

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040307.D
 Acq On : 25 Sep 2020 18:14
 Operator : SY/MD
 Sample : L4147-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSAS

Quant Time: Sep 26 07:07:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126202	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33290	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.92	69	32026	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.58	63	54490	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.66	46	164329	59.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.70%
24) Chloroform-d	5.08	84	75567	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	47064	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	139420	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	48382	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	113944	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.18	79	18138	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.64	63	117141	55.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43631	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	47705	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

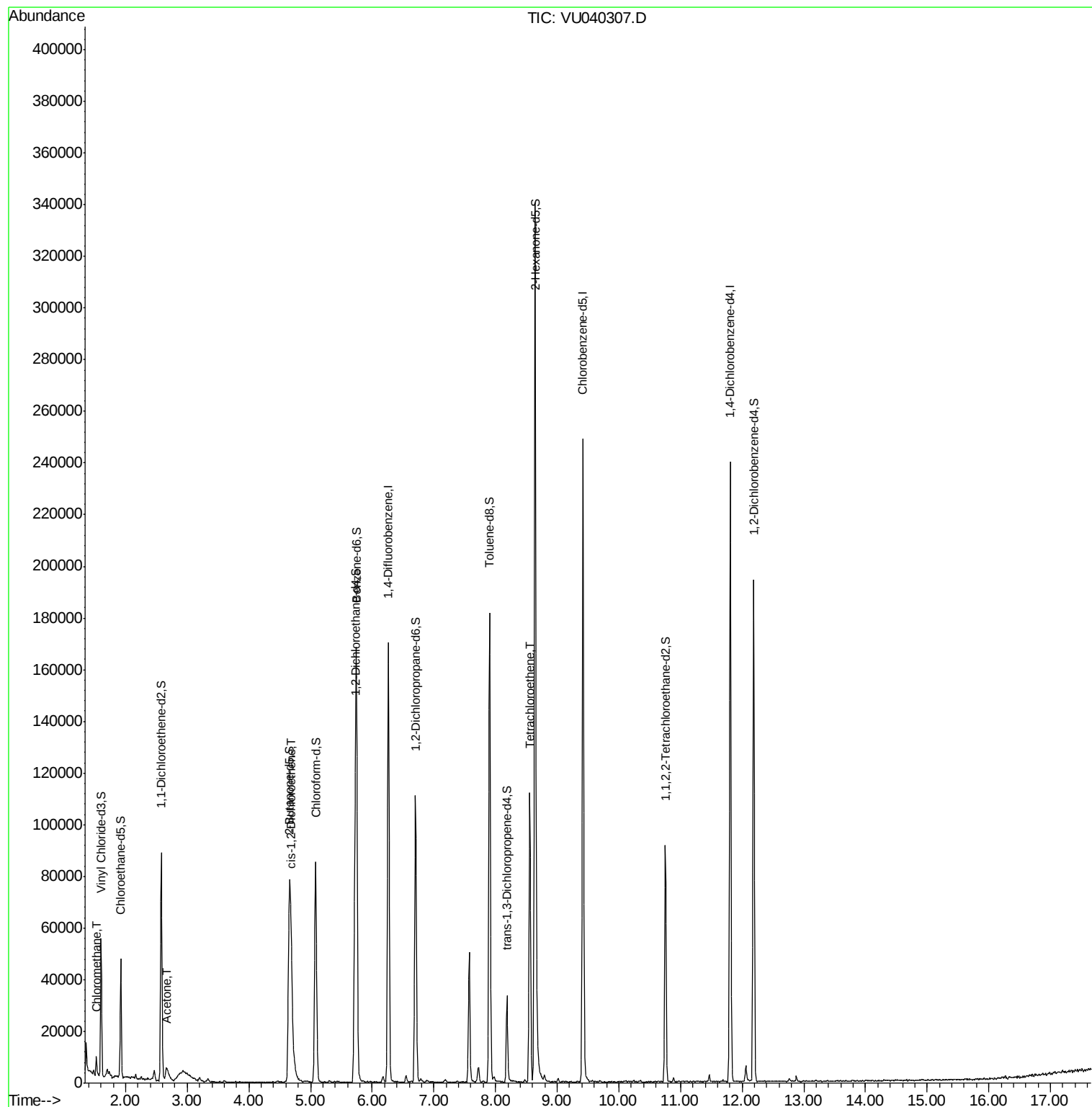
					Ovalue
3) Chloromethane	1.52	50	4807	0.402 ug/L	98
13) Acetone	2.67	43	13898	5.468 ug/L	76
22) cis-1,2-Dichloroethene	4.69	96	8441	0.750 ug/L	92
47) Tetrachloroethene	8.56	164	23467	2.950 ug/L	97

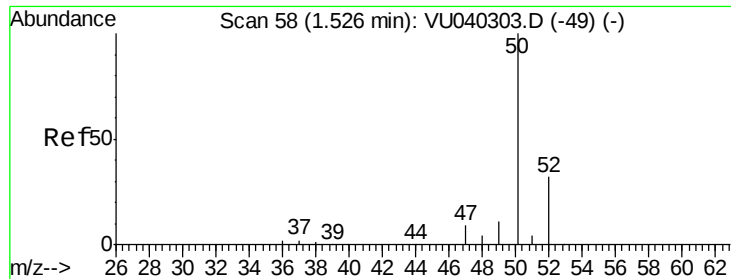
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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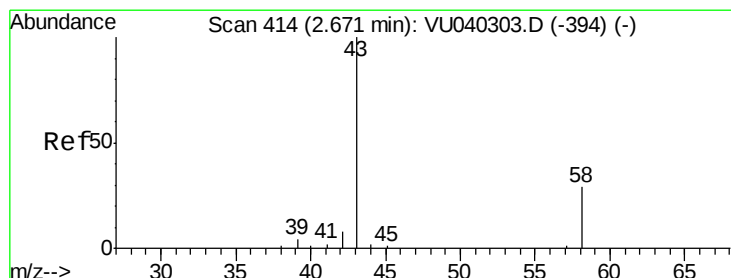
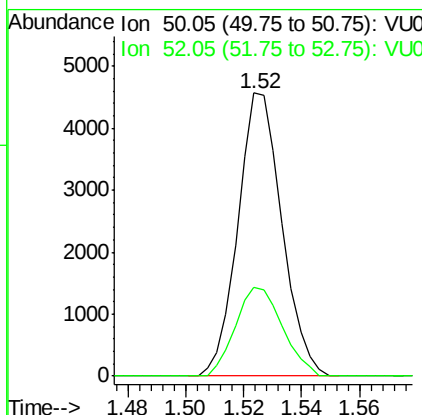
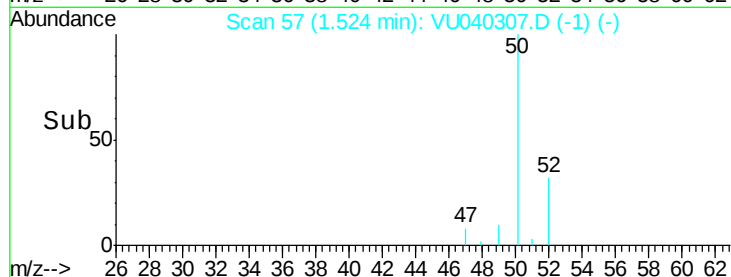
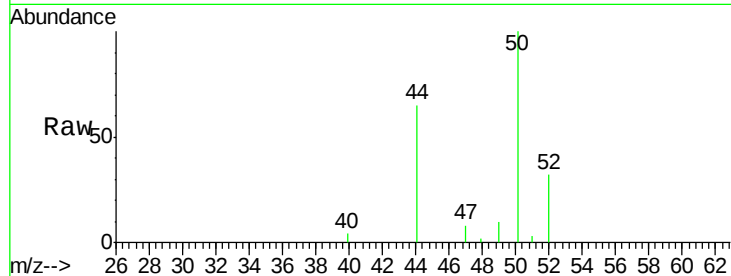




#3
 Chloromethane
 Concen: 0.402 ug/L
 RT: 1.52 min Scan# 57
 Delta R.T. -0.00 min
 Lab File: VU040307.D
 Acq: 25 Sep 2020 18:14

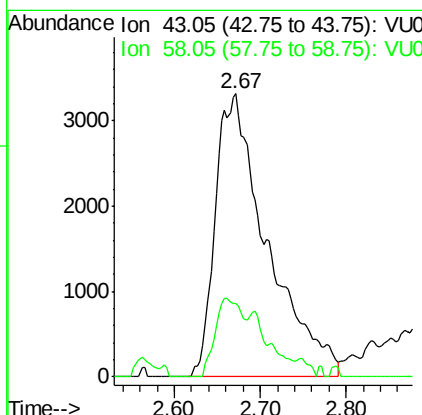
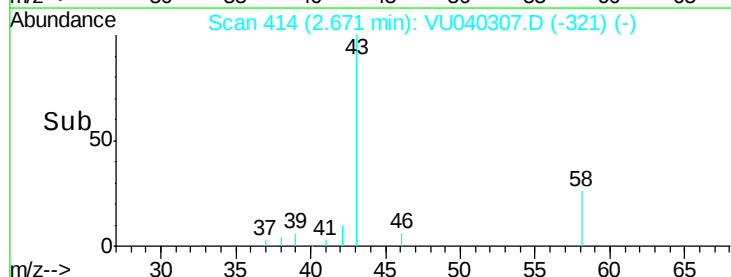
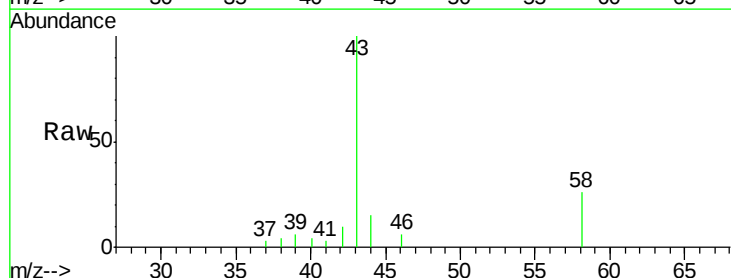
Instrument :
 MSVOA_U
 ClientSampleId :
 BFSAS

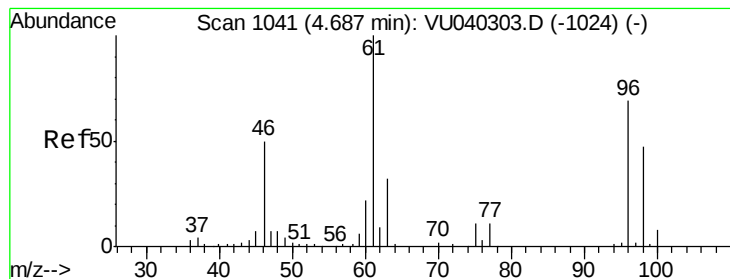
Tot Ion: 50 Resp: 4807
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.8 42.4



#13
 Acetone
 Concen: 5.468 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: VU040307.D
 Acq: 25 Sep 2020 18:14

Tgt Ion: 43 Resp: 13898
 Ion Ratio Lower Upper
 43 100
 58 14.9 0.0 55.4





#22

cis-1,2-Dichloroethene

Concen: 0.750 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VU040307.D

Acq: 25 Sep 2020 18:14

Instrument :

MSVOA_U

ClientSampleId :

BFSA8

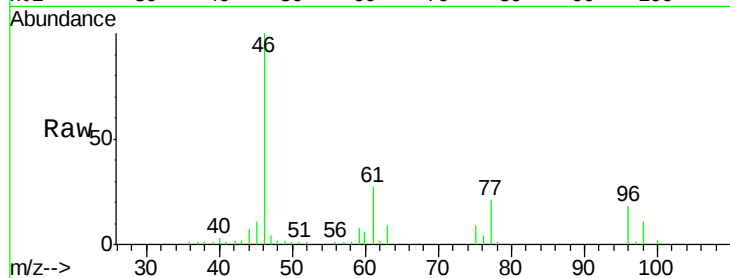
Tot Ion: 96 Resp: 8441

Ion Ratio Lower Upper

96 100

61 151.1 98.8 183.4

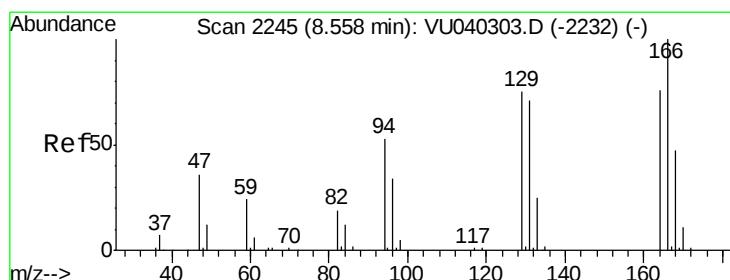
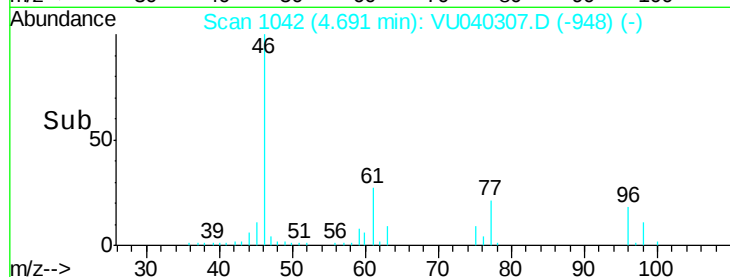
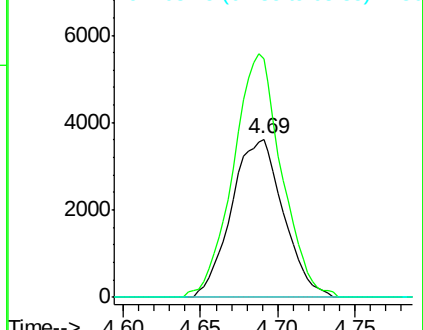
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#47

Tetrachloroethene

Concen: 2.950 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040307.D

Acq: 25 Sep 2020 18:14

Tgt Ion: 164 Resp: 23467

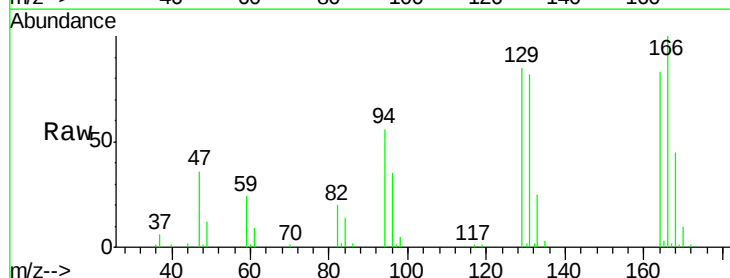
Ion Ratio Lower Upper

164 100

129 101.7 71.5 132.7

131 99.0 65.9 122.5

166 120.2 87.3 162.1



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

