

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016694.D
 Acq On : 09 Jun 2020 05:17
 Operator : SY/MD
 Sample : L2901-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS6

Quant Time: Jun 09 05:37:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:40:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	330964	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	315069	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148788	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92588	39.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.30%
7) Chloroethane-d5	1.56	69	70565	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.72%
11) 1,1-Dichloroethene-d2	2.12	63	135145	34.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.92%
21) 2-Butanone-d5	3.89	46	173475	100.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.36%
24) Chloroform-d	4.37	84	223489	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	5.05	65	157123	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.07	84	428862	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
36) 1,2-Dichloropropane-d6	6.09	67	137532	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.16%
41) Toluene-d8	7.34	98	389496	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%
43) trans-1,3-Dichloropropene-	7.64	79	60016	40.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.40%
47) 2-Hexanone-d5	8.11	63	111722	90.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	180808	48.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	164116	51.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.38%

Target Compounds

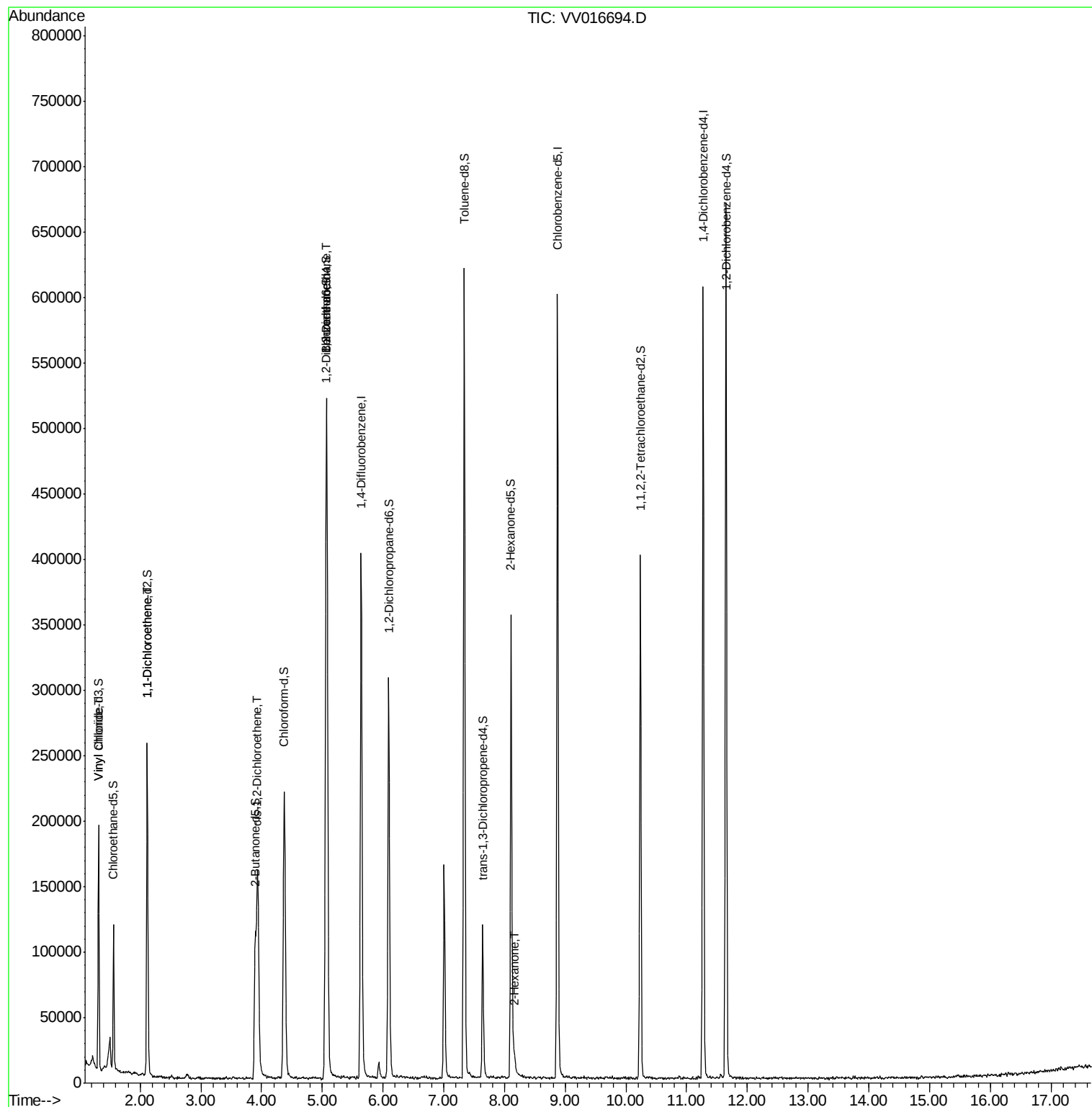
					Ovalue
5) Vinyl chloride	1.32	62	21478	9.102	ug/L 86
12) 1,1-Dichloroethene	2.12	96	1194	0.727	ug/L # 1
20) cis-1,2-Dichloroethene	3.94	96	79361	32.502	ug/L 100
27) 1,2-Dichloroethane	5.07	62	2914	0.802	ug/L 97
48) 2-Hexanone	8.17	43	9695	3.640	ug/L # 74

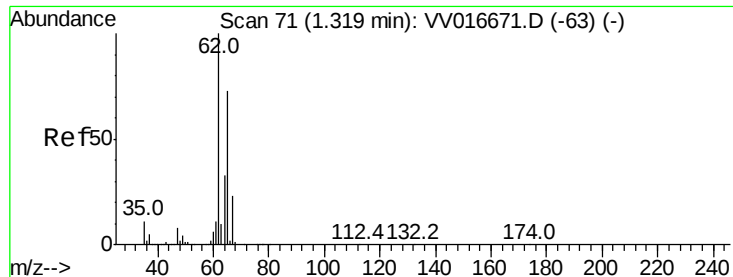
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 9.102 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016694.D

Acq: 09 Jun 2020 05:17

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MSVOA_V

ClientSampleId :

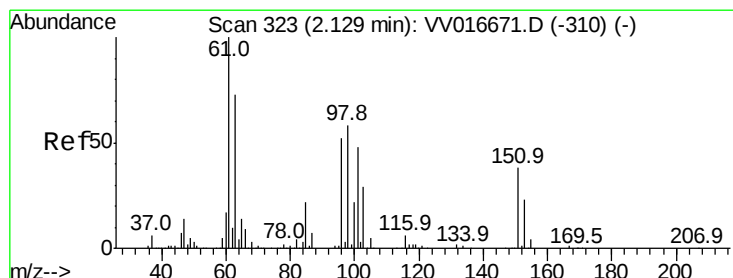
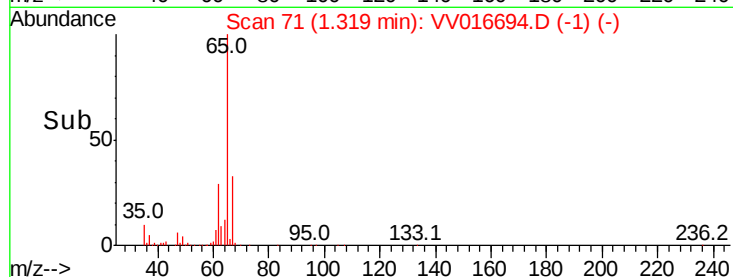
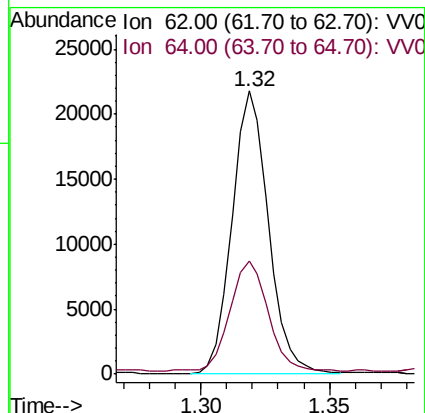
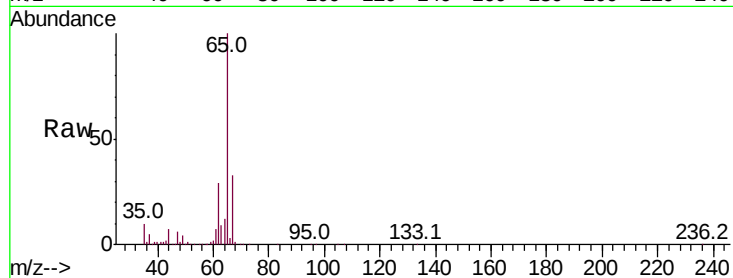
ETTS6

Tot Ion: 62 Resp: 21478

Ion Ratio Lower Upper

62 100

64 39.9 22.3 41.5



#12

1,1-Dichloroethene

Concen: 0.727 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016694.D

Acq: 09 Jun 2020 05:17

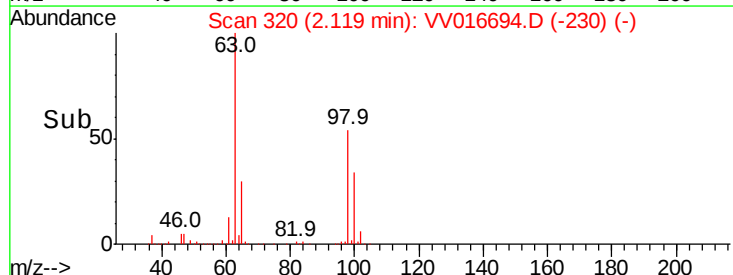
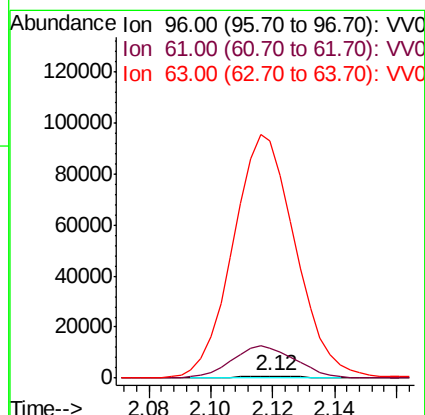
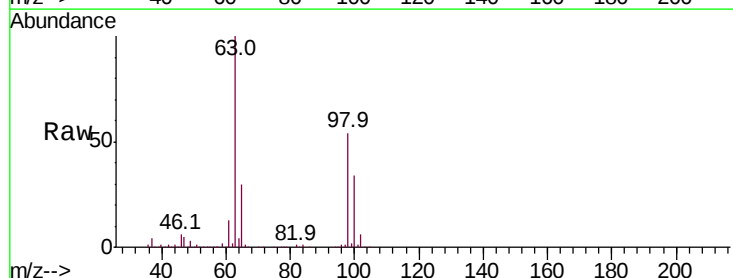
Tgt Ion: 96 Resp: 1194

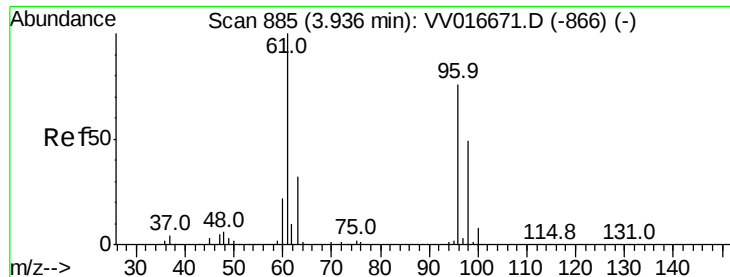
Ion Ratio Lower Upper

96 100

61 1683.5 130.4 242.2#

63 13100.6 103.3 191.9#

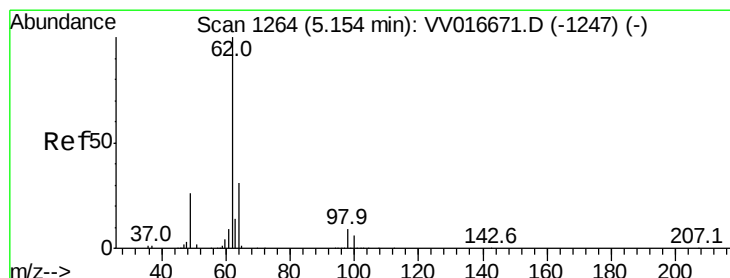
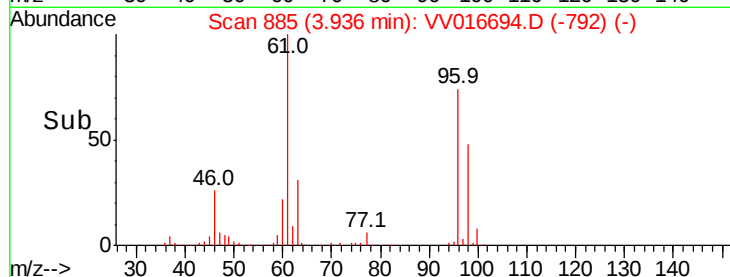
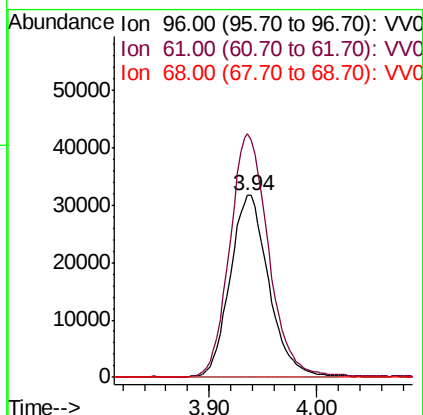
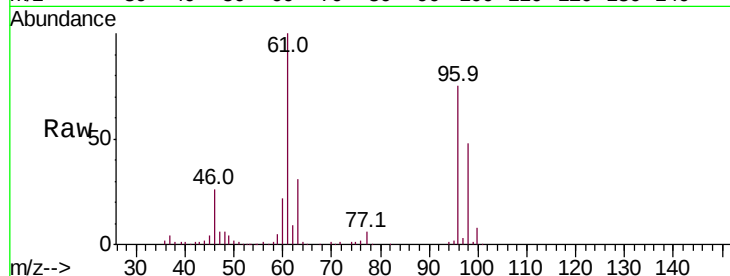




#20
 cis-1,2-Dichloroethene
 Concen: 32.502 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016694.D
 Acq: 09 Jun 2020 05:17

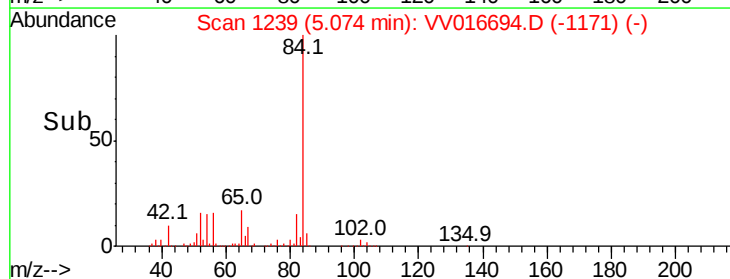
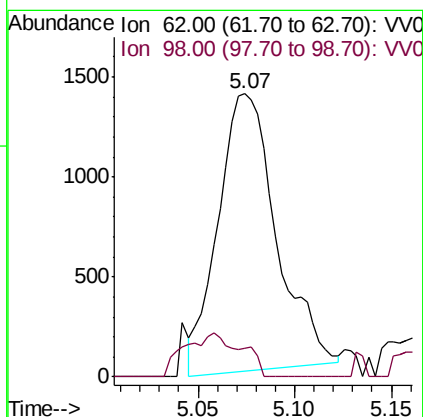
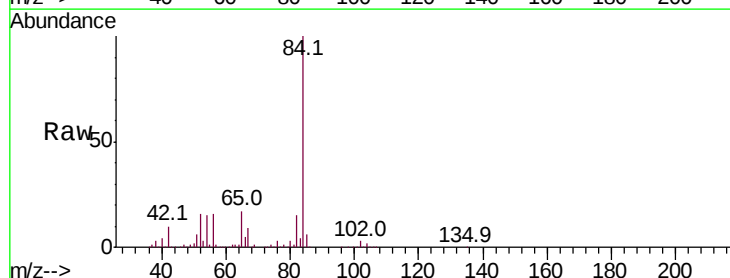
Instrument :
 MSVOA_V
 ClientSampled :
 ETTS6

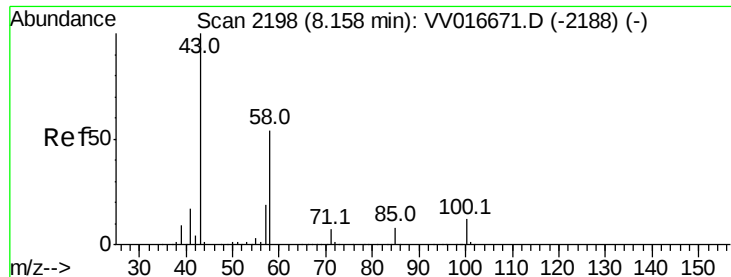
Tot Ion: 96 Resp: 79361
 Ion Ratio Lower Upper
 96 100
 61 133.8 93.4 173.4
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.802 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016694.D
 Acq: 09 Jun 2020 05:17

Tgt Ion: 62 Resp: 2914
 Ion Ratio Lower Upper
 62 100
 98 10.3 7.4 11.2





#48
 2-Hexanone
 Concen: 3.640 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV016694.D
 Acq: 09 Jun 2020 05:17

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS6

Tot Ion:	43	Resp:	9695
Ion	Ratio	Lower	Upper
43	100		
58	28.9	43.1	64.7#
57	15.1	15.3	22.9#
100	6.5	10.0	15.0#

