

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091518\
 Data File : VV007573.D
 Acq On : 15 Sep 2018 18:53
 Operator : SY/MD
 Sample : J4888-01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KT1

Quant Time: Sep 18 04:10:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 12:17:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113043	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	100717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52763	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25227	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.59	69	24466	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.14	63	49319	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	3.97	46	47499	57.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.34%
24) Chloroform-d	4.41	84	60708	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.09	65	30571	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	118637	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.13	67	35704	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.36	98	119187	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.67	79	14223	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.15	63	20524	40.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22356	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	51435	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

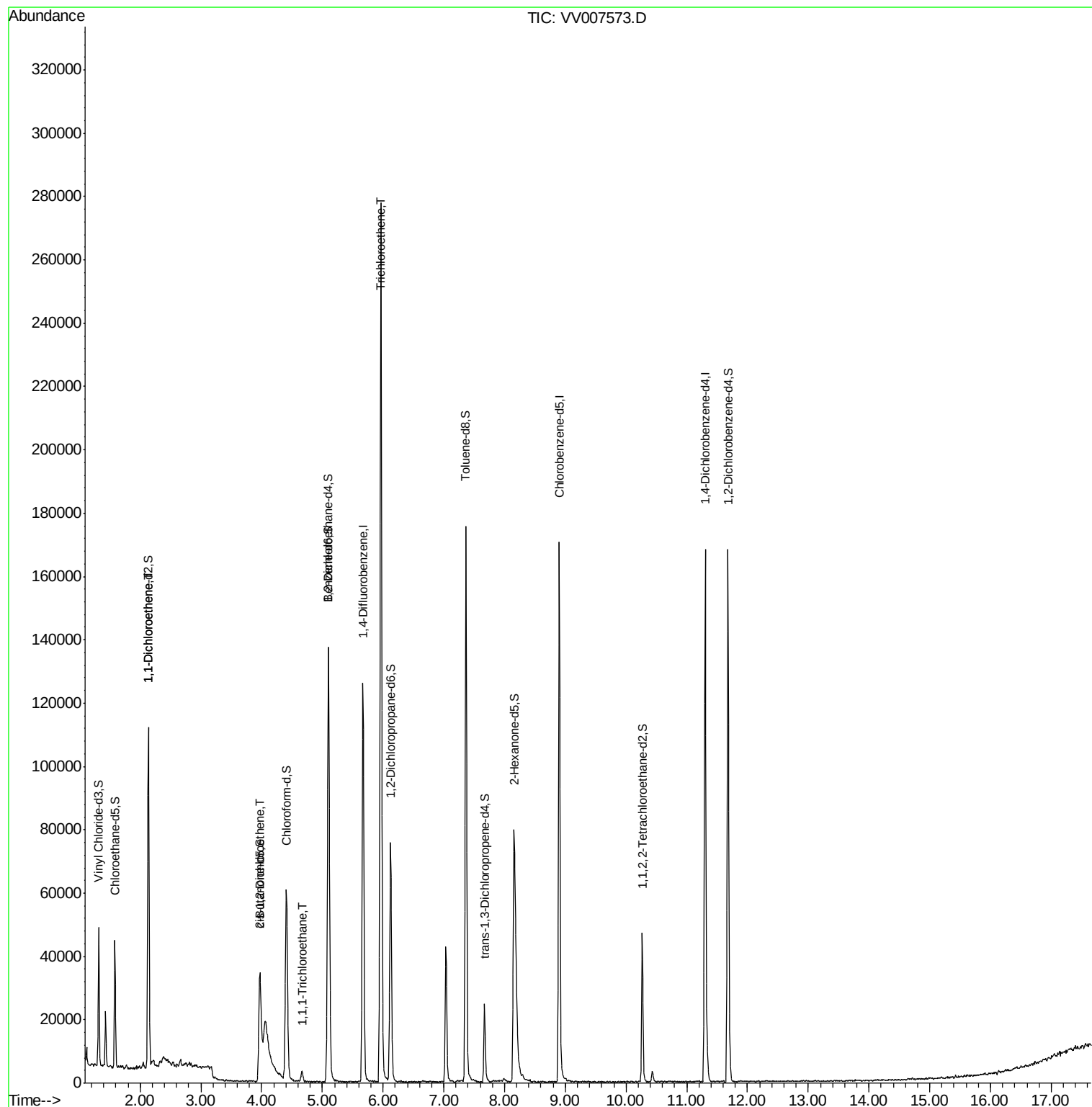
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	7420	1.293	ug/L	# 1
22) cis-1,2-Dichloroethene	3.97	96	9422	1.531	ug/L	90
29) 1,1,1-Trichloroethane	4.66	97	2887	0.295	ug/L	98
34) Trichloroethene	5.96	95	89918	14.097	ug/L	98

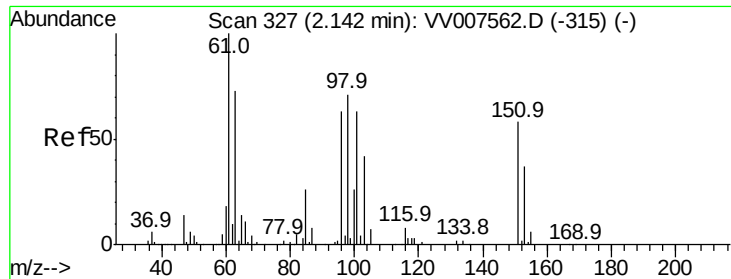
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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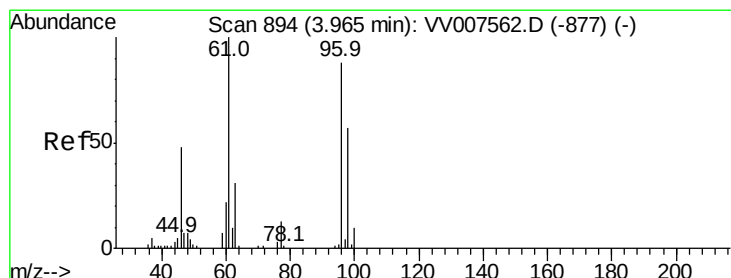
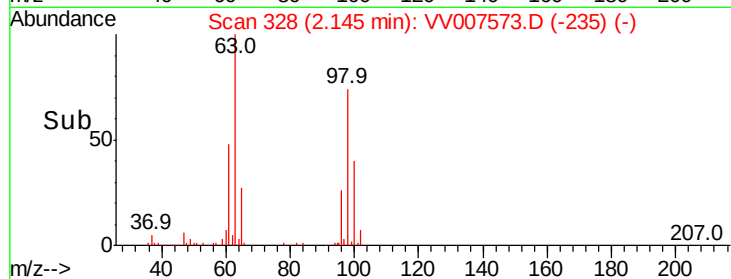
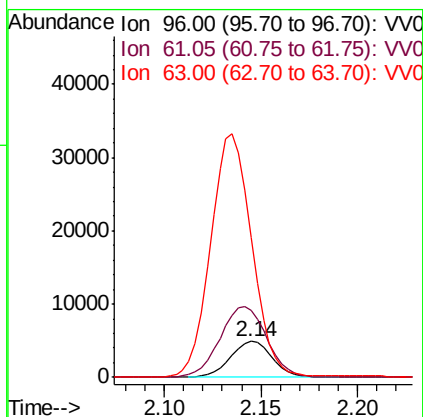
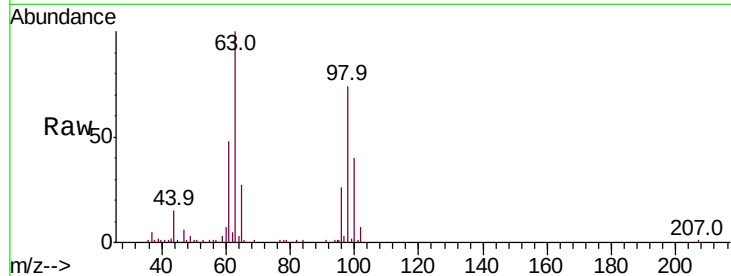




#12
 1,1-Dichloroethene
 Concen: 1.293 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV007573.D
 Acq: 15 Sep 2018 18:53

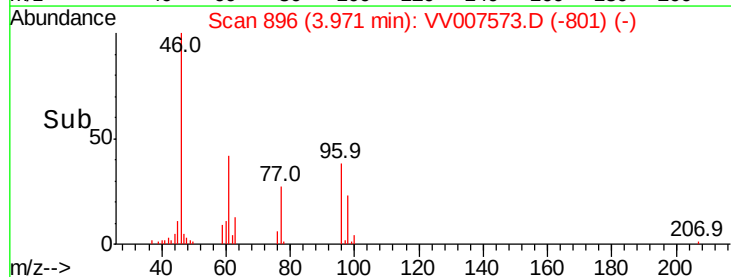
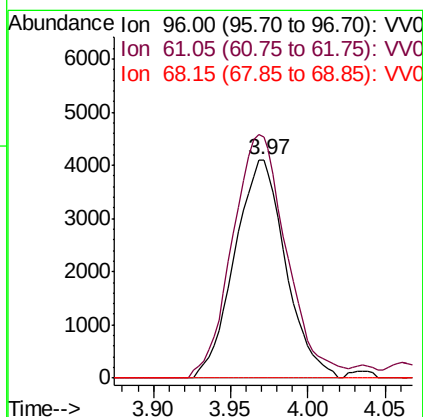
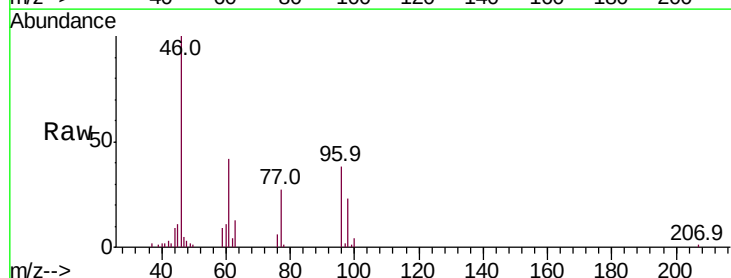
Instrument :
 MSVOA_V
 ClientSampled :
 C0KT1

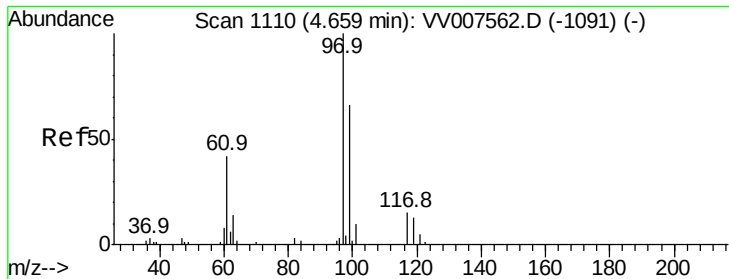
Tot Ion: 96 Resp: 7420
 Ion Ratio Lower Upper
 96 100
 61 188.5 114.8 213.2
 63 390.3 81.8 151.8#



#22
 cis-1,2-Dichloroethene
 Concen: 1.531 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: VV007573.D
 Acq: 15 Sep 2018 18:53

Tgt Ion: 96 Resp: 9422
 Ion Ratio Lower Upper
 96 100
 61 110.3 85.3 158.5
 68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.295 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VV007573.D

Acq: 15 Sep 2018 18:53

Instrument :

MSVOA_V

ClientSampleId :

C0KT1

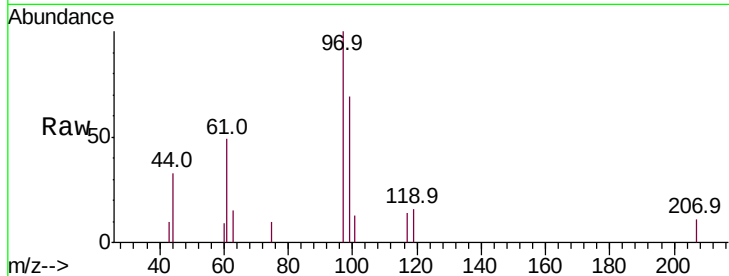
Tot Ion: 97 Resp: 2887

Ion Ratio Lower Upper

97 100

99 64.5 50.7 76.1

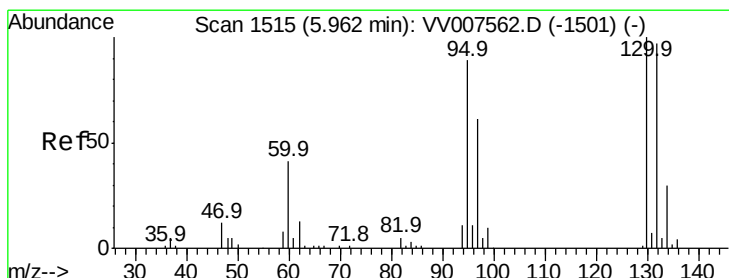
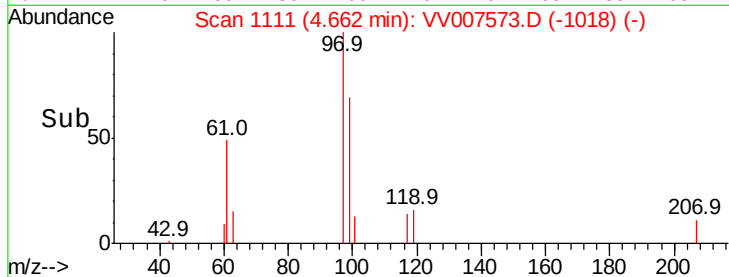
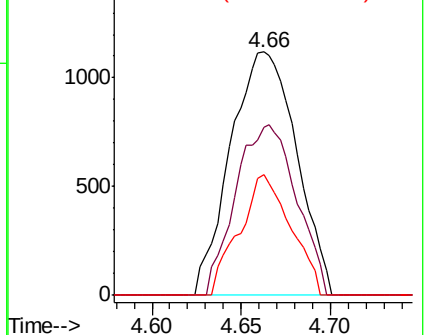
61 38.7 32.5 48.7



Abundance Ion 96.95 (96.65 to 97.65): VV007562.D (-1091) (-)

Ion 99.05 (98.75 to 99.75): VV007562.D (-1091) (-)

Ion 61.05 (60.75 to 61.75): VV007562.D (-1091) (-)



#34

Trichloroethene

Concen: 14.097 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007573.D

Acq: 15 Sep 2018 18:53

Tgt Ion: 95 Resp: 89918

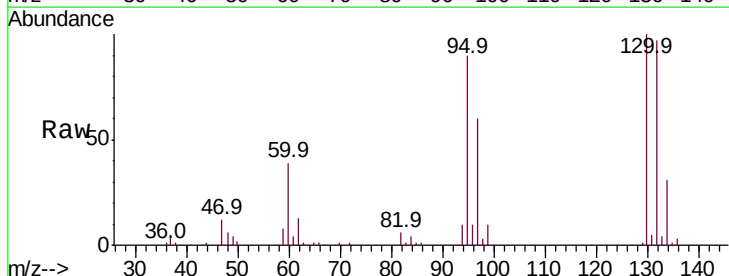
Ion Ratio Lower Upper

95 100

97 66.5 45.5 84.5

132 108.3 74.9 139.1

130 111.6 80.0 148.6



Abundance Ion 95.00 (94.70 to 95.70): VV007562.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV007562.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV007562.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV007562.D (-1501) (-)

