

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032972.D
 Acq On : 22 Jun 2019 01:59
 Operator : JC/SP
 Sample : K3464-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF42

Quant Time: Jun 22 03:03:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 01:56:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	188712	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88369	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48440	37.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.12%
7) Chloroethane-d5	1.68	69	45395	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.26%
11) 1,1-Dichloroethene-d2	2.27	63	81446	31.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.70%
21) 2-Butanone-d5	4.17	46	120337	112.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.10%
24) Chloroform-d	4.64	84	119050	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
26) 1,2-Dichloroethane-d4	5.30	65	85280	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
32) Benzene-d6	5.33	84	224988	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
36) 1,2-Dichloropropane-d6	6.32	67	74892	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.52%
41) Toluene-d8	7.56	98	197761	43.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.84	79	34511	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.40%
47) 2-Hexanone-d5	8.31	63	72102	100.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	115720	48.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	81985	47.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.88%

Target Compounds

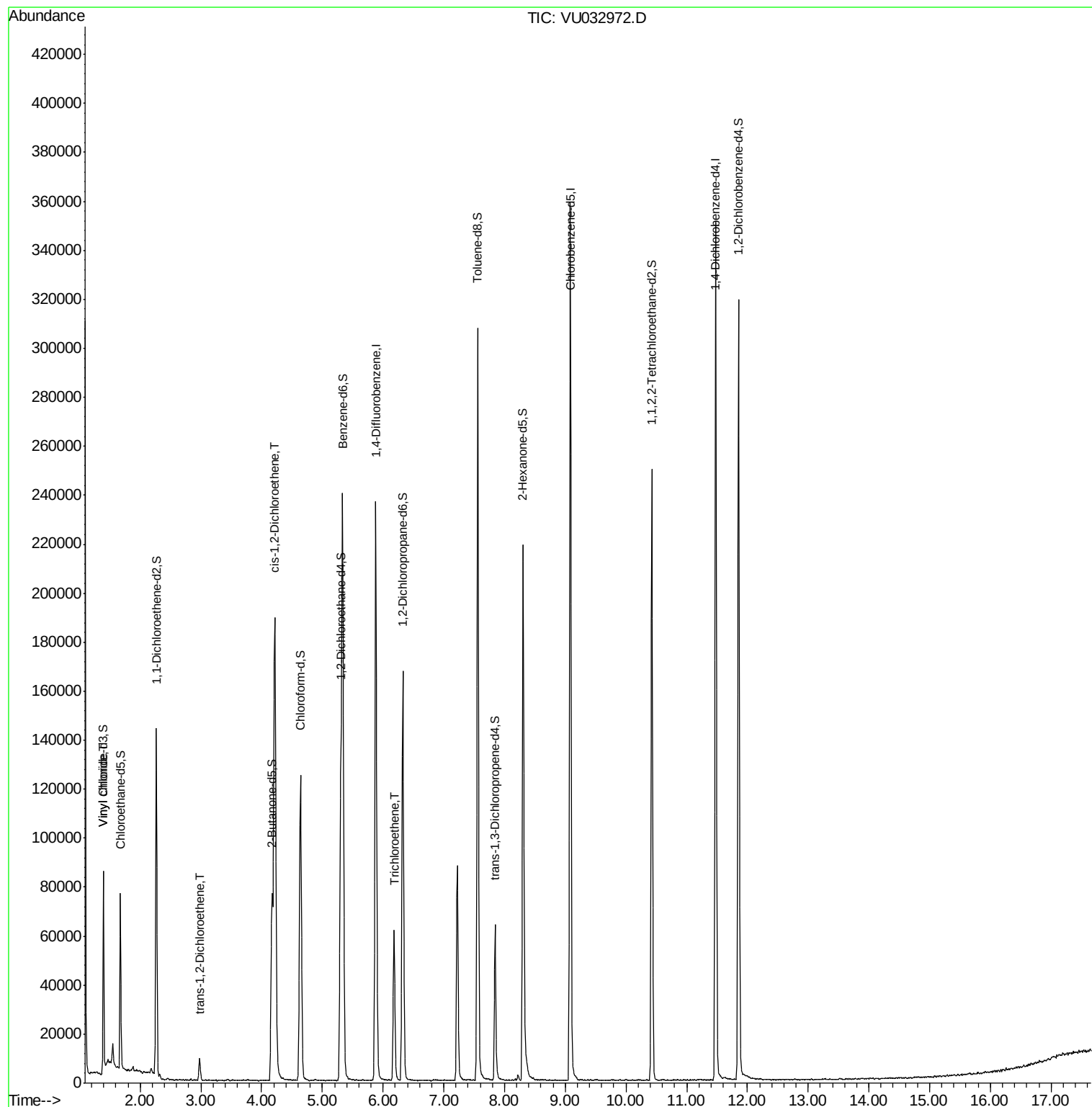
					Ovalue
5) Vinyl chloride	1.40	62	3567	2.082 ug/L	# 41
17) trans-1,2-Dichloroethene	2.98	96	3675	2.852 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	100158	71.343 ug/L	98
34) Trichloroethene	6.18	95	20500	14.401 ug/L	95

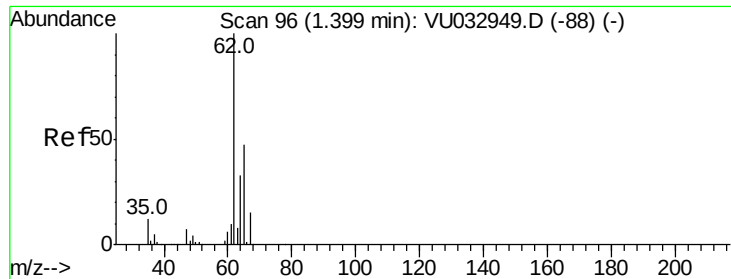
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.082 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032972.D

Acq: 22 Jun 2019 01:59

Instrument :

MSVOA_U

ClientSampleId :

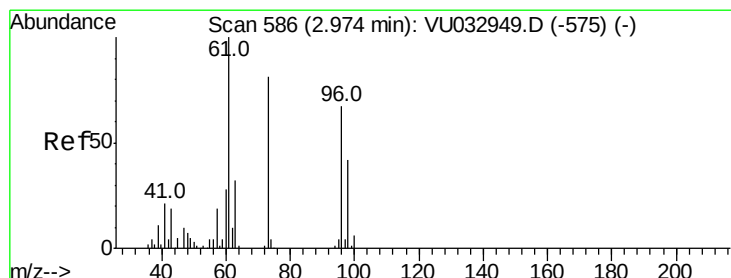
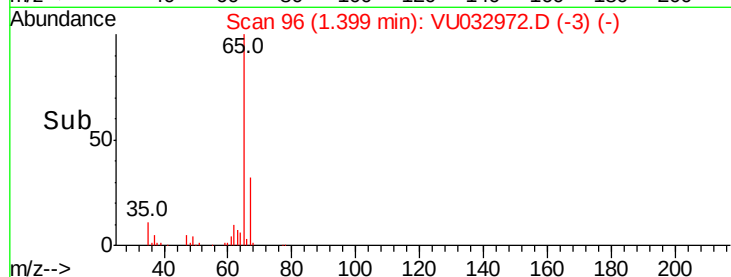
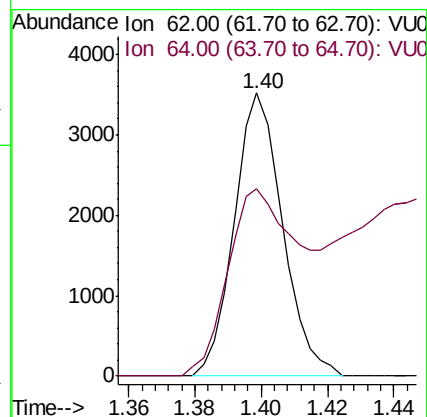
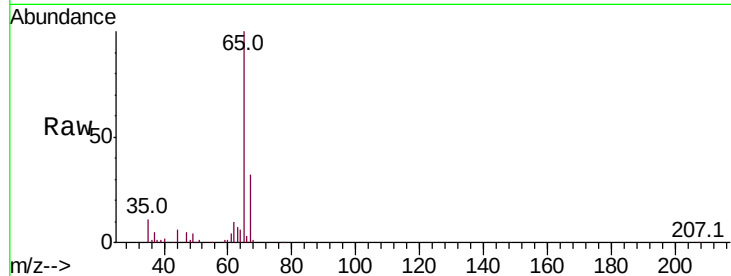
ETF42

Tot Ion: 62 Resp: 3567

Ion Ratio Lower Upper

62 100

64 66.2 23.0 42.6#



#17

trans-1,2-Dichloroethene

Concen: 2.852 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032972.D

Acq: 22 Jun 2019 01:59

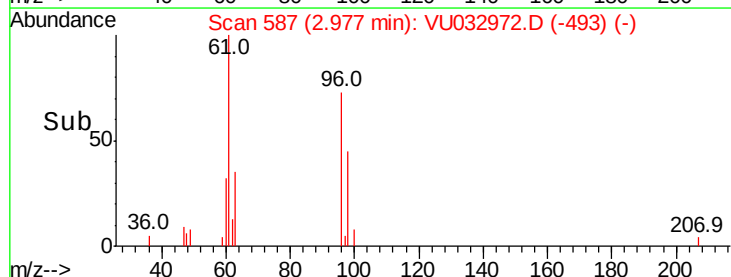
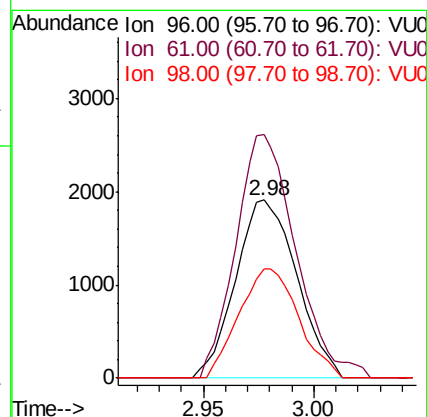
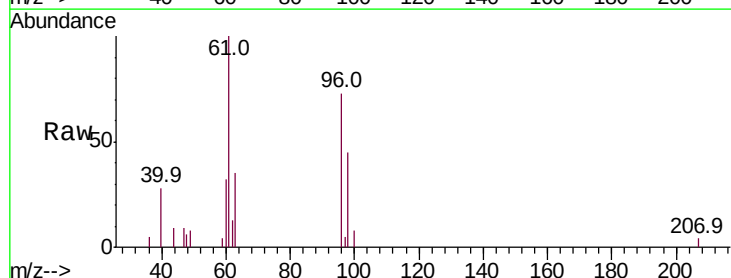
Tgt Ion: 96 Resp: 3675

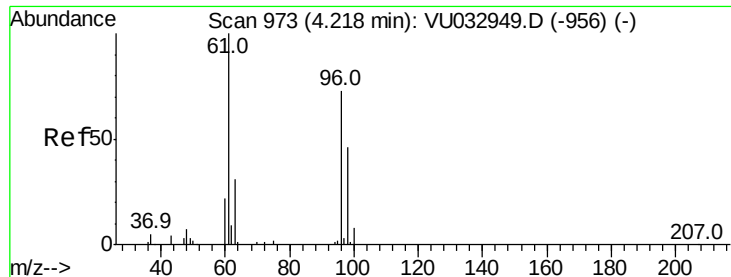
Ion Ratio Lower Upper

96 100

61 137.0 100.9 187.5

98 61.1 44.0 81.8





#20

cis-1,2-Dichloroethene

Concen: 71.343 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU032972.D

Acq: 22 Jun 2019 01:59

Instrument :

MSVOA_U

ClientSampled :

ETF42

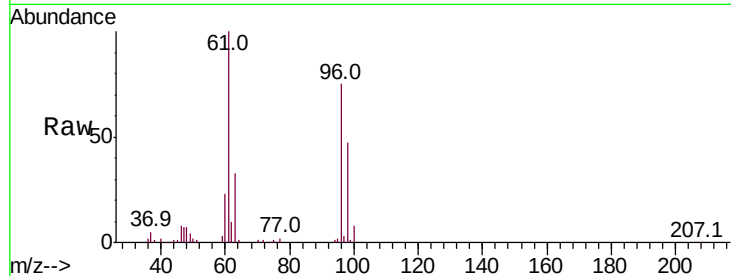
Tot Ion: 96 Resp: 100158

Ion Ratio Lower Upper

96 100

61 134.0 92.4 171.6

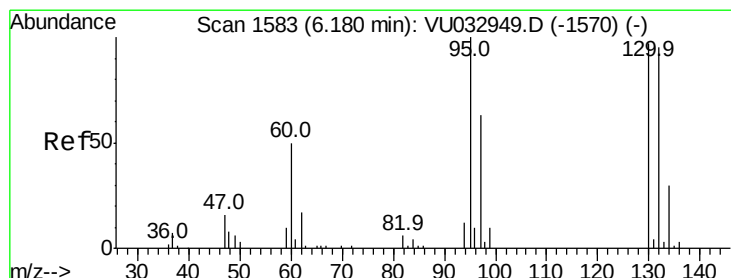
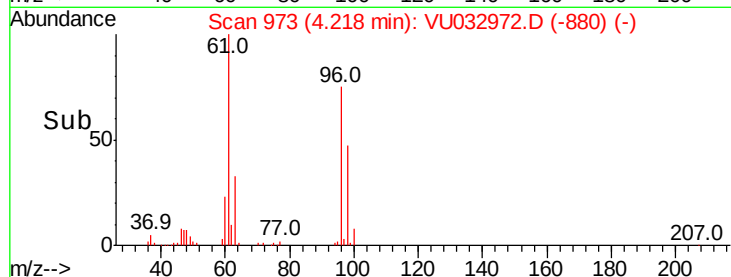
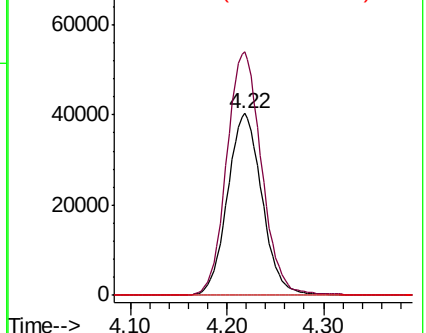
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032949.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU032949.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU032949.D (-956) (-)



#34

Trichloroethene

Concen: 14.401 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032972.D

Acq: 22 Jun 2019 01:59

Tgt Ion: 95 Resp: 20500

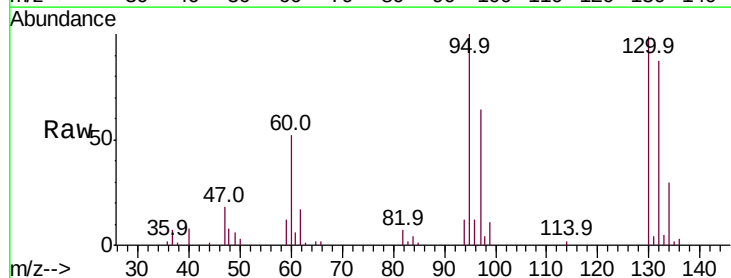
Ion Ratio Lower Upper

95 100

97 64.2 45.9 85.3

132 87.4 68.5 127.3

130 98.6 70.8 131.4



Abundance Ion 95.00 (94.70 to 95.70): VU032949.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU032949.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU032949.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU032949.D (-1570) (-)

