

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037578.D
 Acq On : 03 Apr 2020 19:48
 Operator : JC/MD
 Sample : L2158-07 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0F04

Manual Integrations
 APPROVED

MMDadoda
 4/6/2020 11:09:56 AM

Quant Time: Apr 04 06:44:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 05:18:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	167280	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	158608	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	74061	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60512	44.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.08%
7) Chloroethane-d5	1.93	69	48341	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.58%
11) 1,1-Dichloroethene-d2	2.59	63	81290	35.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.20%
21) 2-Butanone-d5	4.67	46	104091	101.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.94%
24) Chloroform-d	5.10	84	104758	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
26) 1,2-Dichloroethane-d4	5.74	65	69661	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.68%
32) Benzene-d6	5.76	84	215170	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
36) 1,2-Dichloropropane-d6	6.72	67	73068	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.46%
41) Toluene-d8	7.92	98	198569	46.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.72%
43) trans-1,3-Dichloropropene-	8.20	79	37368	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.98%
47) 2-Hexanone-d5	8.66	63	77472	94.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103452	46.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	72344	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	1989m	1.793	ug/L
34) Trichloroethene	6.57	95	19768	18.191	ug/L
46) Tetrachloroethene	8.58	164	1054	1.445	ug/L

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

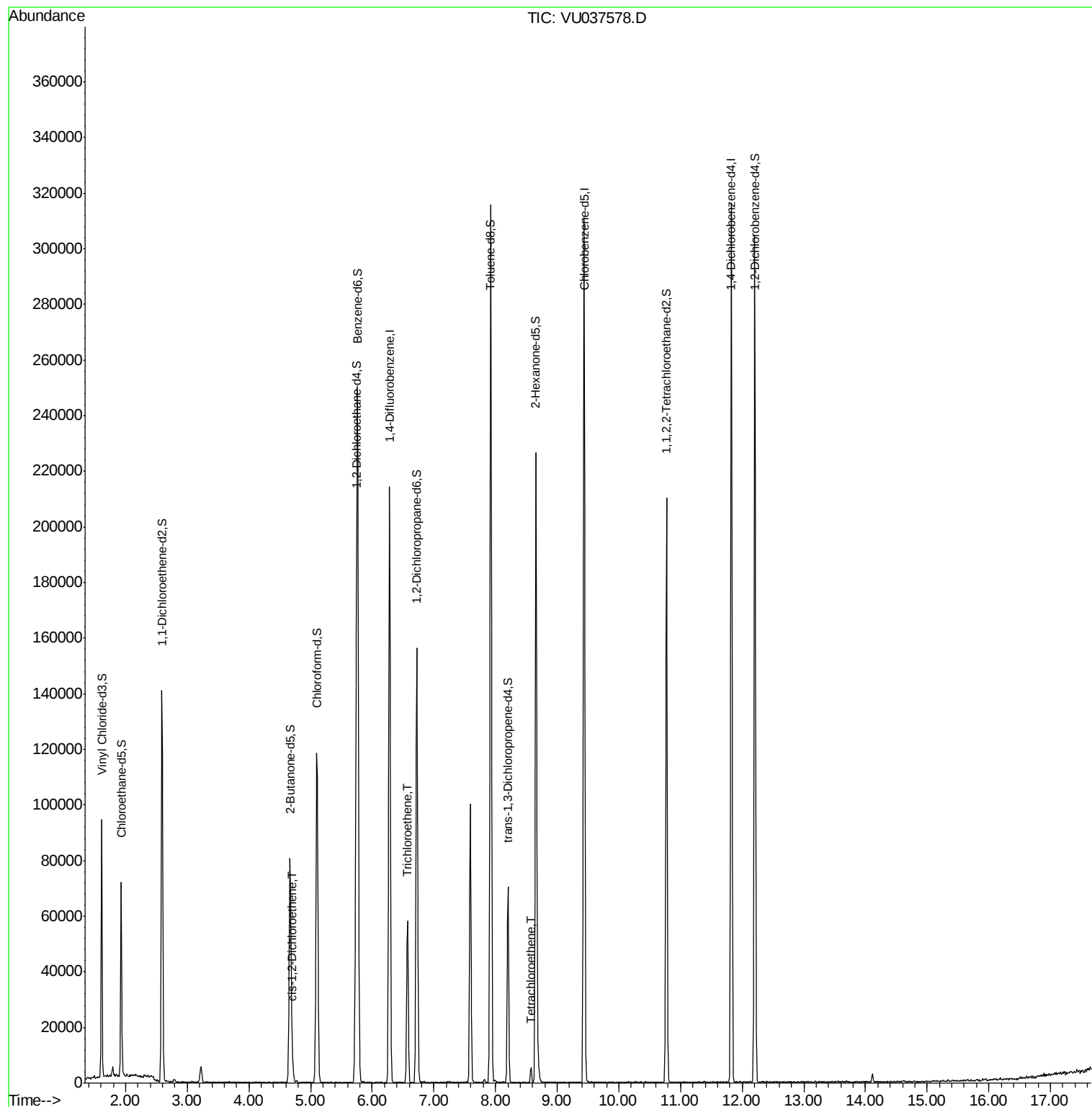
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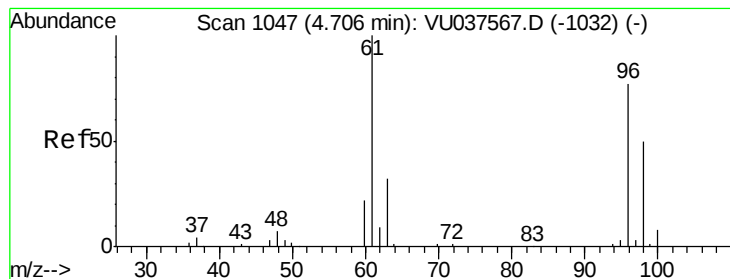
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#20

cis-1,2-Dichloroethene

Concen: 1.793 ug/L m

RT: 4.71 min Scan# 1049

Delta R.T. 0.01 min

Lab File: VU037578.D

Acq: 03 Apr 2020 19:48

Instrument :

MSVOA_U

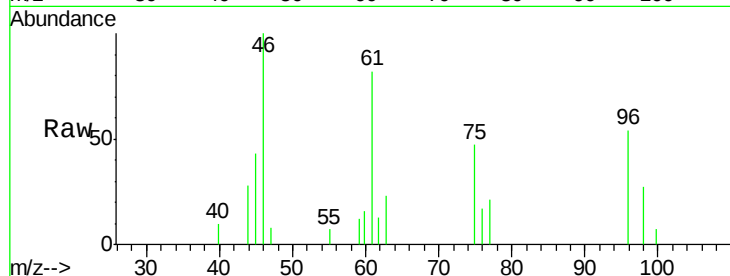
ClientSampled :

C0F04

Tot Ion:	96	Resp:	1989
Ion	Ratio	Lower	Upper
96	100		
61	152.5	90.2	167.6
68	0.0	0.0	0.0

Manual Integrations
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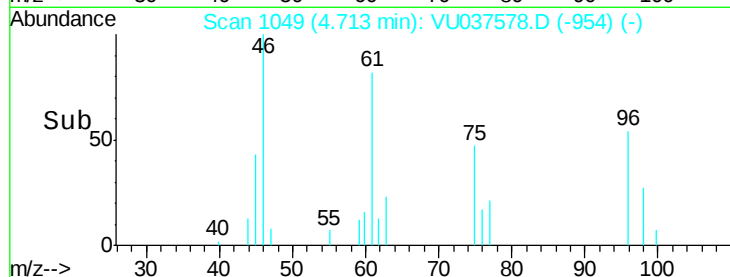


Abundance Ion 96.00 (95.70 to 96.70): VU037567.D (-1032) (-)

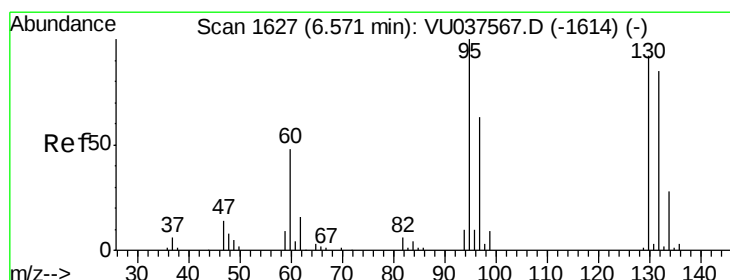
Ion 61.00 (60.70 to 61.70): VU037567.D (-1032) (-)

Ion 68.00 (67.70 to 68.70): VU037567.D (-1032) (-)

Time-->



Time-->



#34

Trichloroethene

Concen: 18.191 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037578.D

Acq: 03 Apr 2020 19:48

Tgt Ion:	95	Resp:	19768
Ion	Ratio	Lower	Upper
95	100		
97	60.2	45.2	84.0
132	85.4	63.7	118.3
130	97.2	64.5	119.7

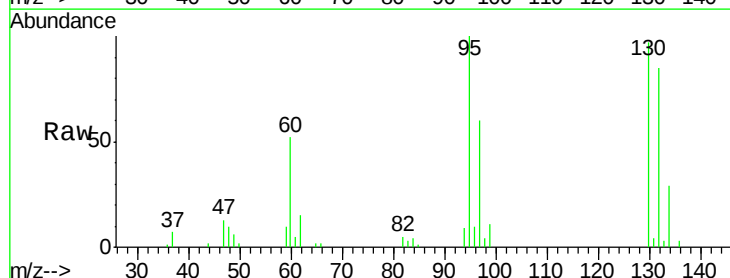
Abundance Ion 95.00 (94.70 to 95.70): VU037567.D (-1614) (-)

Ion 97.00 (96.70 to 97.70): VU037567.D (-1614) (-)

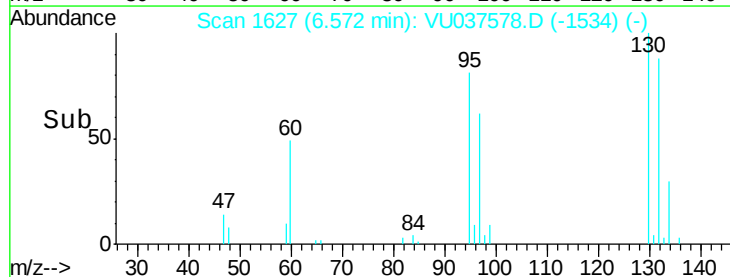
Ion 132.00 (131.70 to 132.70): VU037567.D (-1614) (-)

Ion 130.00 (129.70 to 130.70): VU037567.D (-1614) (-)

Time-->

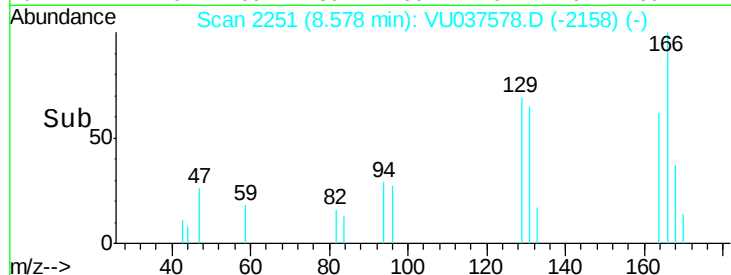
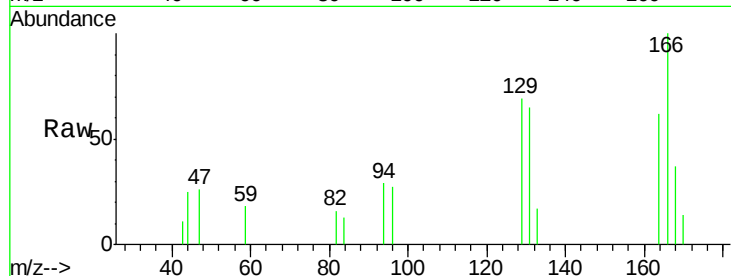
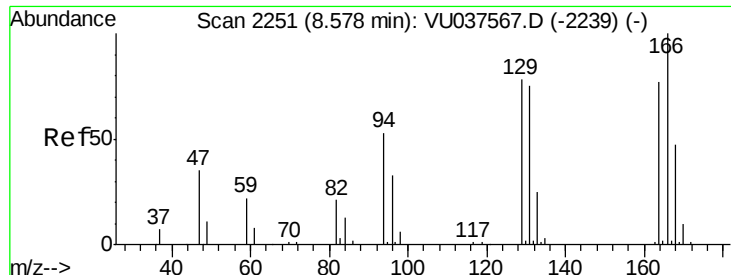


Time-->



Time-->

Time-->



#46

Tetrachloroethene

Concen: 1.445 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

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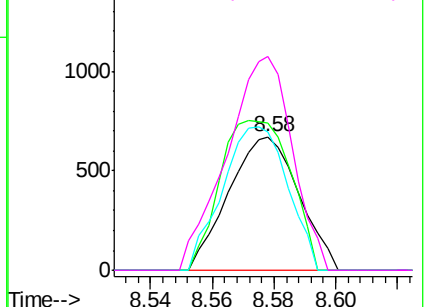
Tot Ion:	164	Resp:	1054
Ion	Ratio	Lower	Upper
164	100		
129	110.6	76.5	142.1
131	104.0	71.7	133.1
166	160.4	88.8	165.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



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