

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032974.D
 Acq On : 22 Jun 2019 02:45
 Operator : JC/SP
 Sample : K3464-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF46

Quant Time: Jun 24 01:26:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 24 01:08:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	192725	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190456	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91386	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50268	38.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.34%
7) Chloroethane-d5	1.68	69	45346	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.34%
11) 1,1-Dichloroethene-d2	2.26	63	82738	31.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.36%
21) 2-Butanone-d5	4.17	46	123928	113.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.05%
24) Chloroform-d	4.64	84	120769	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
26) 1,2-Dichloroethane-d4	5.30	65	87837	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.00%
32) Benzene-d6	5.33	84	228938	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
36) 1,2-Dichloropropane-d6	6.32	67	77967	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.60%
41) Toluene-d8	7.56	98	203942	43.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.72%
43) trans-1,3-Dichloropropene-	7.85	79	34928	42.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.90%
47) 2-Hexanone-d5	8.31	63	73790	99.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118597	48.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	85978	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%

Target Compounds

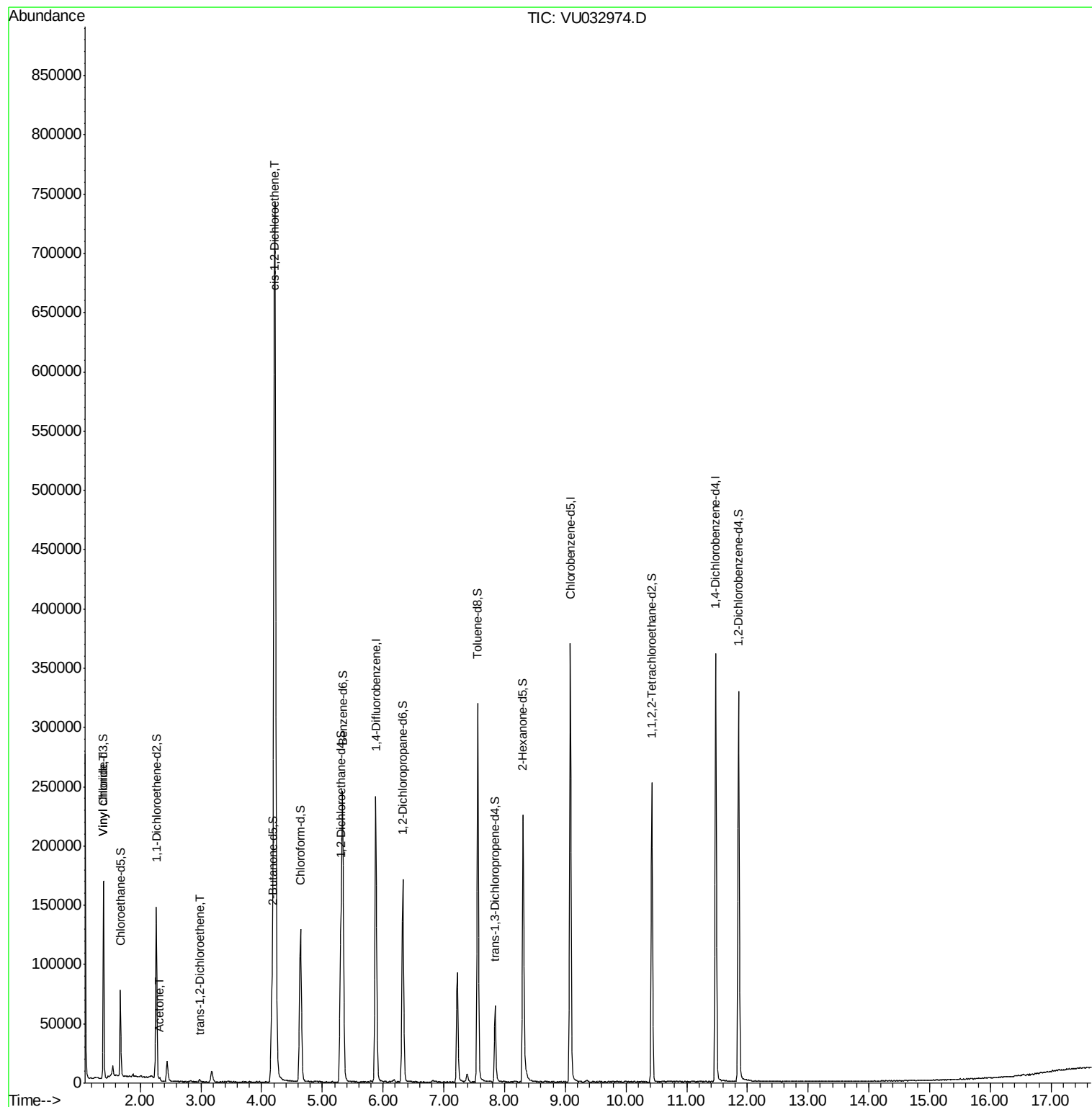
					Ovalue
5) Vinyl chloride	1.40	62	57252	32.714	ug/L 100
13) Acetone	2.32	43	2314	1.528	ug/L 86
17) trans-1,2-Dichloroethene	2.98	96	847	0.644	ug/L 92
20) cis-1,2-Dichloroethene	4.22	96	390426	272.311	ug/L 93

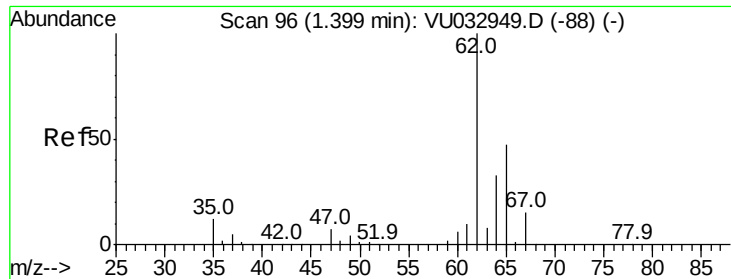
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 32.714 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032974.D

Acq: 22 Jun 2019 02:45

Instrument :

MSVOA_U

ClientSampleId :

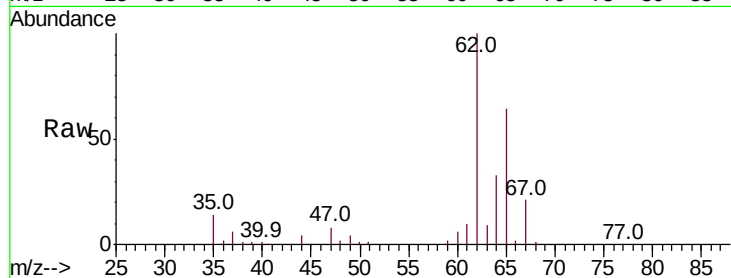
ETF46

Tot Ion: 62 Resp: 57252

Ion Ratio Lower Upper

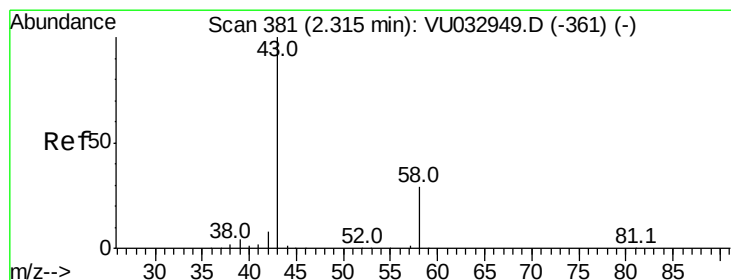
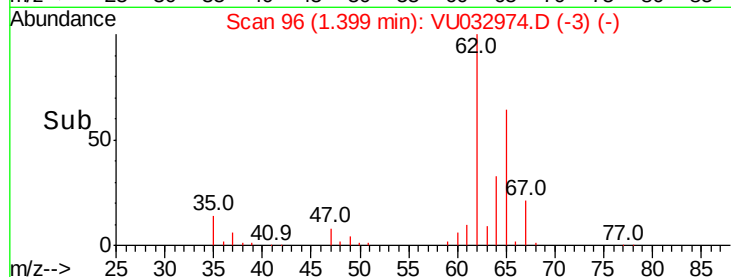
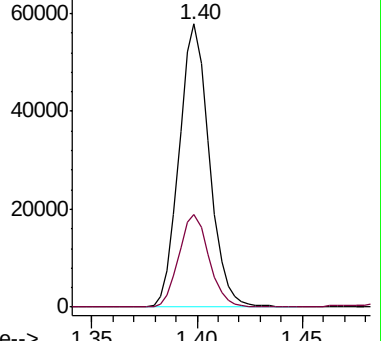
62 100

64 32.8 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU032949.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU032949.D (-88) (-)



#13

Acetone

Concen: 1.528 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032974.D

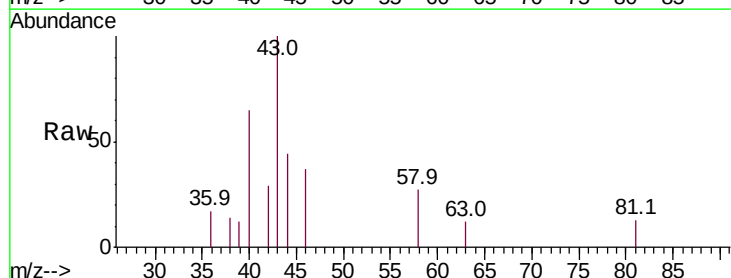
Acq: 22 Jun 2019 02:45

Tgt Ion: 43 Resp: 2314

Ion Ratio Lower Upper

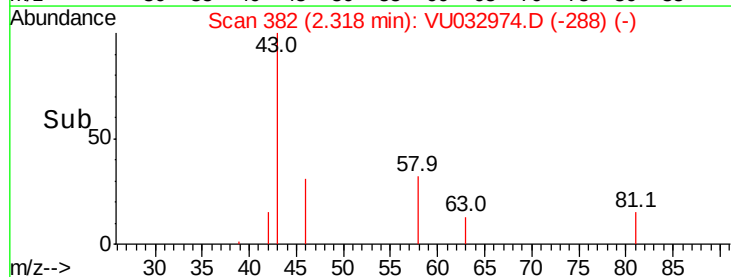
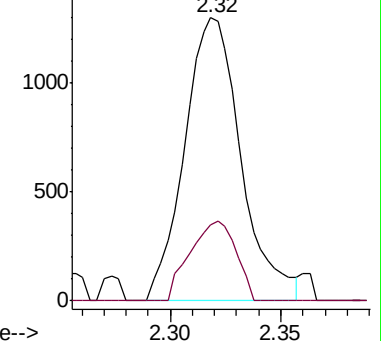
43 100

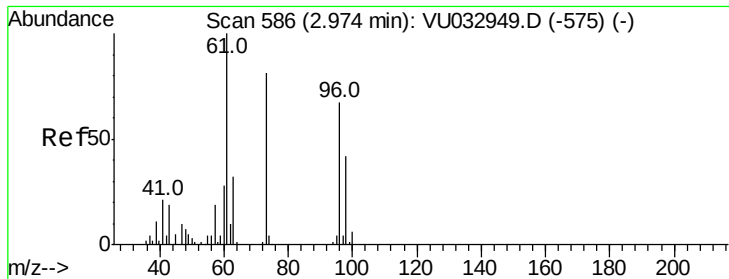
58 22.9 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032949.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU032949.D (-361) (-)





#17

trans-1,2-Dichloroethene

Concen: 0.644 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU032974.D

Acq: 22 Jun 2019 02:45

Instrument :

MSVOA_U

ClientSampled :

ETF46

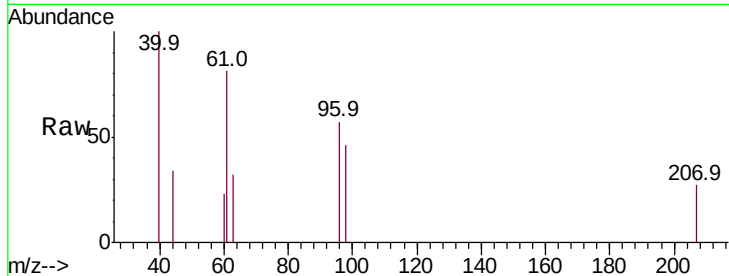
Tot Ion: 96 Resp: 847

Ion Ratio Lower Upper

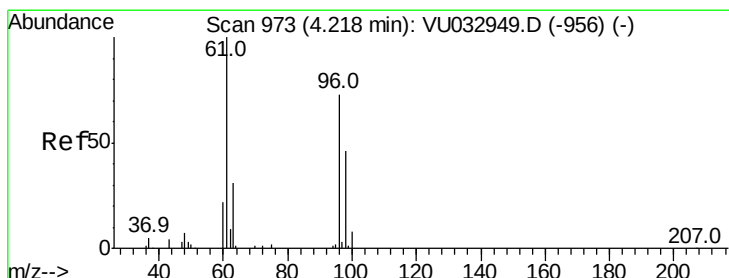
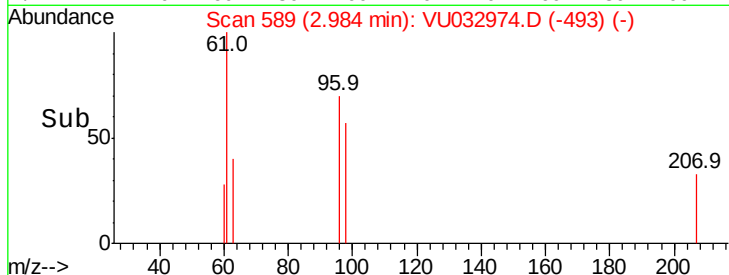
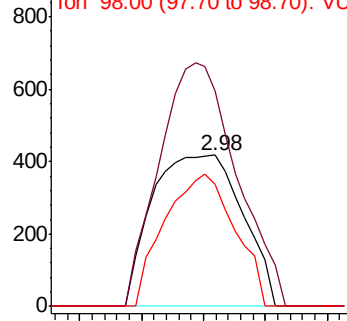
96 100

61 142.1 100.9 187.5

98 80.6 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VU032974.D (-575) (-)



#20

cis-1,2-Dichloroethene

Concen: 272.311 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU032974.D

Acq: 22 Jun 2019 02:45

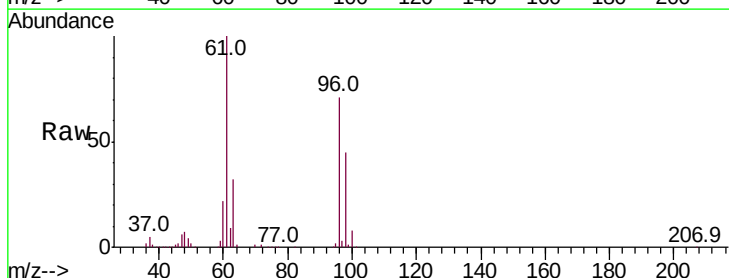
Tgt Ion: 96 Resp: 390426

Ion Ratio Lower Upper

96 100

61 140.2 92.4 171.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032974.D (-956) (-)

