

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015278.D
 Acq On : 30 Mar 2020 17:42
 Operator : SY/MD
 Sample : L1976-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:20:52 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	578956	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	554101	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	238254	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	116877	27.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.38%#
7) Chloroethane-d5	1.58	69	121486	30.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.86%#
11) 1,1-Dichloroethene-d2	2.12	63	195126	21.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	42.86%#
21) 2-Butanone-d5	3.87	46	89	0.03	ug/L	-0.07
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.03%#
24) Chloroform-d	4.38	84	264385	34.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.68%#
26) 1,2-Dichloroethane-d4	5.06	65	176707	35.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.24%
32) Benzene-d6	5.08	84	483415	33.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.84%#
36) 1,2-Dichloropropane-d6	6.10	67	161097	35.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	71.24%
41) Toluene-d8	7.34	98	425362	30.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.80%#
43) trans-1,3-Dichloropropene-	7.64	79	70595	28.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.32%#
47) 2-Hexanone-d5	8.12	63	163575	77.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	253332	37.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	168252	35.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.96%#

Target Compounds

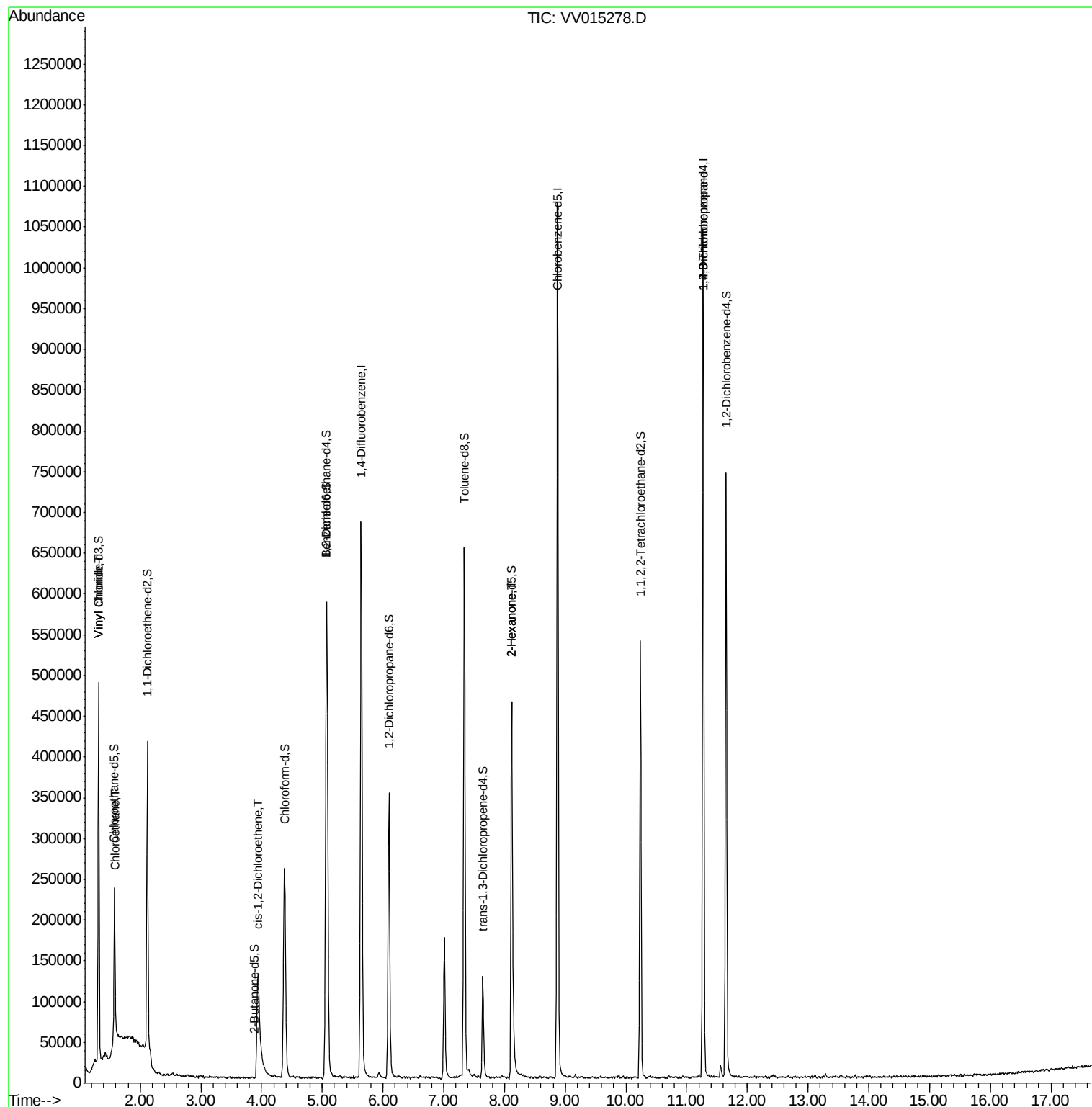
					Ovalue
5) Vinyl chloride	1.32	62	177561	36.387	ug/L 98
8) Chloroethane	1.59	64	85027	25.268	ug/L # 59
20) cis-1,2-Dichloroethene	3.95	96	20893	5.180	ug/L # 100
48) 2-Hexanone	8.12	43	22923	5.386	ug/L # 82
59) 1,2,3-Trichloropropane	11.27	75	34299	6.644	ug/L 89

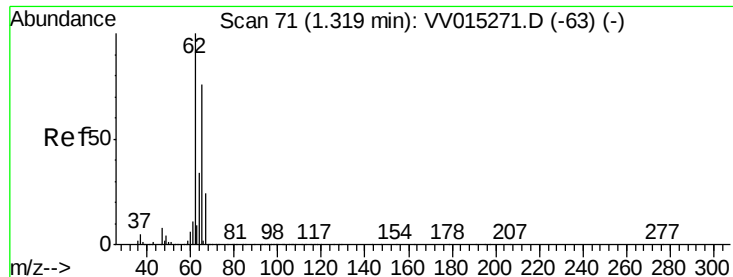
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 36.387 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015278.D

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Instrument :

MSVOA_V

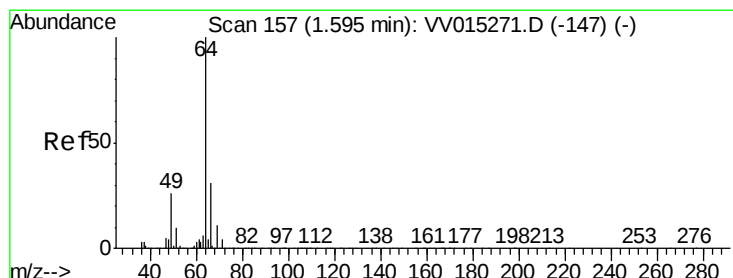
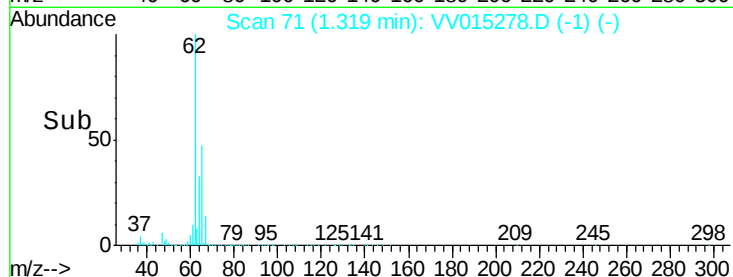
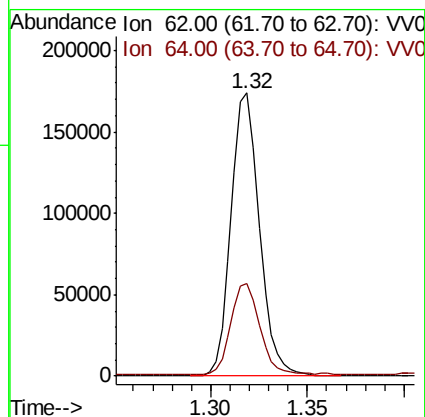
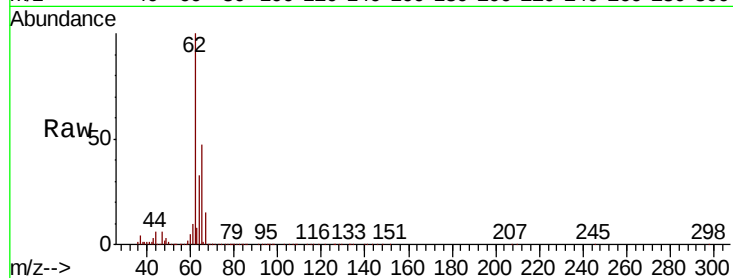
ClientSampleId :

Tot Ion: 62 Resp: 177561

Ion Ratio Lower Upper

62 100

64 32.9 23.9 44.3



#8

Chloroethane

Concen: 25.268 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV015278.D

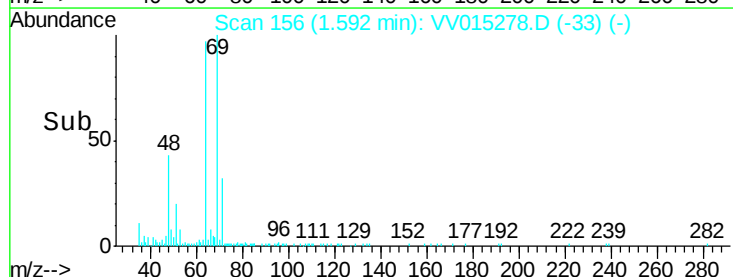
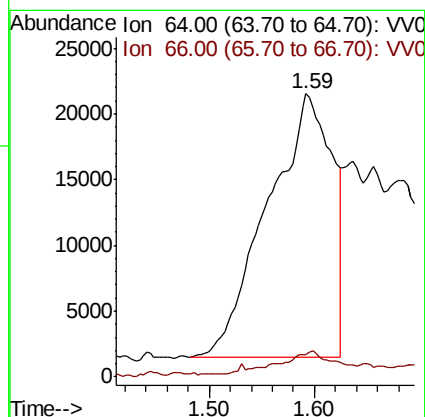
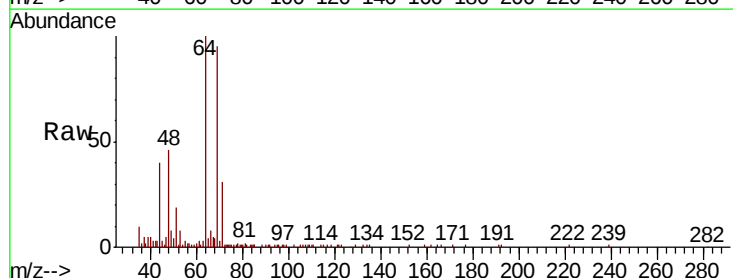
Acq: 30 Mar 2020 17:42

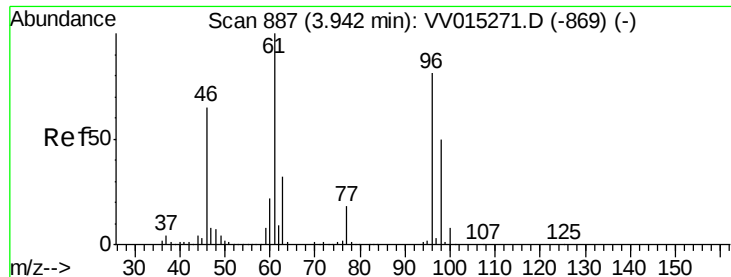
Tgt Ion: 64 Resp: 85027

Ion Ratio Lower Upper

64 100

66 8.0 21.5 39.9#

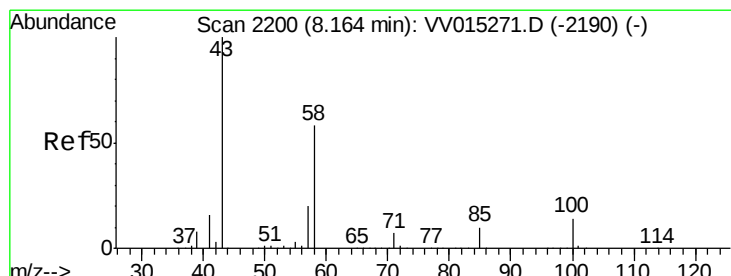
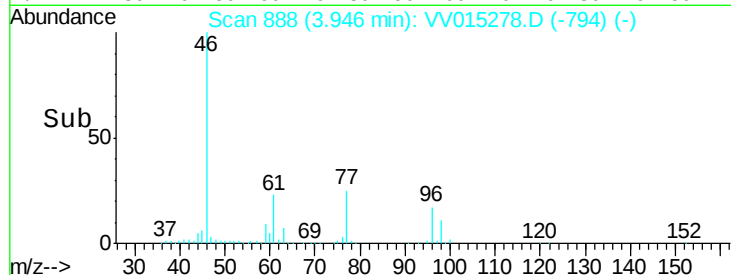
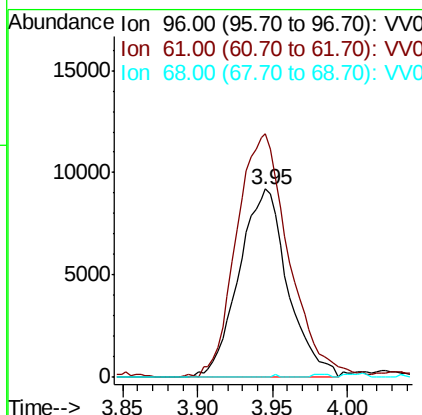
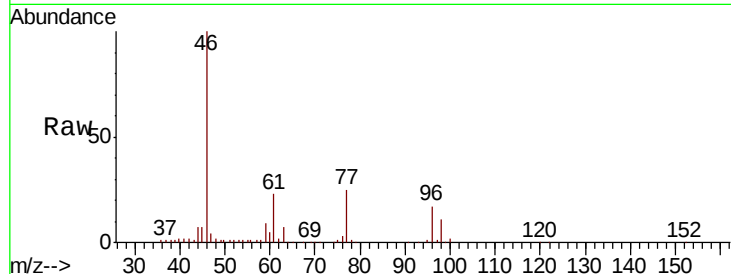




#20
 cis-1,2-Dichloroethene
 Concen: 5.180 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VV015278.D
 Acq: 30 Mar 2020 17:42

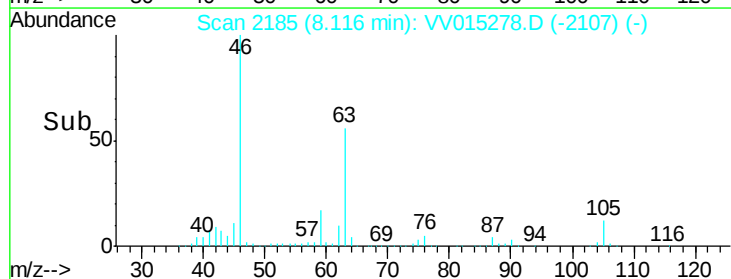
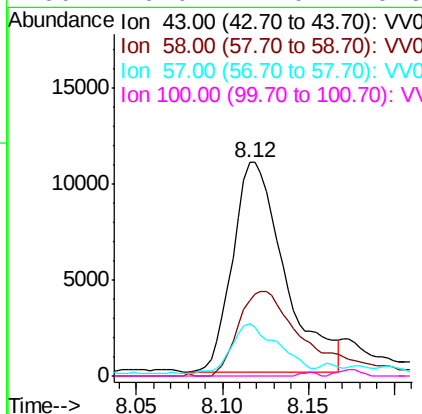
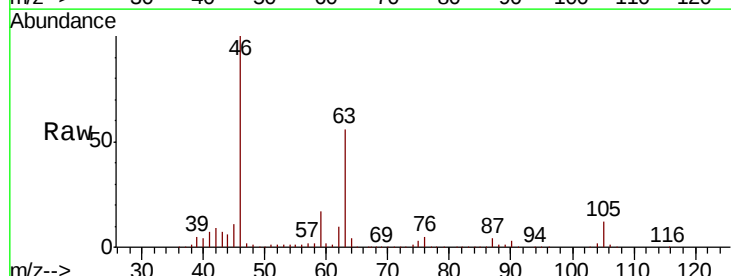
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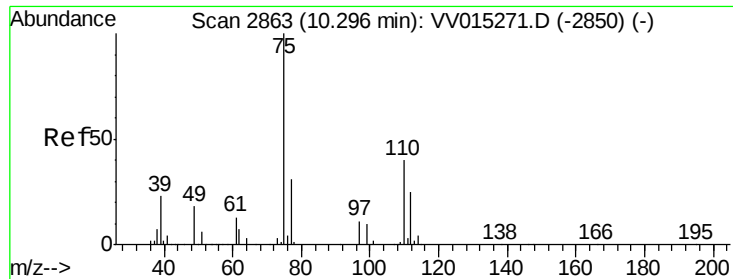
Tot Ion: 96 Resp: 20893
 Ion Ratio Lower Upper
 96 100
 61 129.5 90.2 167.6
 68 0.0 0.1 0.1#



#48
 2-Hexanone
 Concen: 5.386 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV015278.D
 Acq: 30 Mar 2020 17:42

Tgt Ion: 43 Resp: 22923
 Ion Ratio Lower Upper
 43 100
 58 44.3 47.0 70.6#
 57 21.4 16.2 24.2
 100 0.0 11.0 16.6#





#59

1,2,3-Trichloropropane

Concen: 6.644 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV015278.D

Acq: 30 Mar 2020 17:42

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 34299

Ion Ratio Lower Upper

75 100

77 37.0 24.7 37.1

