

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\
 Data File : VU035876.D
 Acq On : 26 Nov 2019 22:58
 Operator : JC/SP
 Sample : K6057-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA8

Quant Time: Nov 27 04:30:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	206466	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	237626	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	67257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	139800	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.93	69	132106	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.60	63	169403	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.69	46	301298	48.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.54%
24) Chloroform-d	5.11	84	222043	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	133136	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.77	84	434880	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.74	67	153674	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	341533	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.21	79	49066	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.69	63	263253	55.10	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	129515	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	81637	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

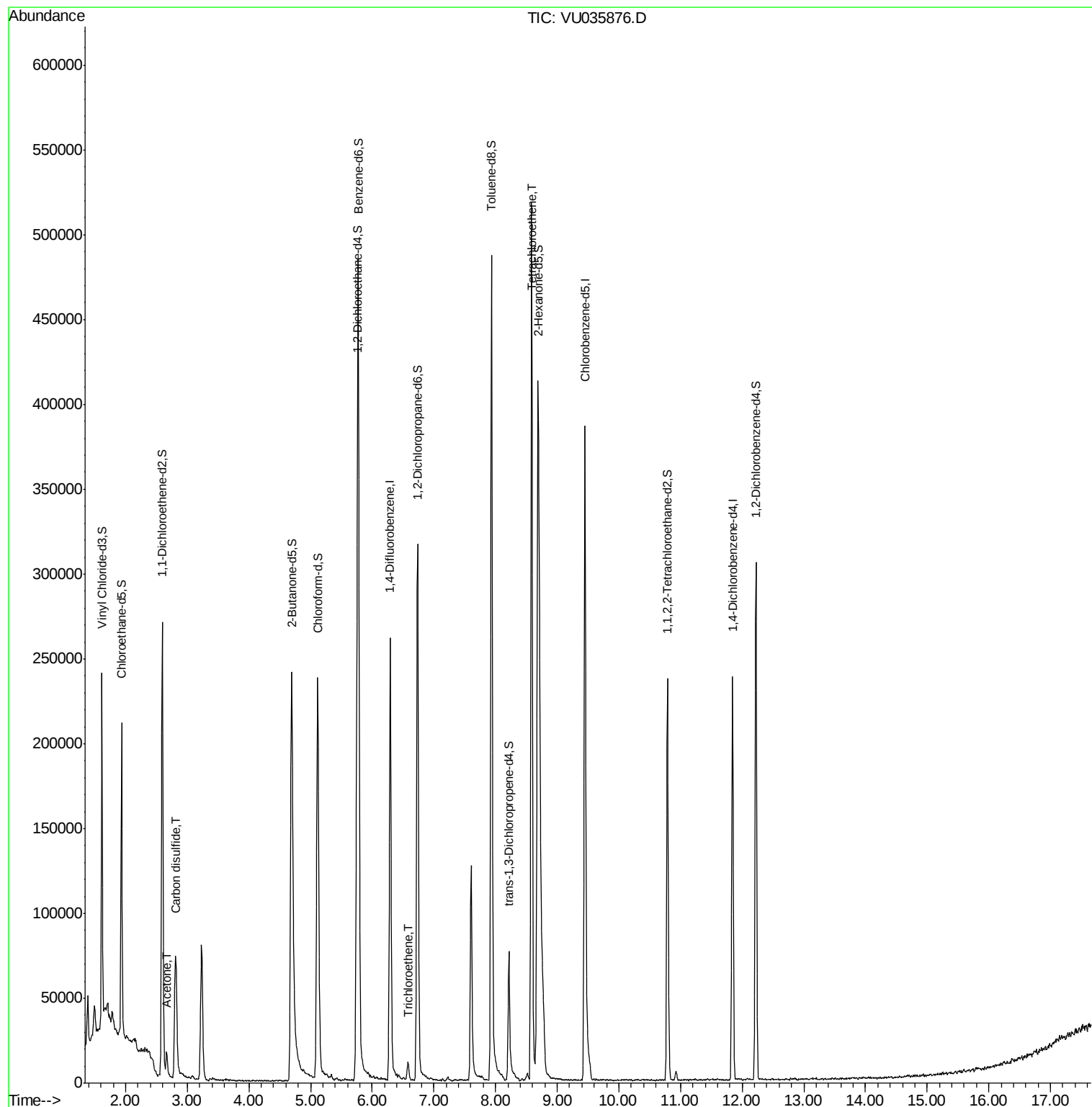
Target Compounds					Qvalue
13) Acetone	2.66	43	15398	2.809 ug/L	98
14) Carbon disulfide	2.83	76	46324	0.649 ug/L	99
34) Trichloroethene	6.58	95	3527	0.145 ug/L	89
47) Tetrachloroethene	8.58	164	114561	6.190 ug/L	97

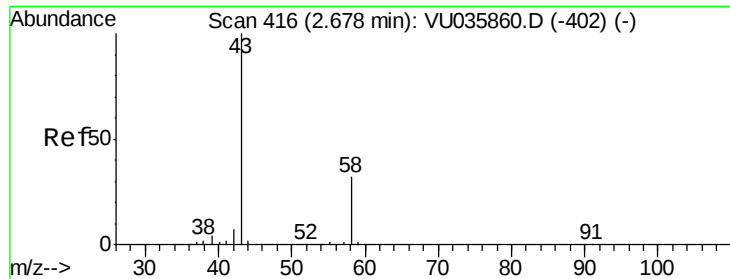
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.809 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU035876.D

Acq: 26 Nov 2019 22:58

Instrument :

MSVOA_U

ClientSampleId :

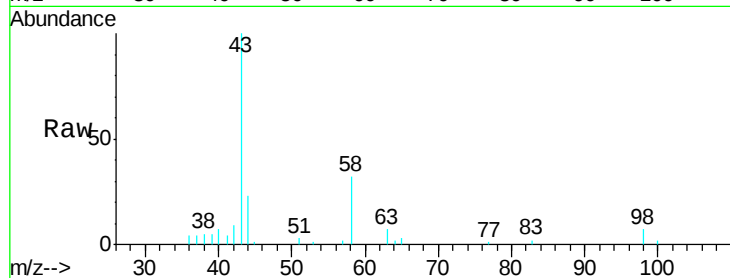
C0AA8

Tgt Ion: 43 Resp: 15398

Ion Ratio Lower Upper

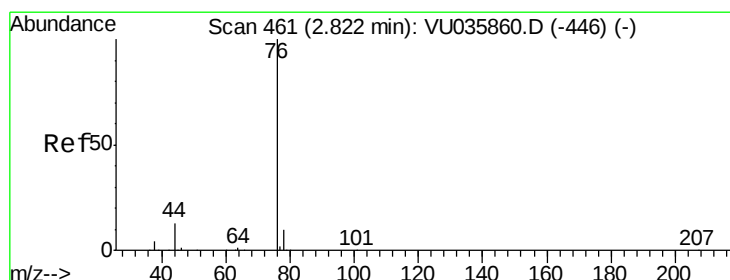
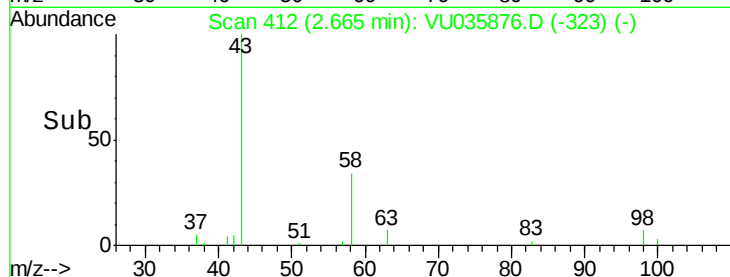
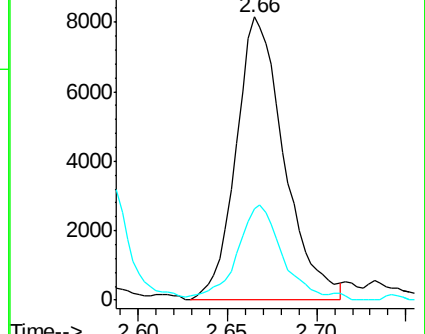
43 100

58 31.6 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035860.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035860.D (-402) (-)



#14

Carbon disulfide

Concen: 0.649 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035876.D

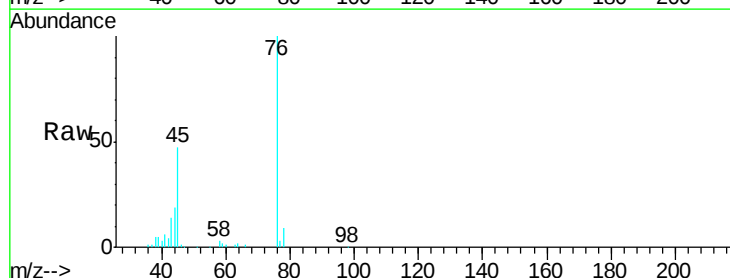
Acq: 26 Nov 2019 22:58

Tgt Ion: 76 Resp: 46324

Ion Ratio Lower Upper

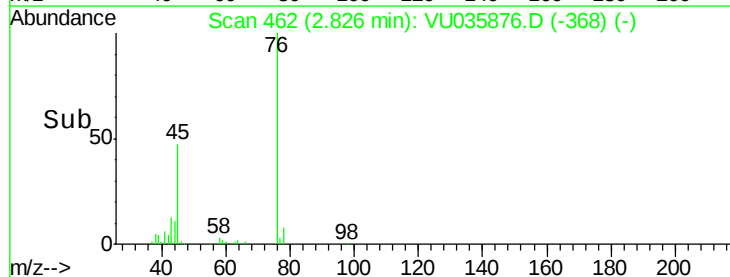
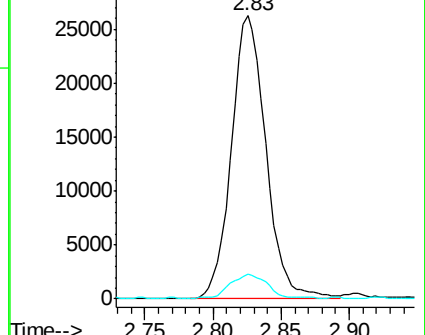
76 100

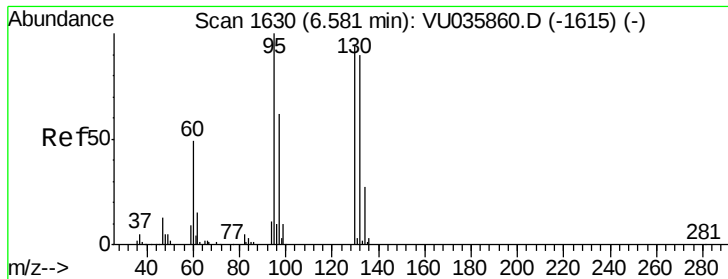
78 8.6 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035860.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035860.D (-446) (-)





#34

Trichloroethene

Concen: 0.145 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU035876.D

Acq: 26 Nov 2019 22:58

Instrument :

MSVOA_U

ClientSampleId :

C0AA8

Tgt Ion: 95 Resp: 3527

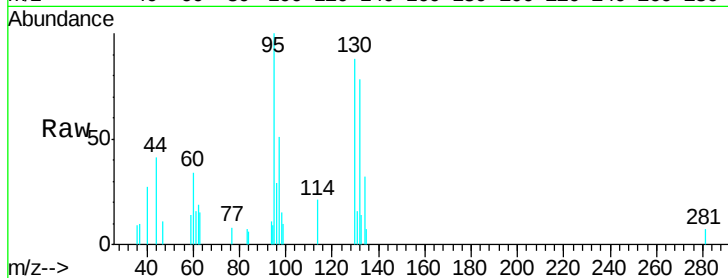
Ion Ratio Lower Upper

95 100

97 50.6 45.1 83.9

132 77.6 61.9 114.9

130 87.8 66.3 123.1

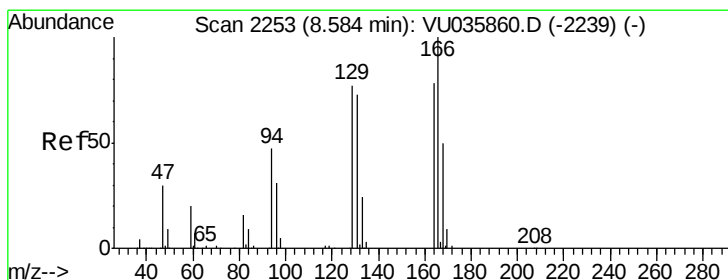
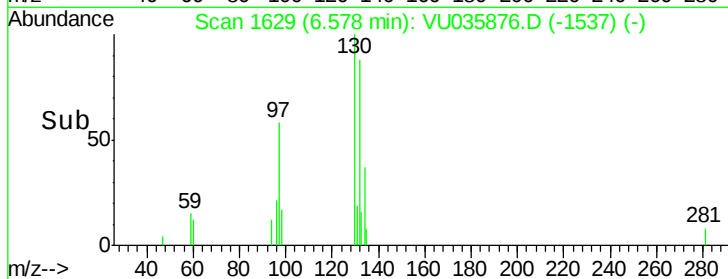
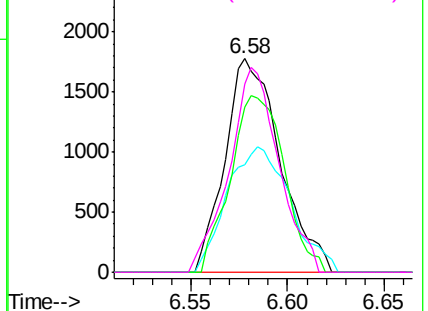


Abundance Ion 95.00 (94.70 to 95.70): VU035876.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035876.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035876.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035876.D (-1537) (-)



#47

Tetrachloroethene

Concen: 6.190 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035876.D

Acq: 26 Nov 2019 22:58

Tgt Ion: 164 Resp: 114561

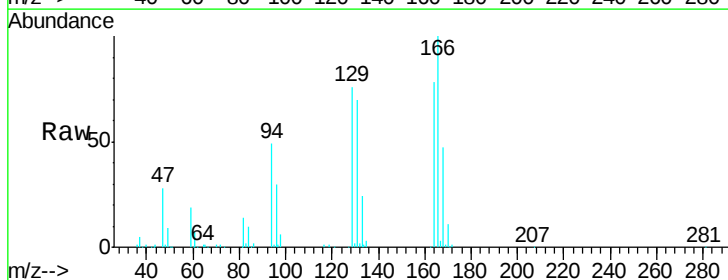
Ion Ratio Lower Upper

164 100

129 97.4 68.8 127.8

131 89.5 67.3 124.9

166 127.5 91.6 170.2



Abundance Ion 163.90 (163.60 to 164.60): VU035876.D (-2160) (-)

Ion 128.95 (128.65 to 129.65): VU035876.D (-2160) (-)

Ion 130.95 (130.65 to 131.65): VU035876.D (-2160) (-)

Ion 165.90 (165.60 to 166.60): VU035876.D (-2160) (-)

