

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015735.D
 Acq On : 27 Apr 2020 17:33
 Operator : SY/MD
 Sample : L2413-10DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKL8DL

Quant Time: Apr 28 06:29:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134148	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61471	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25834	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.58	69	28701	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.12	63	45961	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.93	46	119898	53.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.52%
24) Chloroform-d	4.38	84	77183	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.06	65	46232	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.08	84	143544	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.09	67	47100	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.34	98	129769	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.65	79	14332	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.11	63	85832	45.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35805	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	50710	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

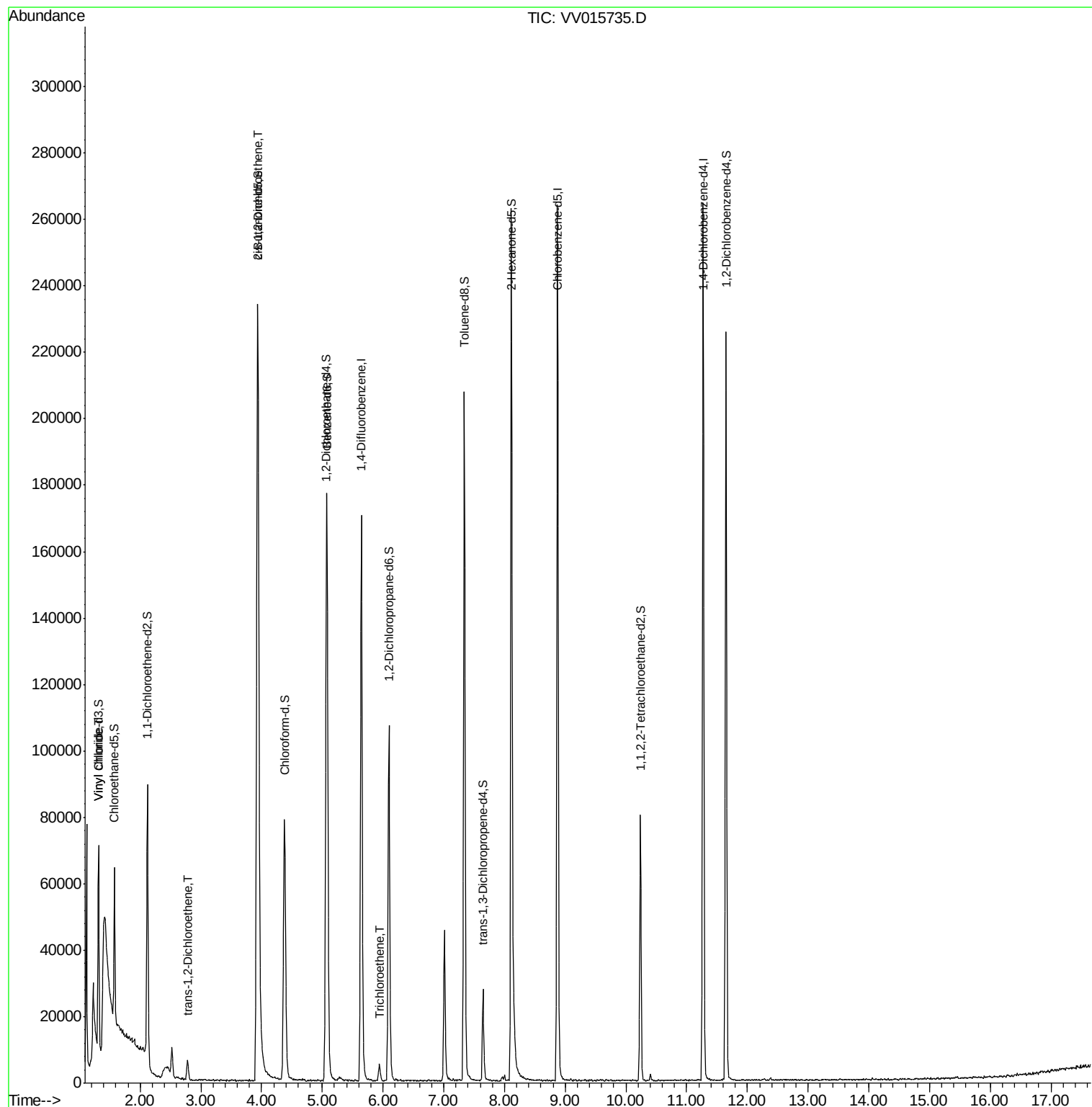
					Ovalue
5) Vinyl chloride	1.32	62	9139	0.861 ug/L #	44
18) trans-1,2-Dichloroethene	2.78	96	1927	0.220 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	93176	9.640 ug/L	99
34) Trichloroethene	5.94	95	1213	0.118 ug/L #	79

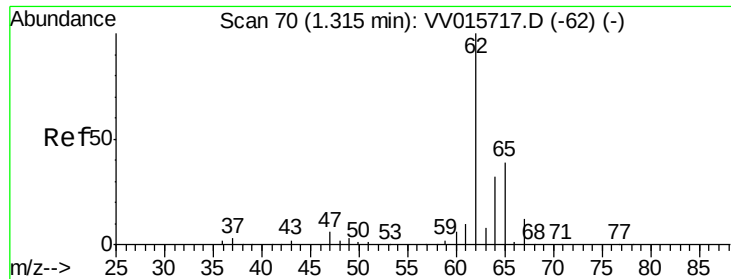
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.861 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

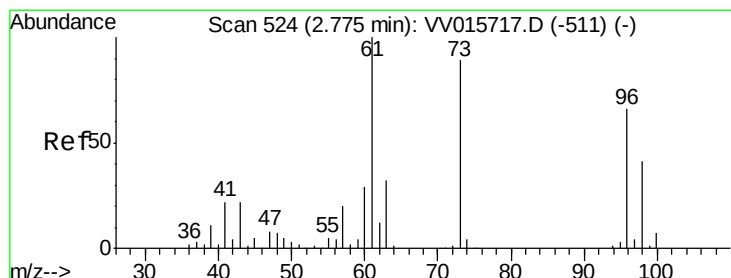
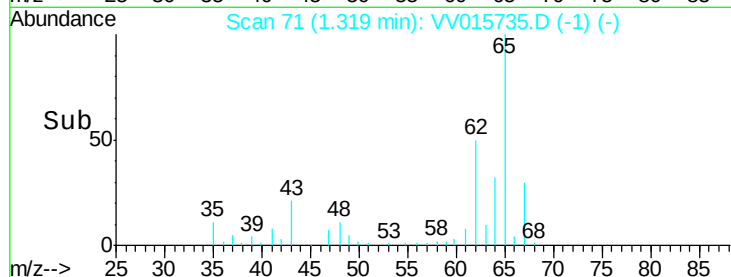
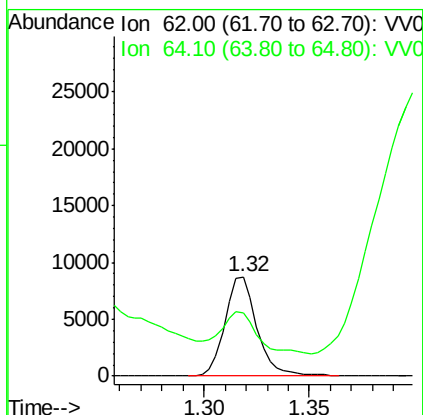
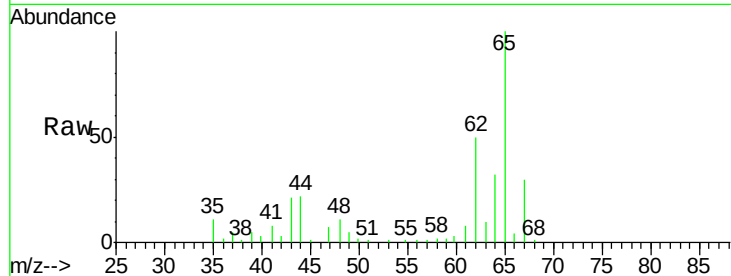
ETKL8DL

Tot Ion: 62 Resp: 9139

Ion Ratio Lower Upper

62 100

64 64.0 22.7 42.1#



#18

trans-1,2-Dichloroethene

Concen: 0.220 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

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Acq: 27 Apr 2020 17:33

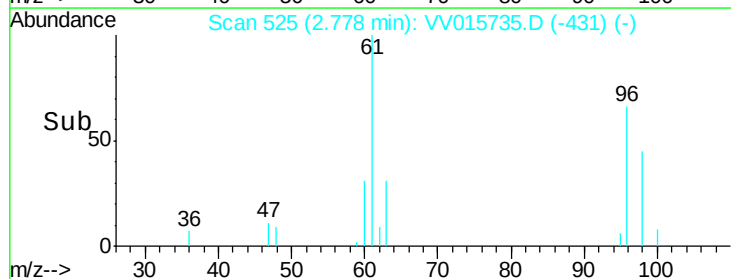
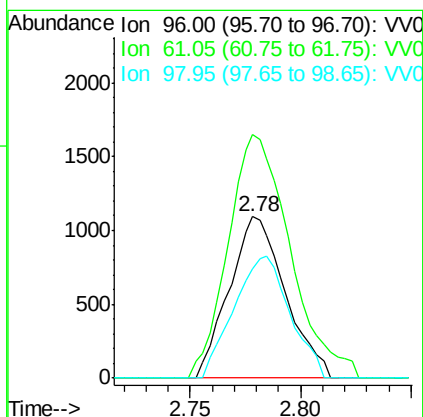
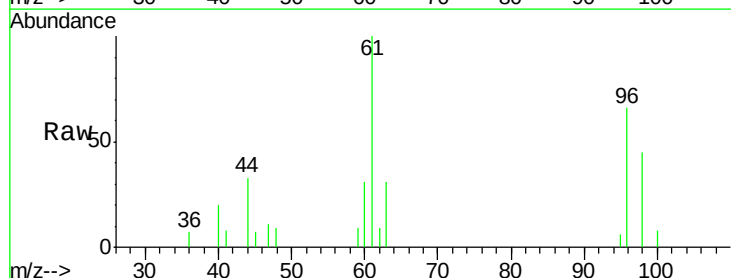
Tgt Ion: 96 Resp: 1927

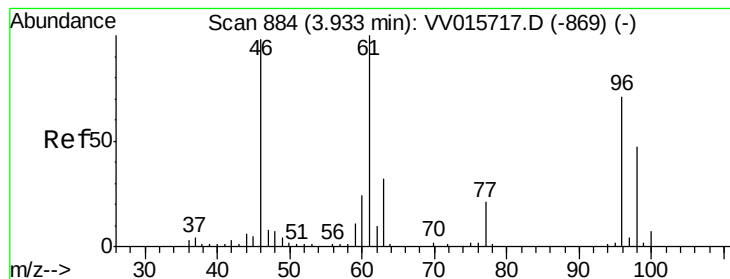
Ion Ratio Lower Upper

96 100

61 150.9 105.5 195.9

98 67.9 44.2 82.0





#22

cis-1,2-Dichloroethene

Concen: 9.640 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV015735.D

Acq: 27 Apr 2020 17:33

Instrument :

MSVOA_V

ClientSampleId :

ETKL8DL

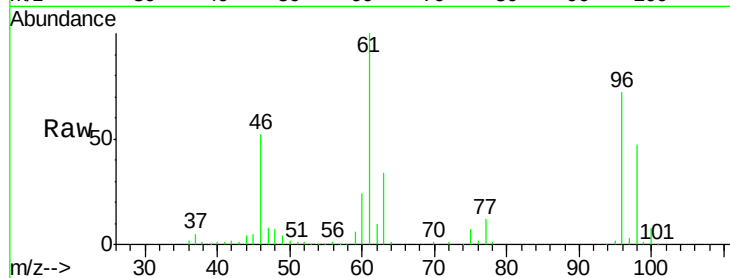
Tot Ion: 96 Resp: 93176

Ion Ratio Lower Upper

96 100

61 138.5 96.4 179.0

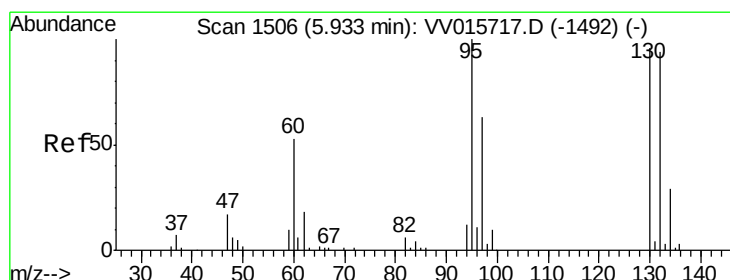
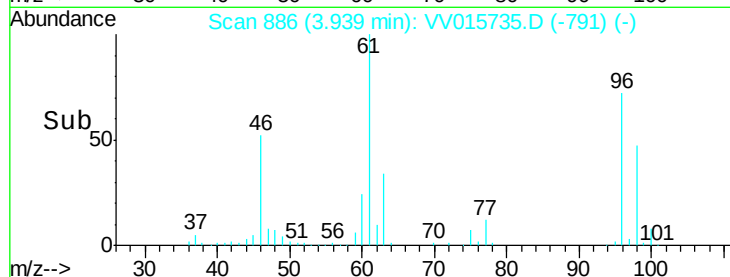
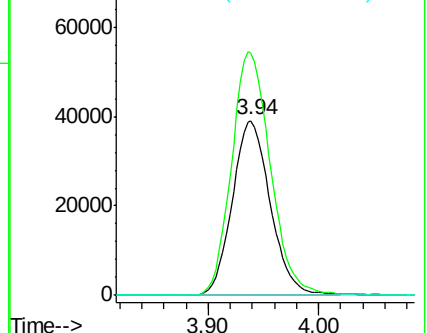
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015717.D (-869) (-)

Ion 61.05 (60.75 to 61.75): VV015717.D (-869) (-)

Ion 68.15 (67.85 to 68.85): VV015717.D (-869) (-)



#34

Trichloroethene

Concen: 0.118 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015735.D

Acq: 27 Apr 2020 17:33

Tgt Ion: 95 Resp: 1213

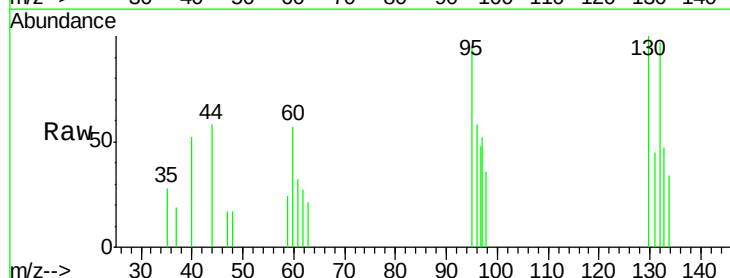
Ion Ratio Lower Upper

95 100

97 104.4 44.7 82.9#

132 102.0 65.2 121.0

130 104.9 65.0 120.6



Abundance Ion 95.00 (94.70 to 95.70): VV015717.D (-1492) (-)

Ion 96.95 (96.65 to 97.65): VV015717.D (-1492) (-)

Ion 131.95 (131.65 to 132.65): VV015717.D (-1492) (-)

Ion 129.95 (129.65 to 130.65): VV015717.D (-1492) (-)

