

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\
 Data File : VU036164.D
 Acq On : 12 Dec 2019 21:36
 Operator : JC/MD
 Sample : K6273-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ4

Quant Time: Dec 18 03:10:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 13 02:41:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	258745	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	281141	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	108736	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	132234	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.93	69	115129	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.59	63	133668	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.69	46	256399	60.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.72%
24) Chloroform-d	5.11	84	198964	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.75	65	104149	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.77	84	370935	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.73	67	120687	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.93	98	294780	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.21	79	43911	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.68	63	196300	54.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.24%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	114833	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	115677	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

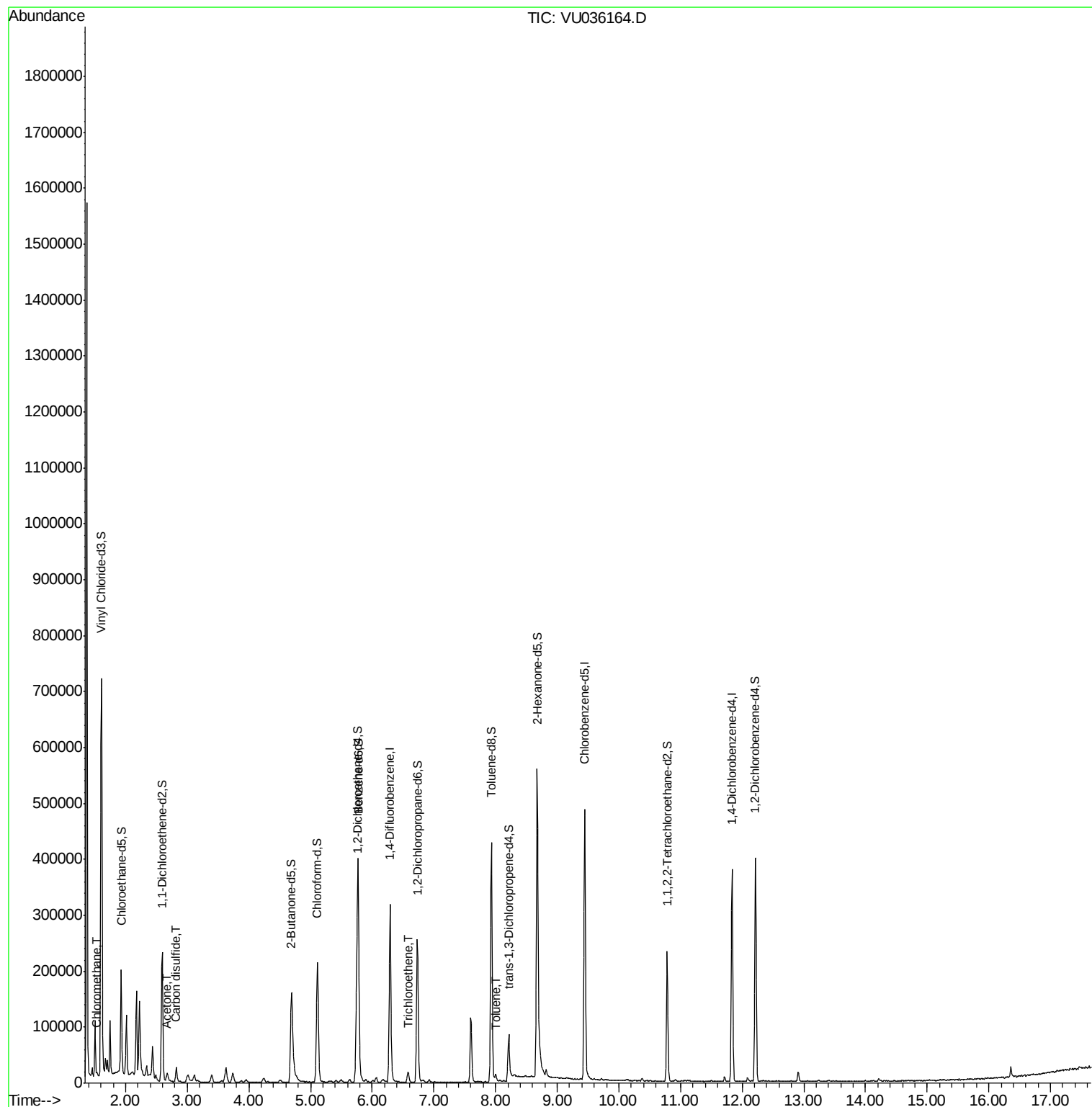
					Ovalue
3) Chloromethane	1.54	50	3467	0.094 ug/L	98
13) Acetone	2.67	43	19621	5.354 ug/L	96
14) Carbon disulfide	2.82	76	33232	0.513 ug/L	97
34) Trichloroethene	6.58	95	5932	0.268 ug/L	78
42) Toluene	8.00	91	7883	0.086 ug/L	94

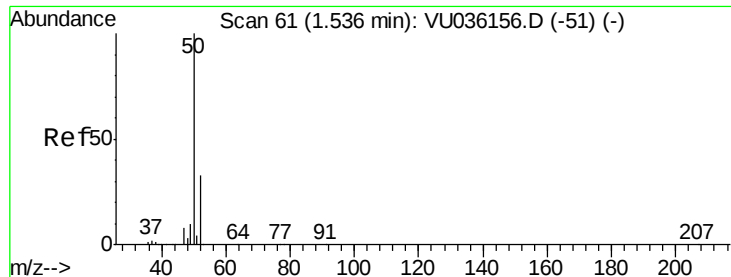
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.094 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036164.D

Acq: 12 Dec 2019 21:36

Instrument :

MSVOA_U

ClientSampleId :

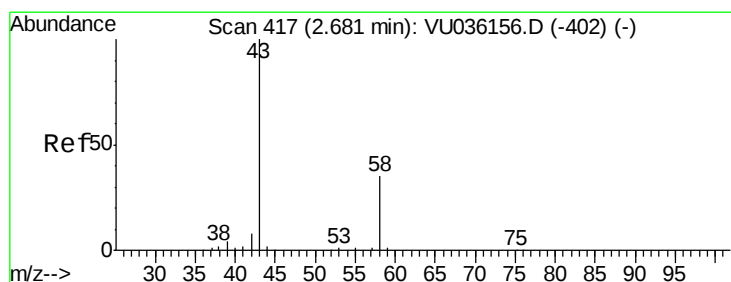
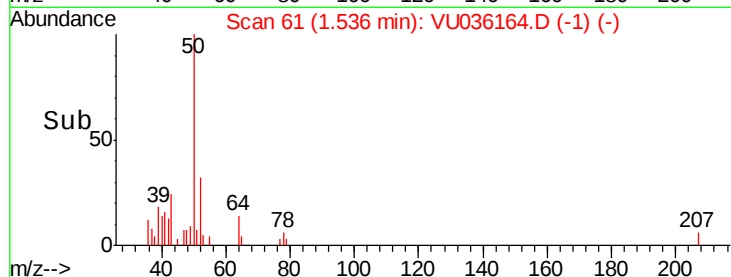
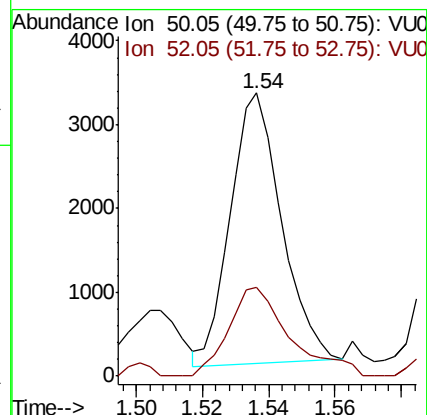
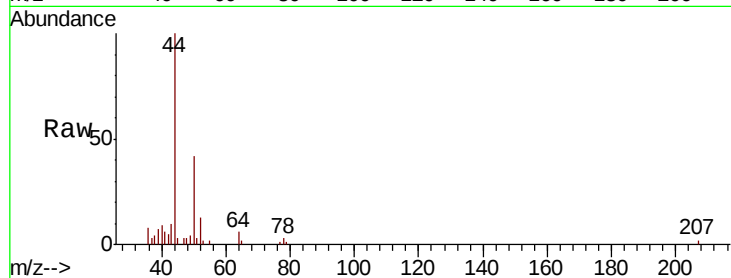
BFDQ4

Tot Ion: 50 Resp: 3467

Ion Ratio Lower Upper

50 100

52 31.6 23.0 42.8



#13

Acetone

Concen: 5.354 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU036164.D

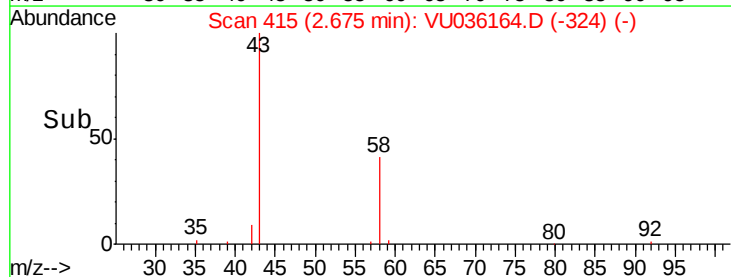
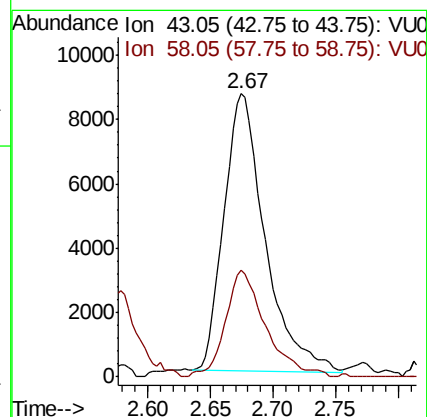
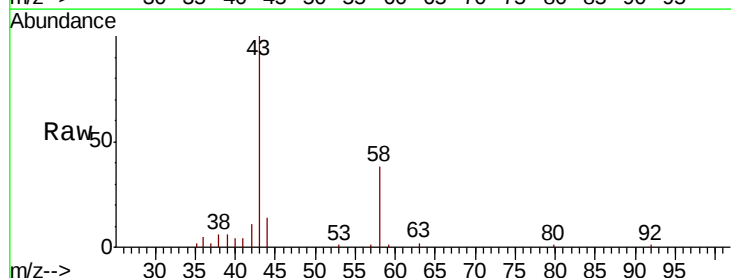
Acq: 12 Dec 2019 21:36

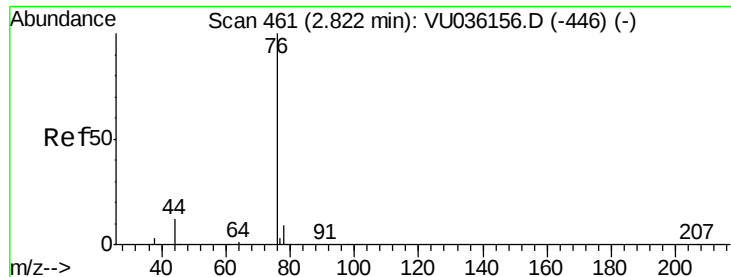
Tgt Ion: 43 Resp: 19621

Ion Ratio Lower Upper

43 100

58 37.6 0.0 70.0





#14

Carbon disulfide

Concen: 0.513 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036164.D

Acq: 12 Dec 2019 21:36

Instrument :

MSVOA_U

ClientSampleId :

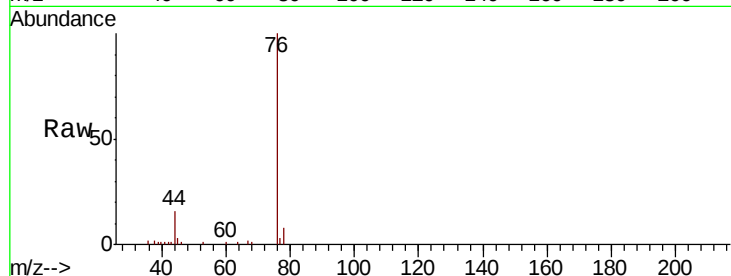
BFDQ4

Tot Ion: 76 Resp: 33232

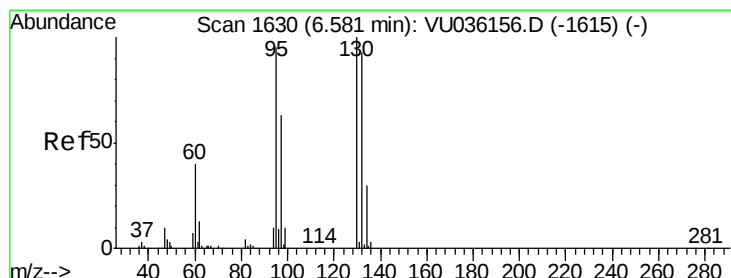
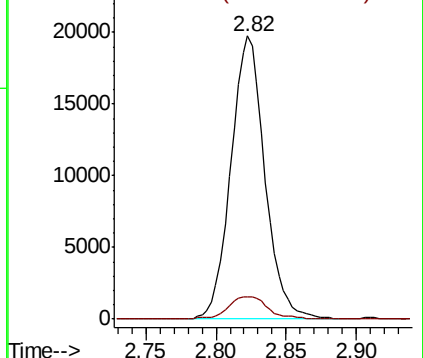
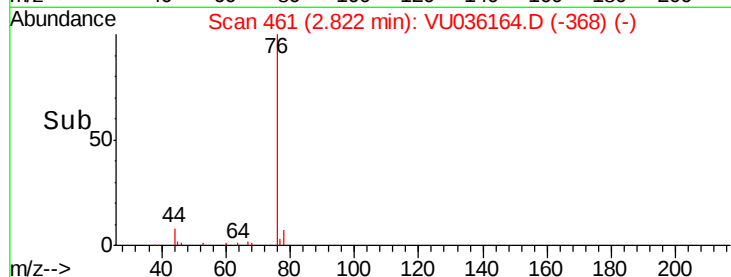
Ion Ratio Lower Upper

76 100

78 7.8 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU036164.D (-368) (-)



#34

Trichloroethene

Concen: 0.268 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU036164.D

Acq: 12 Dec 2019 21:36

Tgt Ion: 95 Resp: 5932

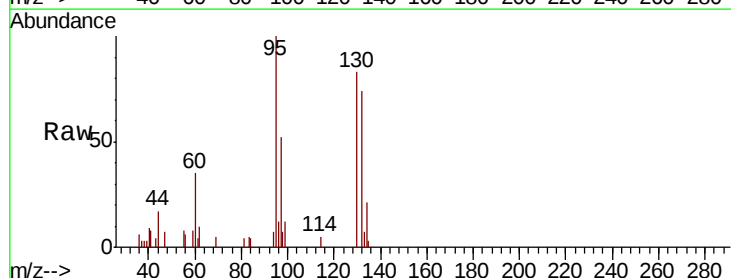
Ion Ratio Lower Upper

95 100

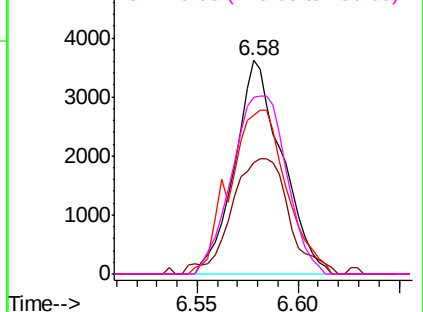
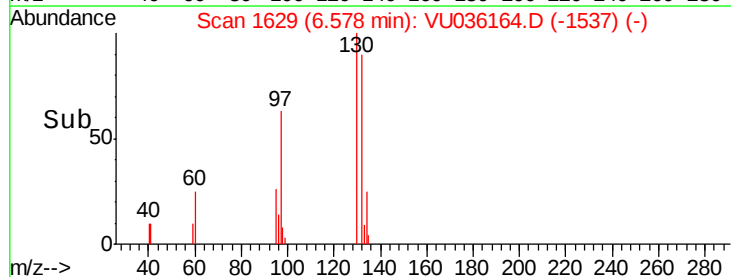
97 51.9 43.7 81.1

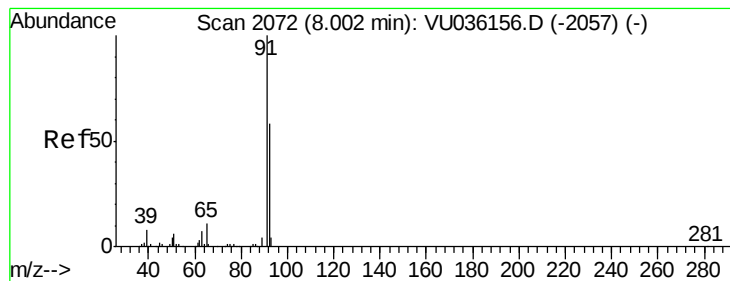
132 74.3 71.7 133.3

130 82.9 73.1 135.7



Abundance Ion 95.00 (94.70 to 95.70): VU036164.D (-1537) (-)





#42

Toluene

Concen: 0.086 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036164.D

Acq: 12 Dec 2019 21:36

Instrument :

MSVOA_U

ClientSampleId :

BFDQ4

Tot Ion: 91 Resp: 7883

Ion Ratio Lower Upper

91 100

92 54.0 40.7 75.7

