

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112619\
 Data File : VU035868.D
 Acq On : 26 Nov 2019 19:43
 Operator : JC/SP
 Sample : K6057-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA0

Quant Time: Nov 27 04:00:24 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	212288	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252659	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	76606	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	147215	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.93	69	134766	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.59	63	178323	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.69	46	242640	37.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.62%
24) Chloroform-d	5.11	84	212764	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.75	65	129459	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	449280	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.74	67	156268	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.93	98	355735	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.22	79	54420	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.69	63	241802	47.60	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	123871	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	90647	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

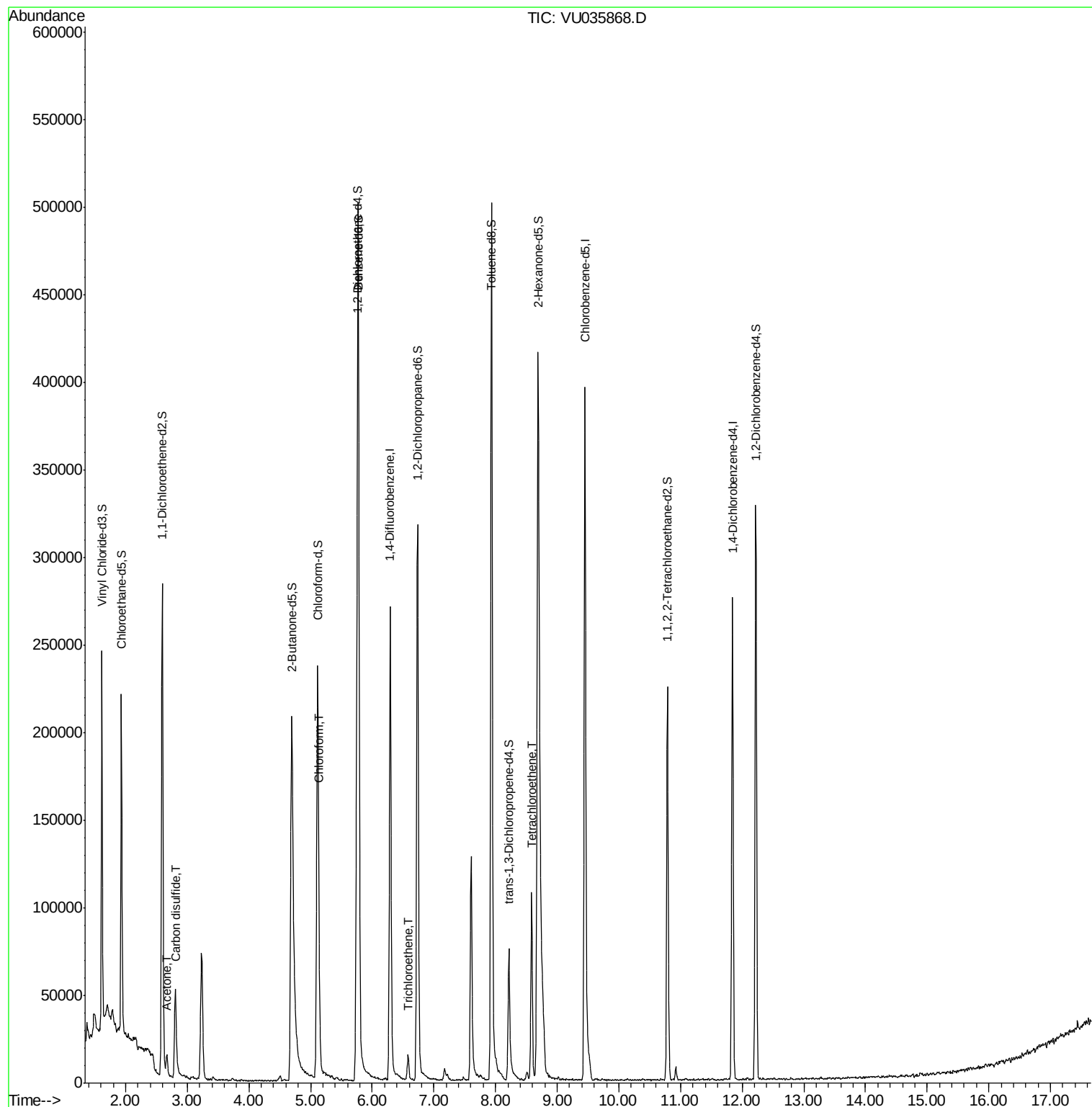
					Qvalue
13) Acetone	2.67	43	12641	2.243 ug/L	91
14) Carbon disulfide	2.83	76	5714	0.078 ug/L #	85
25) Chloroform	5.14	83	25880	0.544 ug/L	98
34) Trichloroethene	6.58	95	4238	0.164 ug/L	98
47) Tetrachloroethene	8.59	164	24745	1.258 ug/L	93

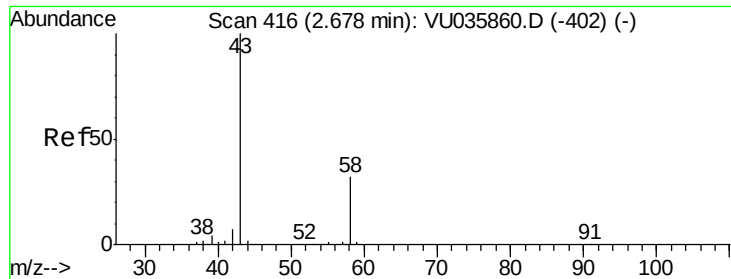
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.243 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035868.D

Acq: 26 Nov 2019 19:43

Instrument :

MSVOA_U

ClientSampleId :

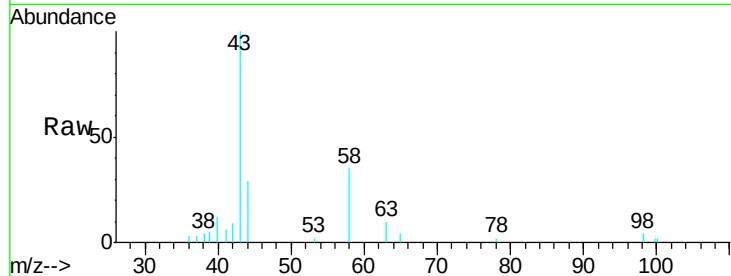
C0AA0

Tgt Ion: 43 Resp: 12641

Ion Ratio Lower Upper

43 100

58 35.6 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035868.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU035868.D (-323) (-)

8000

6000

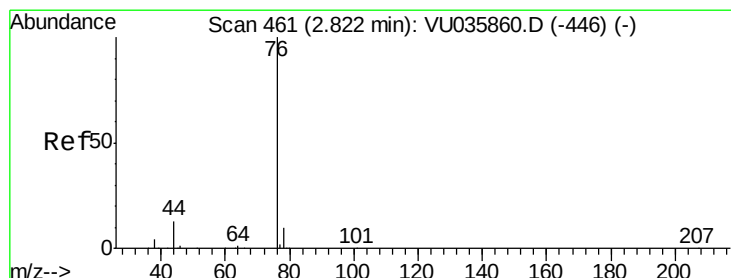
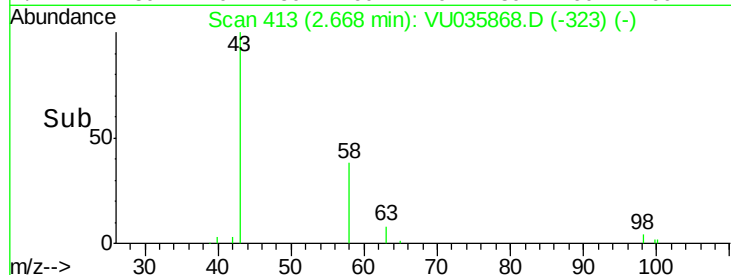
4000

2000

0

2.60 2.65 2.70 2.75

Time-->



#14

Carbon disulfide

Concen: 0.078 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035868.D

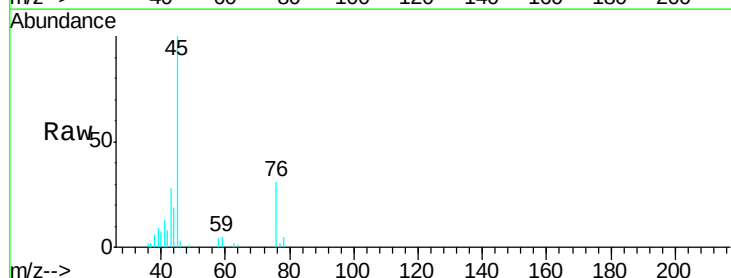
Acq: 26 Nov 2019 19:43

Tgt Ion: 76 Resp: 5714

Ion Ratio Lower Upper

76 100

78 14.5 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VU035868.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU035868.D (-368) (-)

4000

3000

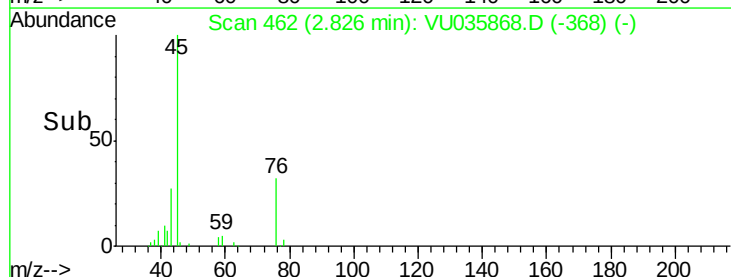
2000

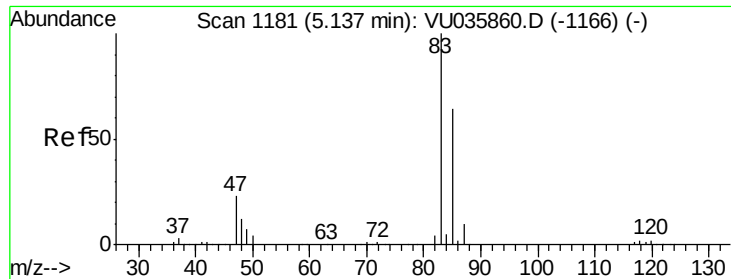
1000

0

2.80 2.85 2.90

Time-->





#25

Chloroform

Concen: 0.544 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035868.D

Acq: 26 Nov 2019 19:43

Instrument :

MSVOA_U

ClientSampleId :

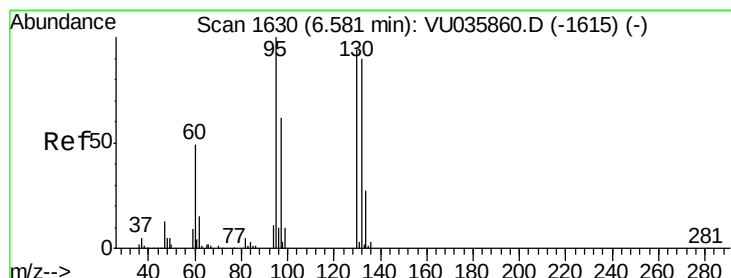
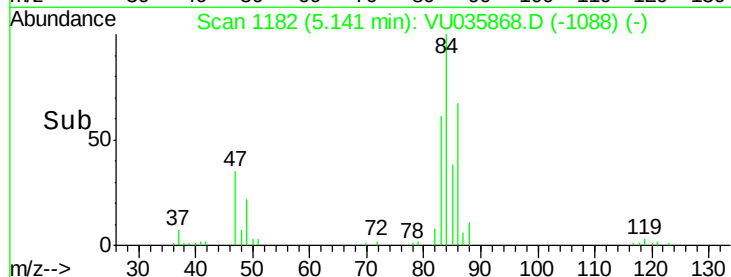
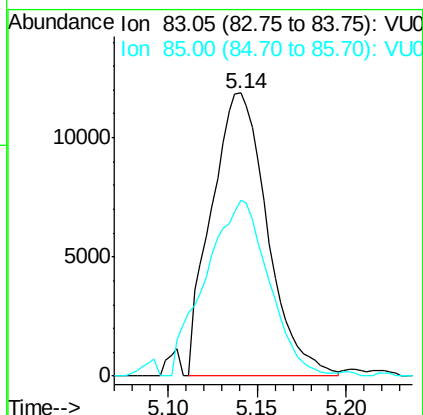
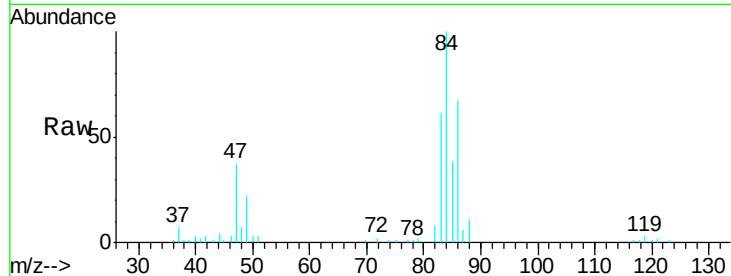
C0AA0

Tgt Ion: 83 Resp: 25880

Ion Ratio Lower Upper

83 100

85 62.1 44.6 82.8



#34

Trichloroethene

Concen: 0.164 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035868.D

Acq: 26 Nov 2019 19:43

Tgt Ion: 95 Resp: 4238

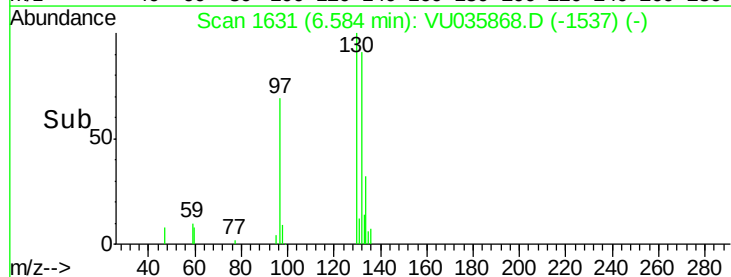
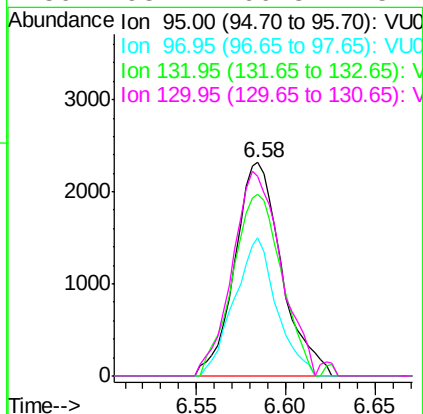
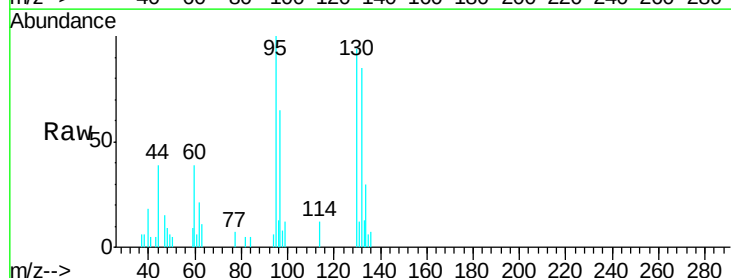
Ion Ratio Lower Upper

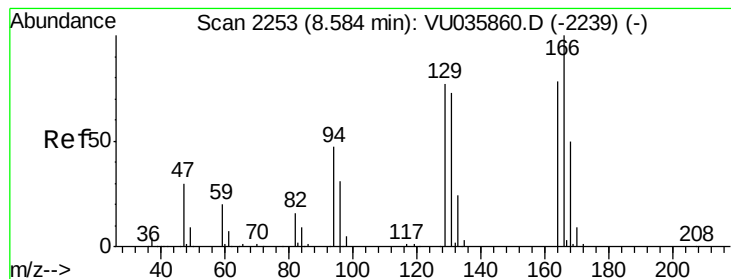
95 100

97 64.7 45.1 83.9

132 85.0 61.9 114.9

130 93.7 66.3 123.1





#47

Tetrachloroethene

Concen: 1.258 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035868.D

Acq: 26 Nov 2019 19:43

Instrument :
MSVOA_U
ClientSampleId :
C0AA0

Tgt Ion:164 Resp: 24745

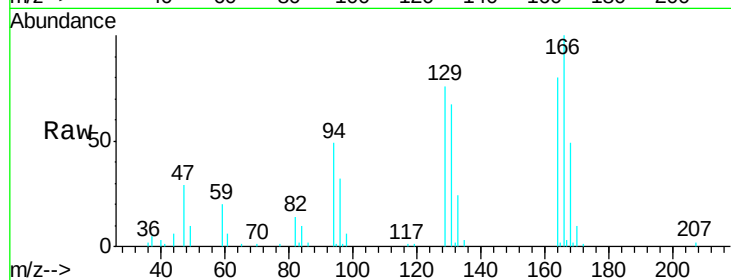
Ion Ratio Lower Upper

164 100

129 94.8 68.8 127.8

131 83.9 67.3 124.9

166 125.0 91.6 170.2



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

