

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017381.D
 Acq On : 07 Jul 2020 16:14
 Operator : SY/MD
 Sample : L3154-14DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4288DL

Quant Time: Jul 08 03:28:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:30:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	154623	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	149398	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74175	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40595	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	33884	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	65572	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.92	46	96214	40.68	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.36%
24) Chloroform-d	4.38	84	94188	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.06	65	51456	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.08	84	165122	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.10	67	47271	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.34	98	151879	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
45) trans-1,3-Dichloropropene-	7.65	79	19870	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	8.11	63	67906	36.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34645	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	63168	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

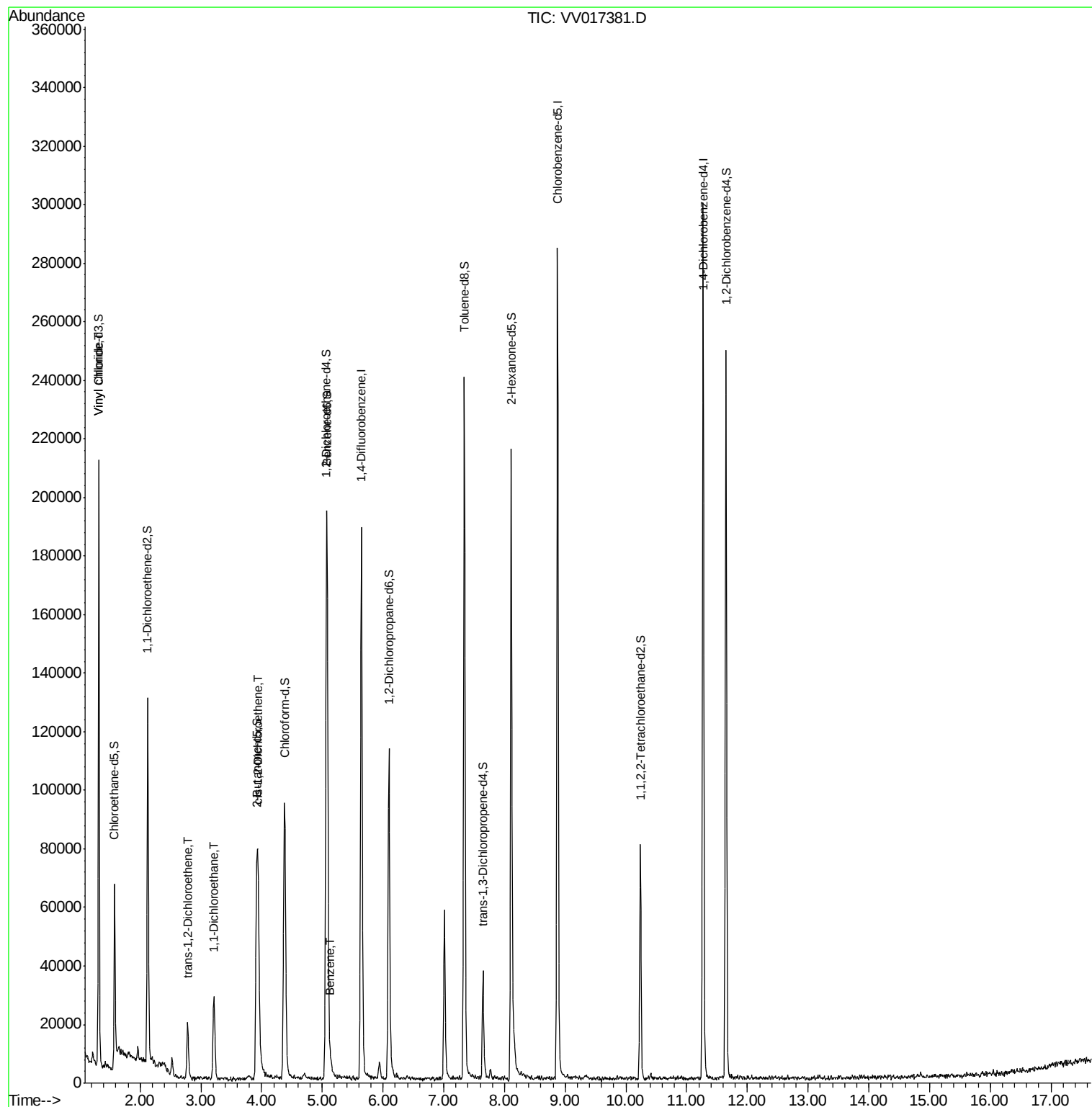
					Ovalue
5) Vinyl chloride	1.32	62	87735	8.647 ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	6834	0.869 ug/L	87
19) 1,1-Dichloroethane	3.22	63	27417	1.552 ug/L	92
22) cis-1,2-Dichloroethene	3.95	96	22731	2.114 ug/L #	100
33) Benzene	5.13	78	6044	0.154 ug/L	100

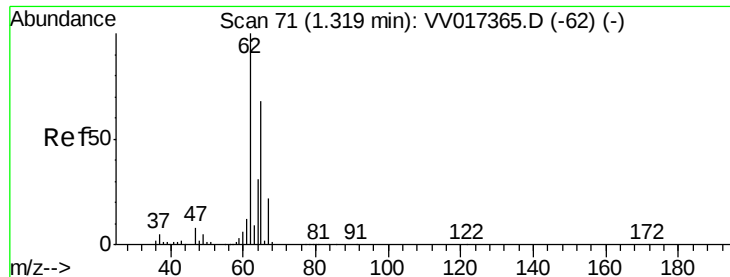
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 8.647 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017381.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_V

ClientSampleId :

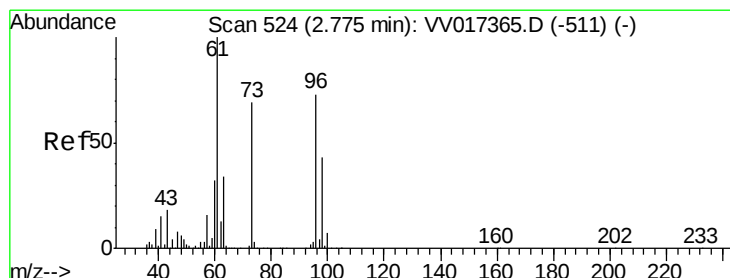
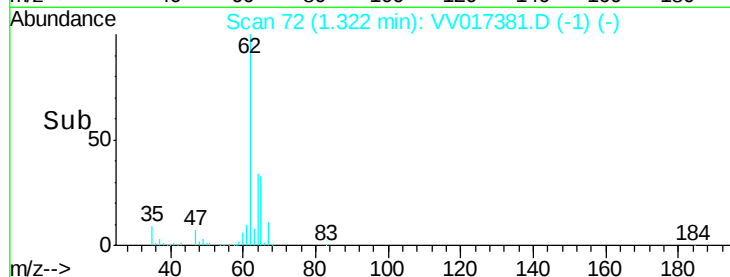
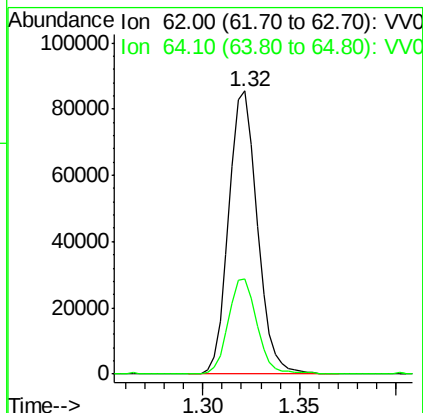
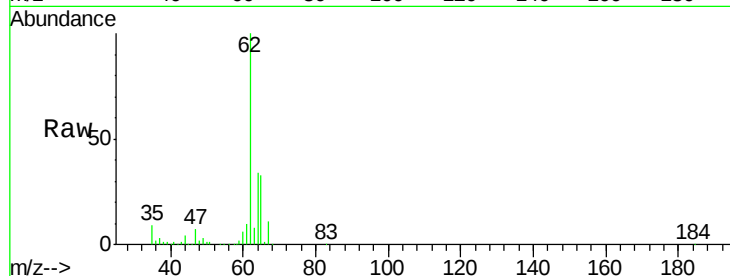
H4288DL

Tot Ion: 62 Resp: 87735

Ion Ratio Lower Upper

62 100

64 33.7 22.5 41.7



#18

trans-1,2-Dichloroethene

Concen: 0.869 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017381.D

Acq: 07 Jul 2020 16:14

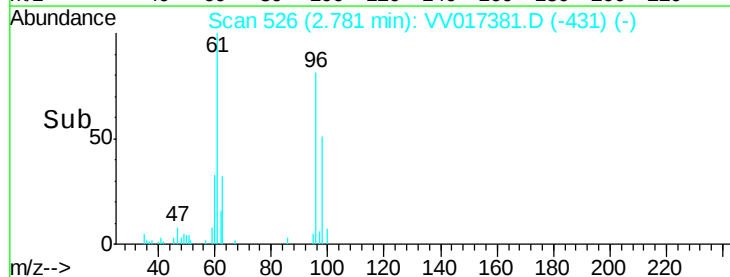
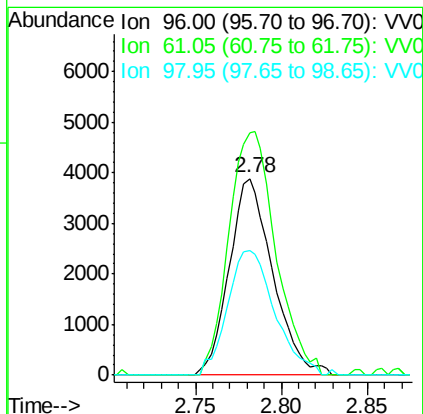
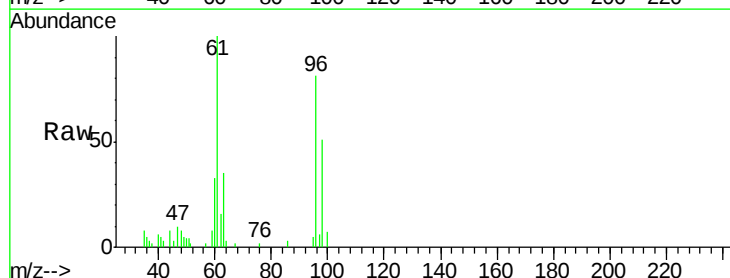
Tgt Ion: 96 Resp: 6834

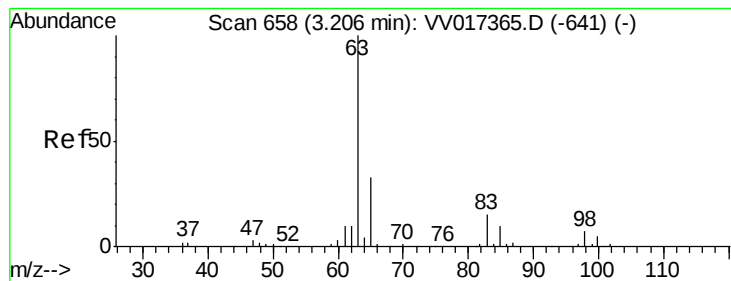
Ion Ratio Lower Upper

96 100

61 123.1 102.3 189.9

98 63.1 44.7 82.9





#19

1,1-Dichloroethane

Concen: 1.552 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV017381.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_V

ClientSampleId :

H4288DL

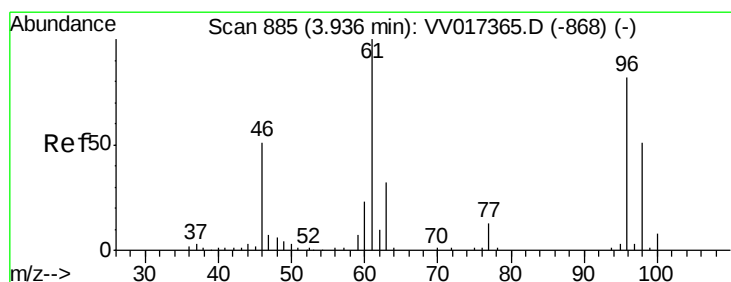
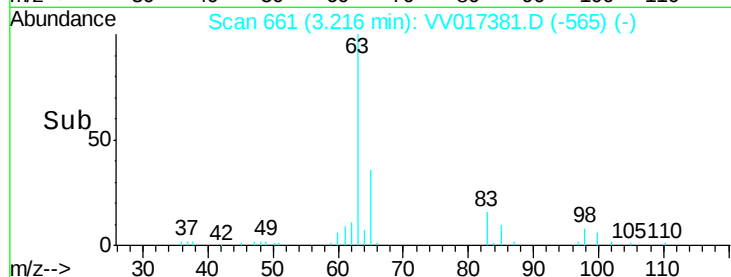
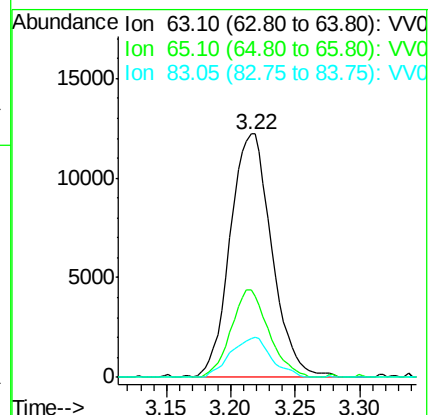
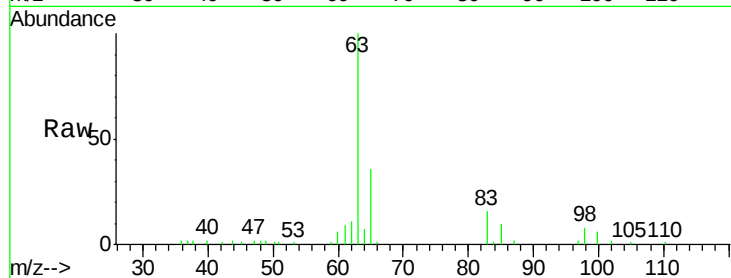
Tot Ion: 63 Resp: 27417

Ion Ratio Lower Upper

63 100

65 35.9 21.8 40.4

83 15.9 9.7 17.9



#22

cis-1,2-Dichloroethene

Concen: 2.114 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017381.D

Acq: 07 Jul 2020 16:14

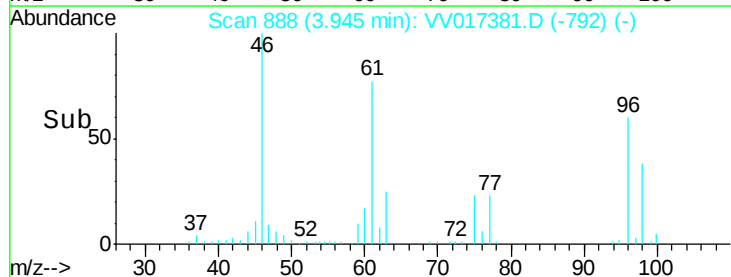
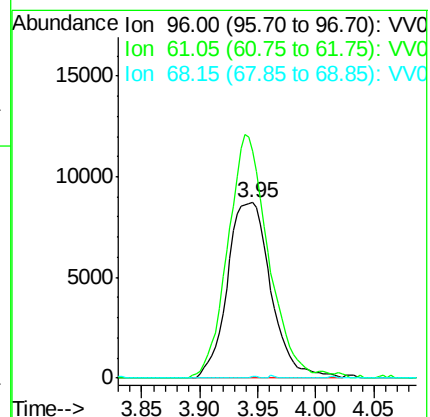
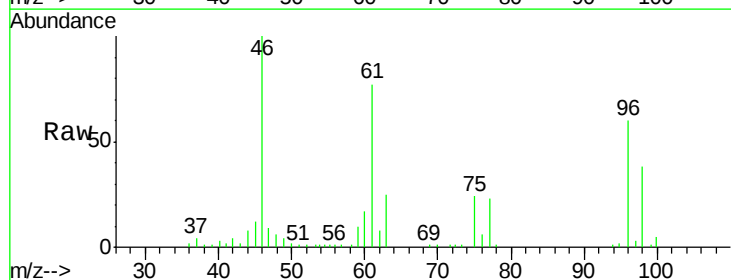
Tgt Ion: 96 Resp: 22731

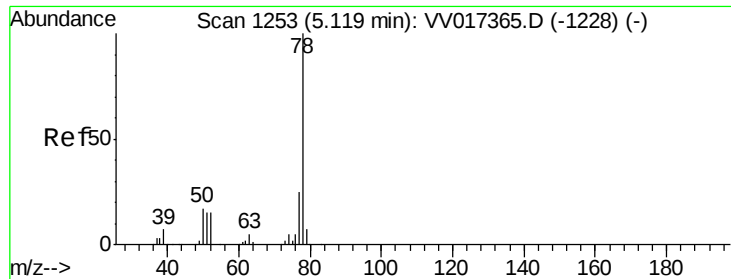
Ion Ratio Lower Upper

96 100

61 129.6 91.0 169.0

68 1.3 0.0 0.0#





#33

Benzene

Concen: 0.154 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV017381.D

Acq: 07 Jul 2020 16:14

Instrument :

MSVOA_V

ClientSampleId :

H4288DL

Tgt Ion: 78 Resp: 6044

