

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015256.D
 Acq On : 28 Mar 2020 19:19
 Operator : SY/MD
 Sample : L1975-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 02:16:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	571491	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	546643	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	232471	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121946	52.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.18%
7) Chloroethane-d5	1.43	69	307	0.12	ug/L	-0.14
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.24%#
11) 1,1-Dichloroethene-d2	2.12	63	194281	33.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.00%
21) 2-Butanone-d5	3.94	46	199003	72.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.45%
24) Chloroform-d	4.38	84	256592	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.84%
26) 1,2-Dichloroethane-d4	5.06	65	175706	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
32) Benzene-d6	5.08	84	484463	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
36) 1,2-Dichloropropane-d6	6.10	67	164131	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.06%
41) Toluene-d8	7.34	98	436603	51.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.94%
43) trans-1,3-Dichloropropene-	7.64	79	77328	40.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.28%
47) 2-Hexanone-d5	8.12	63	157500	75.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	247788	39.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	167549	42.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.50%

Target Compounds

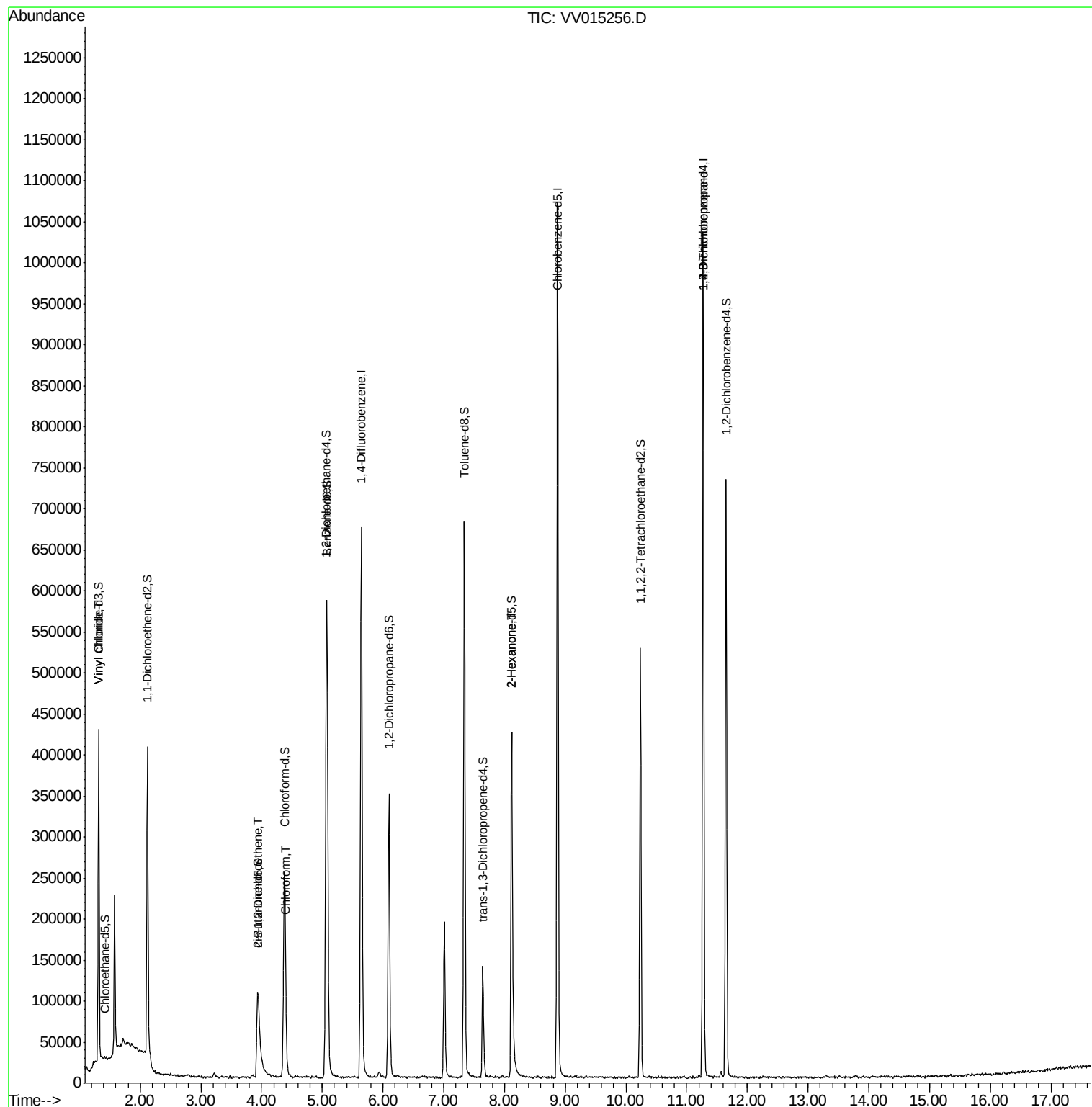
					Ovalue
5) Vinyl chloride	1.32	62	132107	25.981	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	11441	2.600	ug/L # 88
25) Chloroform	4.41	83	10780	1.470	ug/L 98
48) 2-Hexanone	8.12	43	20688	4.787	ug/L # 83
59) 1,2,3-Trichloropropane	11.27	75	33587	6.454	ug/L 95

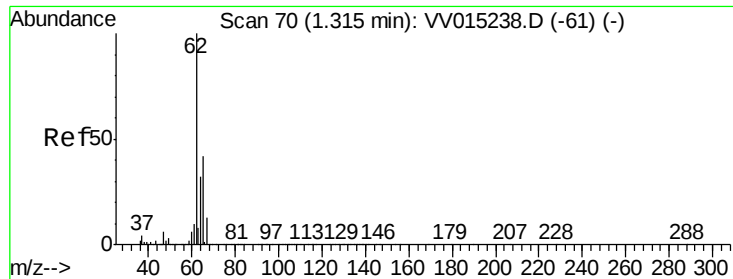
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 25.981 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015256.D

Acq: 28 Mar 2020 19:19

Instrument :

MSVOA_V

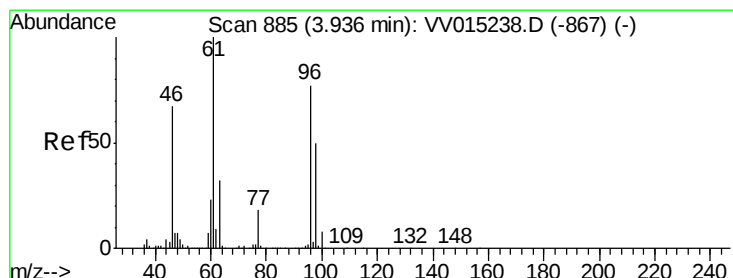
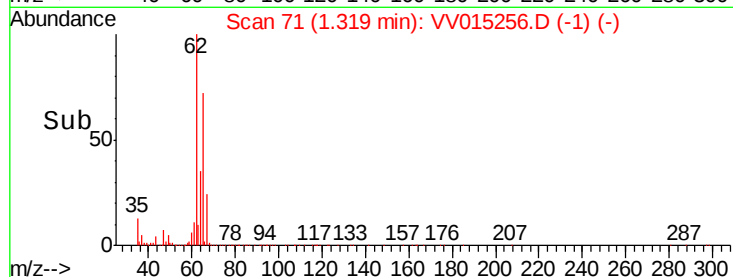
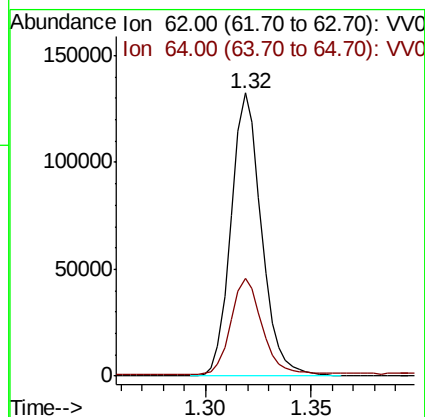
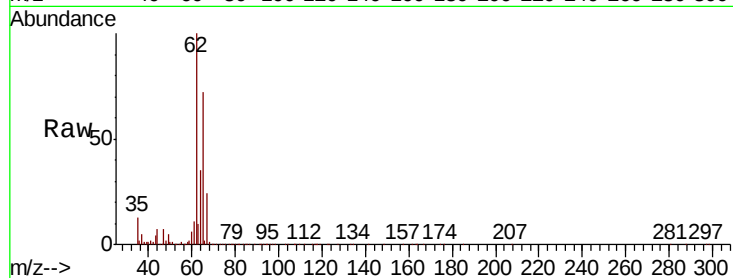
ClientSampleId :

Tot Ion: 62 Resp: 132107

Ion Ratio Lower Upper

62 100

64 34.6 23.5 43.7



#20

cis-1,2-Dichloroethene

Concen: 2.600 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

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Acq: 28 Mar 2020 19:19

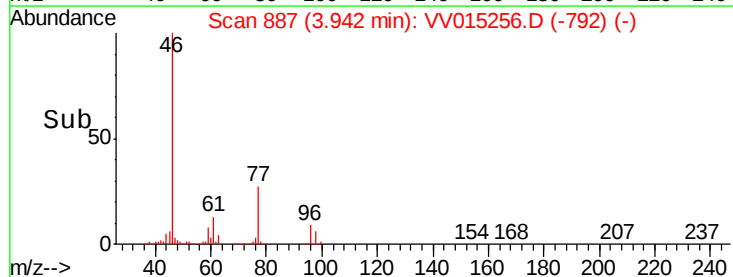
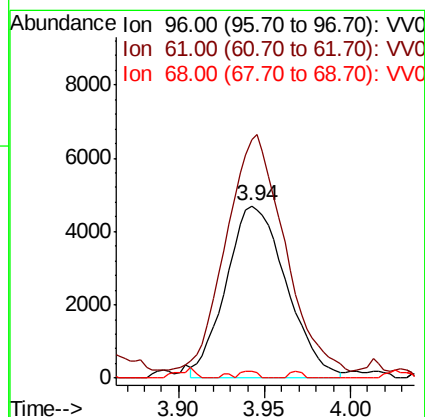
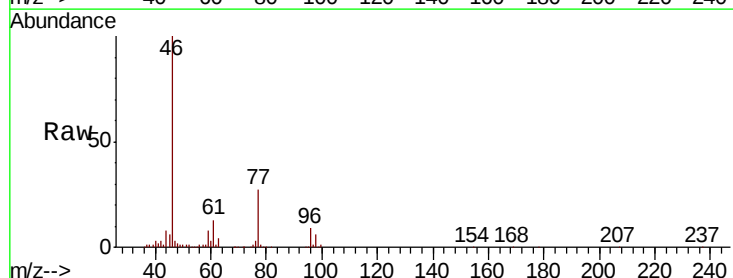
Tgt Ion: 96 Resp: 11441

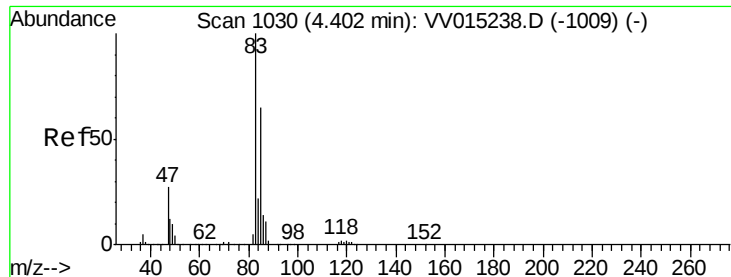
Ion Ratio Lower Upper

96 100

61 138.7 87.2 162.0

68 3.7 0.1 0.3#

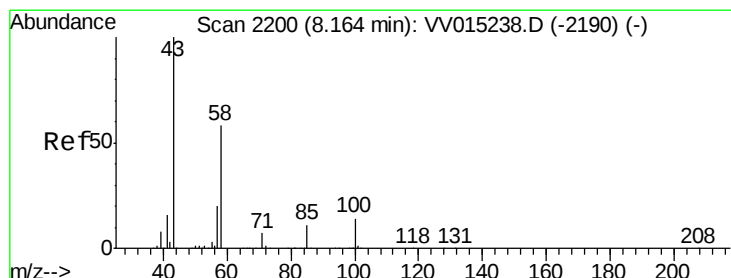
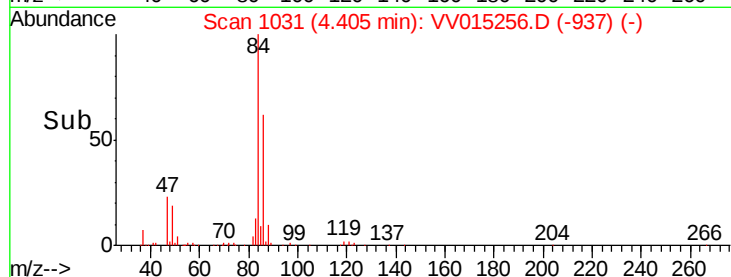
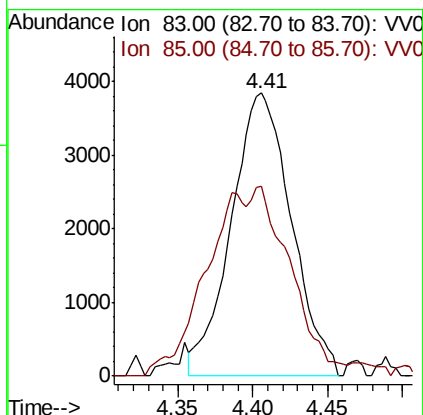
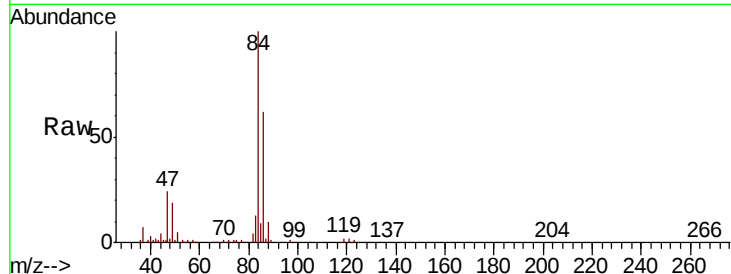




#25
Chloroform
Concen: 1.470 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015256.D
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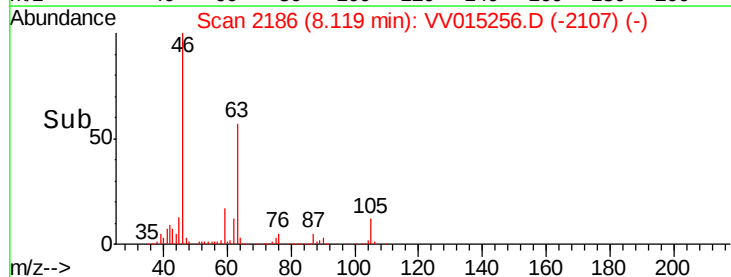
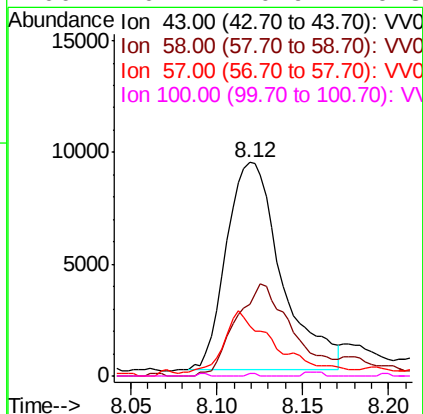
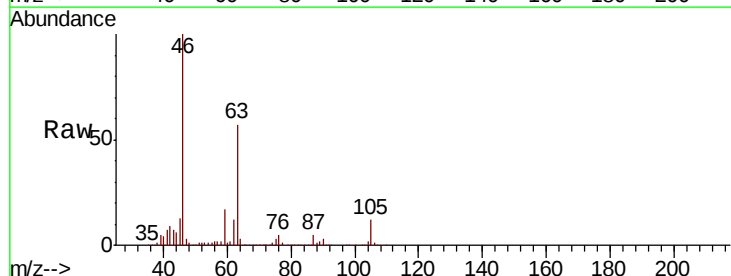
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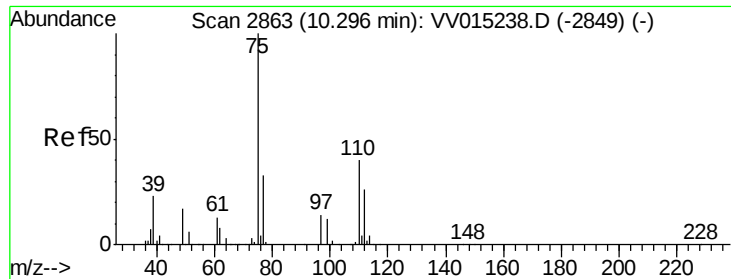
Tot Ion: 83 Resp: 10780
Ion Ratio Lower Upper
83 100
85 67.2 46.2 85.8



#48
2-Hexanone
Concen: 4.787 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.04 min
Lab File: VV015256.D
Acq: 28 Mar 2020 19:19

Tgt Ion: 43 Resp: 20688
Ion Ratio Lower Upper
43 100
58 45.0 45.5 68.3#
57 16.9 15.8 23.6
100 0.2 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 6.454 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV015256.D

Acq: 28 Mar 2020 19:19

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 33587

Ion Ratio Lower Upper

75 100

77 35.4 26.0 39.0

