

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032790.D
 Acq On : 17 Jun 2019 18:13
 Operator : JC/SP
 Sample : K3324-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JW1

Quant Time: Jun 18 04:27:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	224241	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	218265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109201	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62418	40.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.46%
7) Chloroethane-d5	1.68	69	55439	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.72%
11) 1,1-Dichloroethene-d2	2.27	63	97973	31.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.46%
21) 2-Butanone-d5	4.17	46	149119	116.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.91%
24) Chloroform-d	4.64	84	136212	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
26) 1,2-Dichloroethane-d4	5.30	65	95418	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
32) Benzene-d6	5.33	84	262471	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
36) 1,2-Dichloropropane-d6	6.32	67	88550	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.70%
41) Toluene-d8	7.56	98	239445	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%
43) trans-1,3-Dichloropropene-	7.84	79	42845	45.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.88%
47) 2-Hexanone-d5	8.30	63	111403	131.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.63%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	135170	48.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	102396	48.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.92%

Target Compounds

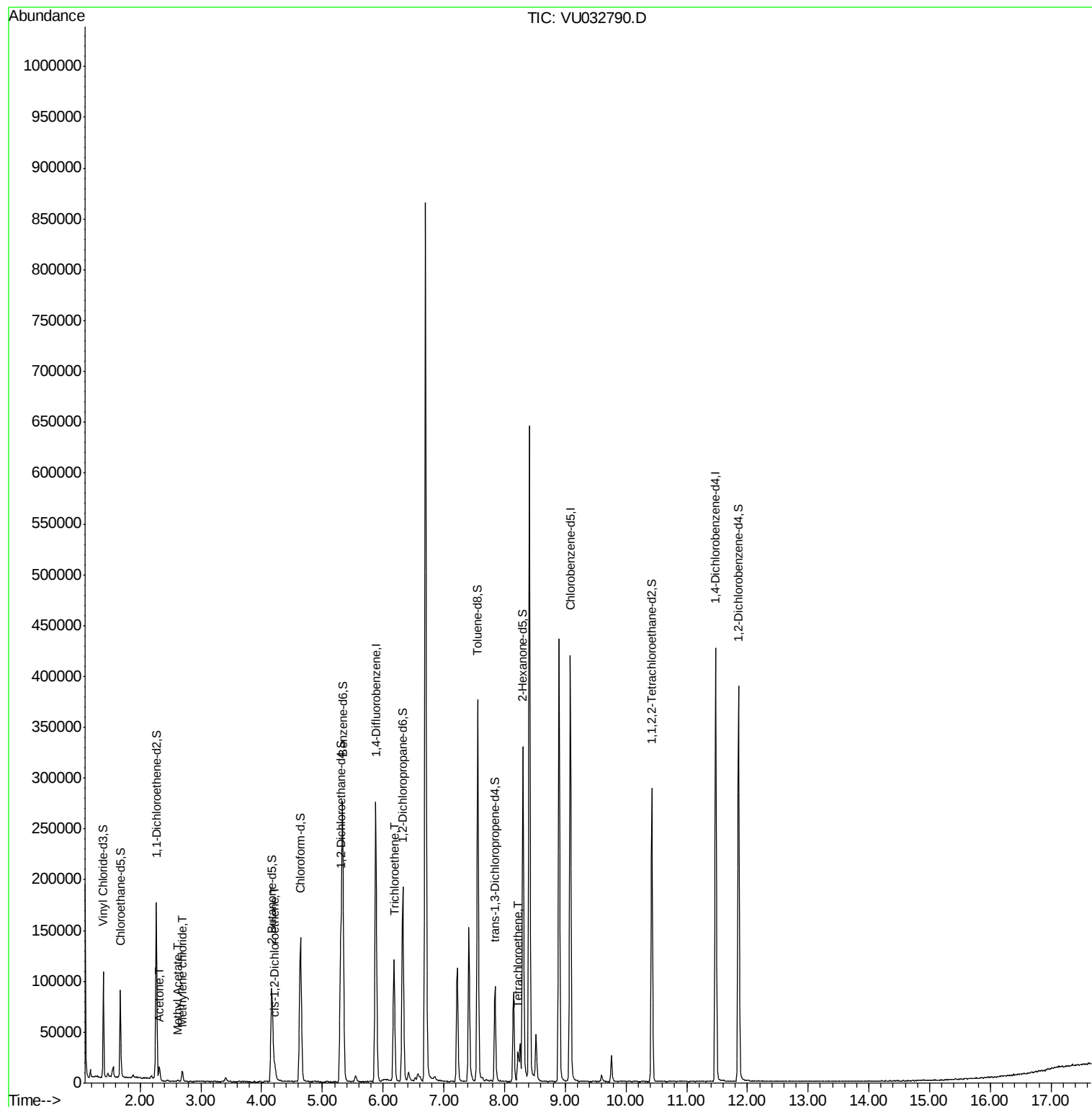
					Ovalue
13) Acetone	2.32	43	13175	7.478	ug/L 97
15) Methyl Acetate	2.62	43	1852	0.927	ug/L # 69
16) Methylene chloride	2.69	84	4324	2.610	ug/L 97
20) cis-1,2-Dichloroethene	4.22	96	4595	2.754	ug/L 85
34) Trichloroethene	6.18	95	38807	23.100	ug/L 99
46) Tetrachloroethene	8.22	164	4306	3.128	ug/L 95

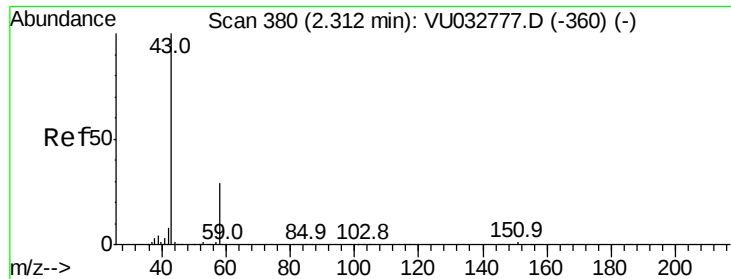
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.478 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032790.D

Acq: 17 Jun 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

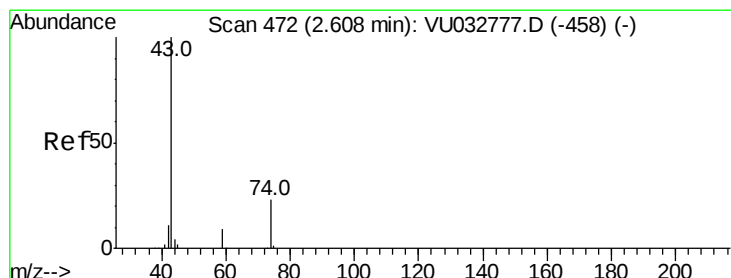
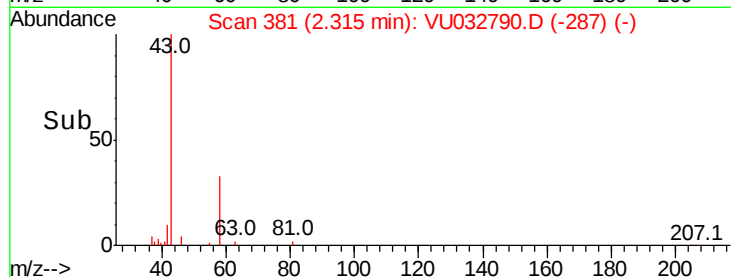
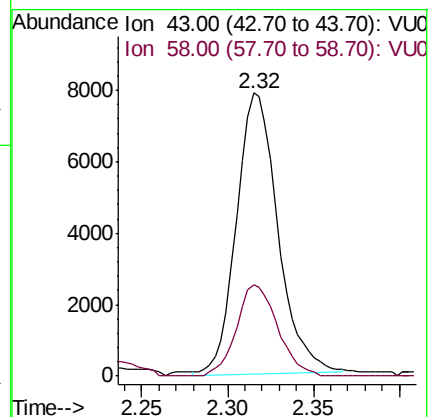
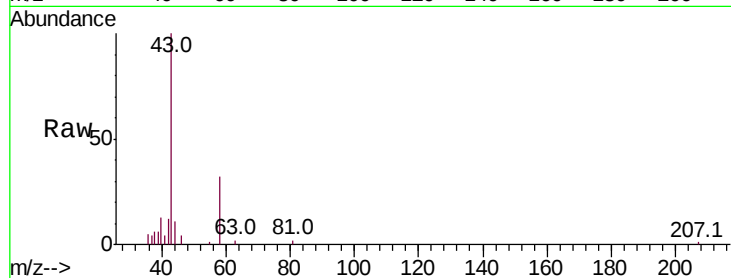
C0JW1

Tot Ion: 43 Resp: 13175

Ion Ratio Lower Upper

43 100

58 32.1 0.0 60.6



#15

Methyl Acetate

Concen: 0.927 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032790.D

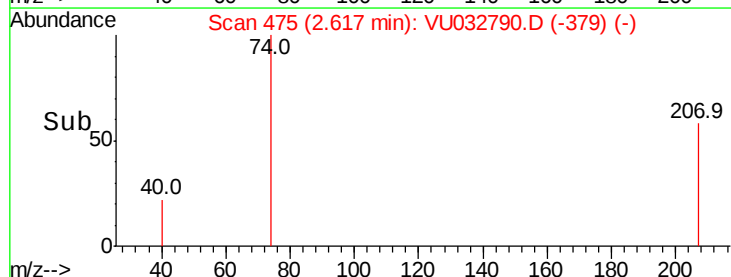
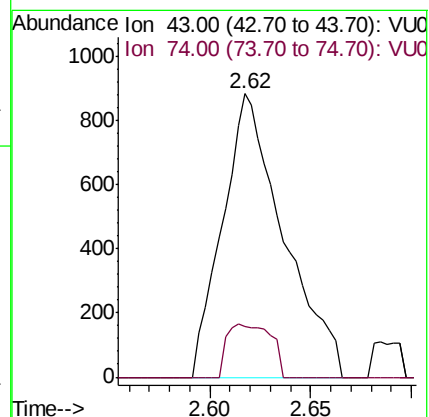
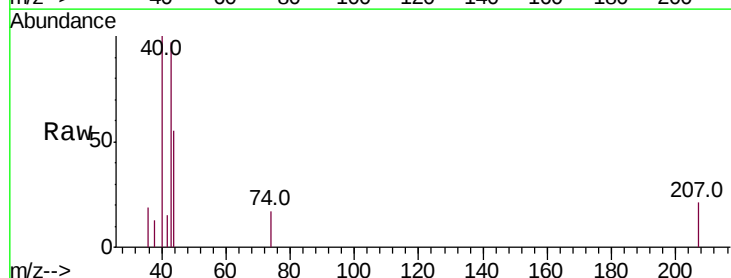
Acq: 17 Jun 2019 18:13

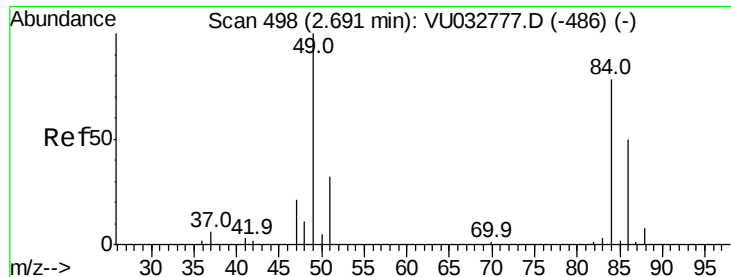
Tgt Ion: 43 Resp: 1852

Ion Ratio Lower Upper

43 100

74 7.9 18.1 27.1#

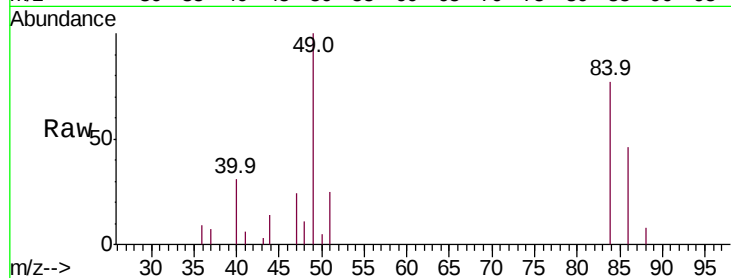




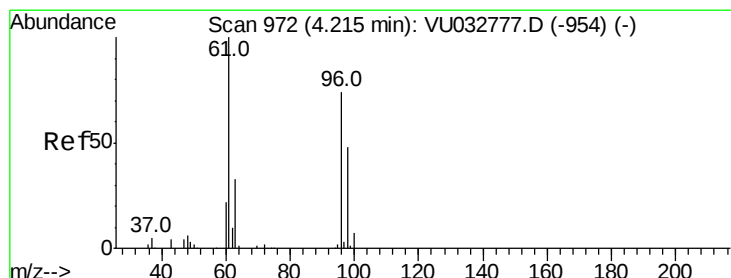
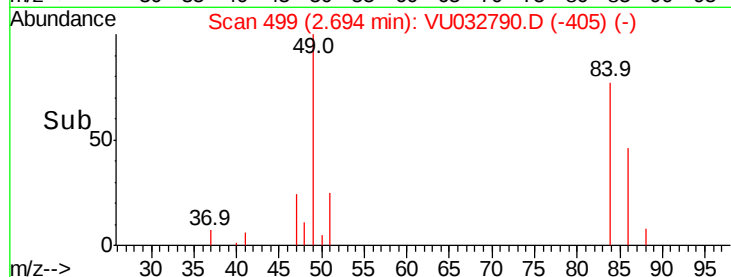
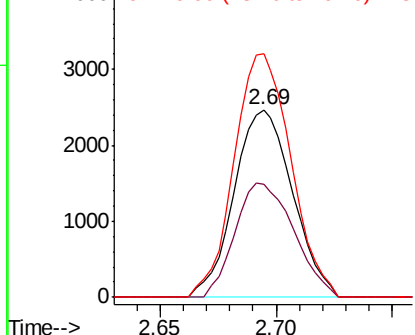
#16
Methvlene chloride
Concen: 2.610 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032790.D
Acq: 17 Jun 2019 18:13

Instrument :
MSVOA_U
ClientSampleId :
C0JW1

Tot Ion: 84 Resp: 4324
Ion Ratio Lower Upper
84 100
86 60.2 45.5 84.5
49 129.8 92.1 171.1

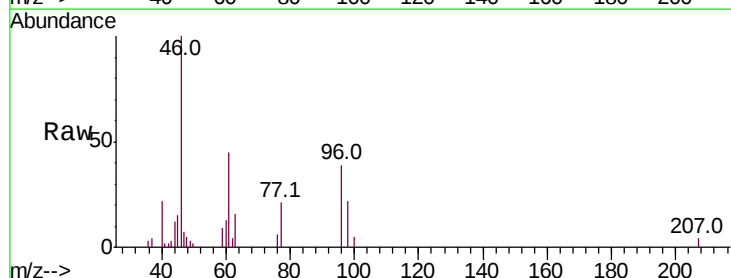


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

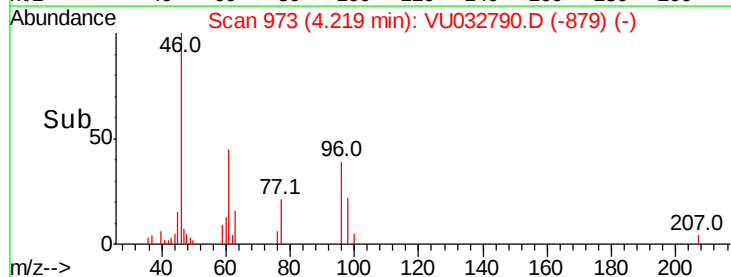
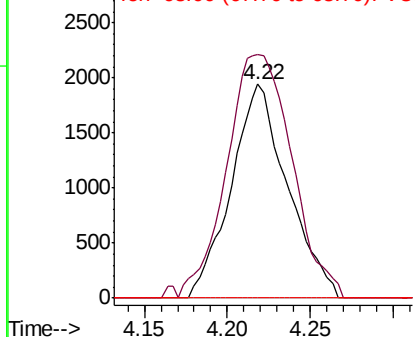


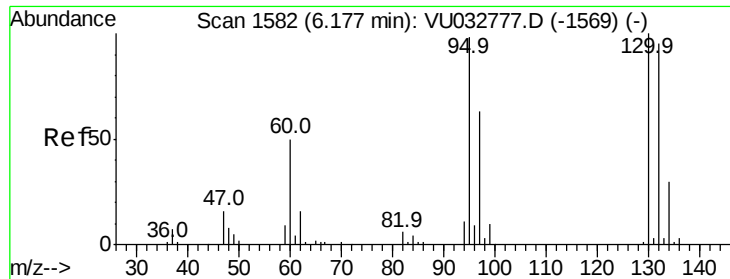
#20
cis-1,2-Dichloroethene
Concen: 2.754 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032790.D
Acq: 17 Jun 2019 18:13

Tgt Ion: 96 Resp: 4595
Ion Ratio Lower Upper
96 100
61 114.0 92.4 171.6
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 23.100 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032790.D

Acq: 17 Jun 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

C0JW1

Tot Ion: 95 Resp: 38807

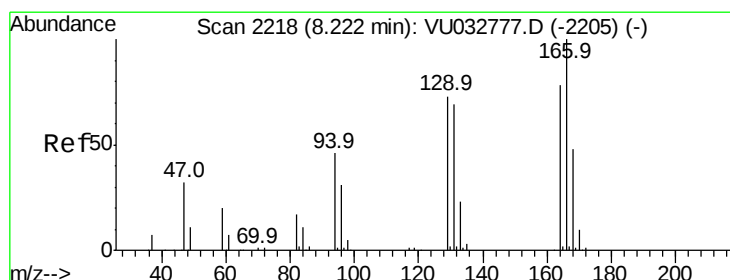
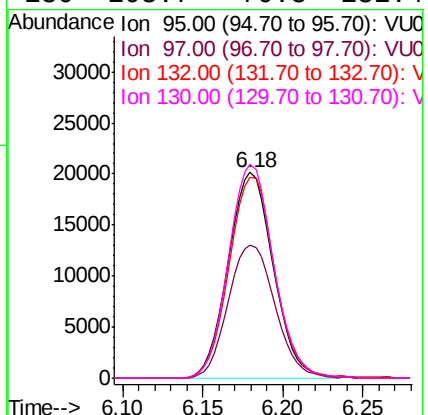
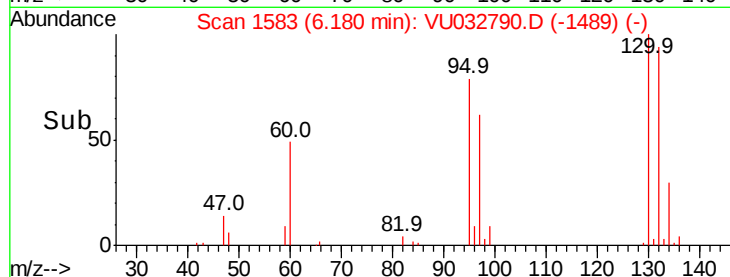
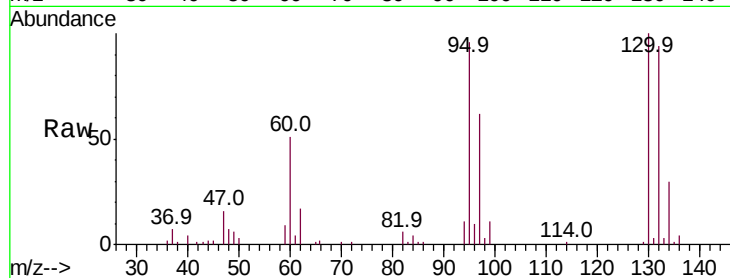
Ion Ratio Lower Upper

95 100

97 64.5 45.9 85.3

132 97.7 68.5 127.3

130 103.7 70.8 131.4



#46

Tetrachloroethene

Concen: 3.128 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032790.D

Acq: 17 Jun 2019 18:13

Tgt Ion:164 Resp: 4306

Ion Ratio Lower Upper

164 100

129 86.7 64.8 120.3

131 96.7 64.5 119.7

166 125.1 91.3 169.6

