

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\
 Data File : VU035859.D
 Acq On : 26 Nov 2019 15:40
 Operator : JC/SP
 Sample : K5992-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF5

Quant Time: Nov 27 03:12:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 01:18:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	221069	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	258264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84172	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	147376	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.93	69	132319	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.59	63	175750	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.69	46	312000	46.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.36%
24) Chloroform-d	5.11	84	232763	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.75	65	131545	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.77	84	447744	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.73	67	157817	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.93	98	360529	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	8.21	79	52374	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.68	63	239955	46.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.42%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	120995	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	91660	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

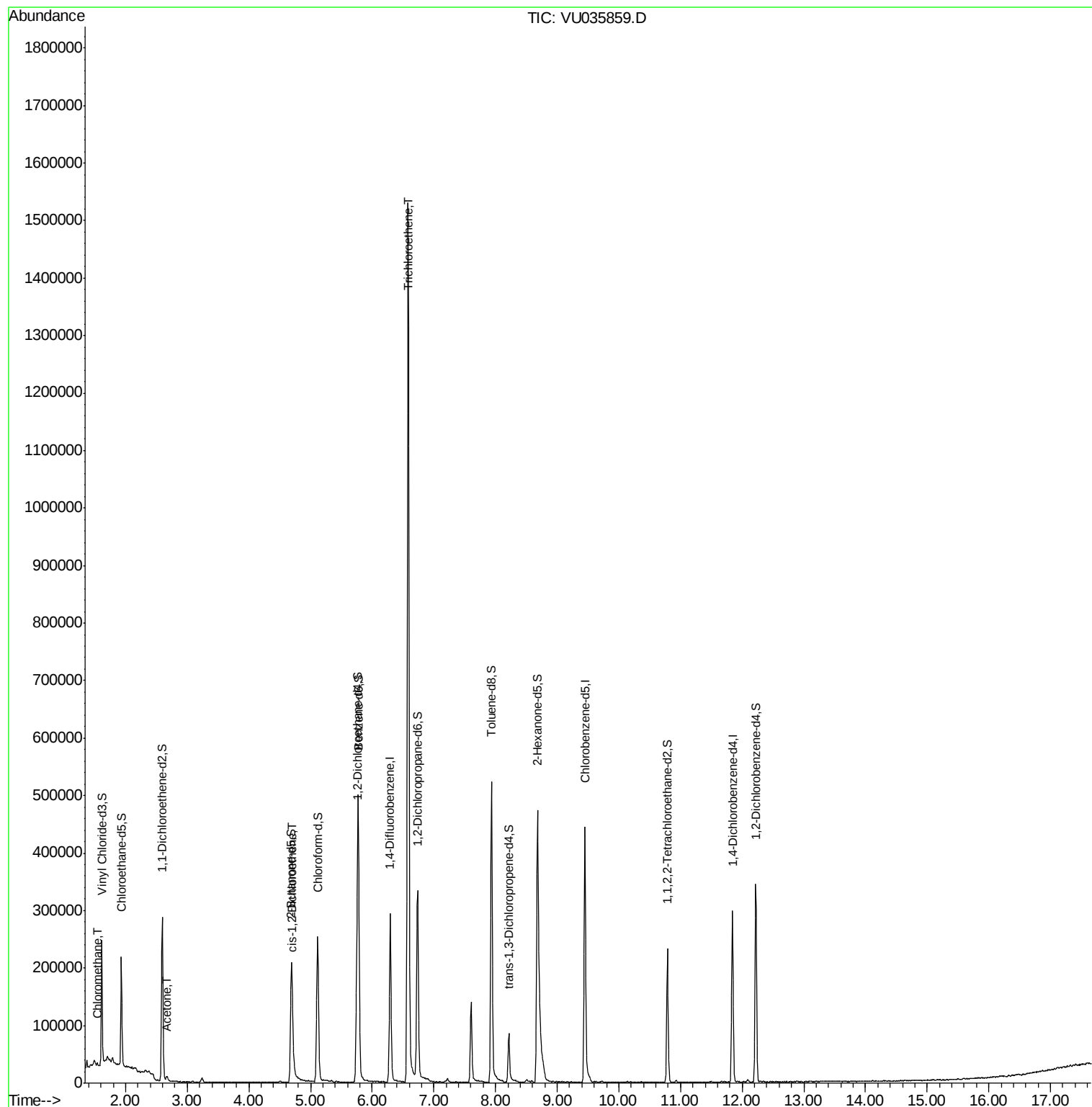
					Qvalue
3) Chloromethane	1.54	50	3779	0.102 ug/L	94
13) Acetone	2.67	43	9719	1.656 ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	6888	0.273 ug/L	93
34) Trichloroethene	6.58	95	546609	20.680 ug/L	99

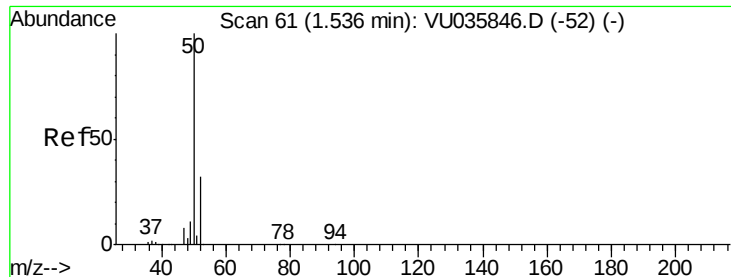
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.102 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU035859.D

Acq: 26 Nov 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

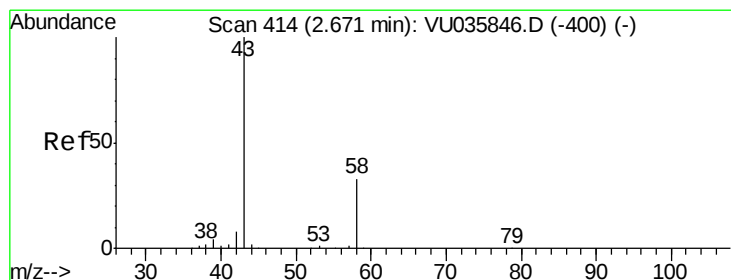
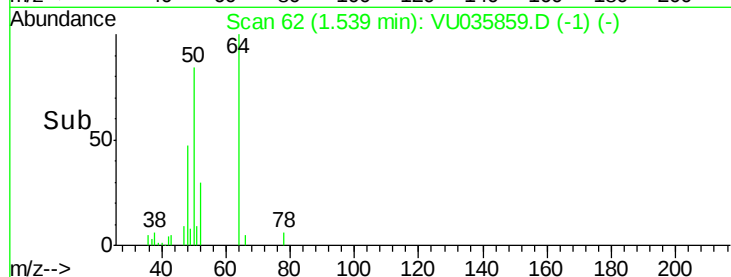
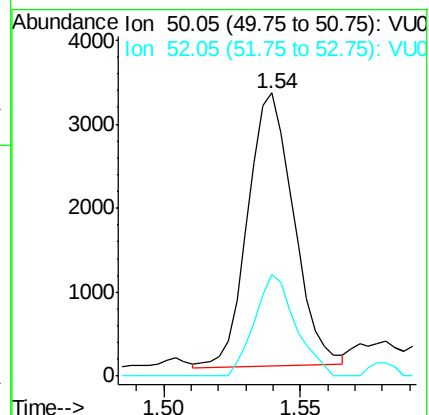
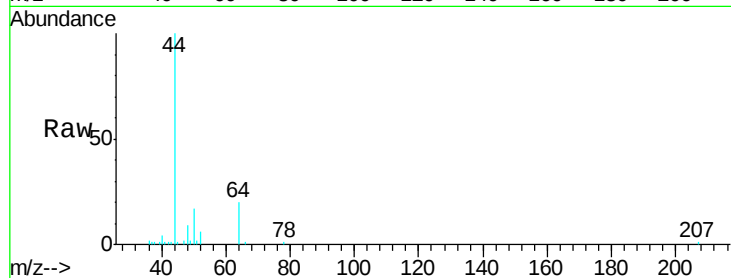
GARF5

Tgt Ion: 50 Resp: 3779

Ion Ratio Lower Upper

50 100

52 35.8 22.7 42.3



#13

Acetone

Concen: 1.656 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035859.D

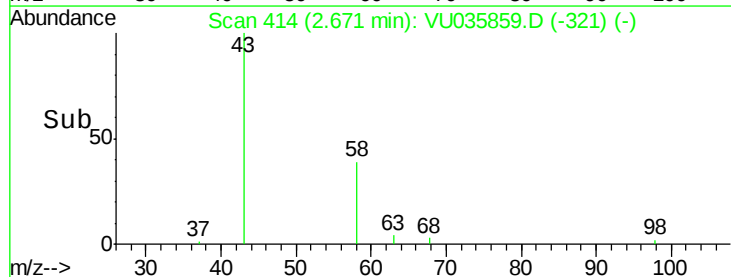
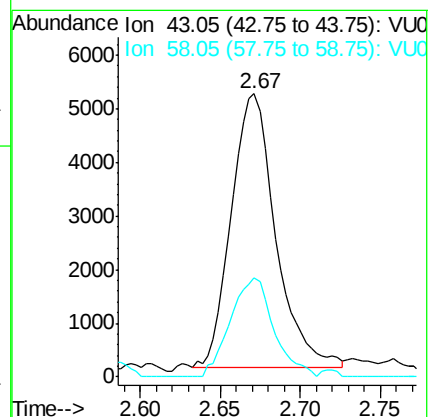
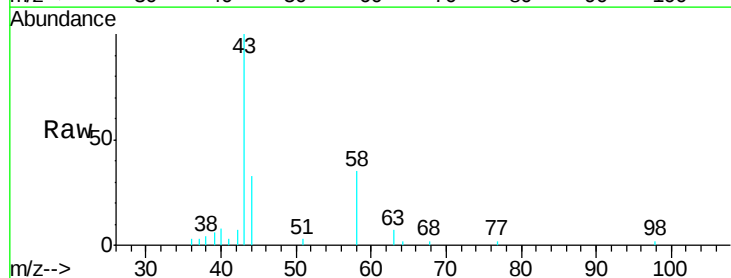
Acq: 26 Nov 2019 15:40

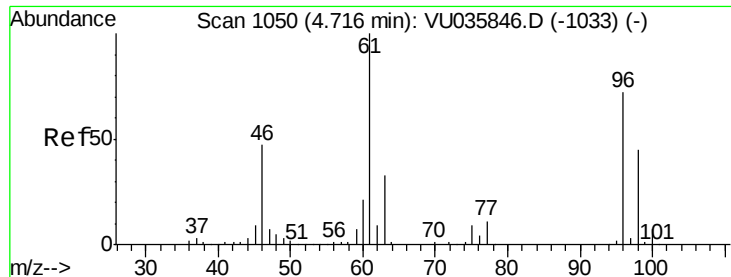
Tgt Ion: 43 Resp: 9719

Ion Ratio Lower Upper

43 100

58 35.1 0.0 61.2





#22

cis-1,2-Dichloroethene

Concen: 0.273 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035859.D

Acq: 26 Nov 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

GARF5

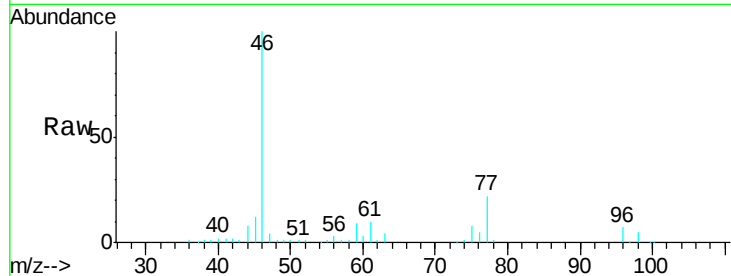
Tgt Ion: 96 Resp: 6888

Ion Ratio Lower Upper

96 100

61 149.1 98.1 182.1

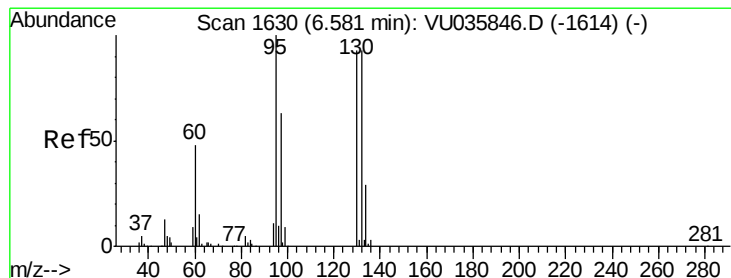
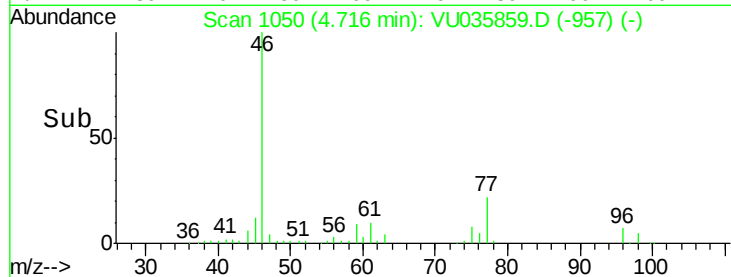
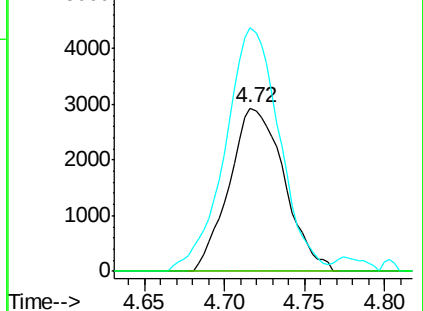
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035846.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU035846.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU035846.D (-1033) (-)



#34

Trichloroethene

Concen: 20.680 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035859.D

Acq: 26 Nov 2019 15:40

Tgt Ion: 95 Resp: 546609

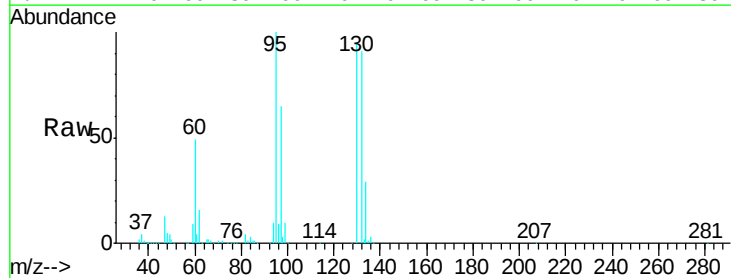
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.9

132 91.1 61.9 114.9

130 94.8 66.3 123.1



Abundance Ion 95.00 (94.70 to 95.70): VU035846.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU035846.D (-1614) (-)

Ion 131.95 (131.65 to 132.65): VU035846.D (-1614) (-)

Ion 129.95 (129.65 to 130.65): VU035846.D (-1614) (-)

