

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016724.D
 Acq On : 09 Jun 2020 18:01
 Operator : SY/MD
 Sample : L2901-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTY5

Quant Time: Jun 10 03:45:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352175	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336032	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162787	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	80373	32.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.68%
7) Chloroethane-d5	1.56	69	61914	41.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.04%
11) 1,1-Dichloroethene-d2	2.12	63	130190	31.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.40%
21) 2-Butanone-d5	3.90	46	181981	98.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.94%
24) Chloroform-d	4.37	84	211209	41.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.05	65	152116	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
32) Benzene-d6	5.07	84	402326	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.06%
36) 1,2-Dichloropropane-d6	6.09	67	129990	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.10%
41) Toluene-d8	7.34	98	361795	40.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.64	79	62075	39.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.94%
47) 2-Hexanone-d5	8.11	63	120866	91.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186352	46.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	166035	47.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.58%

Target Compounds

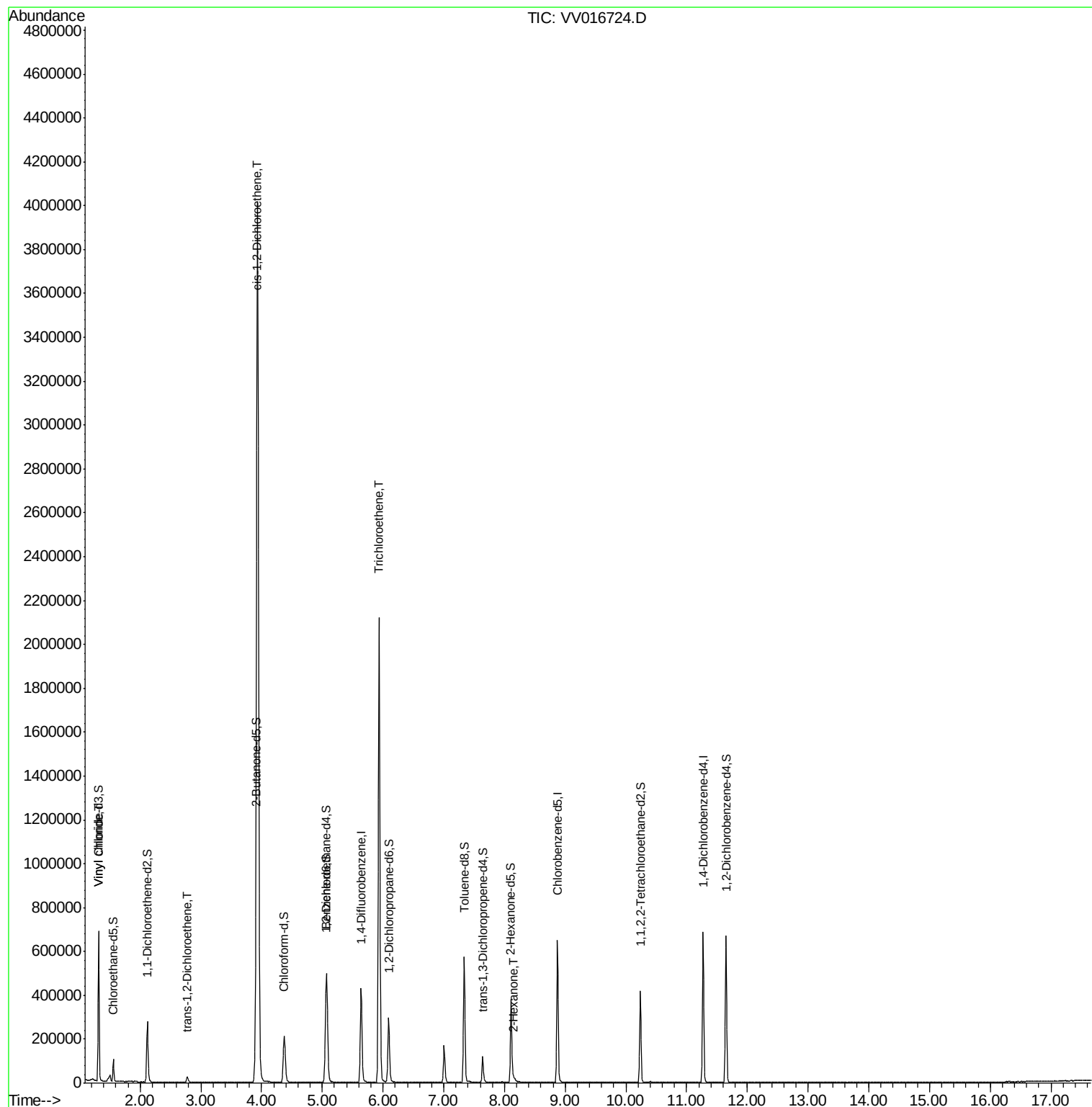
					Ovalue
5) Vinyl chloride	1.32	62	338119	134.658	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	10124	4.248	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	2188570	842.343	ug/L 98
34) Trichloroethene	5.94	95	702806	263.572	ug/L 98
48) 2-Hexanone	8.16	43	9050	3.186	ug/L # 51

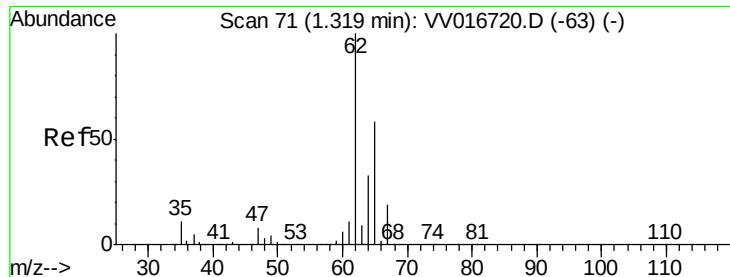
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 134.658 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016724.D

Acq: 09 Jun 2020 18:01

Instrument :

MSVOA_V

ClientSampleId :

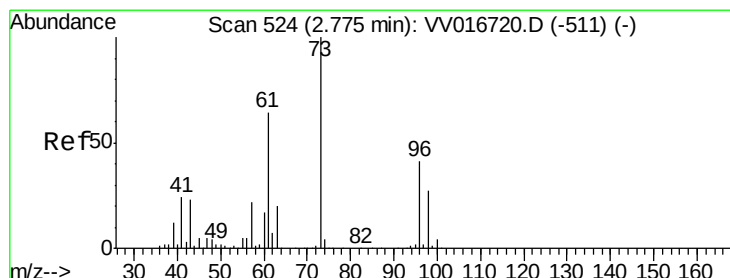
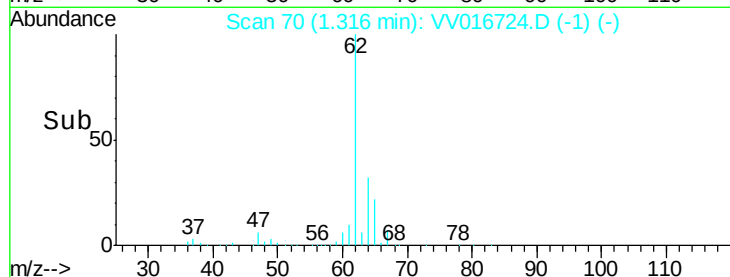
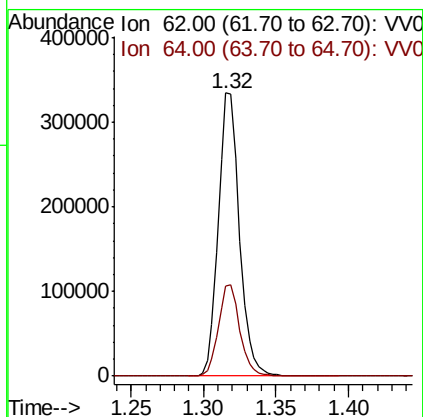
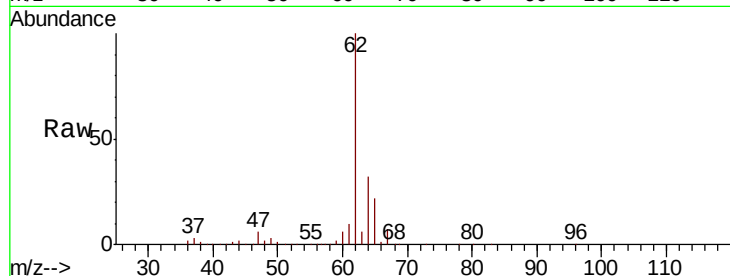
ETTY5

Tot Ion: 62 Resp: 338119

Ion Ratio Lower Upper

62 100

64 32.0 22.3 41.5



#17

trans-1,2-Dichloroethene

Concen: 4.248 ug/L

RT: 2.78 min Scan# 524

Delta R.T. 0.00 min

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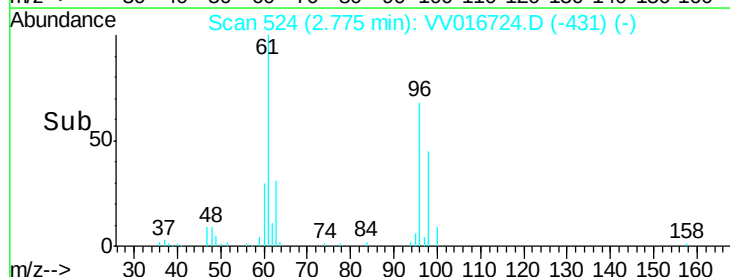
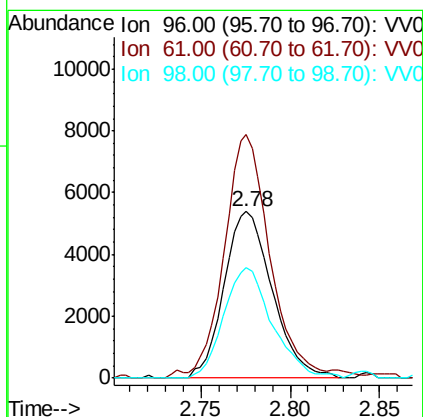
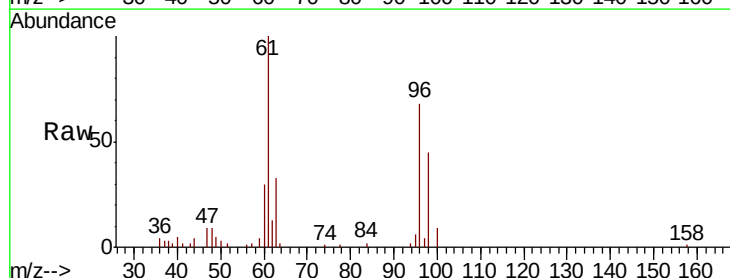
Tgt Ion: 96 Resp: 10124

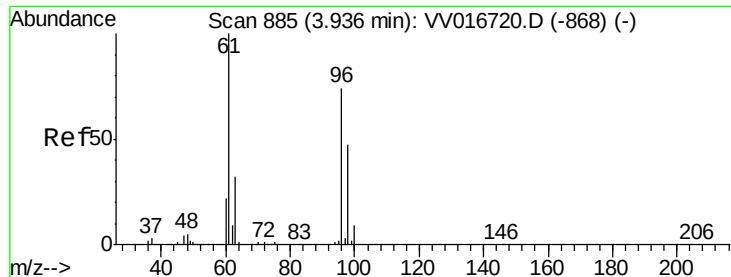
Ion Ratio Lower Upper

96 100

61 146.2 102.9 191.1

98 66.3 45.5 84.5

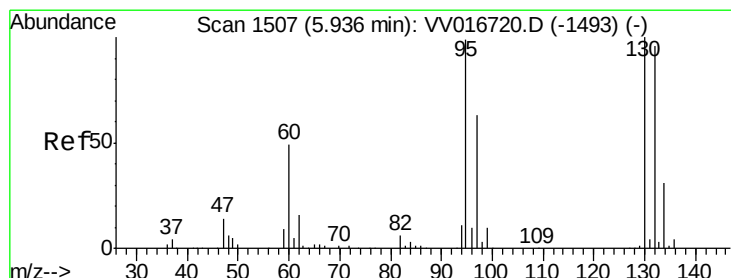
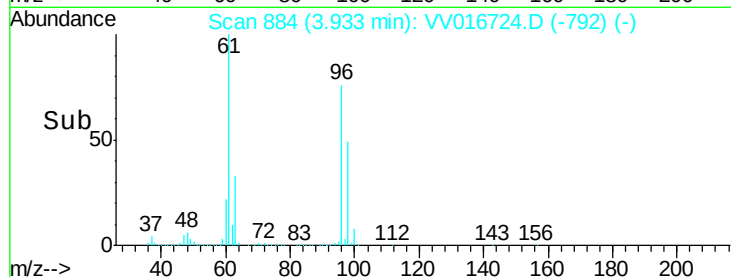
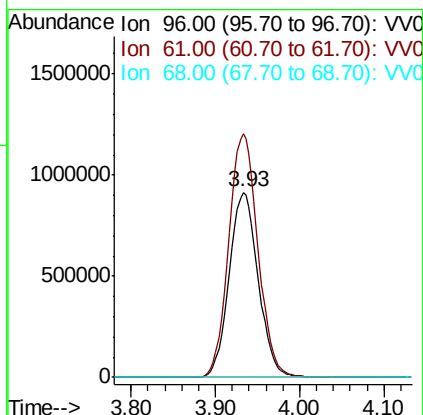
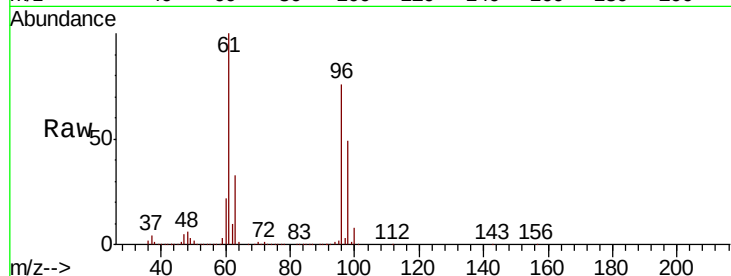




#20
 cis-1,2-Dichloroethene
 Concen: 842.343 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: VV016724.D
 Acq: 09 Jun 2020 18:01

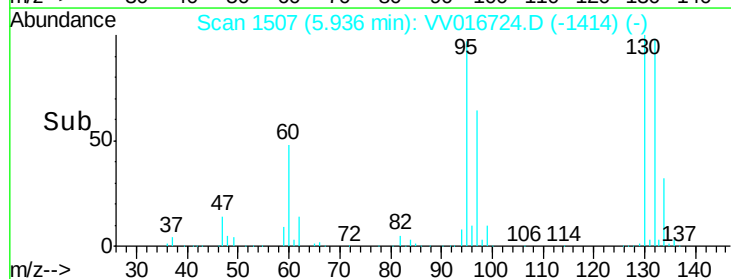
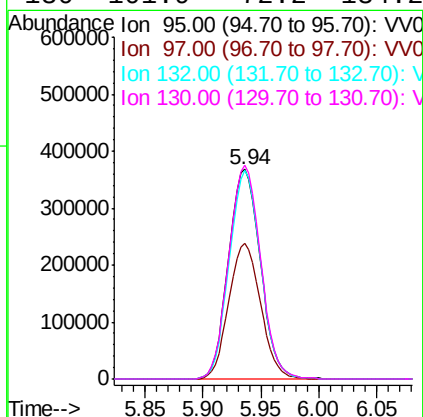
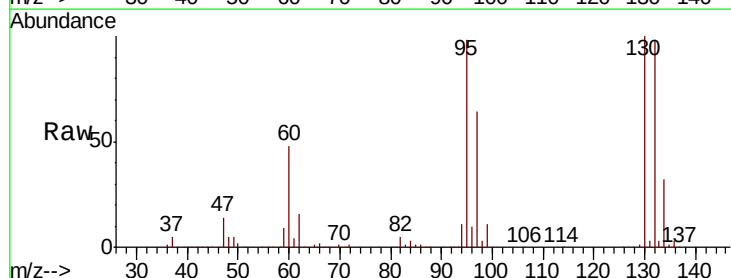
Instrument :
 MSVOA_V
 ClientSampled :
 ETTY5

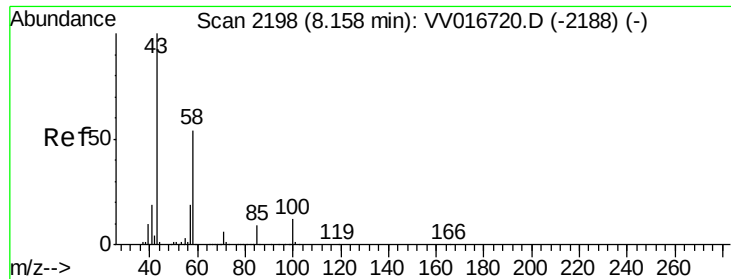
Tot Ion: 96 Resp: 2188570
 Ion Ratio Lower Upper
 96 100
 61 131.5 93.4 173.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 263.572 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV016724.D
 Acq: 09 Jun 2020 18:01

Tgt Ion: 95 Resp: 702806
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.3 82.3
 132 99.4 67.9 126.1
 130 101.9 72.2 134.2





#48
 2-Hexanone
 Concen: 3.186 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV016724.D
 Acq: 09 Jun 2020 18:01

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTY5

Tot Ion: 43 Resp: 9050
 Ion Ratio Lower Upper
 43 100
 58 13.5 43.1 64.7#
 57 0.0 15.3 22.9#
 100 2.2 10.0 15.0#

