

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006942.D
 Acq On : 08 Aug 2018 18:58
 Operator : SY/MD
 Sample : J4357-16DL 40X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT4DL

Quant Time: Aug 09 07:56:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 07:05:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	200974	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76815	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52895	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	55373	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	82798	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.98	46	248237	64.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.12%
24) Chloroform-d	4.41	84	140714	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.09	65	77365	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.10	84	257424	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.12	67	93913	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.37	98	186941	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.67	79	28052	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.15	63	130108	54.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74572	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	68560	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

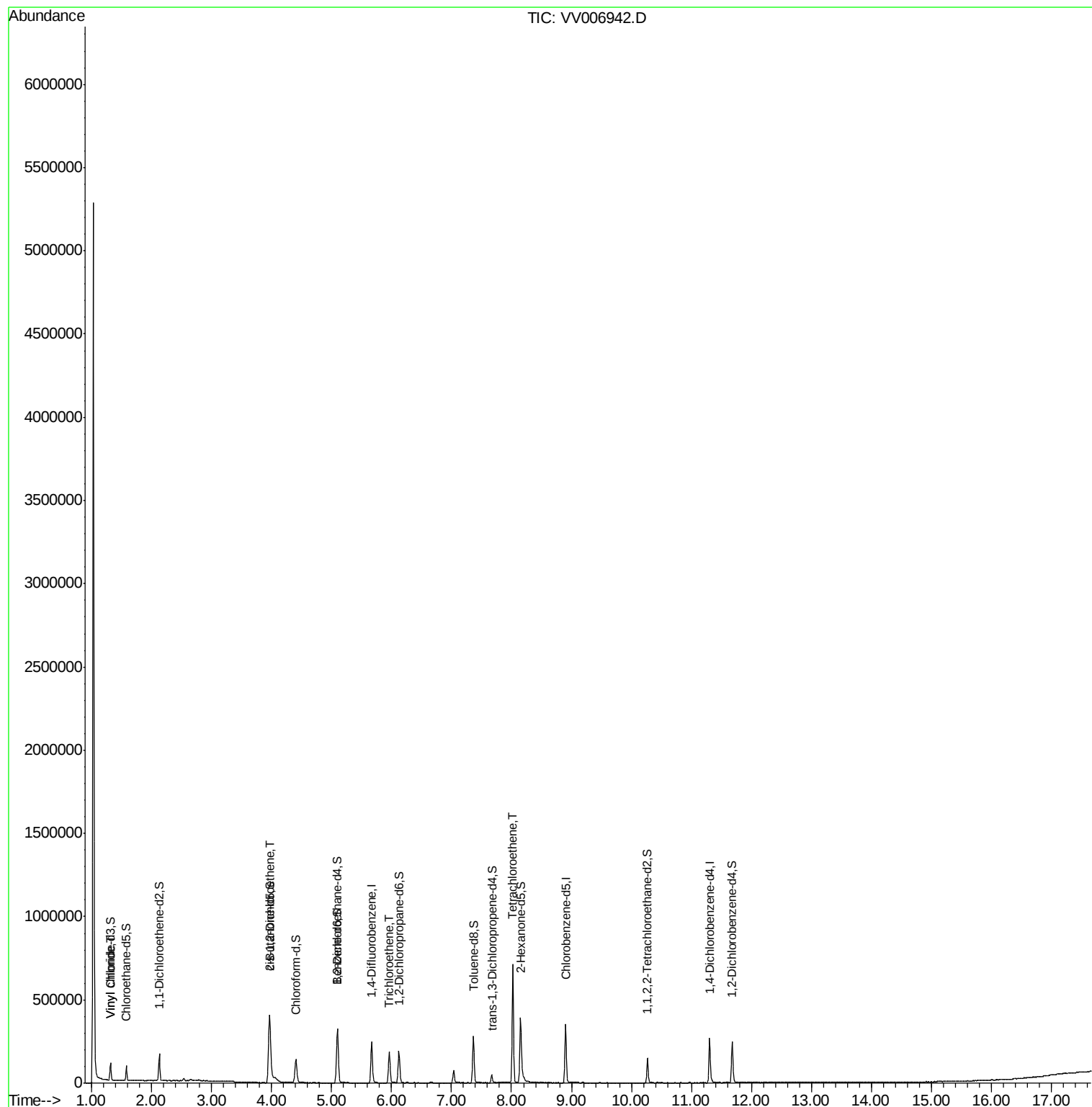
					Ovalue
5) Vinyl chloride	1.32	62	17824	0.94	ug/L 89
22) cis-1,2-Dichloroethene	3.96	96	160439	11.11	ug/L 98
34) Trichloroethene	5.96	95	64786	4.56	ug/L 96
47) Tetrachloroethene	8.02	164	157707	14.57	ug/L 97

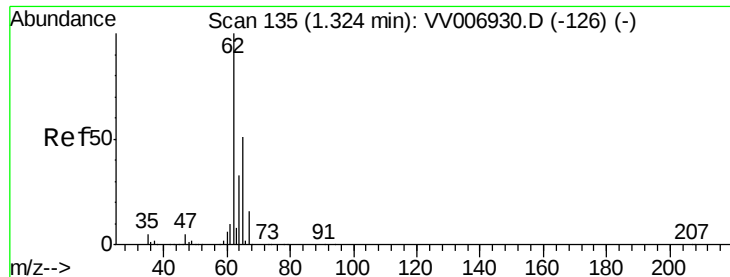
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.94 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006942.D

Acq: 08 Aug 2018 18:58

Instrument :

MSVOA_V

ClientSampleId :

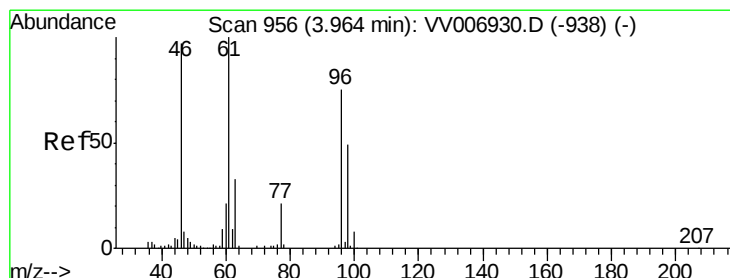
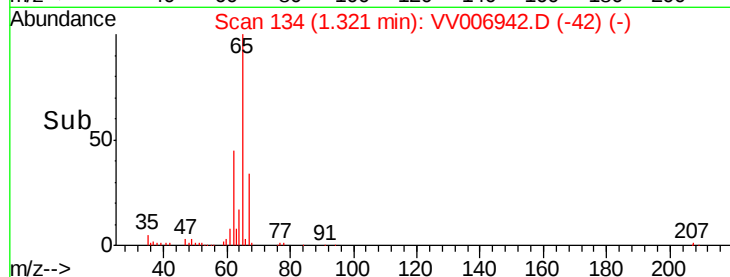
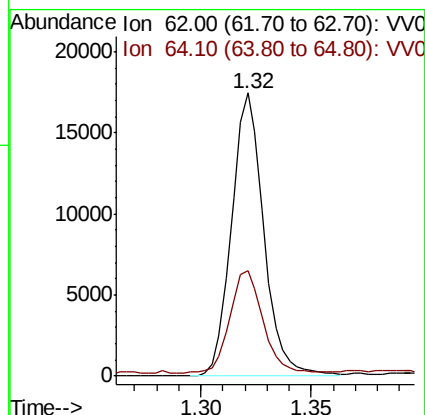
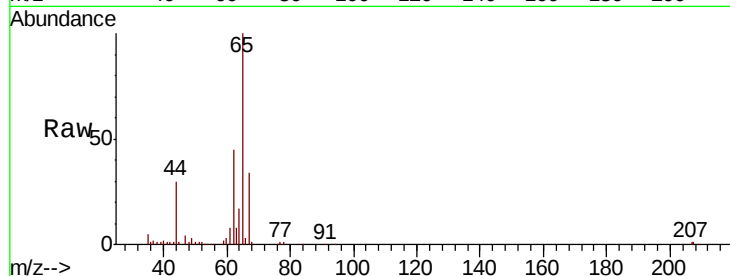
ESWT4DL

Tot Ion: 62 Resp: 17824

Ion Ratio Lower Upper

62 100

64 37.4 22.1 41.1



#22

cis-1,2-Dichloroethene

Concen: 11.11 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006942.D

Acq: 08 Aug 2018 18:58

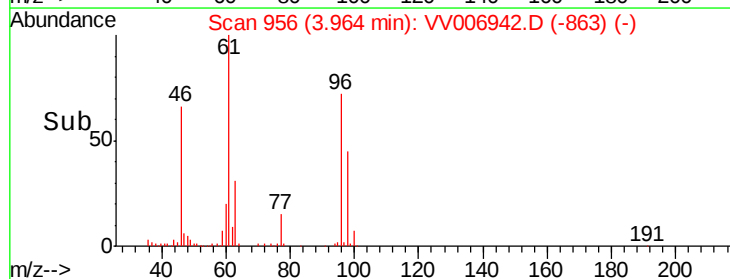
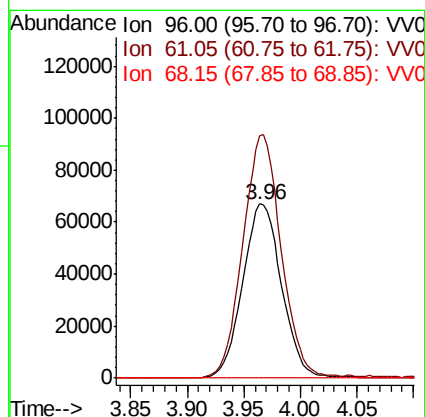
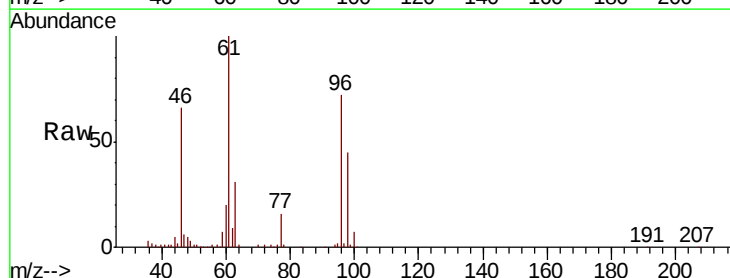
Tgt Ion: 96 Resp: 160439

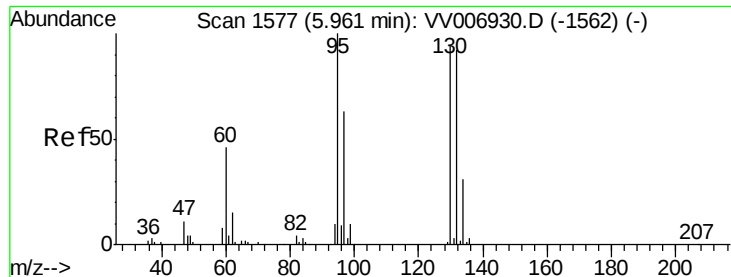
Ion Ratio Lower Upper

96 100

61 139.1 95.5 177.4

68 0.0 0.0 0.0

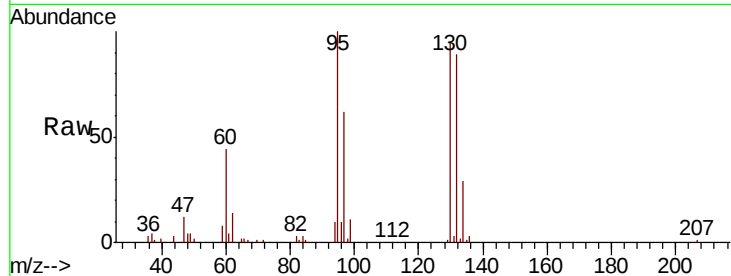




#34
 Trichloroethene
 Concen: 4.56 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006942.D
 Acq: 08 Aug 2018 18:58

Instrument :
 MSVOA_V
 ClientSampled :
 ESWT4DL

Tot Ion:	95	Resp:	64786
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.4	82.4
132	89.4	65.6	121.8
130	94.7	68.8	127.8



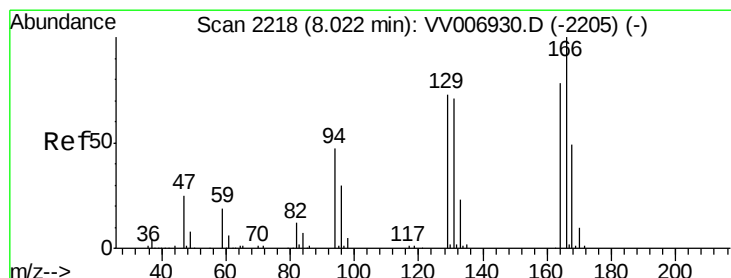
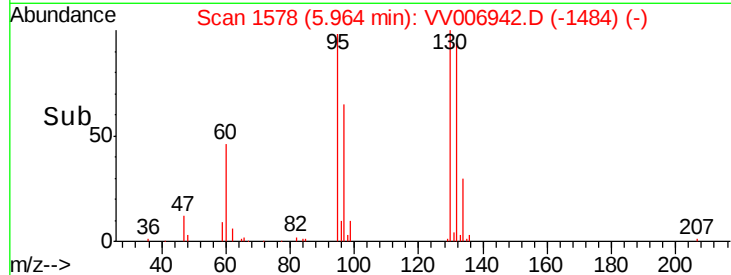
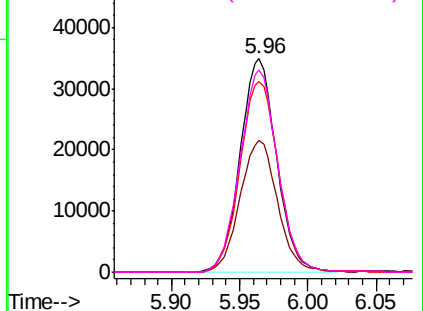
Abundance

Ion 95.00 (94.70 to 95.70): VV006942.D (-1562) (-)

Ion 96.95 (96.65 to 97.65): VV006942.D (-1562) (-)

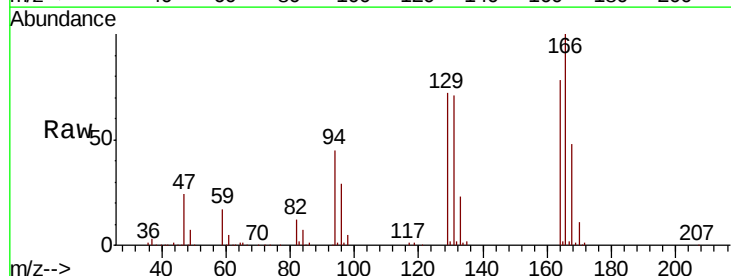
Ion 131.95 (131.65 to 132.65): VV006942.D (-1562) (-)

Ion 129.95 (129.65 to 130.65): VV006942.D (-1562) (-)



#47
 Tetrachloroethene
 Concen: 14.57 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006942.D
 Acq: 08 Aug 2018 18:58

Tgt Ion:	164	Resp:	157707
Ion	Ratio	Lower	Upper
164	100		
129	93.2	63.1	117.3
131	90.8	62.3	115.7
166	128.8	87.4	162.4



Abundance

Ion 163.90 (163.60 to 164.60): VV006942.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VV006942.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VV006942.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VV006942.D (-2205) (-)

