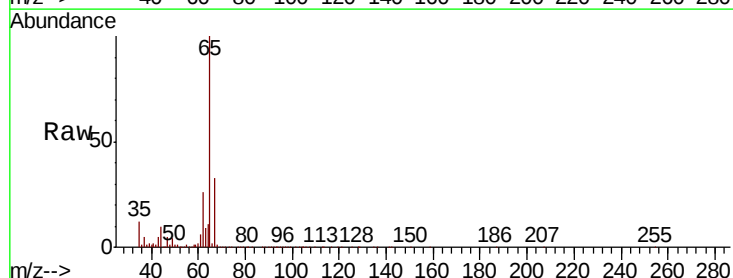
Acq: 30 Mar 2020 17:17

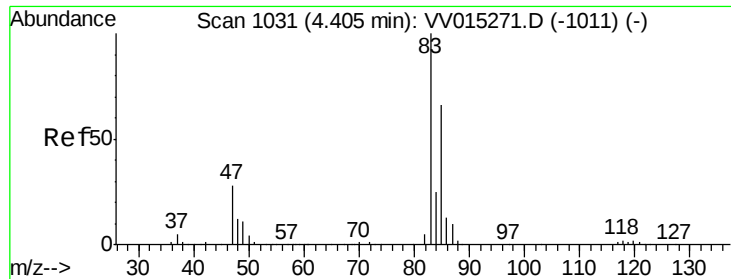
Tgt Ion: 64 Resp: 9964

Ion Ratio Lower Upper

64 100

66 22.3 21.5 39.9

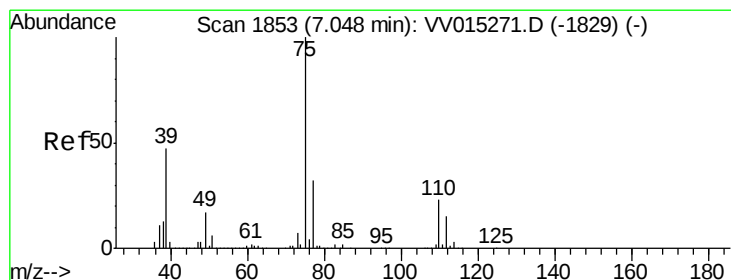
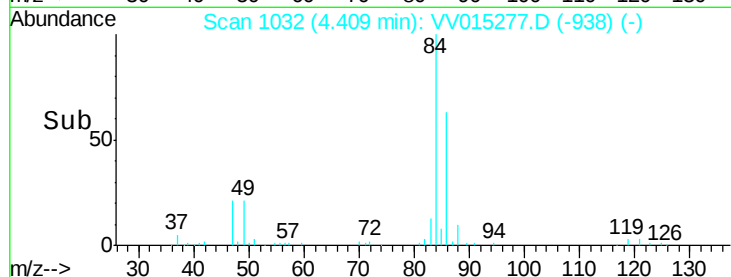
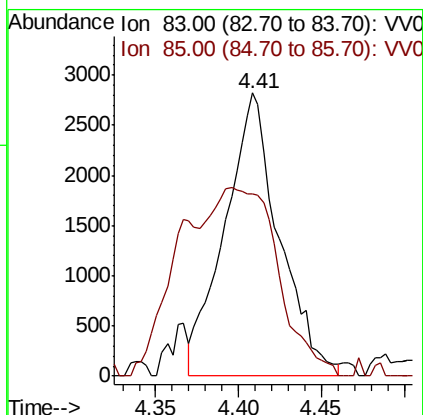
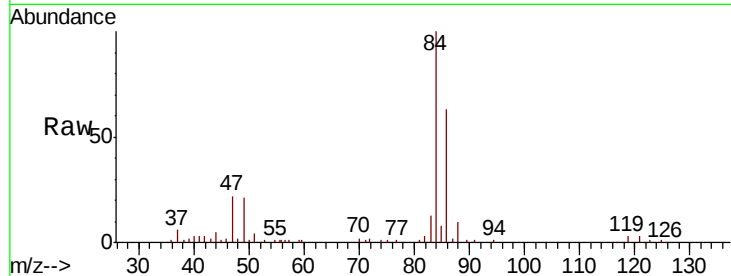




#25
Chloroform
Concen: 0.844 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV015277.D
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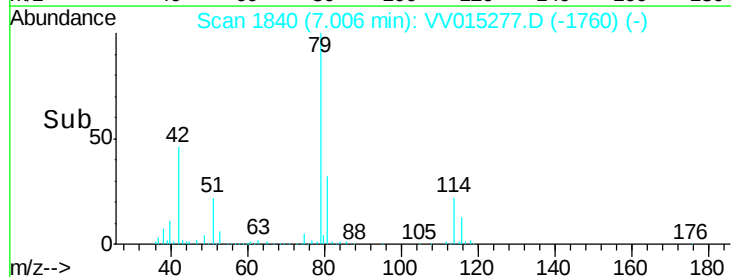
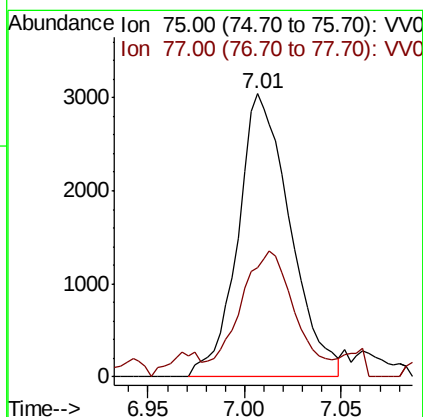
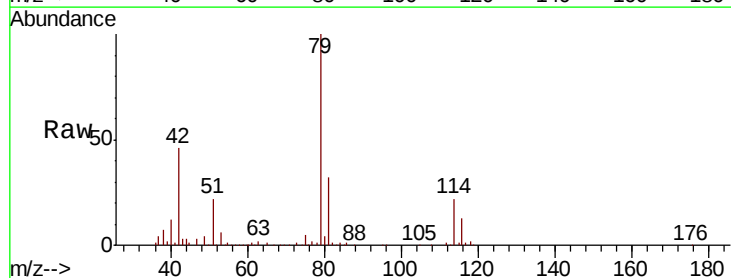
Instrument :
MSVOA_V
ClientSampled :

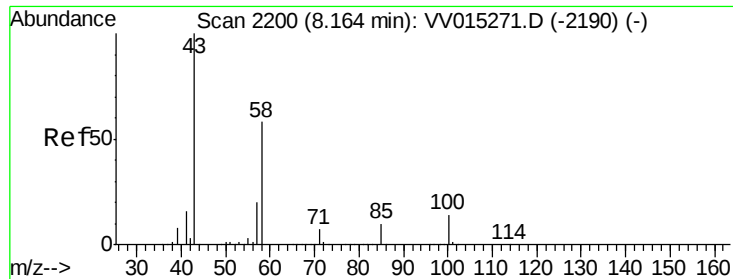
Tot Ion: 83 Resp: 6432
Ion Ratio Lower Upper
83 100
85 64.3 46.6 86.6



#39
cis-1,3-Dichloropropene
Concen: 0.846 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV015277.D
Acq: 30 Mar 2020 17:17

Tgt Ion: 75 Resp: 5710
Ion Ratio Lower Upper
75 100
77 38.7 21.6 40.0





#48

2-Hexanone

Concen: 4.600 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.04 min

Lab File: VV015277.D

Acq: 30 Mar 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 20958

Ion Ratio Lower Upper

43 100

58 46.2 47.0 70.6#

57 26.4 16.2 24.2#

100 0.0 11.0 16.6#

