

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120219\
 Data File : VU035936.D
 Acq On : 02 Dec 2019 16:09
 Operator : JC/SP
 Sample : K6056-14 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE20

Quant Time: Dec 02 18:27:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 02 18:11:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	227410	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	272775	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	102972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	189648	6.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.60%
7) Chloroethane-d5	1.93	69	149387	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.20%
11) 1,1-Dichloroethene-d2	2.59	63	203954	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.70	46	319969	46.54	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.08%
24) Chloroform-d	5.11	84	246434	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.75	65	137174	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.77	84	490011	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.73	67	158073	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.93	98	401962	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.21	79	57092	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.68	63	251655	45.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.76%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	131396	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	121786	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

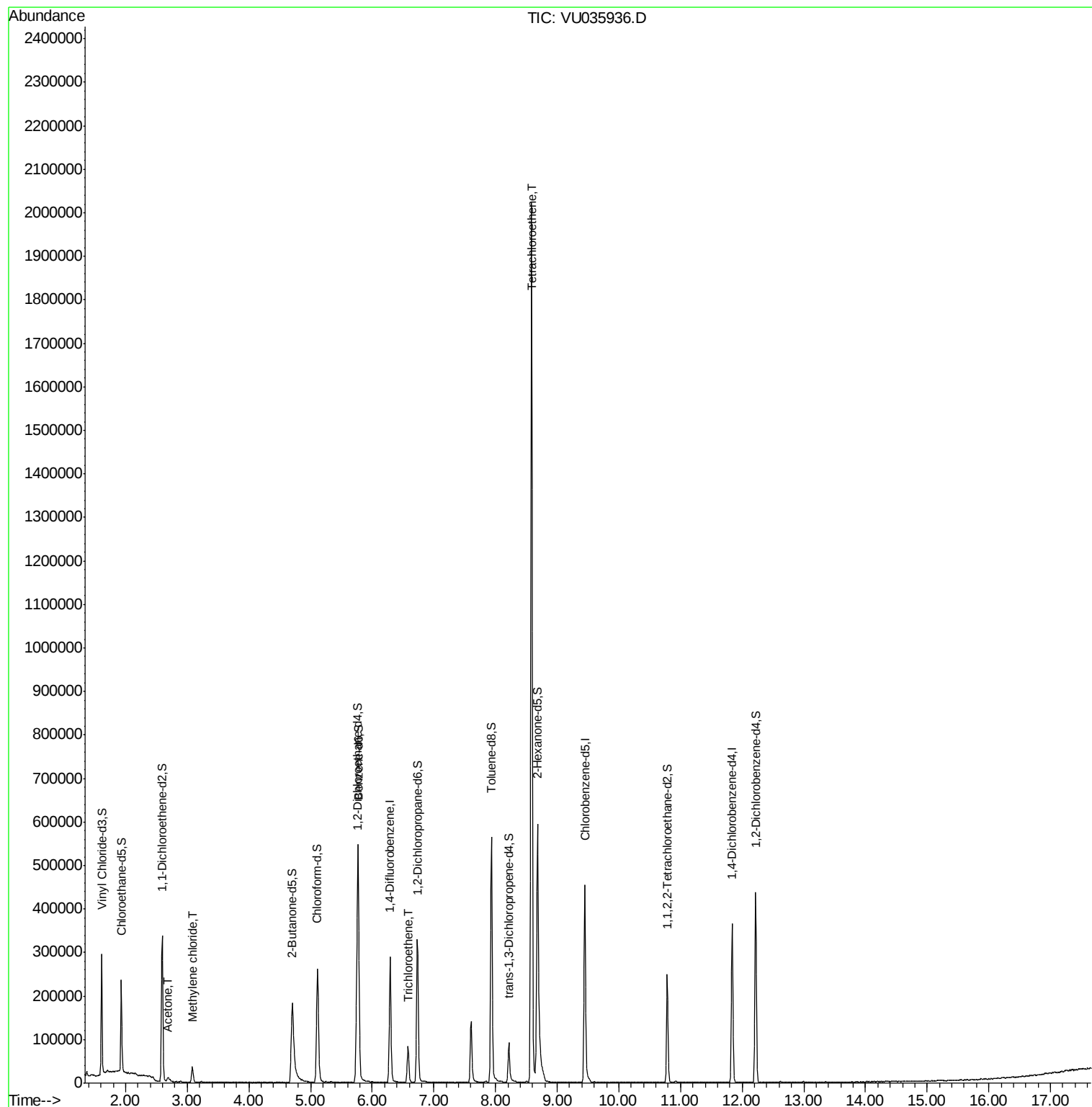
					Ovalue
13) Acetone	2.69	43	15563	2.577 ug/L	95
16) Methylene chloride	3.08	84	17400	0.609 ug/L	90
34) Trichloroethene	6.58	95	27640	0.990 ug/L	94
47) Tetrachloroethene	8.58	164	462064	21.751 ug/L	98

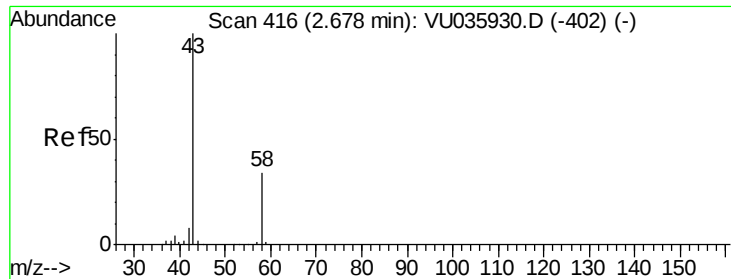
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.577 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.03 min

Lab File: VU035936.D

Acq: 02 Dec 2019 16:09

Instrument :

MSVOA_U

ClientSampleId :

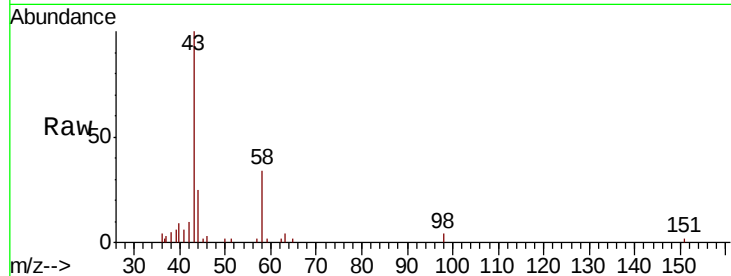
BFE20

Tot Ion: 43 Resp: 15563

Ion Ratio Lower Upper

43 100

58 33.3 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035936.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU035936.D (-319) (-)

2.69

6000

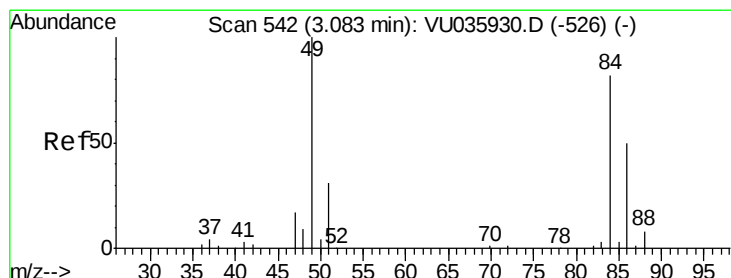
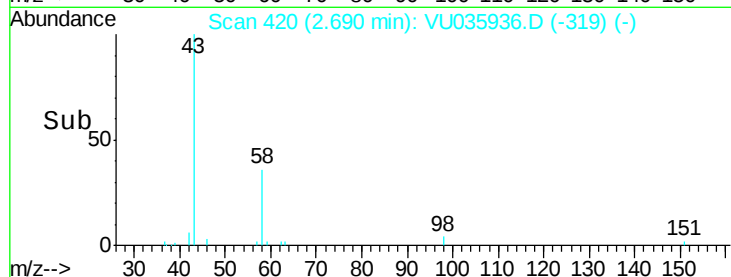
4000

2000

0

Time-->

2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.609 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

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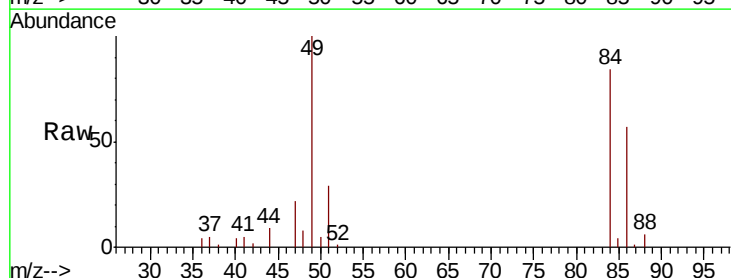
Tgt Ion: 84 Resp: 17400

Ion Ratio Lower Upper

84 100

86 67.6 44.4 82.5

49 119.6 94.0 174.6



Abundance Ion 84.05 (83.75 to 84.75): VU035936.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU035936.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU035936.D (-448) (-)

15000

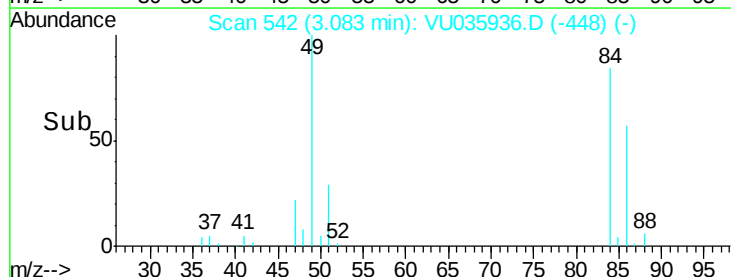
10000

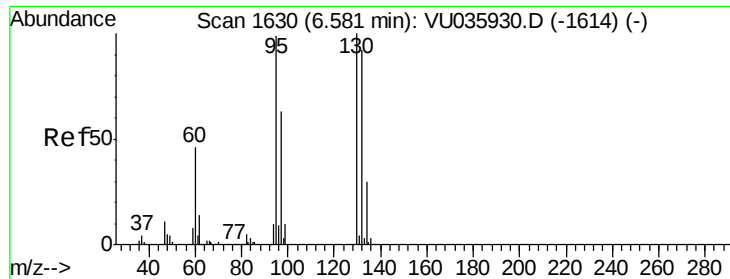
5000

0

Time-->

3.00 3.05 3.10 3.15

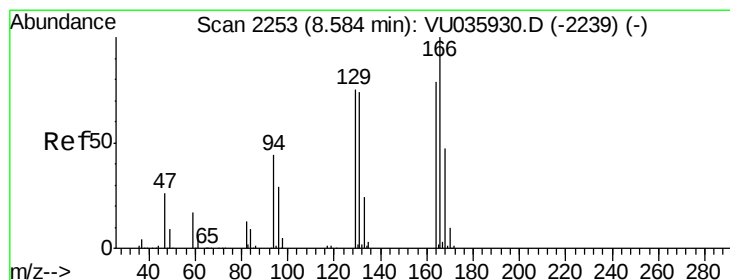
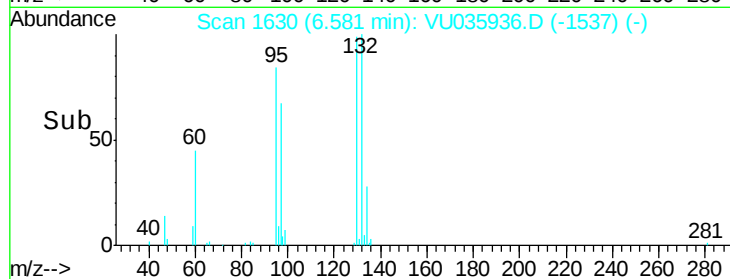
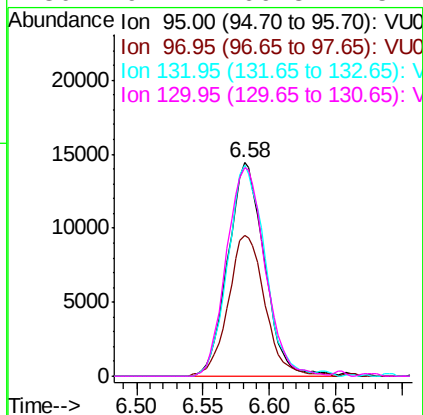
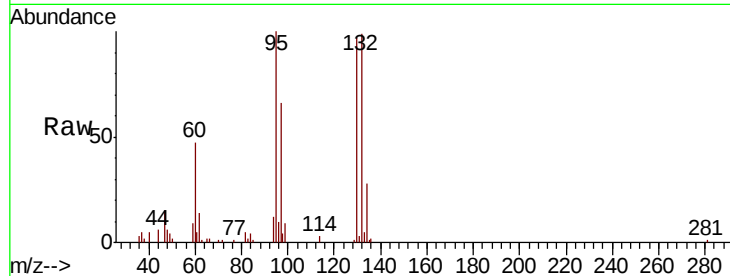




#34
 Trichloroethene
 Concen: 0.990 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035936.D
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Tot Ion:	95	Resp:	27640
Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.1	83.9
132	98.8	61.9	114.9
130	97.4	66.3	123.1



#47
 Tetrachloroethene
 Concen: 21.751 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU035936.D
 Acq: 02 Dec 2019 16:09

Tgt Ion:	164	Resp:	462064
Ion	Ratio	Lower	Upper
164	100		
129	94.0	68.8	127.8
131	92.8	67.3	124.9
166	130.4	91.6	170.2

