

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039381.D
 Acq On : 09 Jul 2020 05:25
 Operator : SY/MD
 Sample : L3244-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4B10

Quant Time: Jul 10 09:31:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 05:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	100657	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	93541	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44490	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28865	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.92	69	31682	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.58	63	44942	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.65	46	146899	55.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.06%
24) Chloroform-d	5.09	84	64646	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.72	65	42551	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.75	84	130014	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
36) 1,2-Dichloropropane-d6	6.71	67	43362	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.91	98	112237	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
43) trans-1,3-Dichloropropene-	8.19	79	17436	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.64	63	107200	51.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.46%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39838	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	44982	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

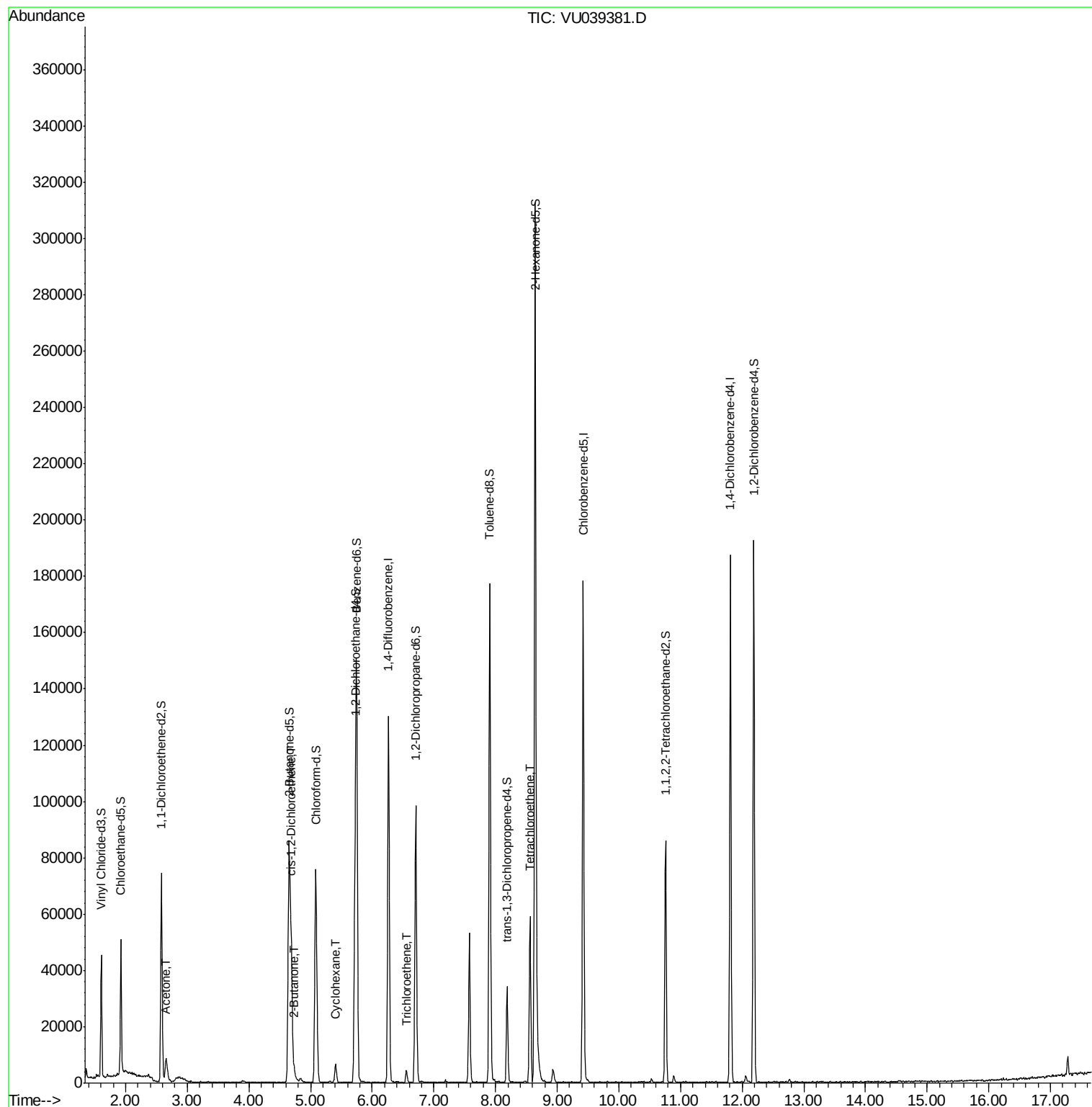
					Ovalue
13) Acetone	2.66	43	13748	9.542 ug/L	98
21) 2-Butanone	4.74	43	4191	1.630 ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	13194	1.776 ug/L	89
30) Cyclohexane	5.41	56	3279	0.283 ug/L #	93
34) Trichloroethene	6.56	95	1035	0.143 ug/L	81
47) Tetrachloroethene	8.56	164	11479	2.282 ug/L	96

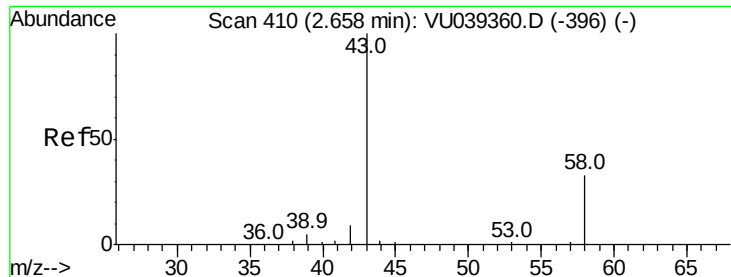
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 09 05:48:41 2020
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#13

Acetone

Concen: 9.542 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU039381.D

Acq: 09 Jul 2020 05:25

Instrument :

MSVOA_U

ClientSampleId :

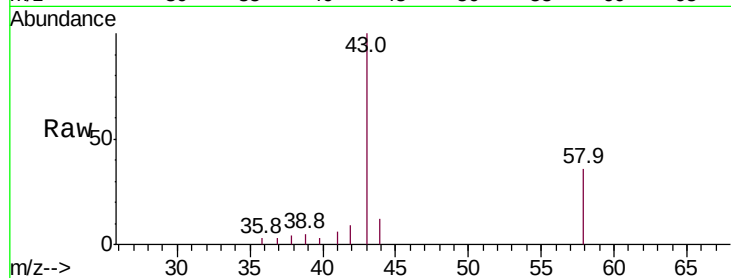
F4B10

Tot Ion: 43 Resp: 13748

Ion Ratio Lower Upper

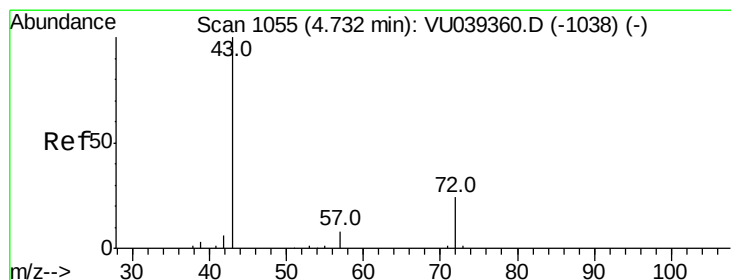
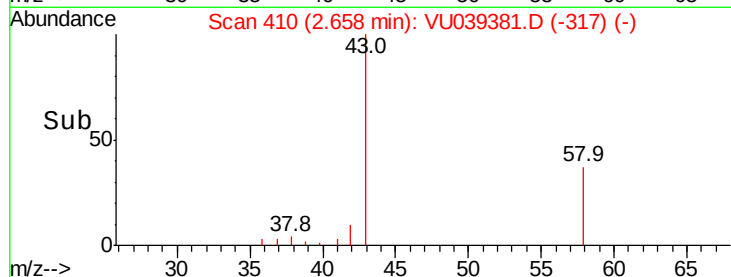
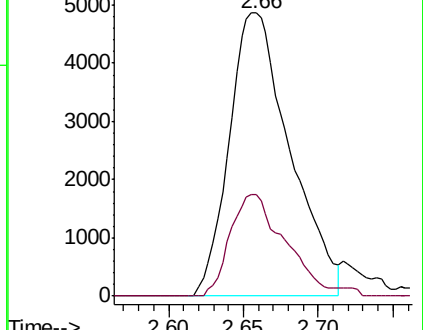
43 100

58 32.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039381.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU039381.D (-317) (-)



#21

2-Butanone

Concen: 1.630 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU039381.D

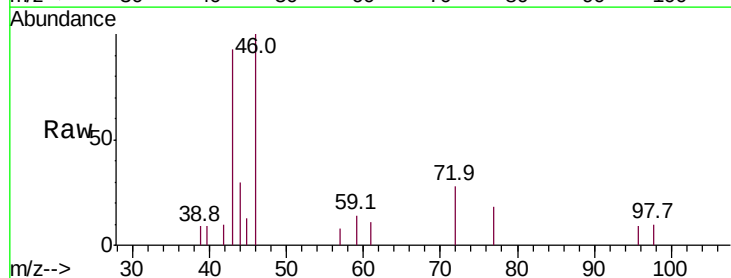
Acq: 09 Jul 2020 05:25

Tgt Ion: 43 Resp: 4191

Ion Ratio Lower Upper

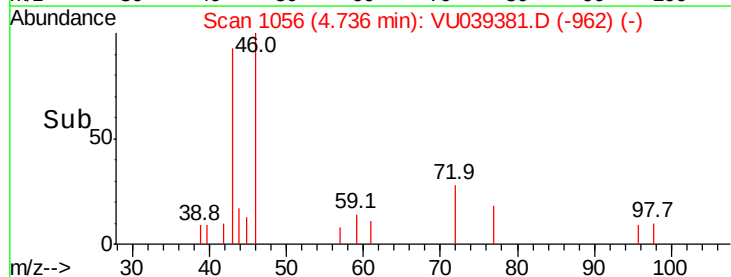
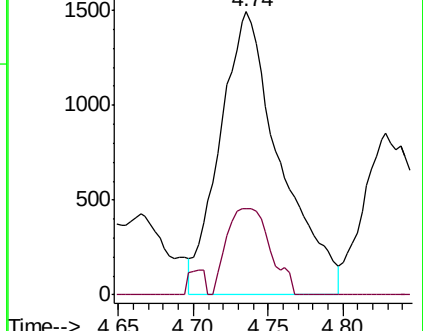
43 100

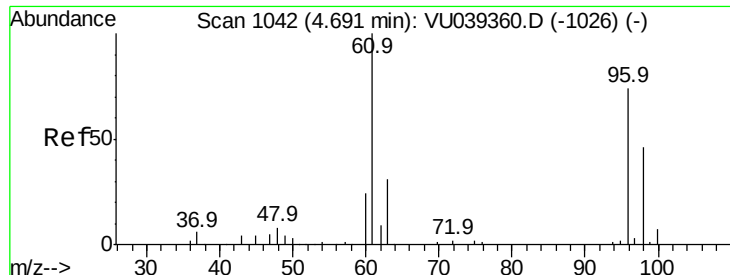
72 22.1 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039381.D (-962) (-)

Ion 72.10 (71.80 to 72.80): VU039381.D (-962) (-)





#22

cis-1,2-Dichloroethene

Concen: 1.776 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VU039381.D

Acq: 09 Jul 2020 05:25

Instrument :

MSVOA_U

ClientSampleId :

F4B10

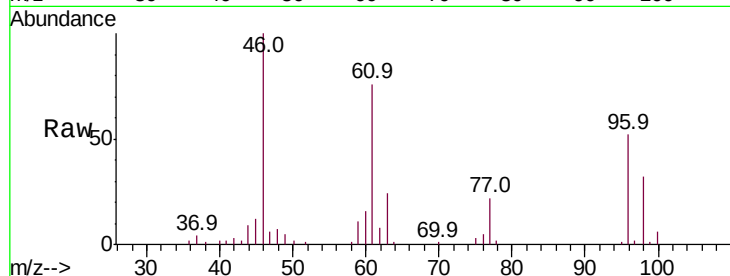
Tot Ion: 96 Resp: 13194

Ion Ratio Lower Upper

96 100

61 145.3 92.8 172.4

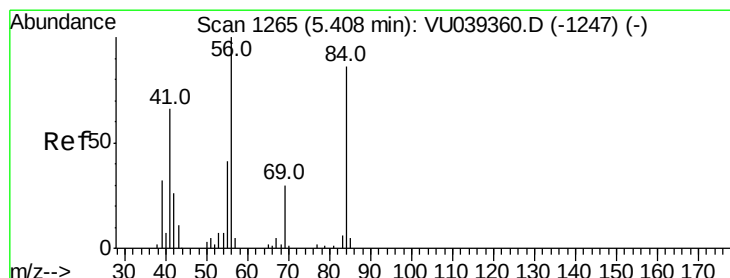
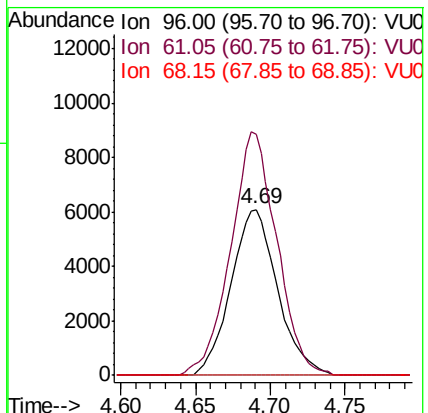
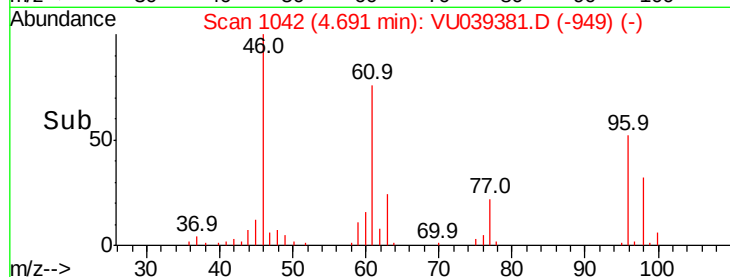
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#30

Cyclohexane

Concen: 0.283 ug/L

RT: 5.41 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VU039381.D

Acq: 09 Jul 2020 05:25

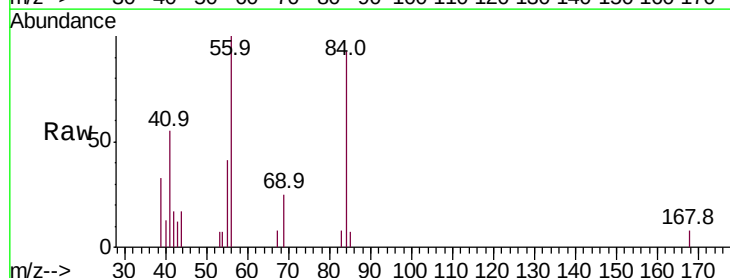
Tgt Ion: 56 Resp: 3279

Ion Ratio Lower Upper

56 100

69 16.5 24.1 36.1#

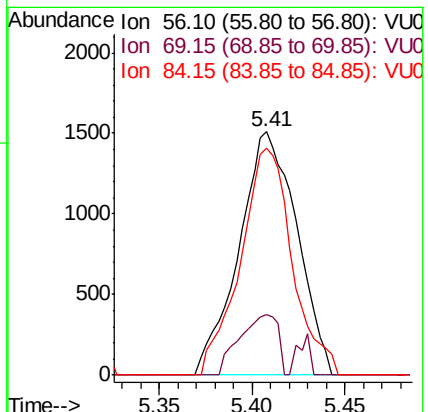
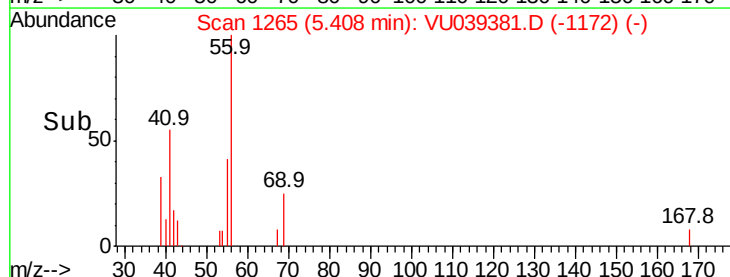
84 83.9 67.0 100.6

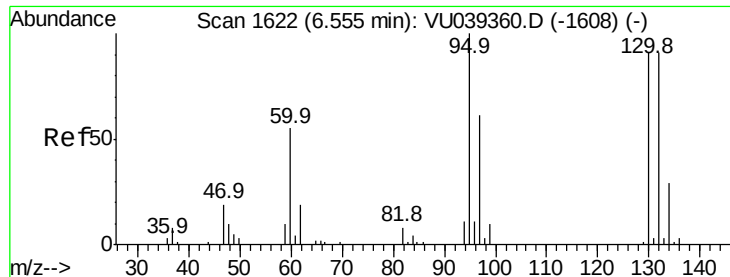


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#34

Trichloroethene

Concen: 0.143 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039381.D

Acq: 09 Jul 2020 05:25

Instrument :

MSVOA_U

ClientSampleId :

F4B10

Tot Ion: 95 Resp: 1035

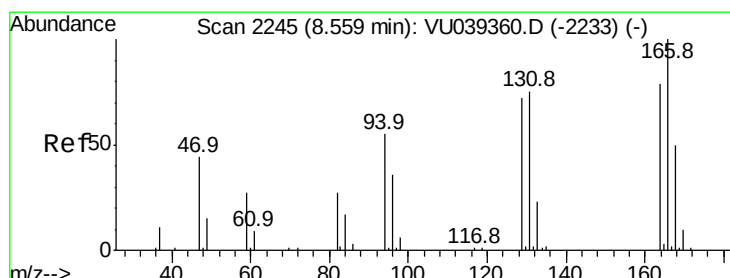
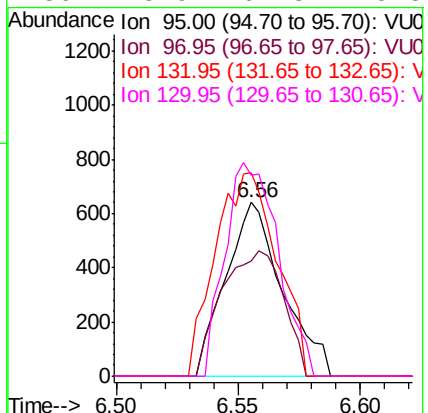
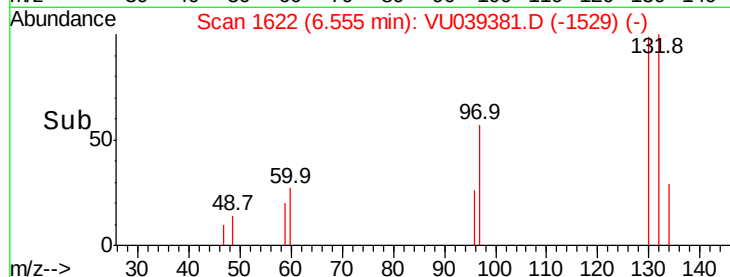
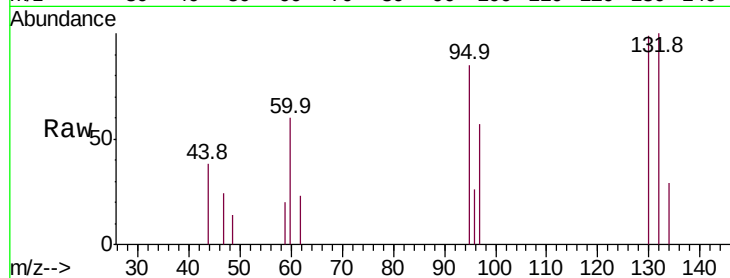
Ion Ratio Lower Upper

95 100

97 66.6 46.3 85.9

132 117.2 64.0 118.8

130 115.9 64.3 119.5



#47

Tetrachloroethene

Concen: 2.282 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039381.D

Acq: 09 Jul 2020 05:25

Tgt Ion: 164 Resp: 11479

Ion Ratio Lower Upper

164 100

129 97.2 68.6 127.4

131 90.6 66.4 123.4

166 129.2 85.9 159.5

