

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
 Data File : VU032023.D
 Acq On : 15 May 2019 11:49
 Operator : JC/SP
 Sample : K2738-10DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB895DL

Quant Time: May 16 05:21:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 16 04:24:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1046369	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1038296	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	405530	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	369081	40.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.40%
7) Chloroethane-d5	1.67	69	316123	42.52	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.04%
11) 1,1-Dichloroethene-d2	2.27	63	537868	32.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.36%
21) 2-Butanone-d5	4.17	46	594600	92.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.48%
24) Chloroform-d	4.64	84	675147	43.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.86%
26) 1,2-Dichloroethane-d4	5.30	65	436106	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
32) Benzene-d6	5.33	84	1446266	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
36) 1,2-Dichloropropane-d6	6.32	67	482505	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.30%
41) Toluene-d8	7.56	98	1235089	45.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.72%
43) trans-1,3-Dichloropropene-	7.85	79	196862	44.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.98%
47) 2-Hexanone-d5	8.31	63	376127	93.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	659816	44.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.90%
64) 1,2-Dichlorobenzene-d4	11.85	152	430498	50.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.90%

Target Compounds

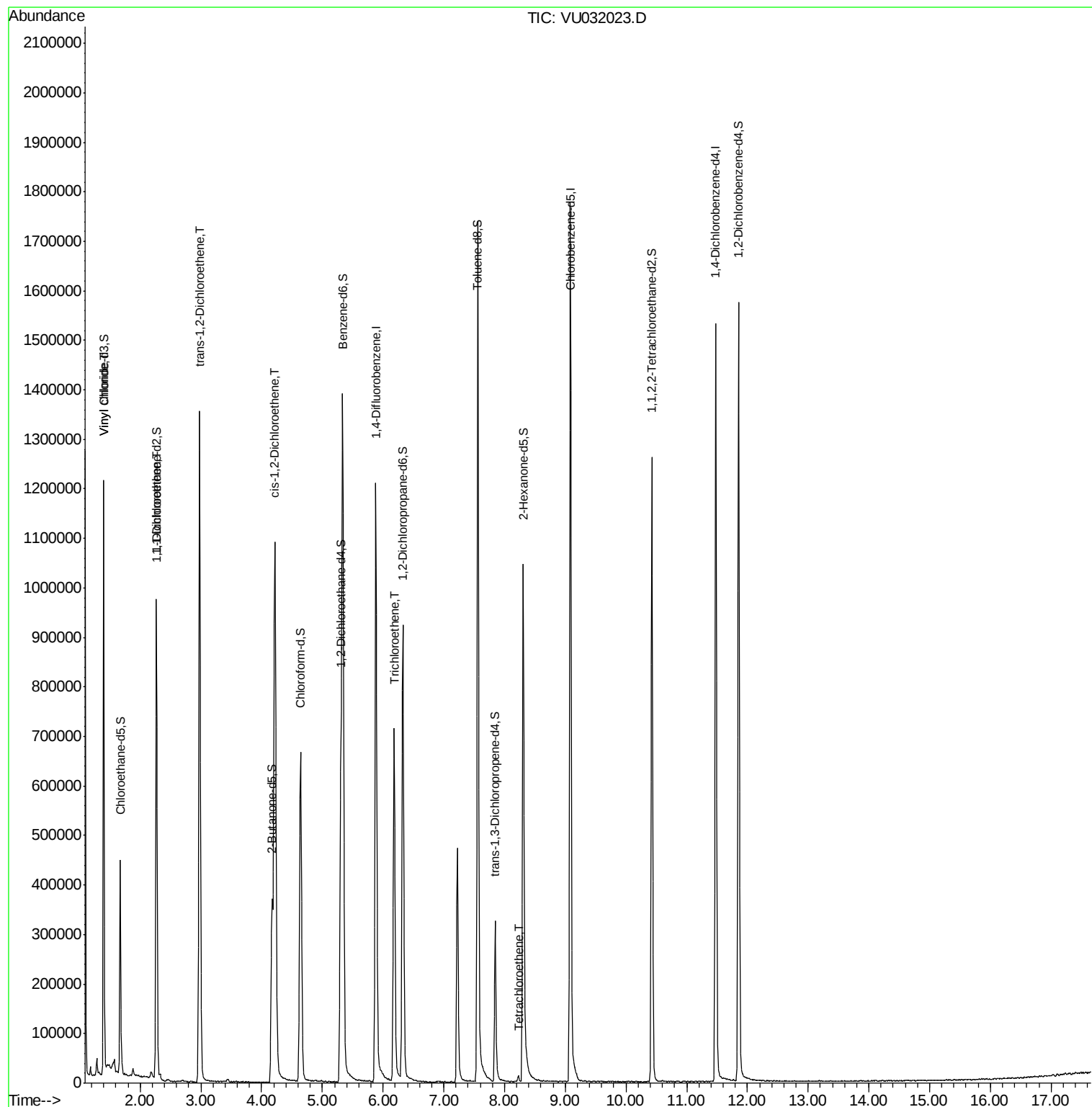
					Ovalue
5) Vinyl chloride	1.40	62	451954	40.101	ug/L 100
12) 1,1-Dichloroethene	2.28	96	38830	5.025	ug/L # 1
17) trans-1,2-Dichloroethene	2.98	96	539879	67.156	ug/L 96
20) cis-1,2-Dichloroethene	4.22	96	625471	70.339	ug/L 100
34) Trichloroethene	6.18	95	264198	31.367	ug/L 99
46) Tetrachloroethene	8.23	164	2855	0.480	ug/L 89

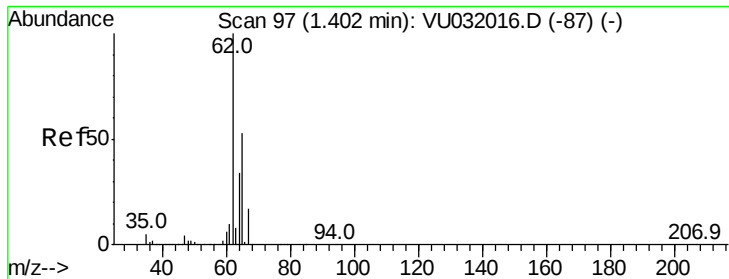
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 40.101 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU032023.D

Acq: 15 May 2019 11:49

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ClientSampleId :

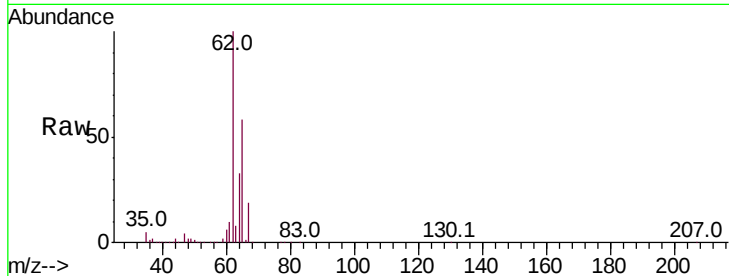
DB895DL

Tot Ion: 62 Resp: 451954

Ion Ratio Lower Upper

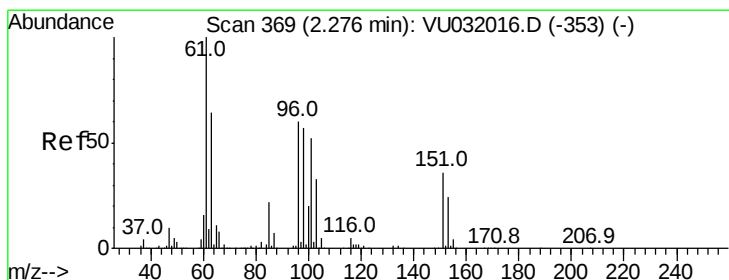
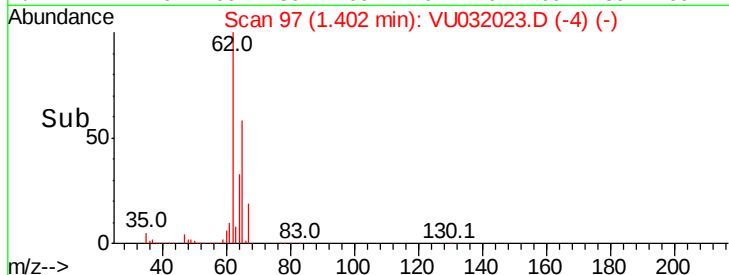
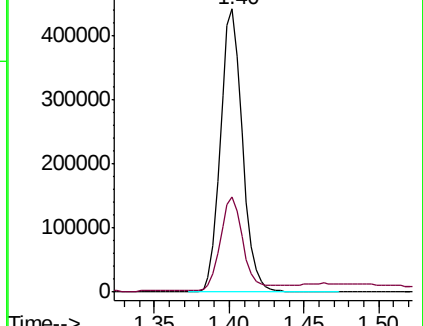
62 100

64 33.4 23.6 43.8



Abundance Ion 62.00 (61.70 to 62.70): VU032016.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU032016.D (-87) (-)



#12

1,1-Dichloroethene

Concen: 5.025 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU032023.D

Acq: 15 May 2019 11:49

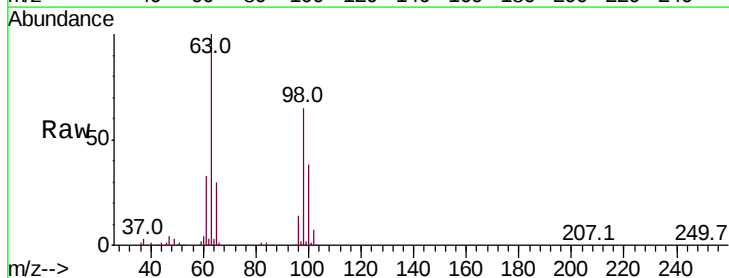
Tgt Ion: 96 Resp: 38830

Ion Ratio Lower Upper

96 100

61 232.6 120.9 224.5#

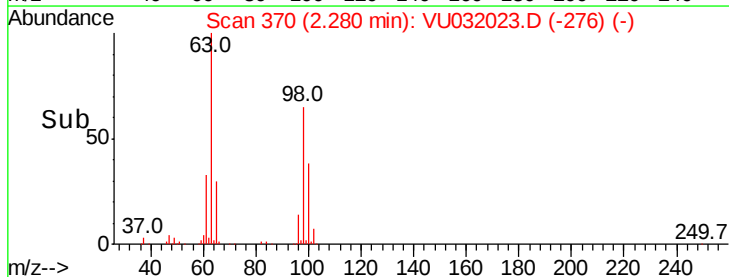
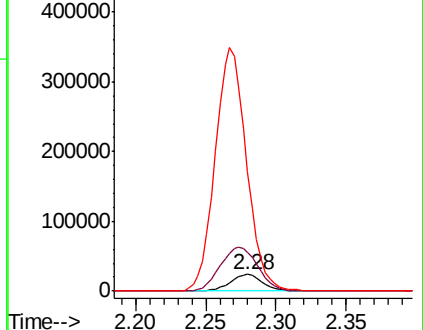
63 708.7 84.4 156.8#

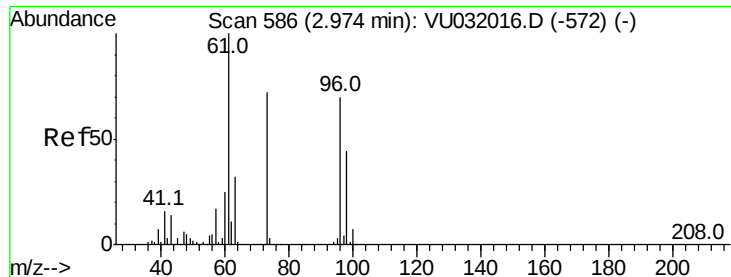


Abundance Ion 96.00 (95.70 to 96.70): VU032016.D (-353) (-)

Ion 61.00 (60.70 to 61.70): VU032016.D (-353) (-)

Ion 63.00 (62.70 to 63.70): VU032016.D (-353) (-)





#17

trans-1,2-Dichloroethene

Concen: 67.156 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032023.D

Acq: 15 May 2019 11:49

Instrument :

MSVOA_U

ClientSampleId :

DB895DL

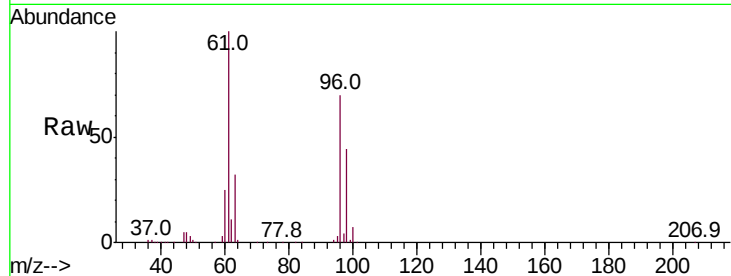
Tot Ion: 96 Resp: 539879

Ion Ratio Lower Upper

96 100

61 142.5 103.2 191.6

98 62.7 45.7 84.9



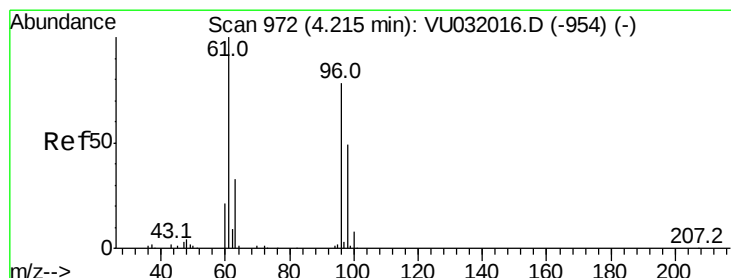
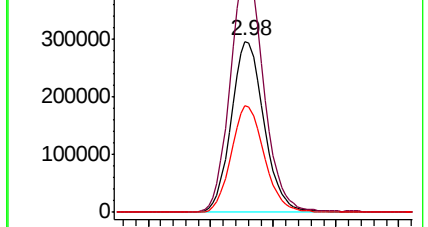
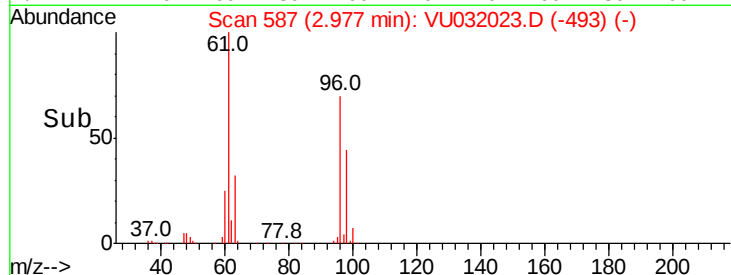
Abundance Ion 96.00 (95.70 to 96.70): VU032023.D (-879) (-)

Ion 61.00 (60.70 to 61.70): VU032023.D (-879) (-)

Ion 98.00 (97.70 to 98.70): VU032023.D (-879) (-)

2.98

Time-->



#20

cis-1,2-Dichloroethene

Concen: 70.339 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.01 min

Lab File: VU032023.D

Acq: 15 May 2019 11:49

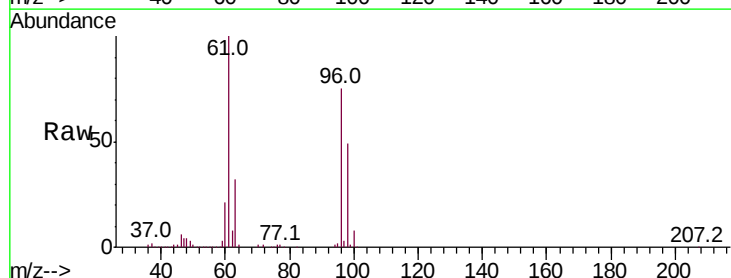
Tgt Ion: 96 Resp: 625471

Ion Ratio Lower Upper

96 100

61 132.7 93.0 172.8

68 0.0 0.0 0.0



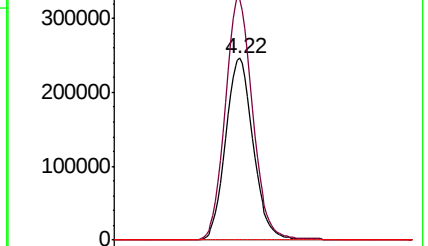
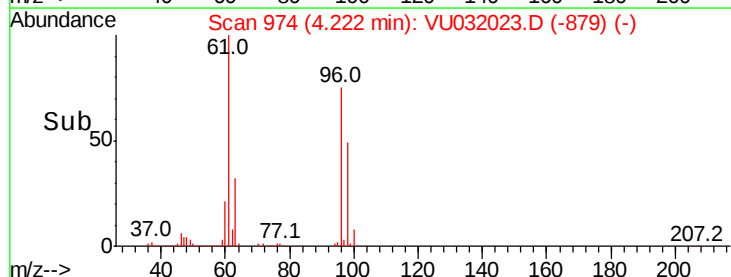
Abundance Ion 96.00 (95.70 to 96.70): VU032023.D (-879) (-)

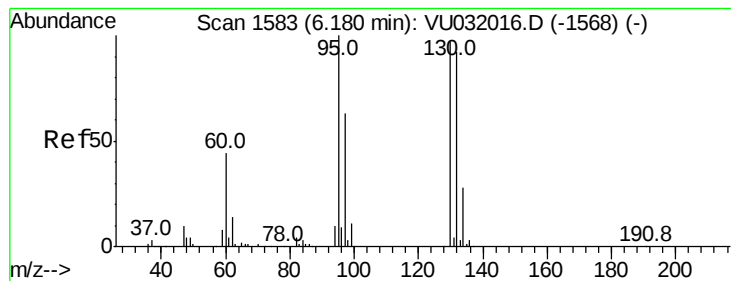
Ion 61.00 (60.70 to 61.70): VU032023.D (-879) (-)

Ion 68.00 (67.70 to 68.70): VU032023.D (-879) (-)

4.22

Time-->





#34

Trichloroethene

Concen: 31.367 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032023.D

Acq: 15 May 2019 11:49

Instrument :

MSVOA_U

ClientSampleId :

DB895DL

Tot Ion: 95 Resp: 264198

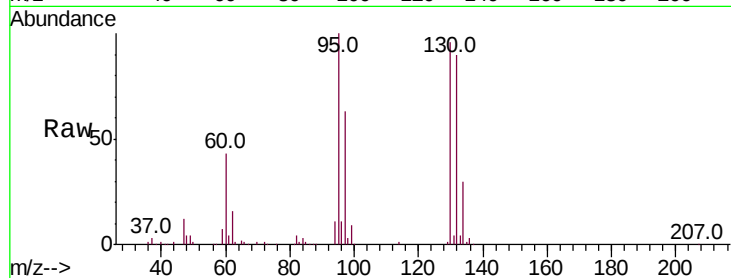
Ion Ratio Lower Upper

95 100

97 63.1 44.9 83.3

132 90.1 63.5 117.9

130 96.2 66.2 123.0

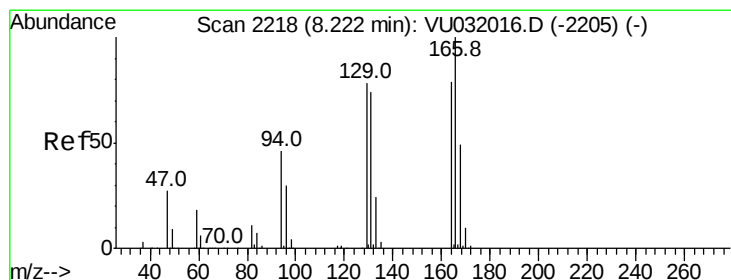
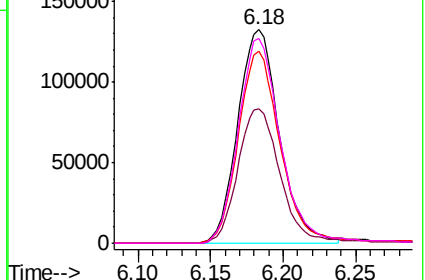
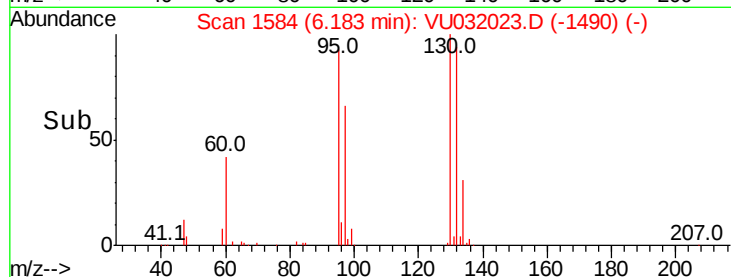


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.480 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU032023.D

Acq: 15 May 2019 11:49

Tgt Ion: 164 Resp: 2855

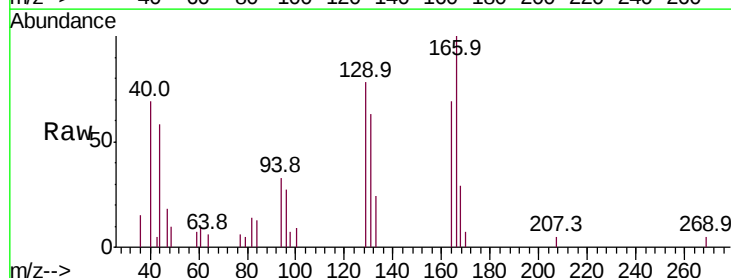
Ion Ratio Lower Upper

164 100

129 114.1 70.9 131.7

131 91.9 67.4 125.2

166 145.4 90.2 167.4



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

