

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112519\
 Data File : VU035843.D
 Acq On : 25 Nov 2019 23:22
 Operator : JC/SP
 Sample : K5992-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF5

Quant Time: Nov 26 03:46:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 01:03:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	215836	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	253310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84045	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121027	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.93	69	123268	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.59	63	161004	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.69	46	338193	51.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	5.11	84	231808	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	144840	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.77	84	463423	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.74	67	171821	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.93	98	378389	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.21	79	59937	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.68	63	336313	66.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.06%#
57) 1,1,2,2-Tetrachloroethane-	10.79	84	149819	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	102459	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

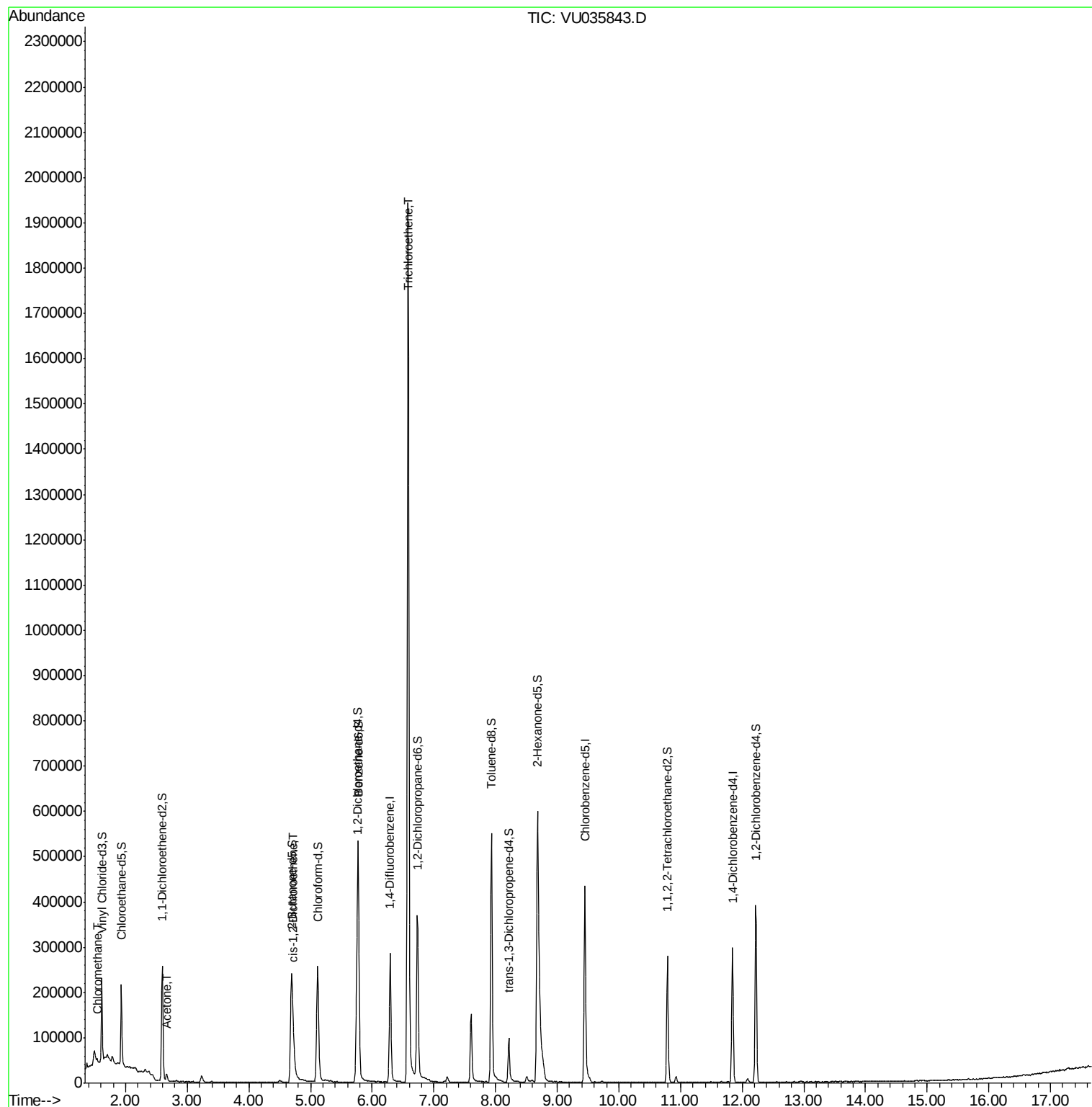
Target Compounds					Ovalue
3) Chloromethane	1.54	50	6850	0.190 ug/L	98
13) Acetone	2.66	43	17602	3.072 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	15646	0.635 ug/L	96
34) Trichloroethene	6.58	95	678016	26.154 ug/L	99

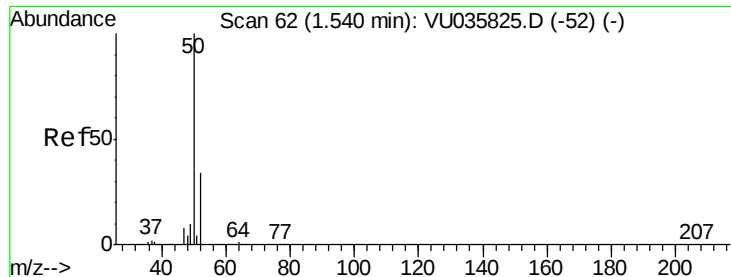
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.190 ug/L

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

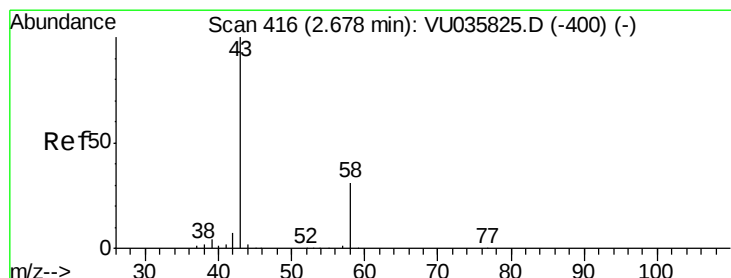
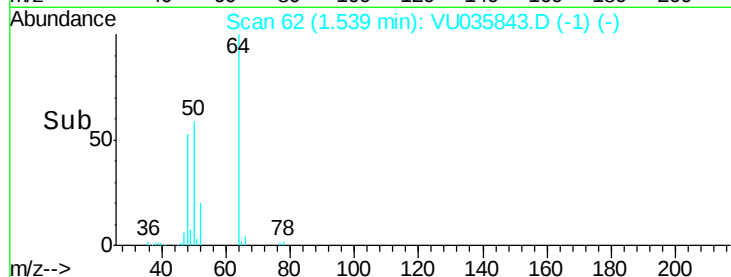
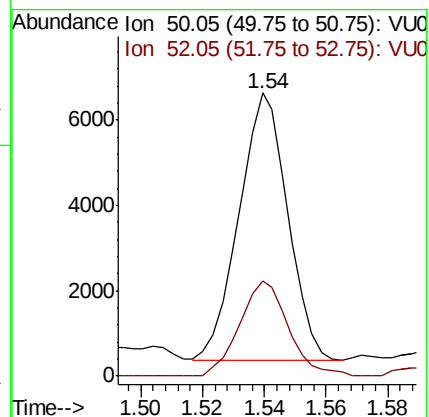
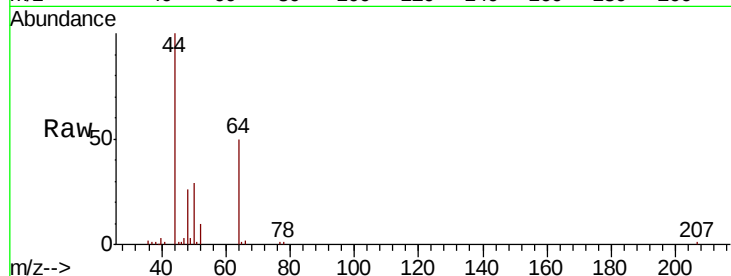
GARF5

Tot Ion: 50 Resp: 6850

Ion Ratio Lower Upper

50 100

52 33.5 22.7 42.3



#13

Acetone

Concen: 3.072 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

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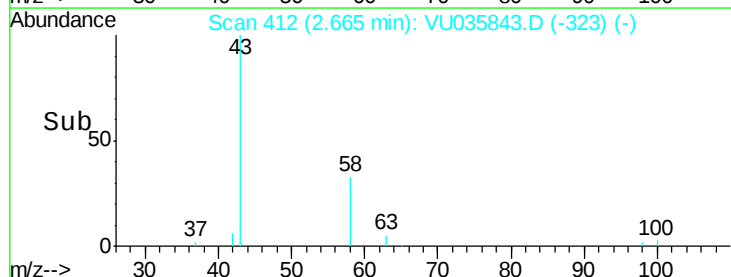
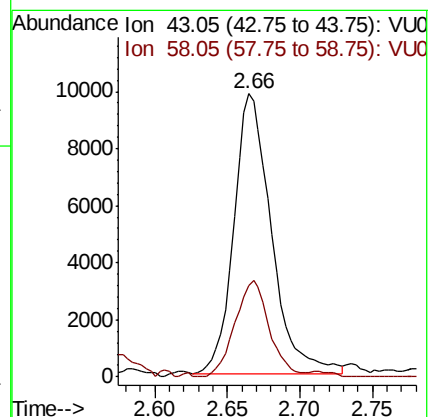
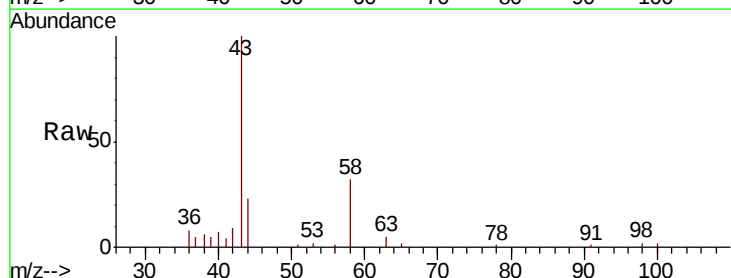
Acq: 25 Nov 2019 23:22

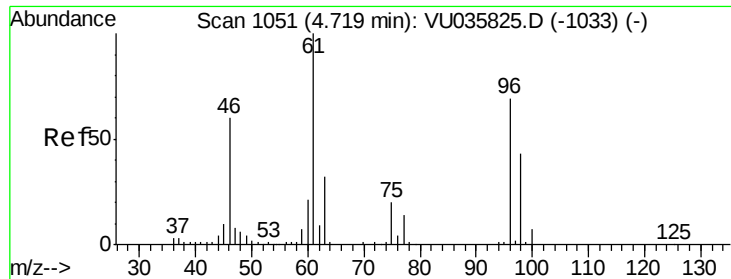
Tgt Ion: 43 Resp: 17602

Ion Ratio Lower Upper

43 100

58 31.4 0.0 61.2

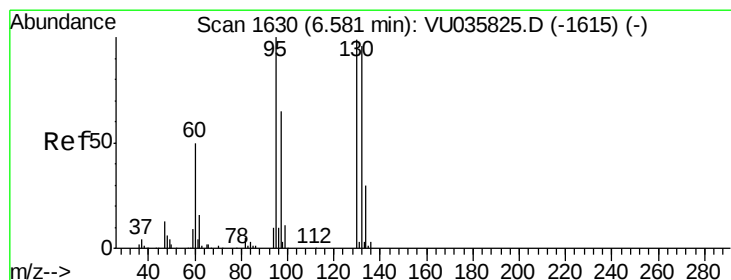
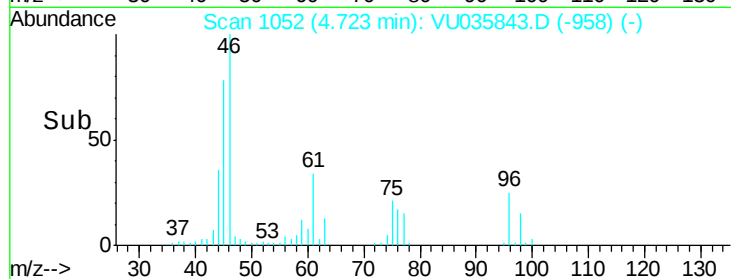
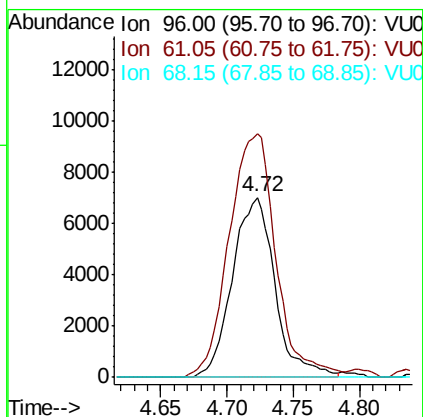
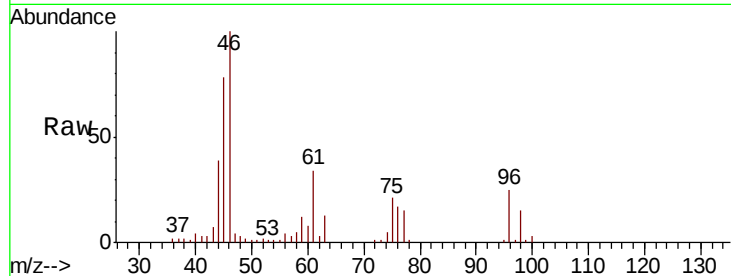




#22
 cis-1,2-Dichloroethene
 Concen: 0.635 ug/L
 RT: 4.72 min Scan# 1052
 Delta R.T. 0.00 min
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Tot Ion: 96 Resp: 15646
 Ion Ratio Lower Upper
 96 100
 61 135.3 98.1 182.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 26.154 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU035843.D
 Acq: 25 Nov 2019 23:22

Tgt Ion: 95 Resp: 678016
 Ion Ratio Lower Upper
 95 100
 97 64.7 45.1 83.9
 132 89.7 61.9 114.9
 130 94.7 66.3 123.1

