

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015739.D
 Acq On : 27 Apr 2020 19:07
 Operator : SY/MD
 Sample : L2413-14DL 400X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM3DL

Quant Time: Apr 28 07:11:57 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	120690	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	116340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54249	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	24691	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	27649	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.12	63	43031	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.94	46	117565	58.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.10%
24) Chloroform-d	4.38	84	69116	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	44912	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.07	84	137252	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.10	67	46078	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	121417	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.65	79	14275	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.11	63	83734	50.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34153	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	49338	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

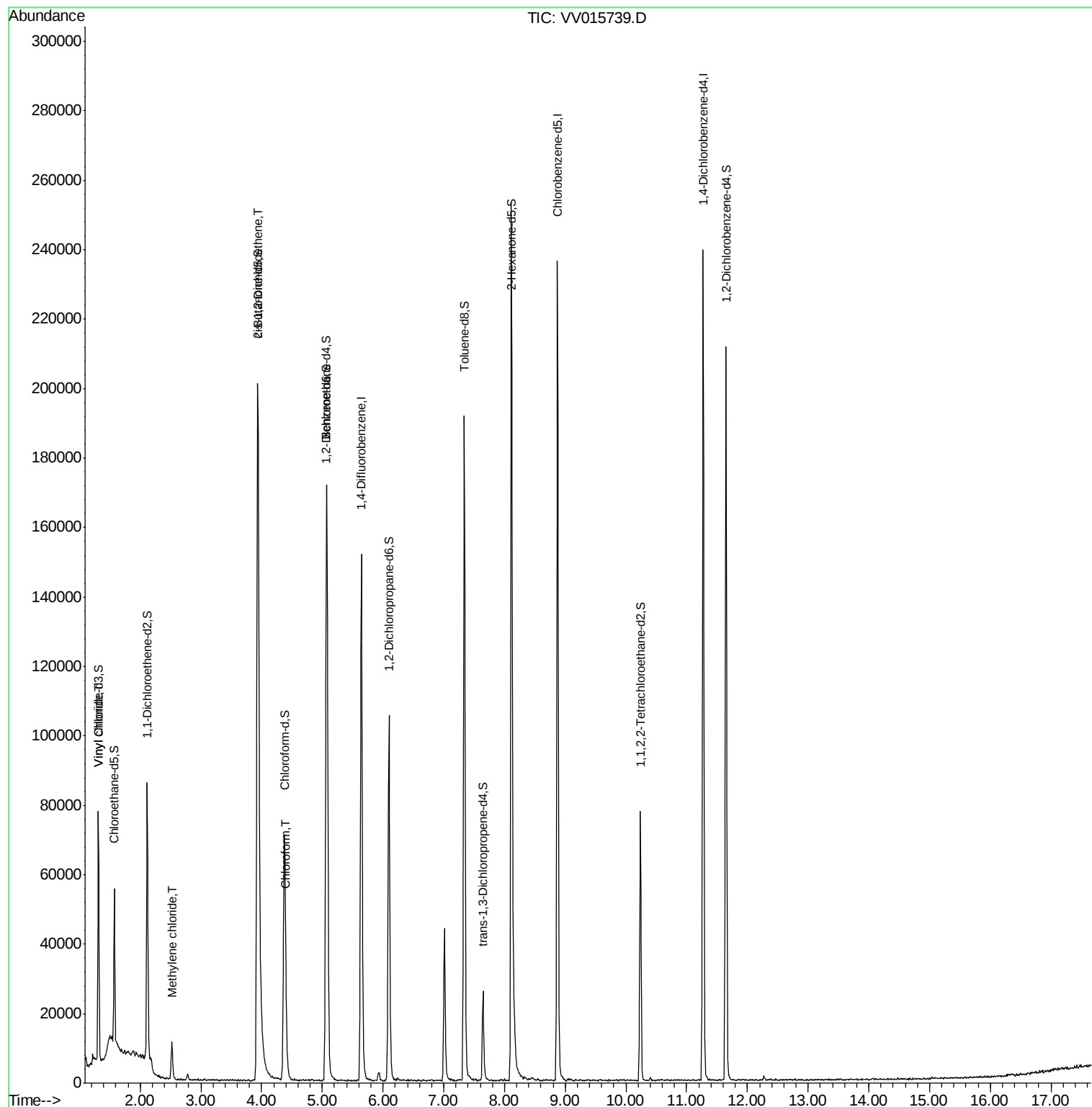
					Ovalue
5) Vinyl chloride	1.32	62	19655	2.058	ug/L 94
16) Methylene chloride	2.52	84	4017	0.463	ug/L 96
22) cis-1,2-Dichloroethene	3.94	96	82511	9.488	ug/L 98
25) Chloroform	4.41	83	8133	0.496	ug/L 100

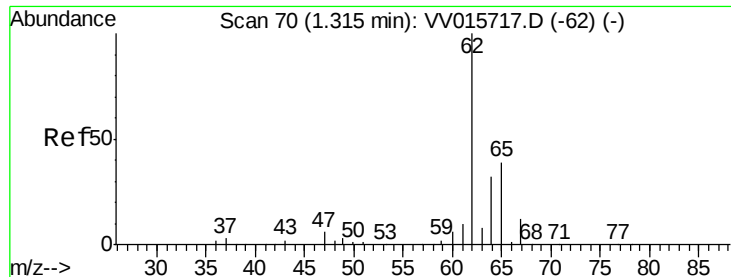
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.058 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

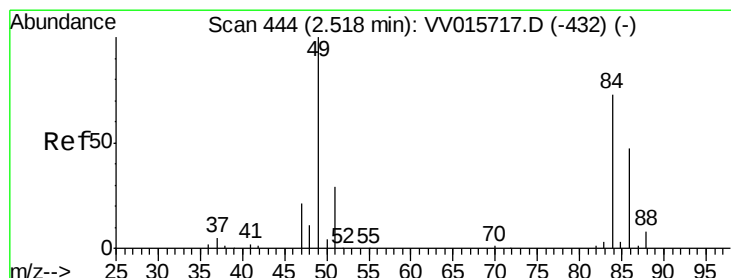
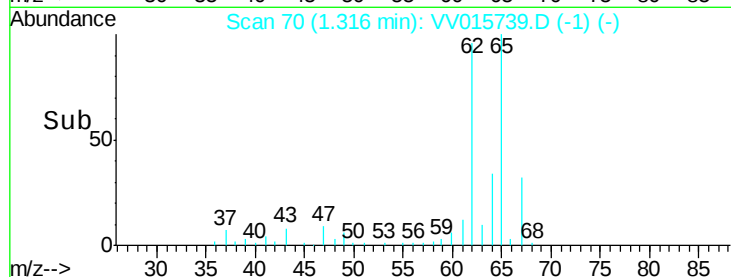
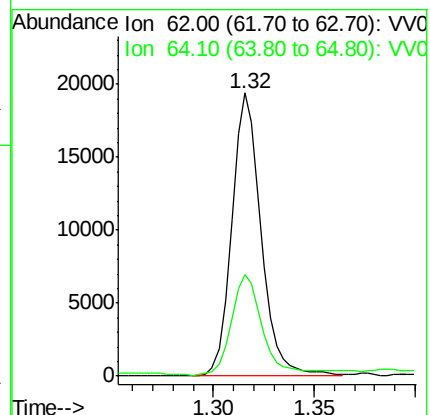
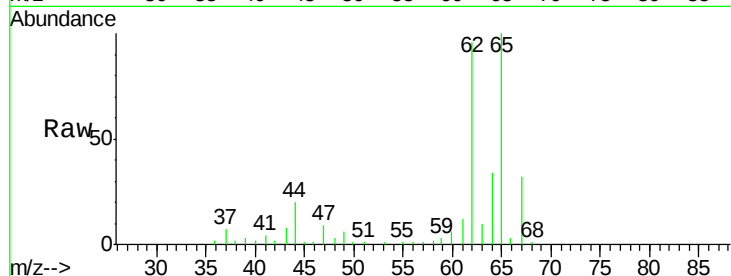
ETKM3DL

Tot Ion: 62 Resp: 19655

Ion Ratio Lower Upper

62 100

64 35.7 22.7 42.1



#16

Methylene chloride

Concen: 0.463 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.01 min

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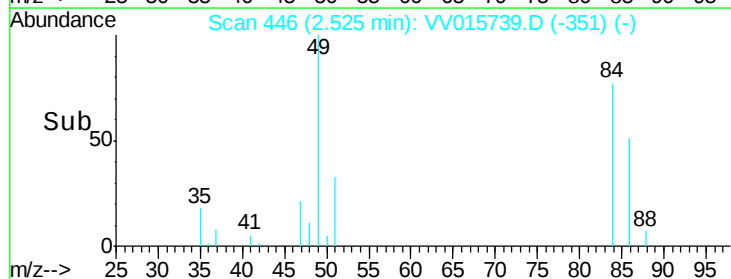
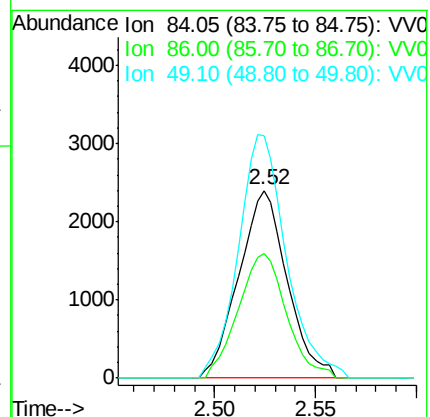
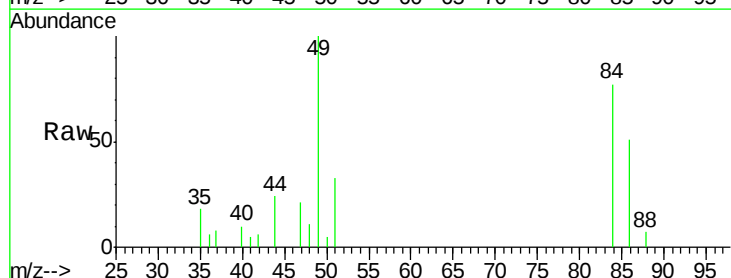
Tgt Ion: 84 Resp: 4017

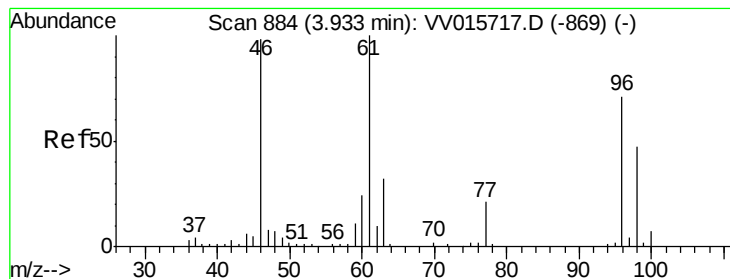
Ion Ratio Lower Upper

84 100

86 66.2 45.1 83.7

49 129.1 94.4 175.4



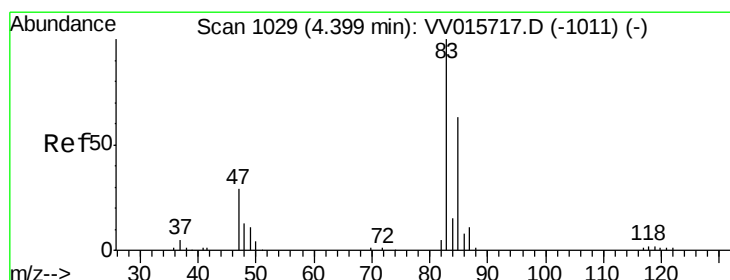
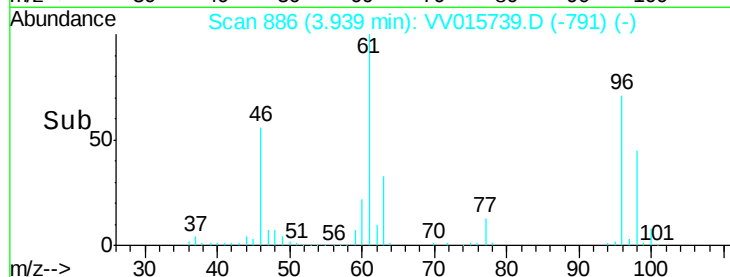
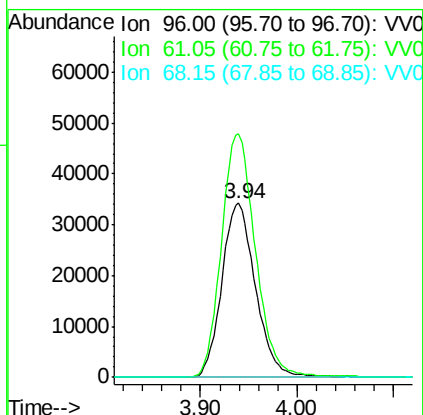
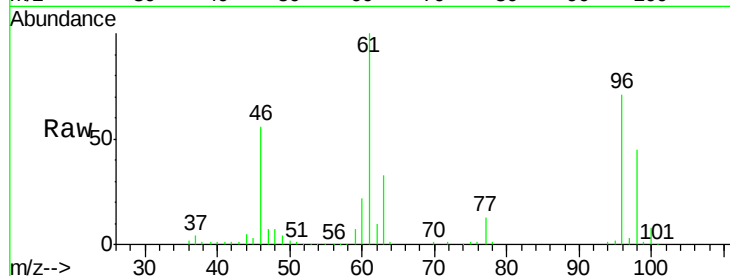


#22

cis-1,2-Dichloroethene
 Concen: 9.488 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
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Tot Ion: 96 Resp: 82511
 Ion Ratio Lower Upper
 96 100
 61 139.9 96.4 179.0
 68 0.0 0.0 0.0



#25

Chloroform
 Concen: 0.496 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV015739.D
 Acq: 27 Apr 2020 19:07

Tgt Ion: 83 Resp: 8133
 Ion Ratio Lower Upper
 83 100
 85 65.6 46.1 85.5

