

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017092.D
 Acq On : 24 Jun 2020 23:29
 Operator : SY/MD
 Sample : L3105-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXL9

Quant Time: Jun 25 04:10:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	169176	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164334	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78309	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37074	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.58	69	30800	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.13	63	57874	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.93	46	114560	44.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.54%
24) Chloroform-d	4.38	84	104016	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	53454	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.08	84	184835	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.09	67	55595	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.34	98	166255	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
45) trans-1,3-Dichloropropene-	7.64	79	21702	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
48) 2-Hexanone-d5	8.11	63	84514	41.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39369	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	65480	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

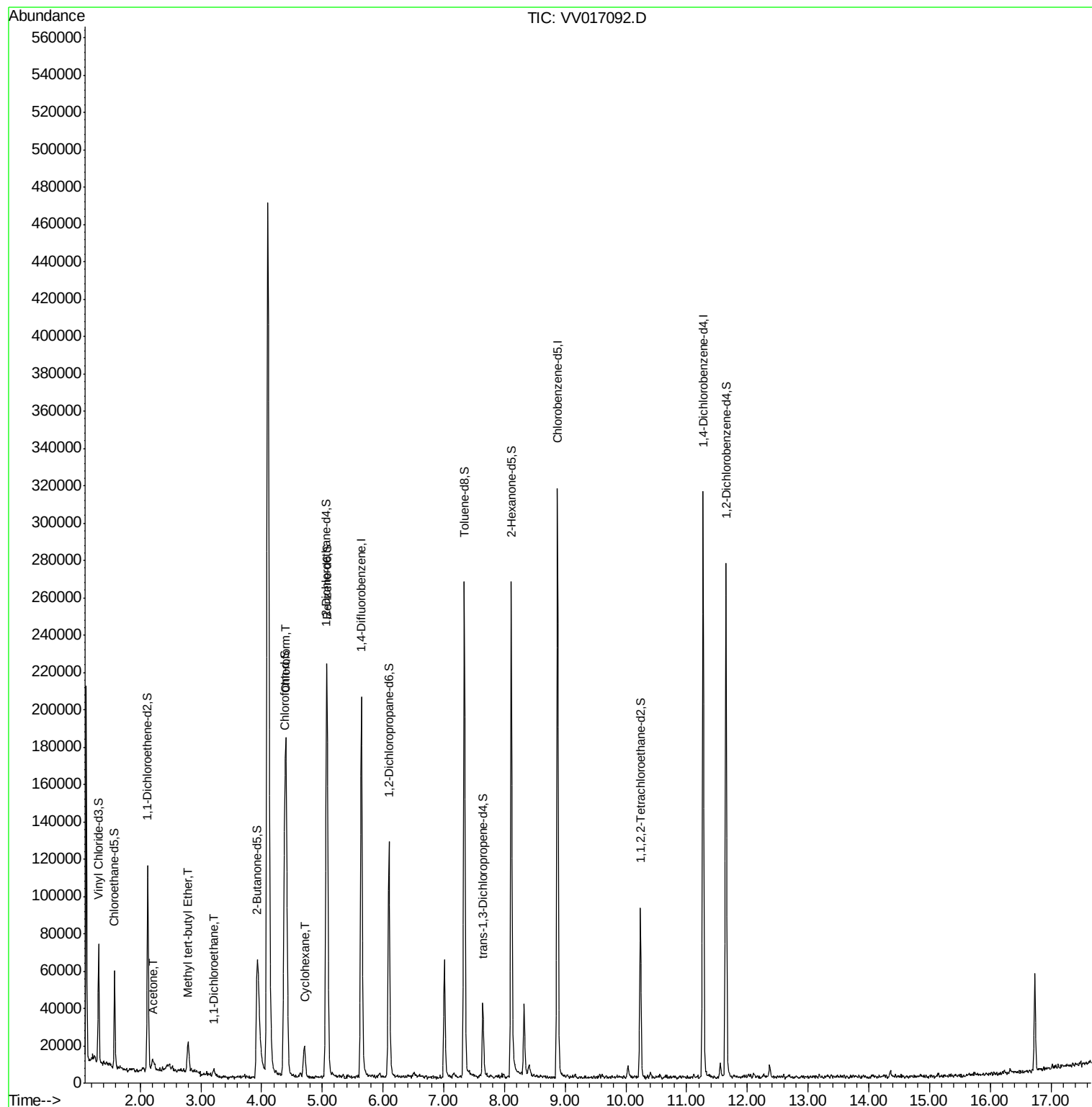
					Ovalue
13) Acetone	2.21	43	11544	8.825 ug/L	75
17) Methyl tert-butyl Ether	2.79	73	14660	0.719 ug/L #	89
19) 1,1-Dichloroethane	3.21	63	3942	0.204 ug/L #	92
25) Chloroform	4.41	83	135537	6.419 ug/L	97
30) Cyclohexane	4.70	56	7612	0.406 ug/L #	91

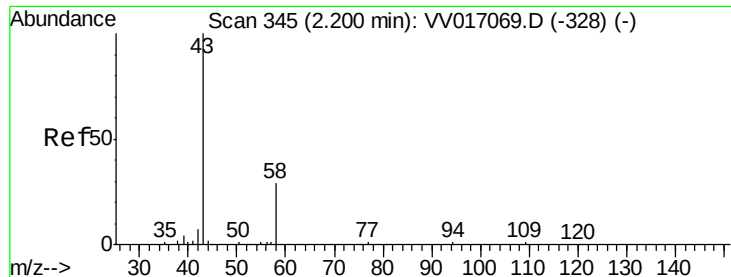
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.825 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV017092.D

Acq: 24 Jun 2020 23:29

Instrument :

MSVOA_V

ClientSampled :

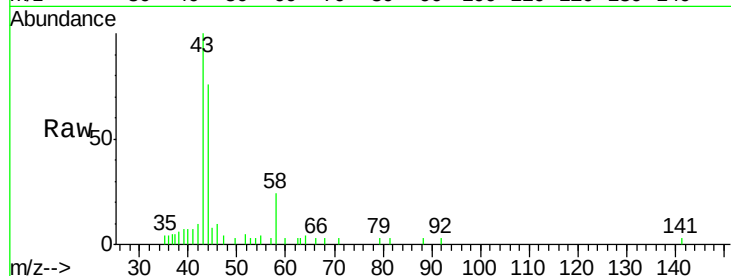
BFXL9

Tot Ion: 43 Resp: 11544

Ion Ratio Lower Upper

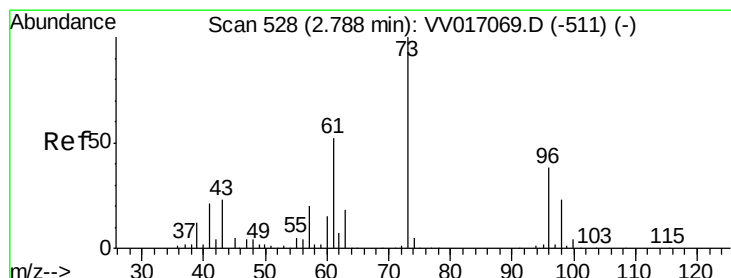
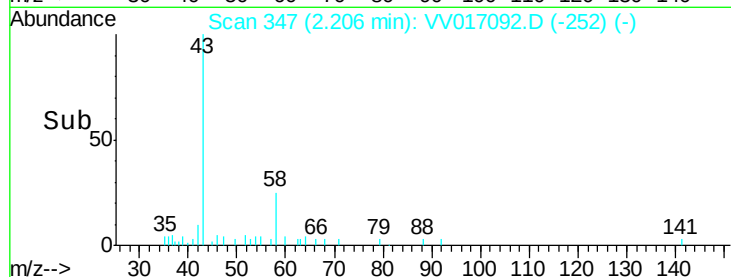
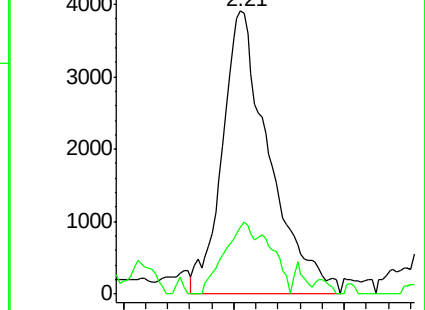
43 100

58 15.7 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV017069.D (-328) (-)

Ion 58.05 (57.75 to 58.75): VV017069.D (-328) (-)



#17

Methyl tert-butyl Ether

Concen: 0.719 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV017092.D

Acq: 24 Jun 2020 23:29

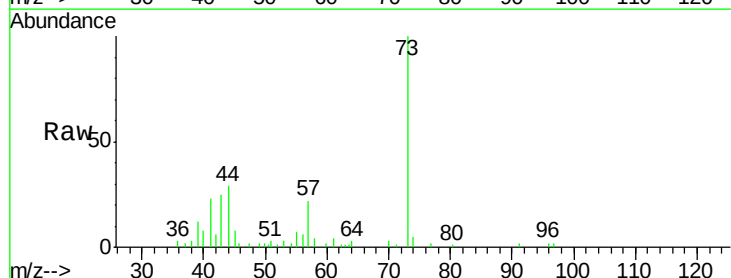
Tgt Ion: 73 Resp: 14660

Ion Ratio Lower Upper

73 100

43 28.5 18.6 28.0#

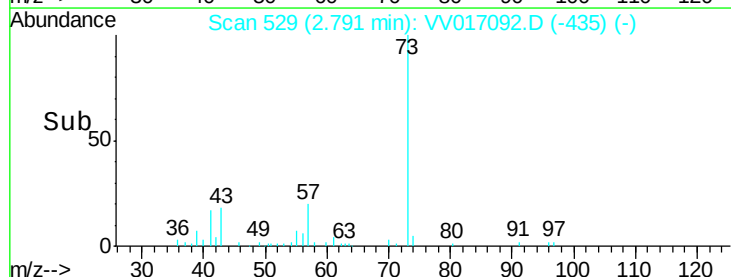
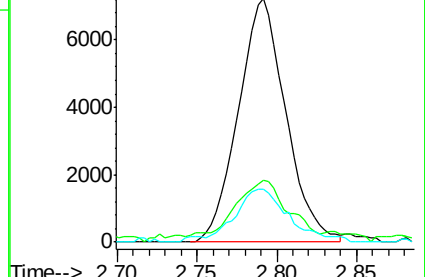
57 25.4 16.4 24.6#

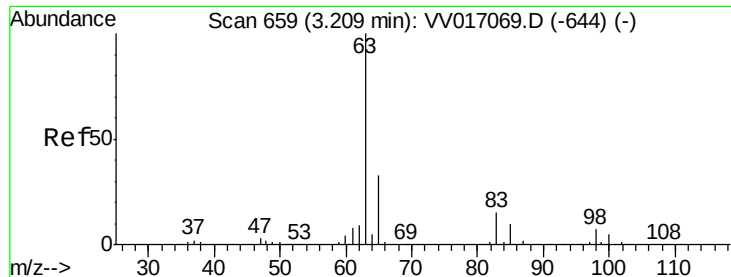


Abundance Ion 73.10 (72.80 to 73.80): VV017069.D (-511) (-)

Ion 43.05 (42.75 to 43.75): VV017069.D (-511) (-)

Ion 57.10 (56.80 to 57.80): VV017069.D (-511) (-)

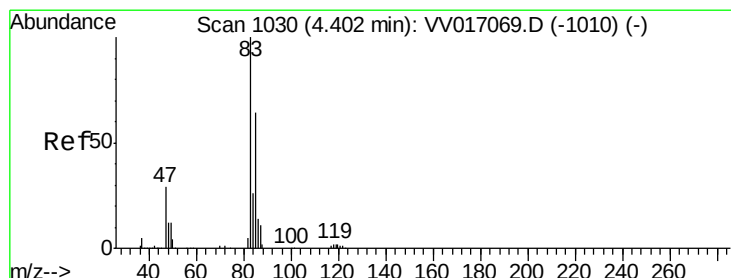
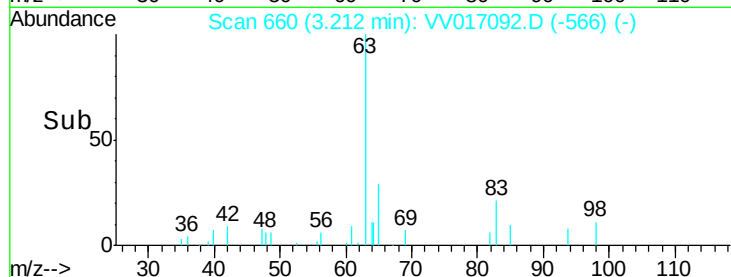
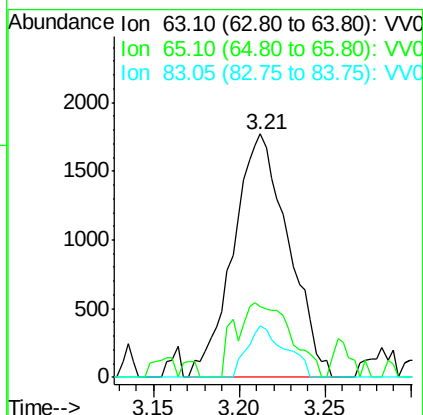
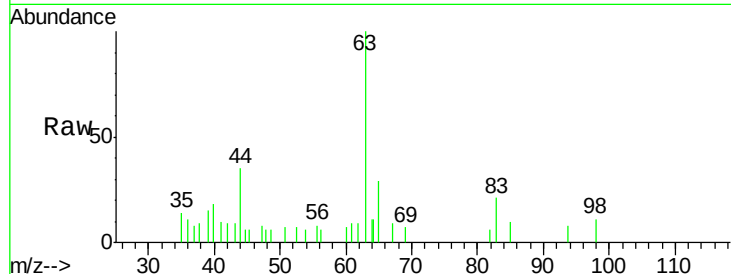




#19
 1,1-Dichloroethane
 Concen: 0.204 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV017092.D
 Acq: 24 Jun 2020 23:29

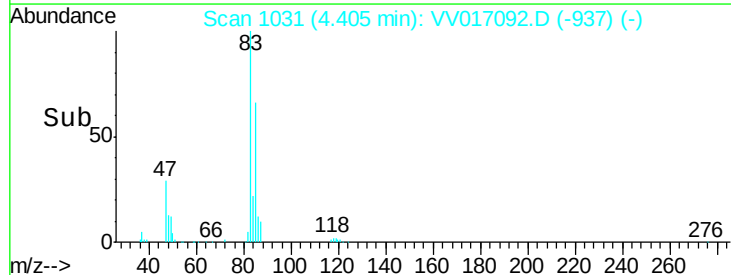
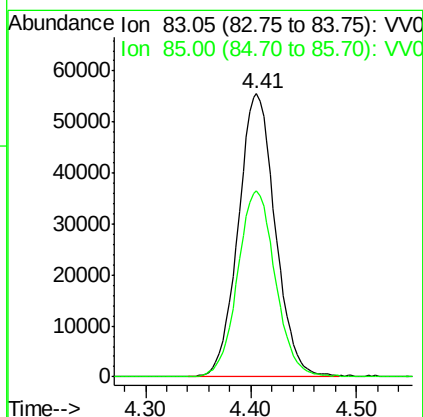
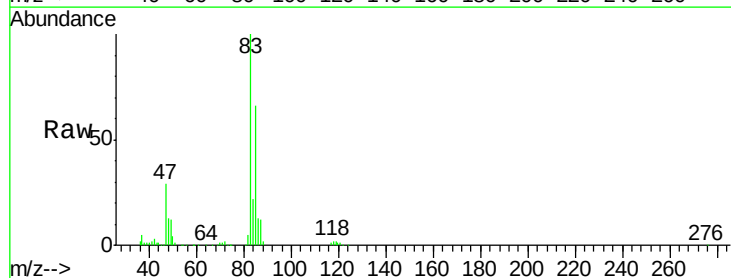
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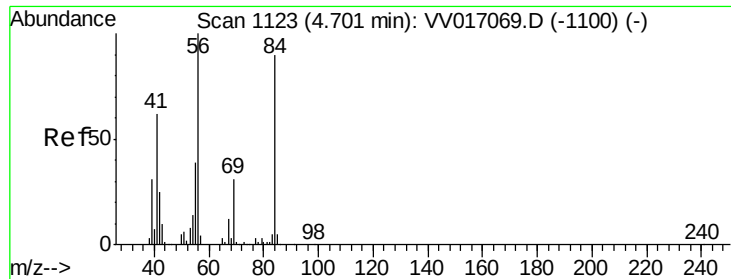
Tot Ion	63	Resp	3942
Ion	Ratio	Lower	Upper
63	100		
65	28.9	21.8	40.4
83	21.3	9.7	17.9#



#25
 Chloroform
 Concen: 6.419 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VV017092.D
 Acq: 24 Jun 2020 23:29

Tgt Ion	83	Resp	135537
Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.2	82.2





#30
 Cyclohexane
 Concen: 0.406 ug/L
 RT: 4.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: VV017092.D
 Acq: 24 Jun 2020 23:29

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXL9

Tot Ion: 56 Resp: 7612
 Ion Ratio Lower Upper
 56 100
 69 37.5 24.4 36.6#
 84 94.6 69.9 104.9

