

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017450.D
 Acq On : 10 Jul 2020 19:12
 Operator : SY/MD
 Sample : L3270-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A09

Quant Time: Jul 11 00:27:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	269395	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	255860	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123510	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53168	37.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.82%
7) Chloroethane-d5	1.58	69	41596	42.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.44%
11) 1,1-Dichloroethene-d2	2.12	63	95654	30.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.24%
21) 2-Butanone-d5	3.91	46	87199	91.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.03%
24) Chloroform-d	4.38	84	141650	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
26) 1,2-Dichloroethane-d4	5.06	65	105925	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
32) Benzene-d6	5.08	84	248132	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
36) 1,2-Dichloropropane-d6	6.09	67	72408	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.98%
41) Toluene-d8	7.34	98	232743	43.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.64	79	40055	43.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.48%
47) 2-Hexanone-d5	8.11	63	59294	90.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98995	44.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	102312	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%

Target Compounds

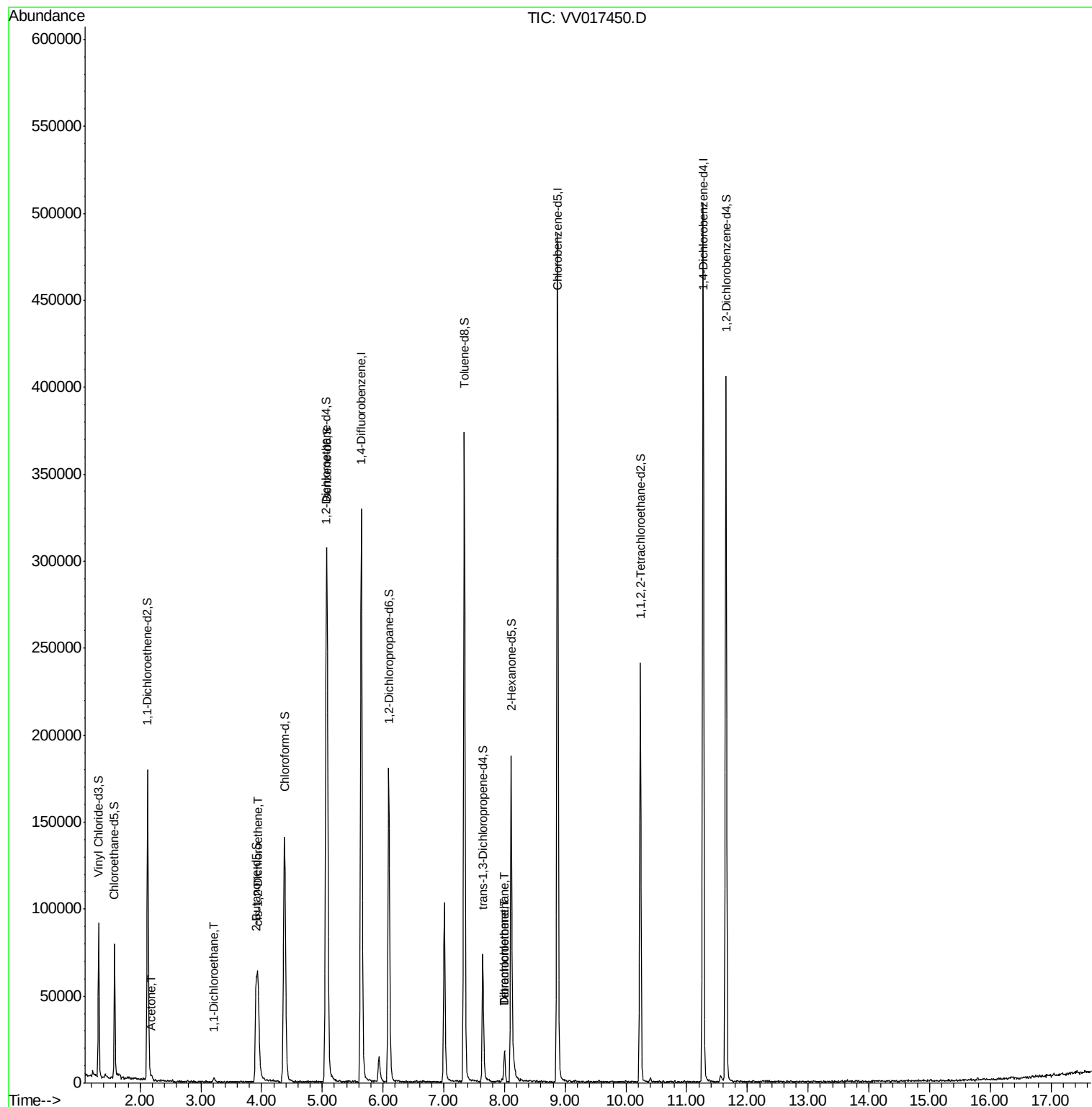
					Ovalue
13) Acetone	2.19	43	2771	2.125 ug/L	97
19) 1,1-Dichloroethane	3.22	63	2527	0.781 ug/L #	90
20) cis-1,2-Dichloroethene	3.94	96	24794	13.151 ug/L	94
46) Tetrachloroethene	8.00	164	4560	2.705 ug/L	85
49) Dibromochloromethane	8.00	129	3695	1.650 ug/L #	10

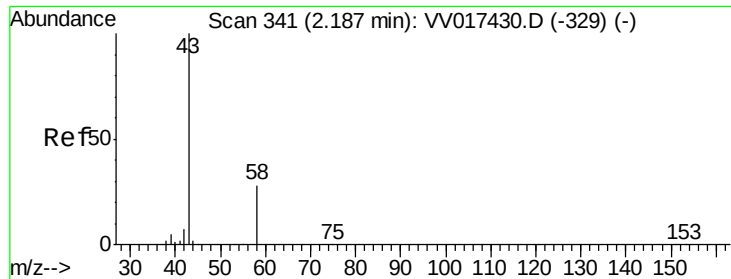
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.125 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017450.D

Acq: 10 Jul 2020 19:12

Instrument :

MSVOA_V

ClientSampled :

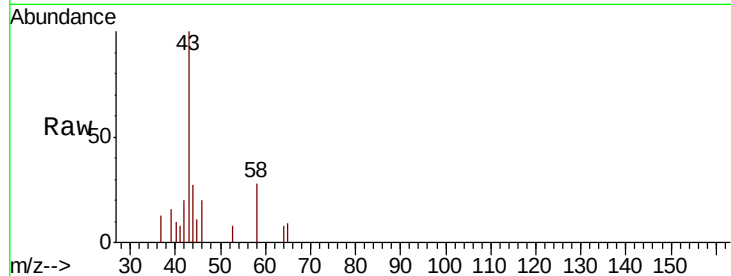
F4A09

Tot Ion: 43 Resp: 2771

Ion Ratio Lower Upper

43 100

58 26.2 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

1500

1000

500

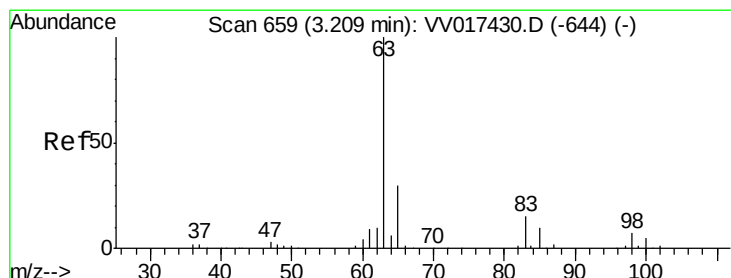
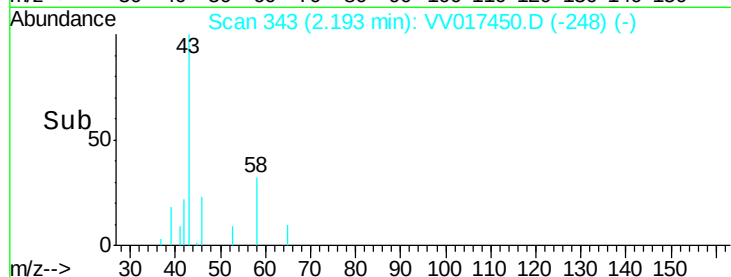
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Time-->

2.15

2.20

2.25



#19

1,1-Dichloroethane

Concen: 0.781 ug/L

RT: 3.22 min Scan# 662

Delta R.T. 0.01 min

Lab File: VV017450.D

Acq: 10 Jul 2020 19:12

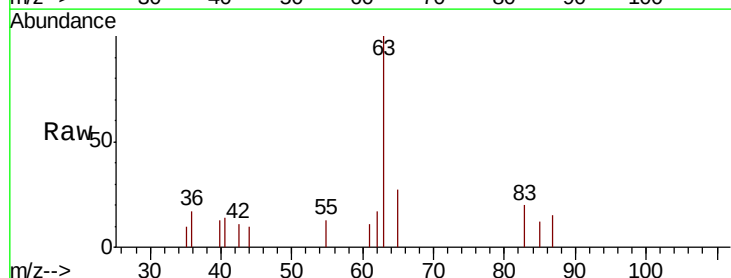
Tgt Ion: 63 Resp: 2527

Ion Ratio Lower Upper

63 100

65 27.1 22.1 41.1

83 20.0 10.1 18.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

3.22

1000

500

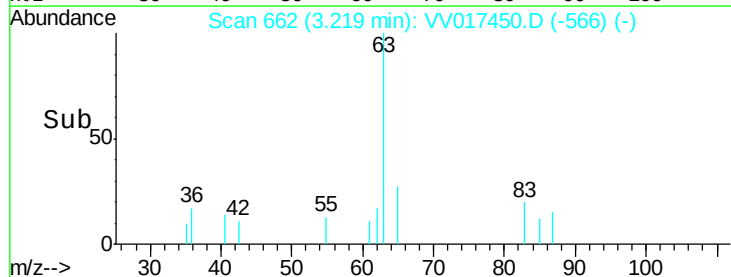
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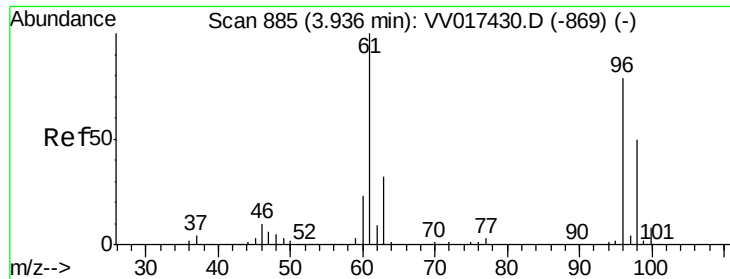
Time-->

3.15

3.20

3.25

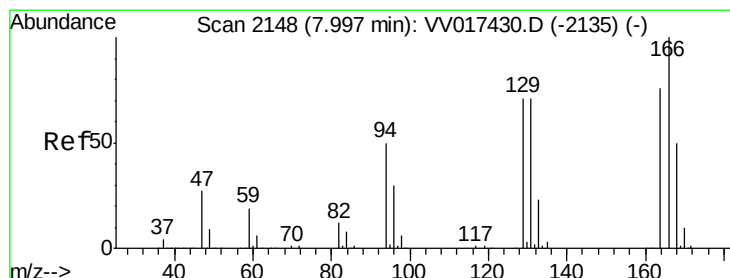
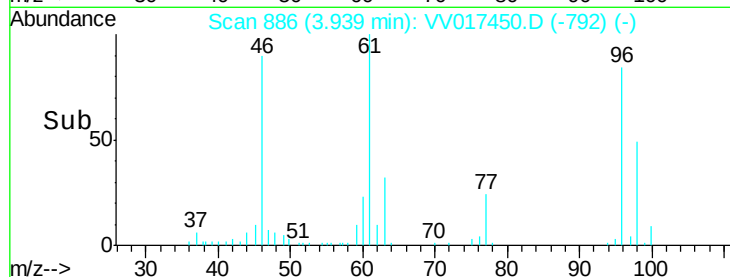
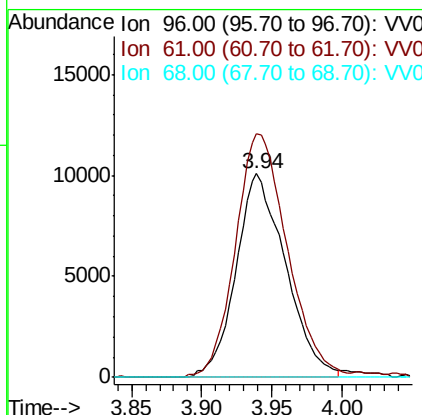
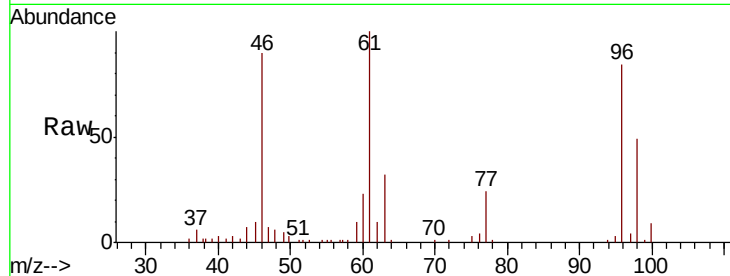




#20
 cis-1,2-Dichloroethene
 Concen: 13.151 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017450.D
 Acq: 10 Jul 2020 19:12

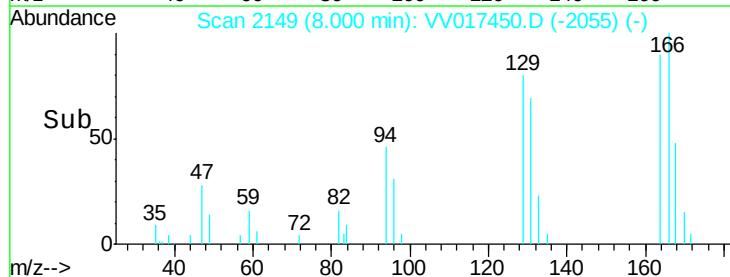
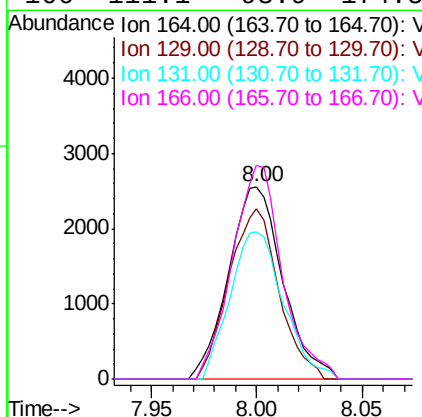
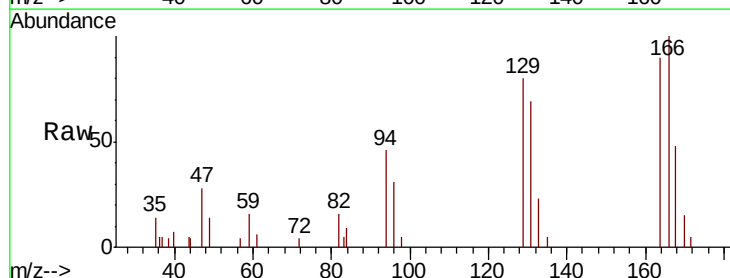
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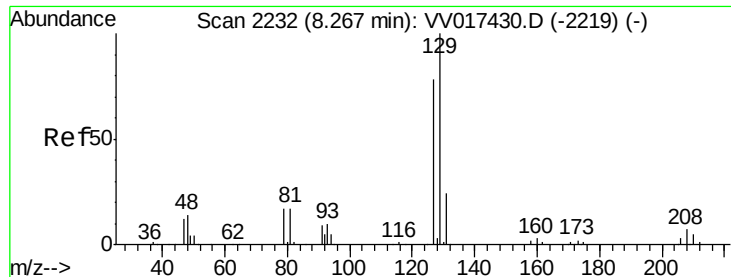
Tot Ion: 96 Resp: 24794
 Ion Ratio Lower Upper
 96 100
 61 119.5 88.9 165.1
 68 0.0 0.0 0.0



#46
 Tetrachloroethene
 Concen: 2.705 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV017450.D
 Acq: 10 Jul 2020 19:12

Tgt Ion: 164 Resp: 4560
 Ion Ratio Lower Upper
 164 100
 129 88.7 66.6 123.8
 131 76.8 65.5 121.7
 166 111.1 93.9 174.5





#49

Dibromochloromethane

Concen: 1.650 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV017450.D

Acq: 10 Jul 2020 19:12

Instrument :

MSVOA_V

ClientSampleId :

F4A09

Tot Ion:129 Resp: 3695

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

