

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

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTK3RE

Manual Integrations
 APPROVED

MMDadoda
 3/31/2020 4:20:58 PM

Quant Time: Mar 31 03:11:59 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	3.94	46	226546m	82.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.06%
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
20) cis-1,2-Dichloroethene	3.95	96	20893	5.180 ug/L #	100

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

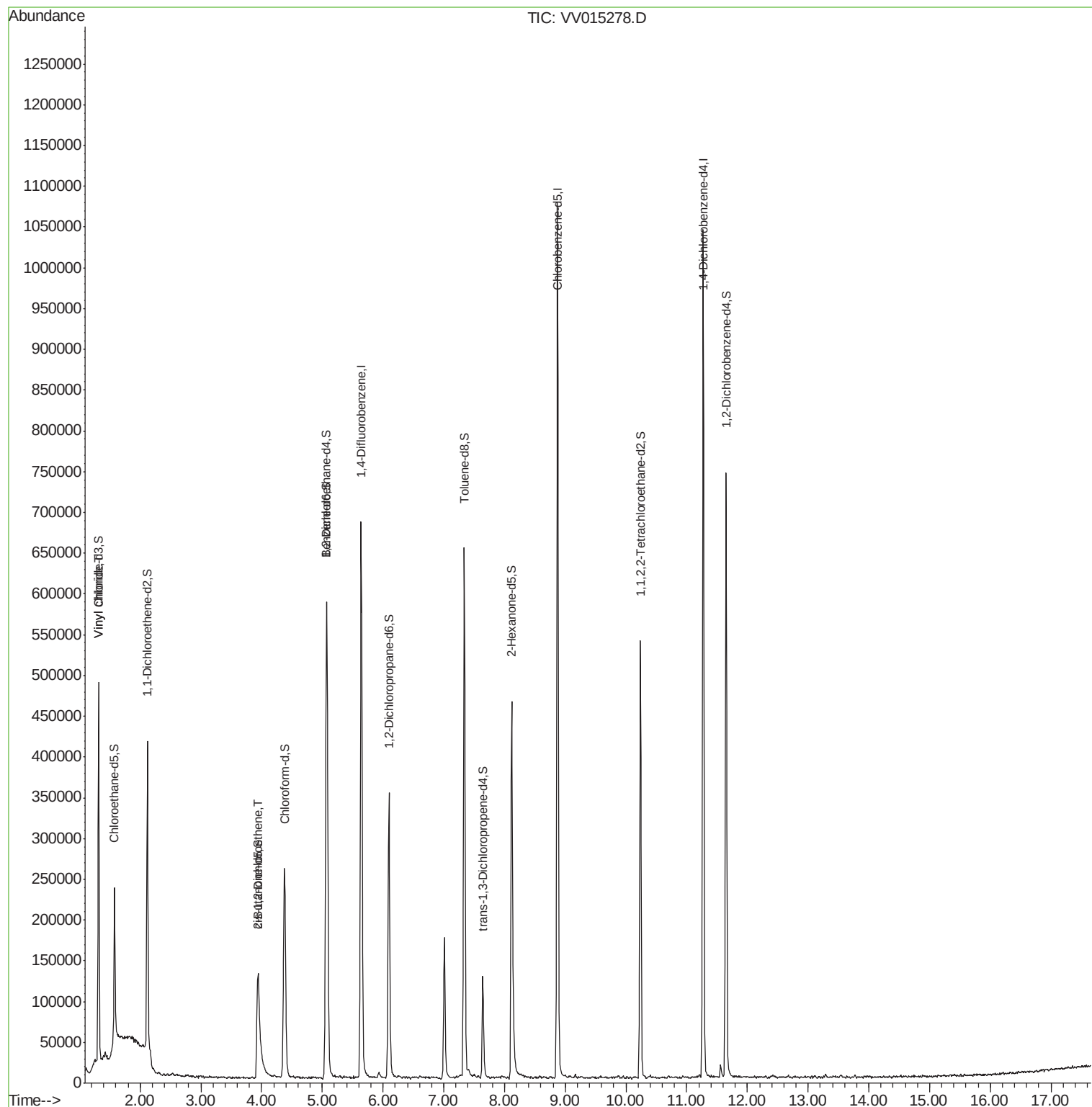
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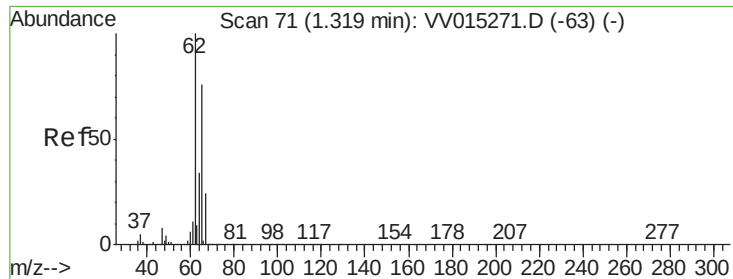
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#5

Vinyl chloride

Concen: 36.387 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015278.D

Acq: 30 Mar 2020 17:42

Instrument :

MSVOA_V

ClientSampleId :

ETTK3RE

Tot Ion: 62 Resp: 177561

Ion Ratio Lower Upper

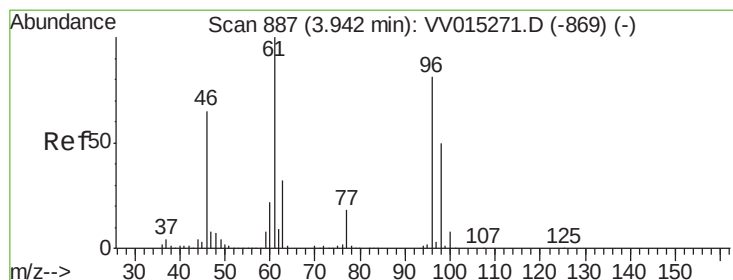
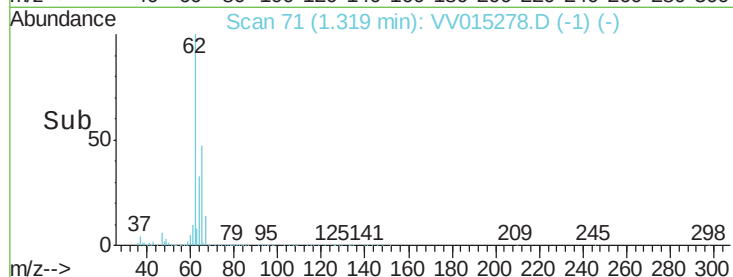
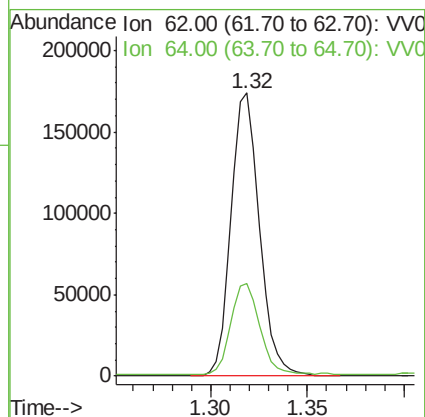
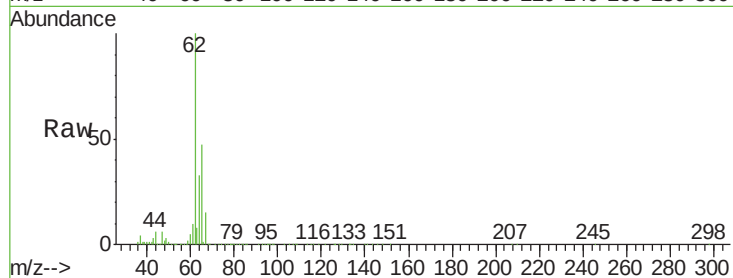
62 100

64 32.9 23.9 44.3

Manual Integrations
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3/31/2020 4:20:58 PM



#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

Tgt Ion: 96 Resp: 20893

Ion Ratio Lower Upper

96 100

61 129.5 90.2 167.6

68 0.0 0.1 0.1#

