

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032069.D
 Acq On : 16 May 2019 23:34
 Operator : JC/SP
 Sample : K2850-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W11

Quant Time: May 17 08:30:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 07:17:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	413994	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	398749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144437	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.68	69	126562	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.27	63	205965	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.20	46	271500	39.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.32%
24) Chloroform-d	4.64	84	253829	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.31	65	128712	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
32) Benzene-d6	5.33	84	524086	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.32	67	157129	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.56	98	444985	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.85	79	49516	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.31	63	242240	41.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125136	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	152717	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

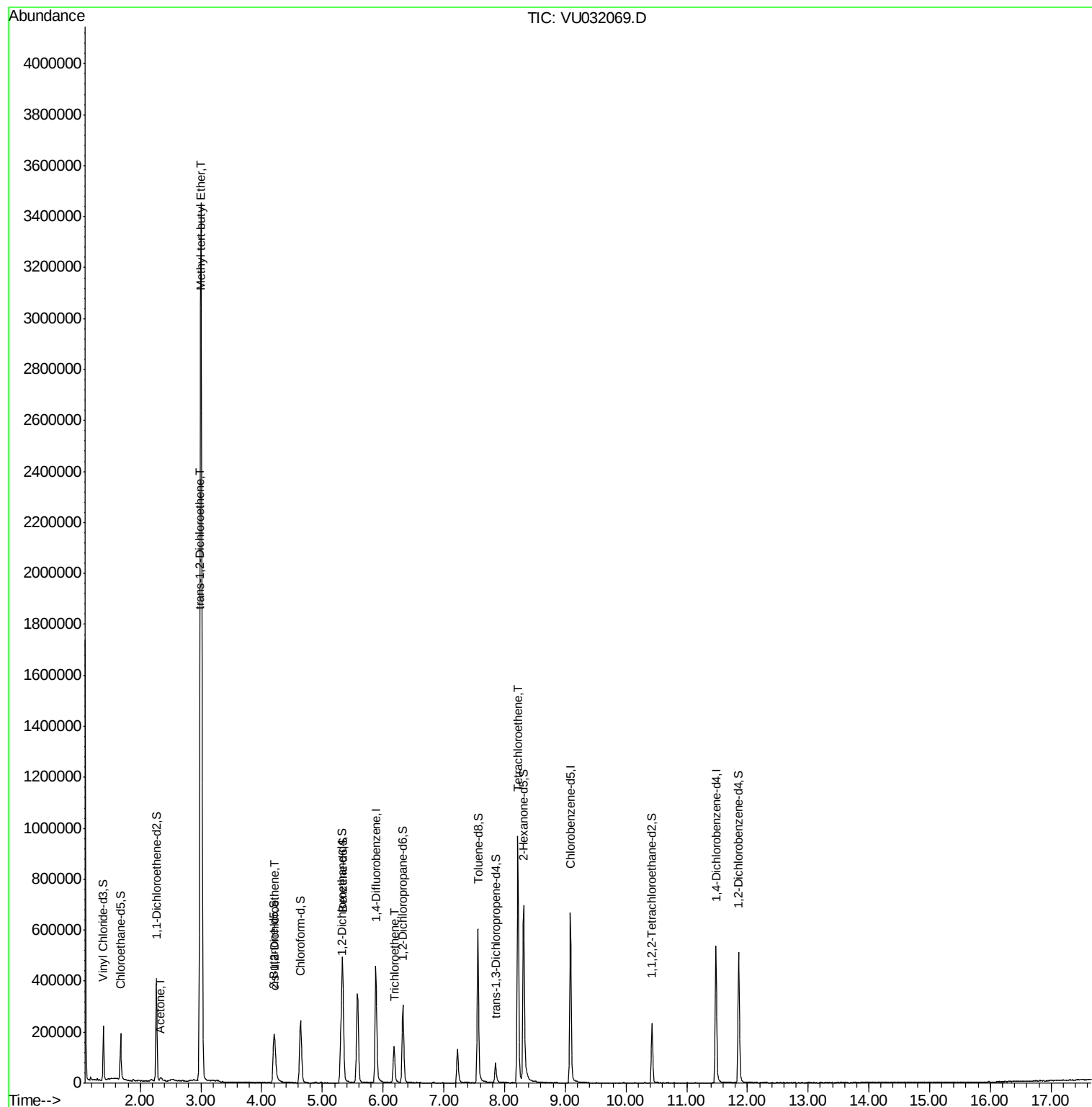
					Ovalue
13) Acetone	2.34	43	11687	5.200	ug/L 89
17) Methyl tert-butyl Ether	3.00	73	4043818	103.459	ug/L 97
18) trans-1,2-Dichloroethene	2.97	96	2425	0.136	ug/L 91
22) cis-1,2-Dichloroethene	4.22	96	27915	1.595	ug/L 84
34) Trichloroethene	6.18	95	53519	3.222	ug/L 97
47) Tetrachloroethene	8.22	164	232373	18.716	ug/L 96

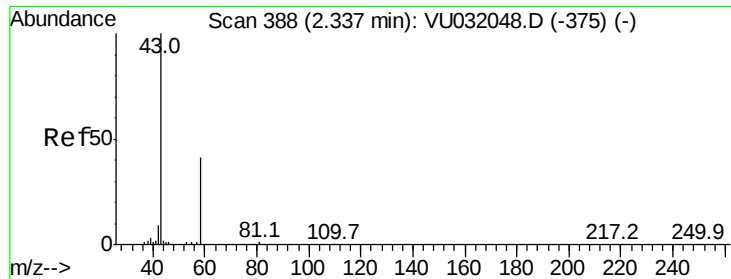
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.200 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.00 min

Lab File: VU032069.D

Acq: 16 May 2019 23:34

Instrument :

MSVOA_U

ClientSampleId :

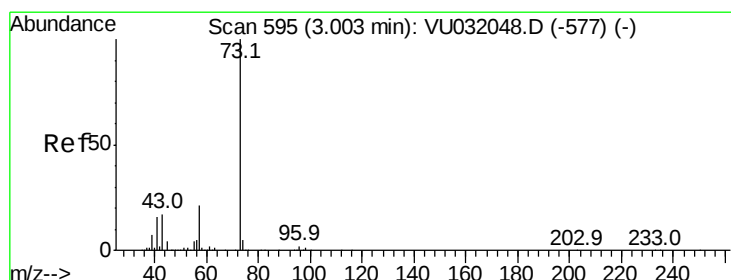
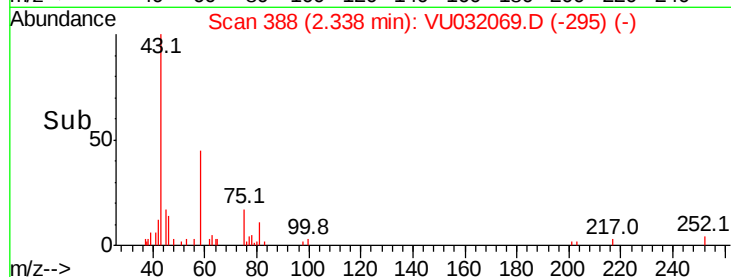
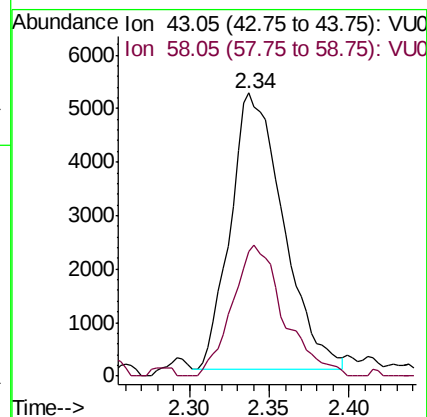
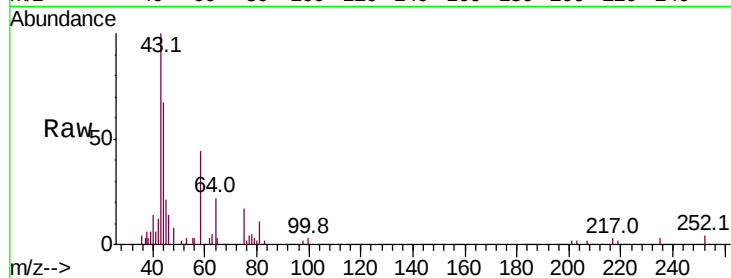
F9W11

Tot Ion: 43 Resp: 11687

Ion Ratio Lower Upper

43 100

58 46.3 0.0 78.8



#17

Methyl tert-butyl Ether

Concen: 103.459 ug/L

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU032069.D

Acq: 16 May 2019 23:34

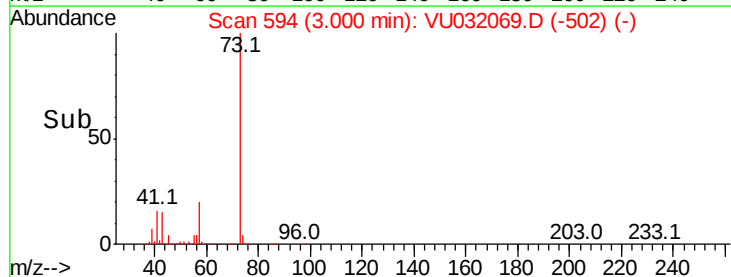
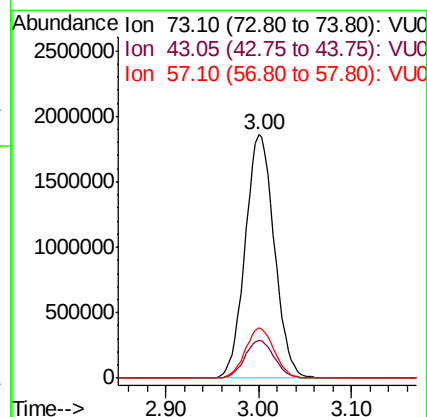
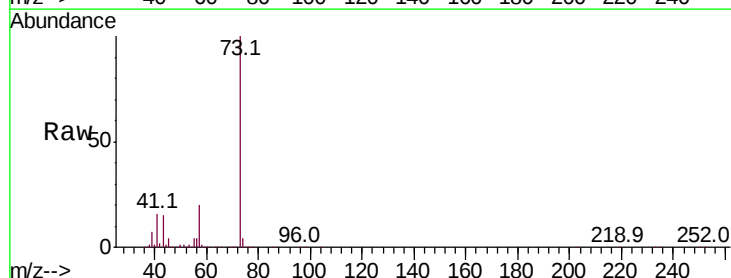
Tgt Ion: 73 Resp: 4043818

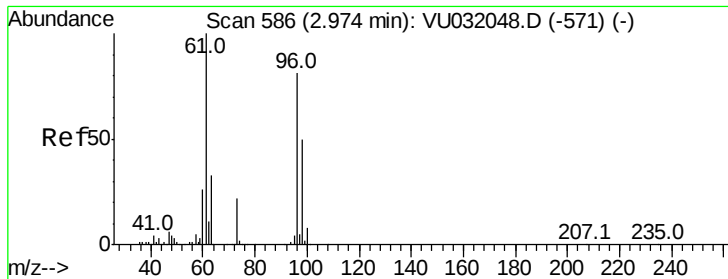
Ion Ratio Lower Upper

73 100

43 15.6 13.0 19.6

57 20.5 17.9 26.9





#18

trans-1,2-Dichloroethene

Concen: 0.136 ug/L

RT: 2.97 min Scan# 586

Delta R.T. 0.00 min

Lab File: VU032069.D

Acq: 16 May 2019 23:34

Instrument :

MSVOA_U

ClientSampleId :

F9W11

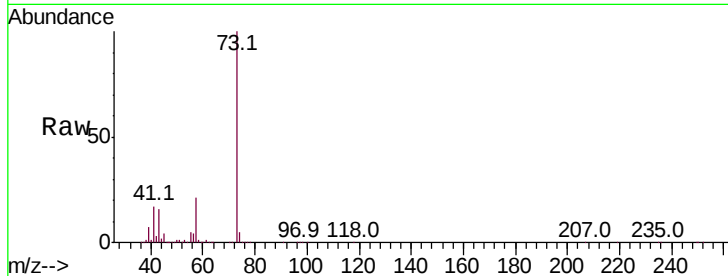
Tot Ion: 96 Resp: 2425

Ion Ratio Lower Upper

96 100

61 137.5 86.5 160.7

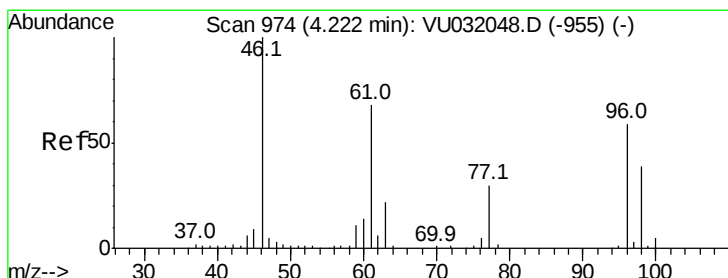
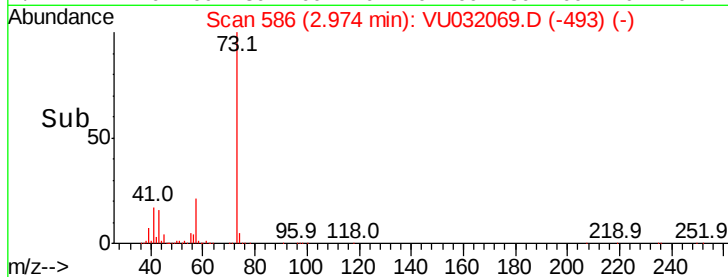
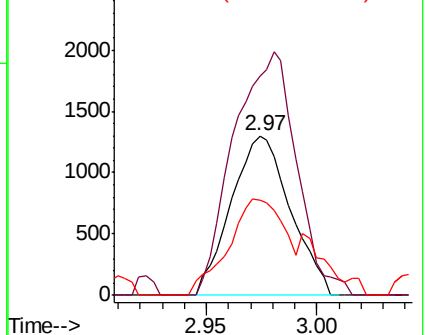
98 59.3 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VU032048.D (-571) (-)

Ion 61.05 (60.75 to 61.75): VU032048.D (-571) (-)

Ion 97.95 (97.65 to 98.65): VU032048.D (-571) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.595 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU032069.D

Acq: 16 May 2019 23:34

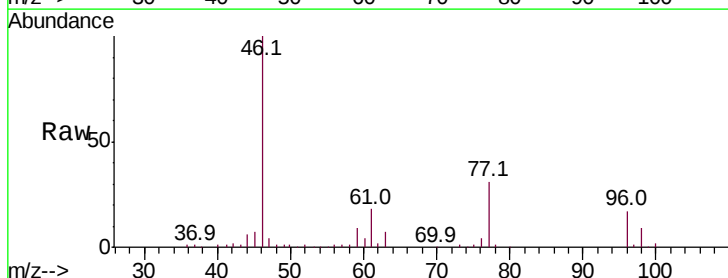
Tgt Ion: 96 Resp: 27915

Ion Ratio Lower Upper

96 100

61 104.4 85.8 159.4

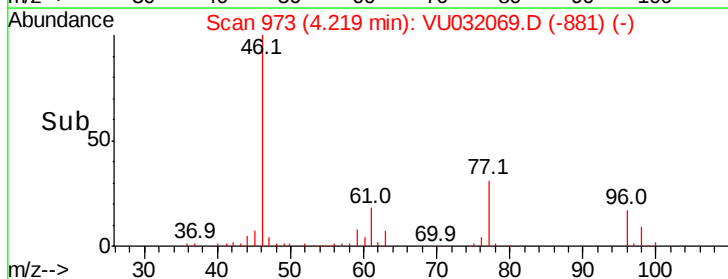
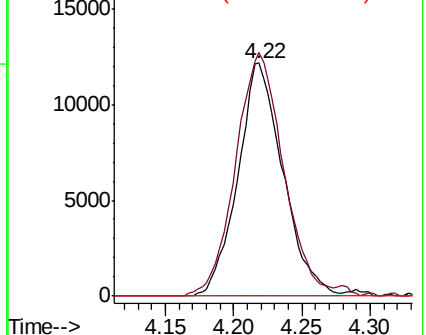
68 0.0 0.0 0.0

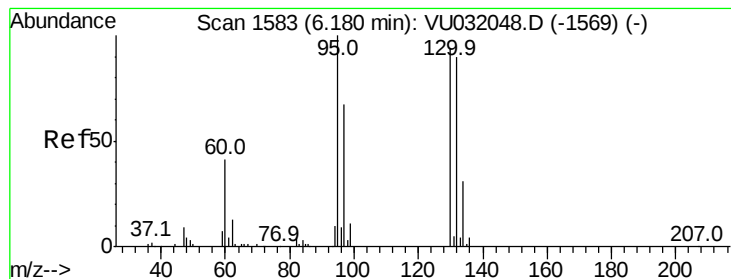


Abundance Ion 96.00 (95.70 to 96.70): VU032048.D (-955) (-)

Ion 61.05 (60.75 to 61.75): VU032048.D (-955) (-)

Ion 68.15 (67.85 to 68.85): VU032048.D (-955) (-)





#34

Trichloroethene

Concen: 3.222 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032069.D

Acq: 16 May 2019 23:34

Instrument :

MSVOA_U

ClientSampleId :

F9W11

Tot Ion: 95 Resp: 53519

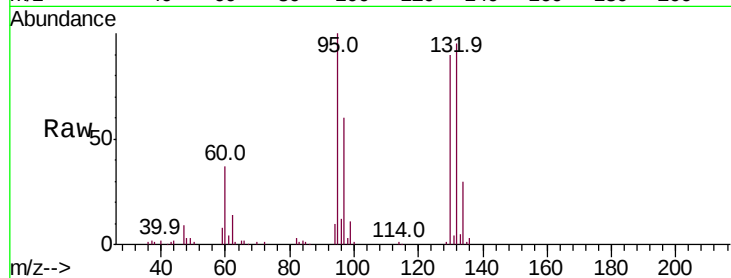
Ion Ratio Lower Upper

95 100

97 60.4 45.2 84.0

132 95.1 66.1 122.7

130 90.5 66.7 123.9

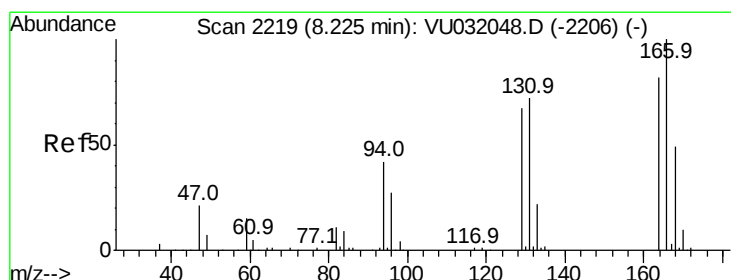
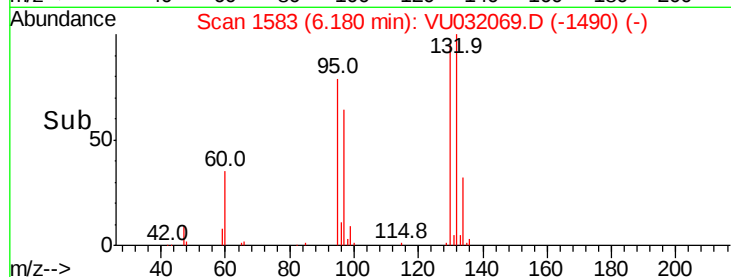
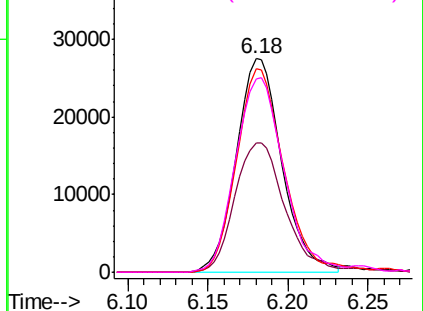


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 18.716 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032069.D

Acq: 16 May 2019 23:34

Tgt Ion: 164 Resp: 232373

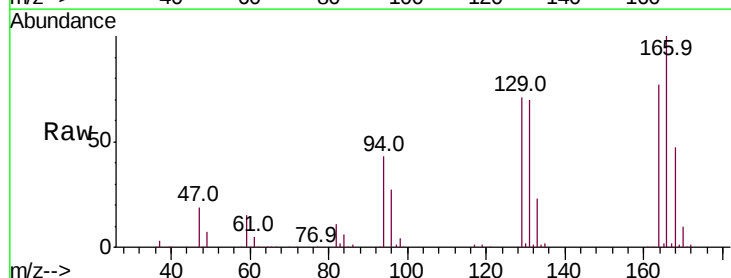
Ion Ratio Lower Upper

164 100

129 92.1 70.3 130.5

131 90.4 64.5 119.9

166 129.9 92.3 171.5



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

