

Data File : VU033646.D
Acq On : 08 Aug 2019 18:33
Operator : JC/SP
Sample : K4202-05DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B22DL

Quant Time: Aug 09 08:24:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	296806	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	299448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	140715	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	151624	45.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.50%
7) Chloroethane-d5	1.67	69	124431	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.74%
11) 1,1-Dichloroethene-d2	2.26	63	192230	35.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.98%
21) 2-Butanone-d5	4.15	46	211944	86.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.37%
24) Chloroform-d	4.62	84	224946	40.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.04%
26) 1,2-Dichloroethane-d4	5.29	65	153003	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.46%
32) Benzene-d6	5.32	84	479306	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.84%
36) 1,2-Dichloropropane-d6	6.31	67	152704	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.02%
41) Toluene-d8	7.55	98	433195	41.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.92%
43) trans-1,3-Dichloropropene-	7.83	79	72263	41.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.16%
47) 2-Hexanone-d5	8.30	63	152470	85.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.77%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	227342	40.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	171958	44.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.46%

Target Compounds

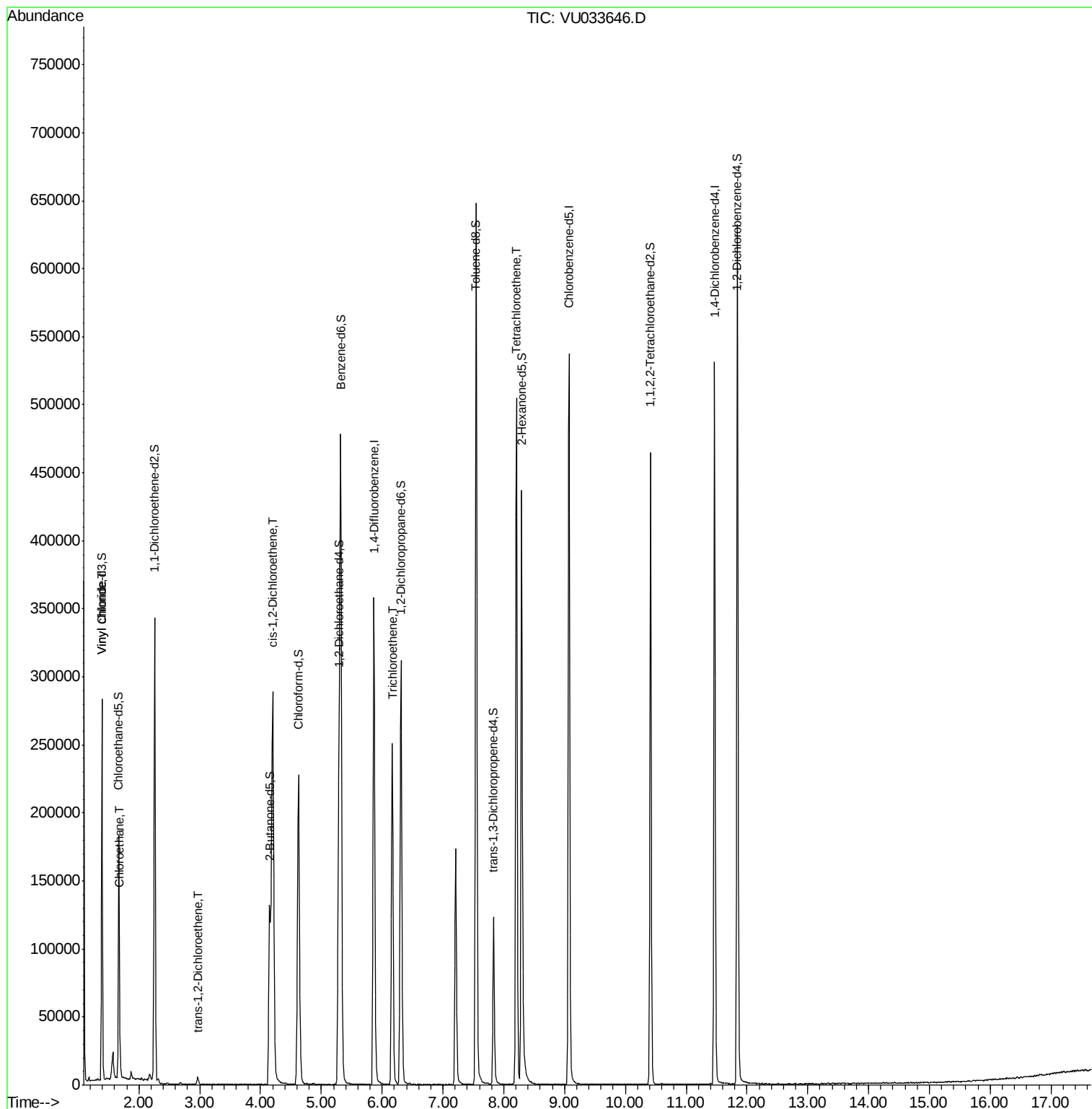
						Qvalue
5) Vinyl chloride	1.40	62	36124	11.213	ug/L	94
8) Chloroethane	1.69	64	6504	3.237	ug/L	96
17) trans-1,2-Dichloroethene	2.97	96	2390	1.093	ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	157686	64.010	ug/L	100
34) Trichloroethene	6.17	95	87421	36.054	ug/L	97
46) Tetrachloroethene	8.21	164	112008	56.941	ug/L	99

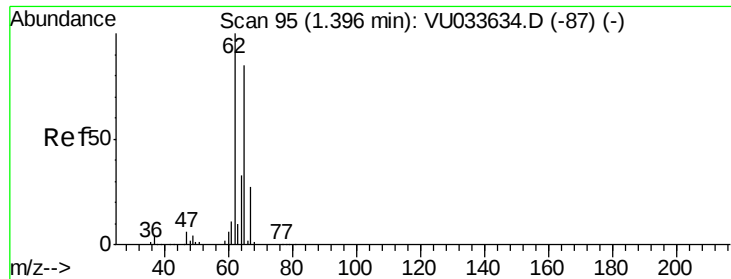
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.213 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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Acq: 08 Aug 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

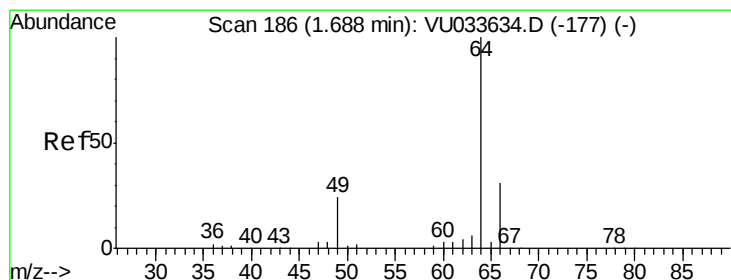
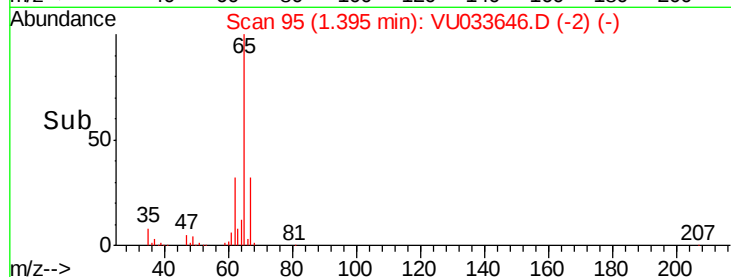
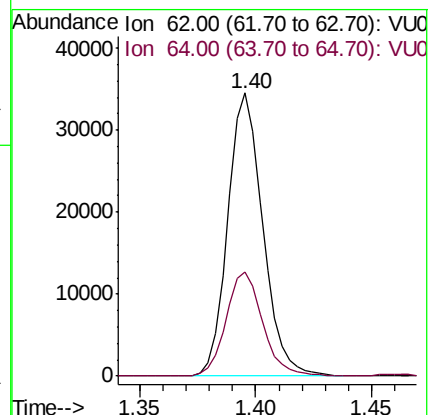
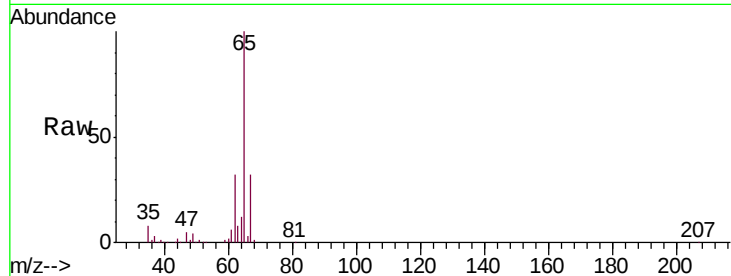
F2B22DL

Tgt Ion: 62 Resp: 36124

Ion Ratio Lower Upper

62 100

64 36.9 23.6 43.8



#8

Chloroethane

Concen: 3.237 ug/L

RT: 1.69 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU033646.D

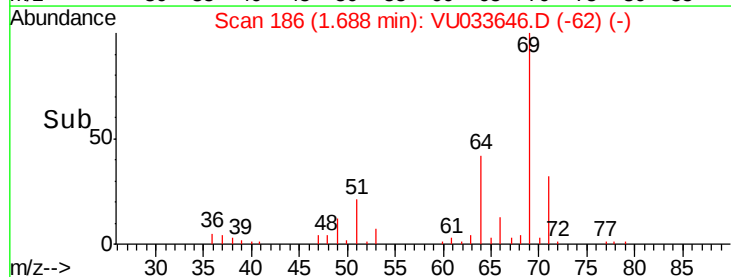
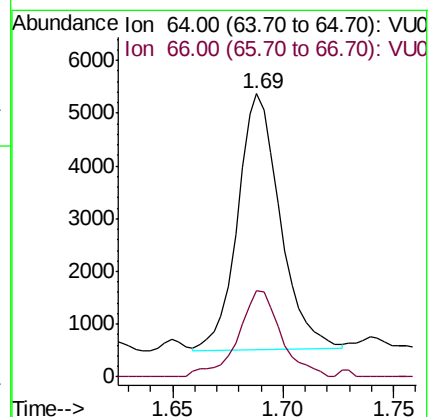
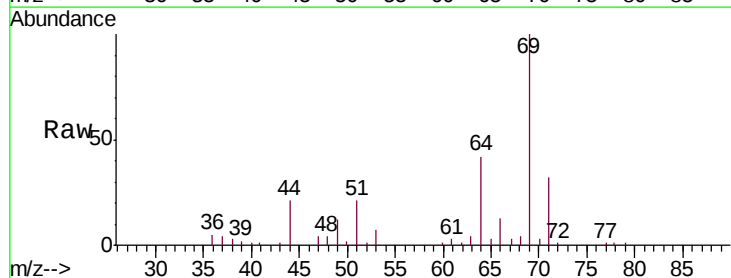
Acq: 08 Aug 2019 18:33

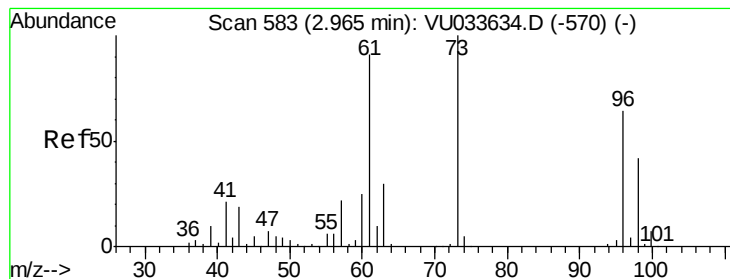
Tgt Ion: 64 Resp: 6504

Ion Ratio Lower Upper

64 100

66 30.4 23.0 42.8





#17

trans-1,2-Dichloroethene

Concen: 1.093 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU033646.D

Acq: 08 Aug 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

F2B22DL

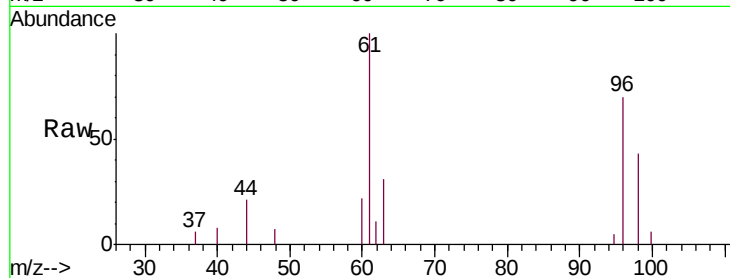
Tgt Ion: 96 Resp: 2390

Ion Ratio Lower Upper

96 100

61 142.7 98.7 183.3

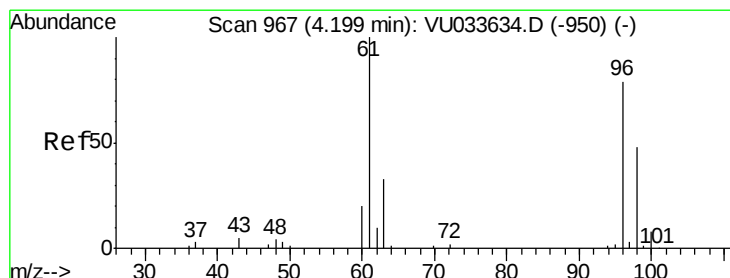
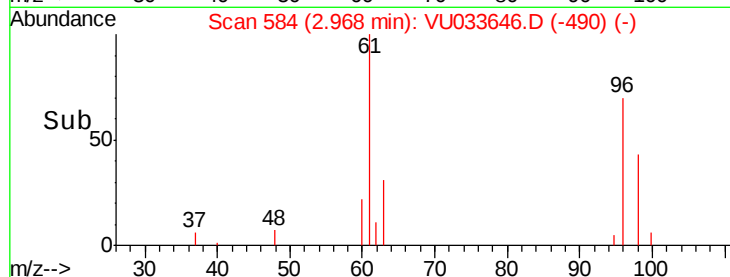
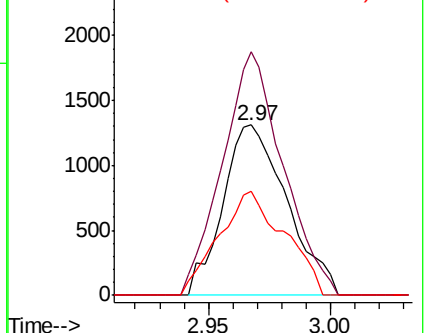
98 60.7 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VU033634.D (-570) (-)

Ion 61.00 (60.70 to 61.70): VU033634.D (-570) (-)

Ion 98.00 (97.70 to 98.70): VU033634.D (-570) (-)



#20

cis-1,2-Dichloroethene

Concen: 64.010 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033646.D

Acq: 08 Aug 2019 18:33

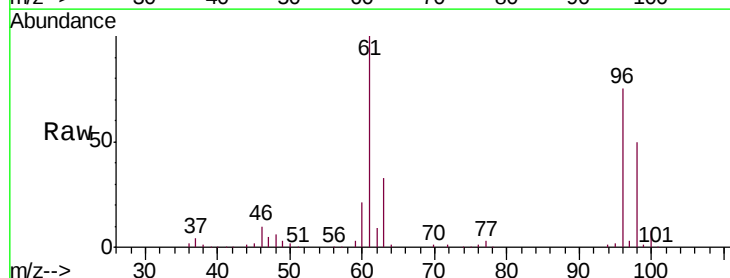
Tgt Ion: 96 Resp: 157686

Ion Ratio Lower Upper

96 100

61 132.7 93.0 172.8

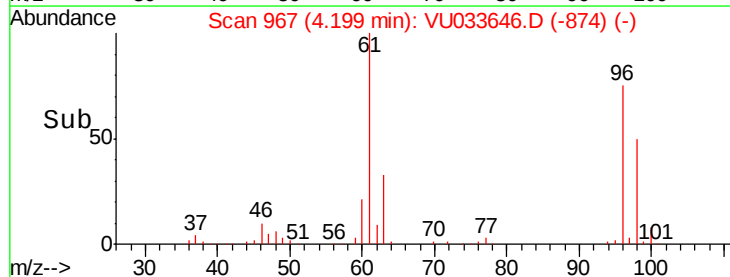
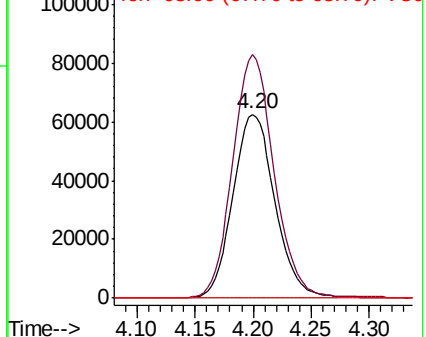
68 0.0 0.0 0.0

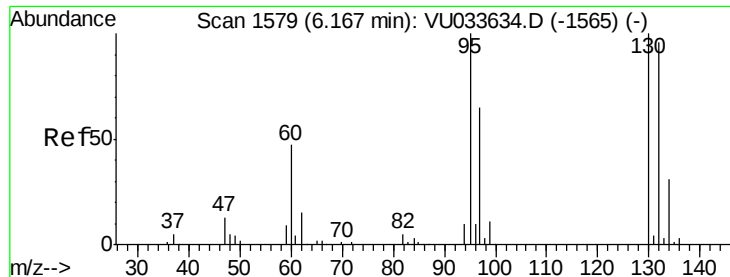


Abundance Ion 96.00 (95.70 to 96.70): VU033634.D (-950) (-)

Ion 61.00 (60.70 to 61.70): VU033634.D (-950) (-)

Ion 68.00 (67.70 to 68.70): VU033634.D (-950) (-)





#34

Trichloroethene

Concen: 36.054 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. -0.00 min

Lab File: VU033646.D

Acq: 08 Aug 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

F2B22DL

Tgt Ion: 95 Resp: 87421

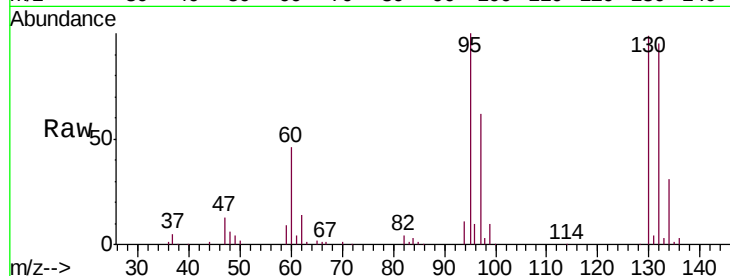
Ion Ratio Lower Upper

95 100

97 61.9 44.4 82.5

132 95.0 69.1 128.3

130 99.0 71.7 133.3

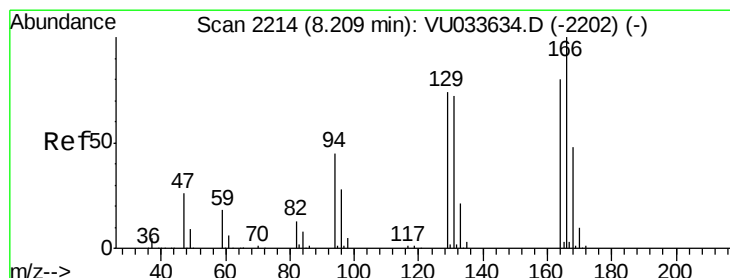
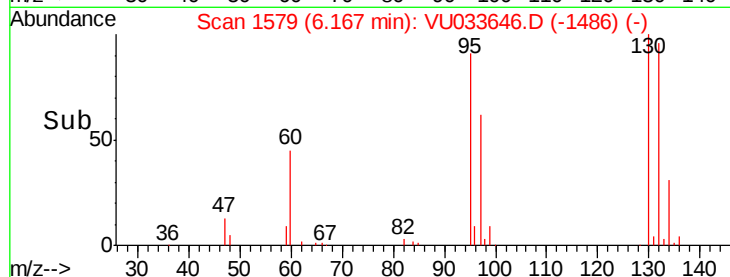
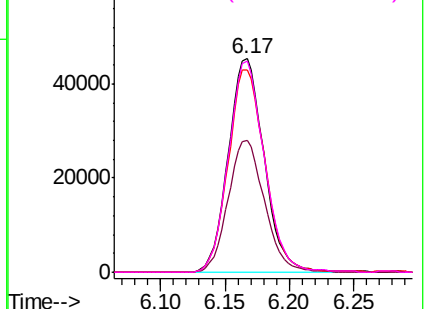


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 56.941 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU033646.D

Acq: 08 Aug 2019 18:33

Tgt Ion: 164 Resp: 112008

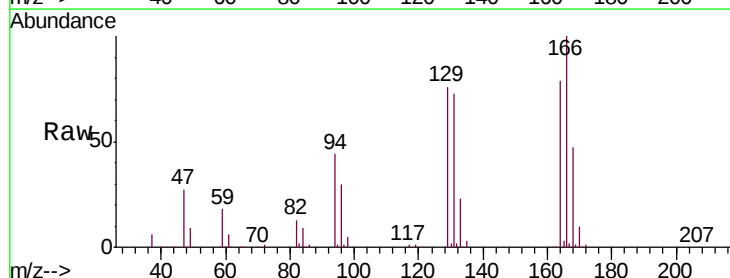
Ion Ratio Lower Upper

164 100

129 95.9 68.1 126.5

131 92.3 65.5 121.6

166 125.9 88.5 164.3



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

