

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017320.D
 Acq On : 02 Jul 2020 21:01
 Operator : SY/MD
 Sample : L3154-07DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4294DL

Quant Time: Jul 03 06:55:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	172679	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164903	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80633	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43592	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.58	69	34639	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	69466	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	3.92	46	98897	37.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.88%
24) Chloroform-d	4.38	84	95909	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.06	65	53761	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.08	84	173054	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.10	67	49424	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.20%
41) Toluene-d8	7.34	98	160261	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
45) trans-1,3-Dichloropropene-	7.65	79	20162	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
48) 2-Hexanone-d5	8.11	63	66154	32.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.10%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33964	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	63678	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

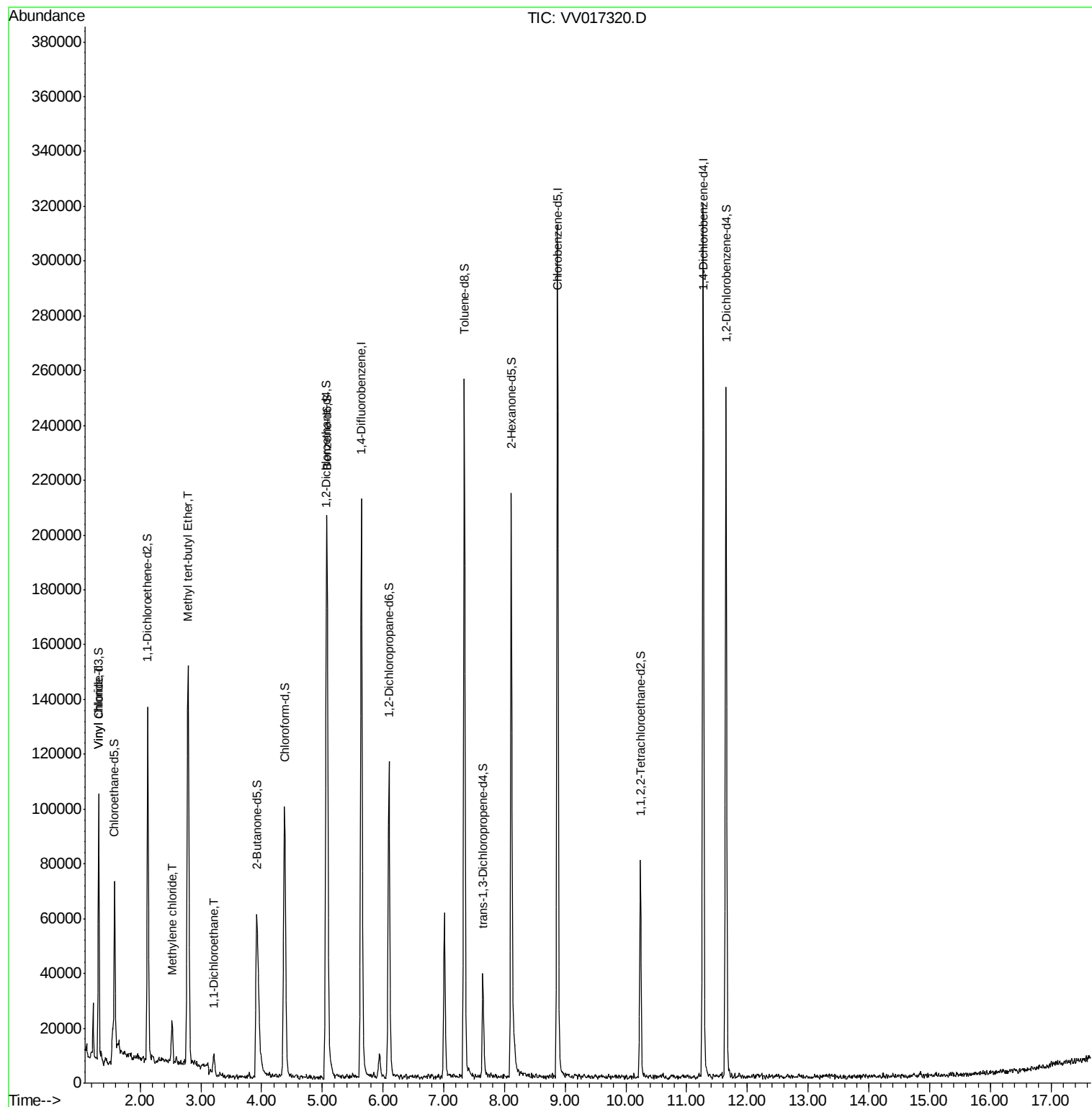
					Ovalue
5) Vinyl chloride	1.32	62	4528	0.400 ug/L	# 69
16) Methylene chloride	2.52	84	6798	0.766 ug/L	89
17) Methyl tert-butyl Ether	2.79	73	142983	6.871 ug/L	99
19) 1,1-Dichloroethane	3.22	63	6225	0.315 ug/L	98

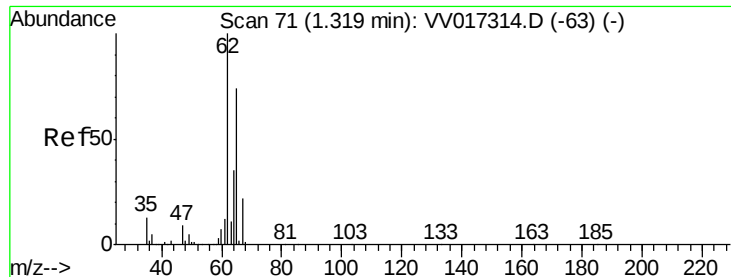
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.400 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017320.D

Acq: 02 Jul 2020 21:01

Instrument :

MSVOA_V

ClientSampleID :

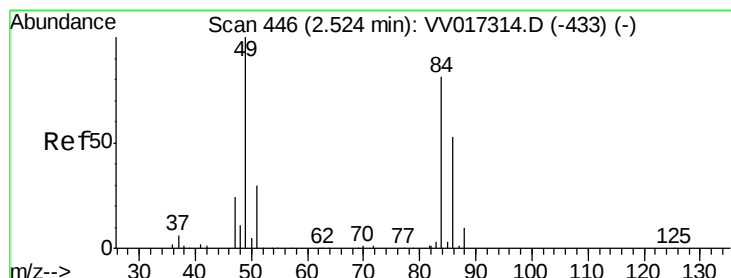
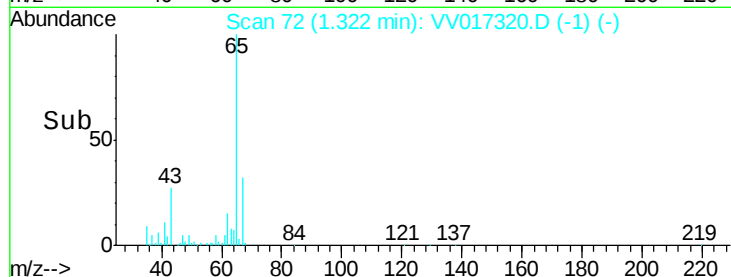
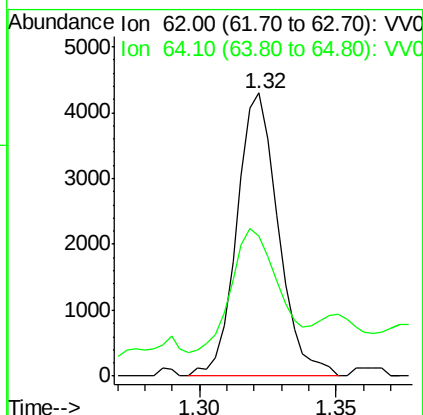
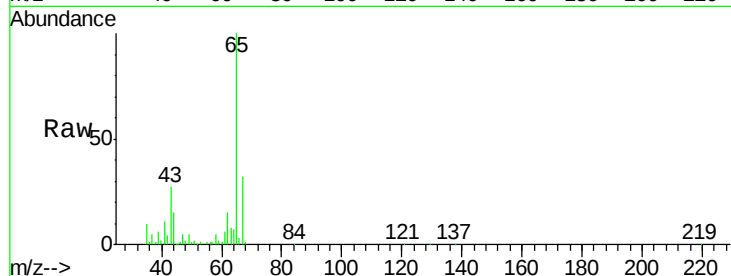
H4294DL

Tot Ion: 62 Resp: 4528

Ion Ratio Lower Upper

62 100

64 49.4 22.5 41.7#



#16

Methylene chloride

Concen: 0.766 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV017320.D

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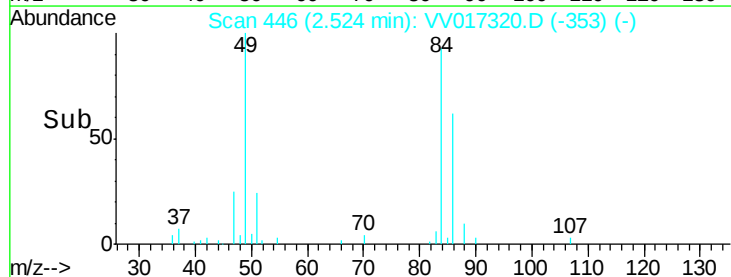
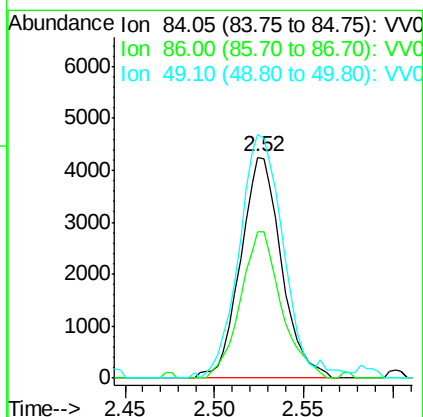
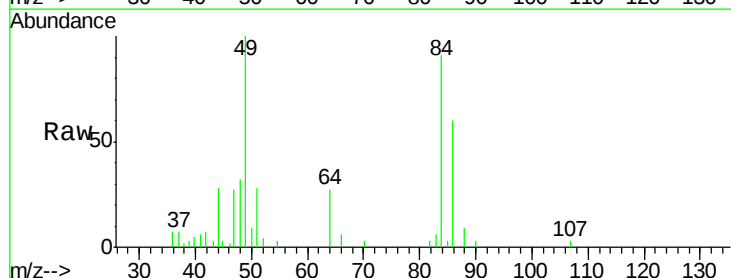
Tgt Ion: 84 Resp: 6798

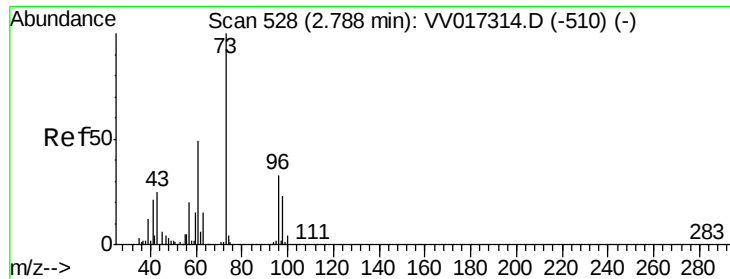
Ion Ratio Lower Upper

84 100

86 66.2 45.8 85.0

49 110.1 89.6 166.4

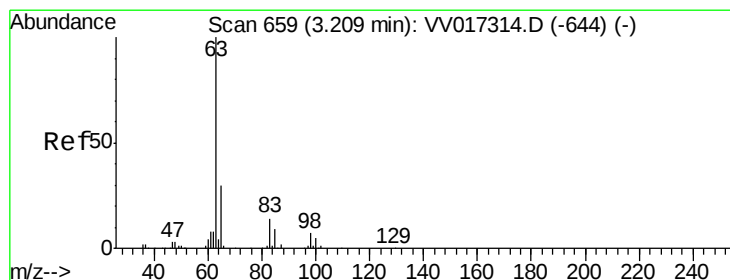
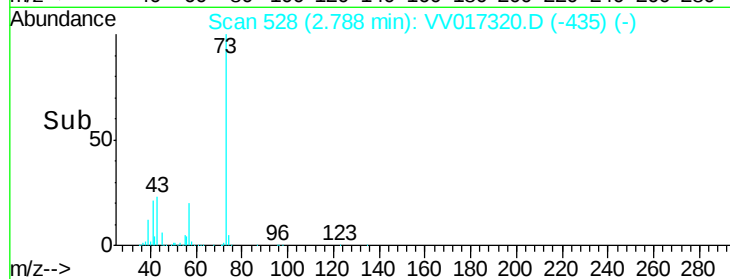
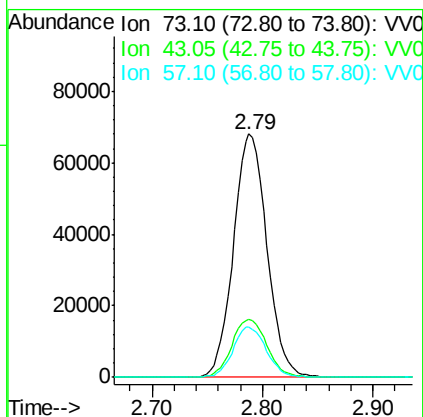
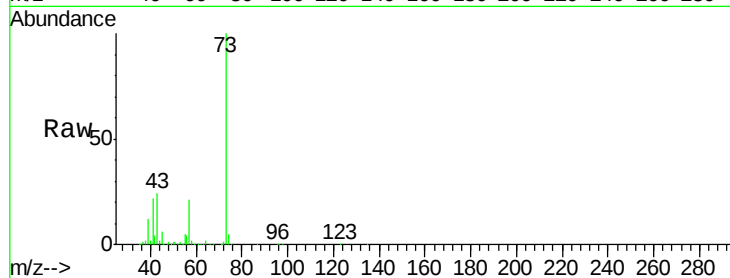




#17
Methvl tert-butvl Ether
Concen: 6.871 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
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Tot Ion:	73	Resp:	142983
Ion	Ratio	Lower	Upper
73	100		
43	24.5	18.6	28.0
57	20.7	16.4	24.6



#19
1,1-Dichloroethane
Concen: 0.315 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.01 min
Lab File: VV017320.D
Acq: 02 Jul 2020 21:01

Tgt Ion:	63	Resp:	6225
Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.8	40.4
83	16.7	9.7	17.9

