

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121119\
 Data File : VU036143.D
 Acq On : 11 Dec 2019 19:49
 Operator : JC/MD
 Sample : K6214-03RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BD805RE

Quant Time: Dec 12 08:04:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 12 06:08:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	292673	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	315777	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81628	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121184	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.93	69	121296	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.59	63	133360	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.68	46	268904	60.49	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.98%
24) Chloroform-d	5.11	84	207301	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.75	65	107286	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.77	84	384280	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	126748	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.93	98	301762	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.21	79	43317	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.67	63	205247	56.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.92%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	111412	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	77638	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

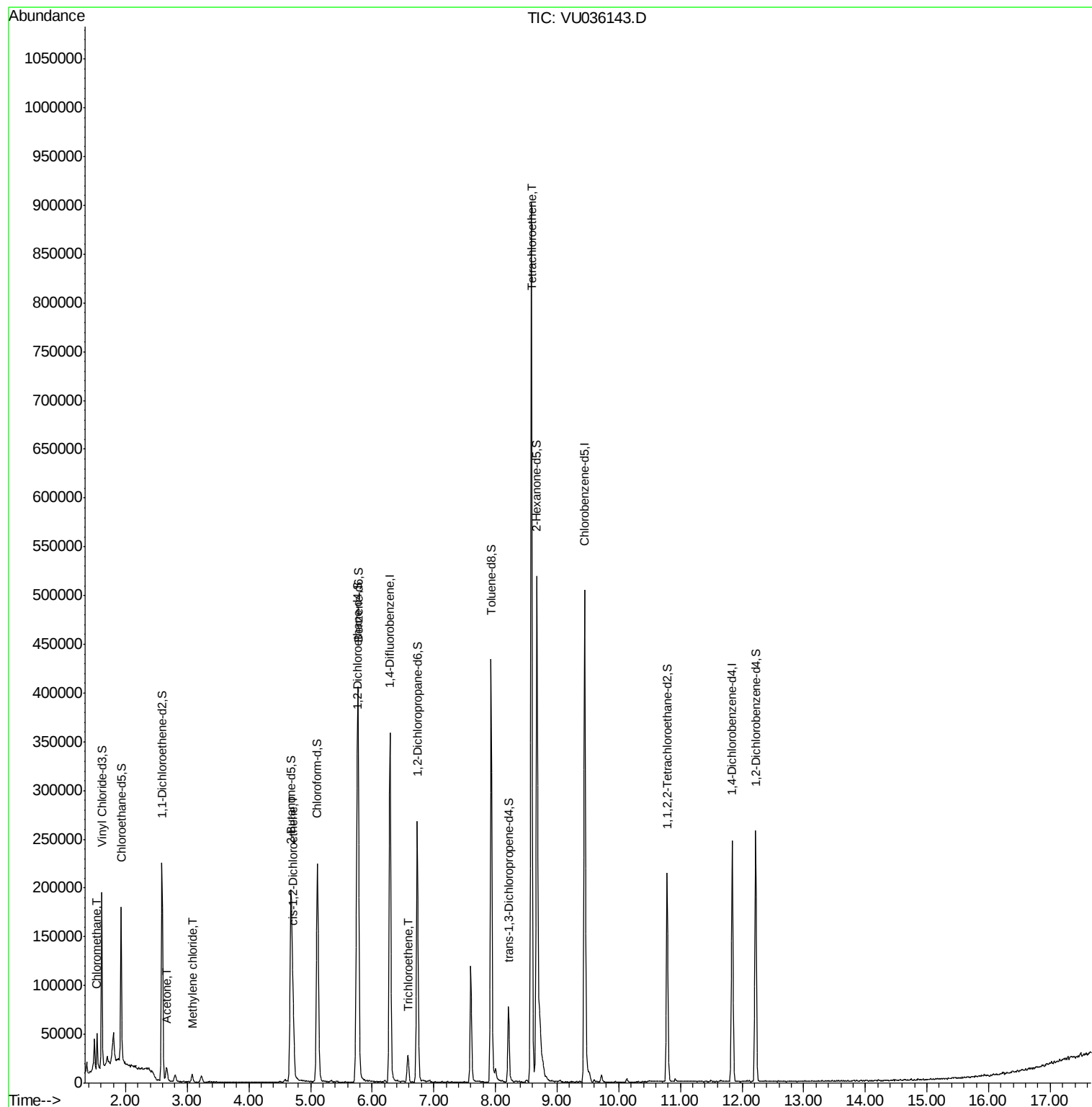
					Ovalue
3) Chloromethane	1.54	50	25092	0.893 ug/L	98
13) Acetone	2.66	43	13191	2.338 ug/L	93
16) Methylene chloride	3.08	84	4063	0.137 ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	33971	1.489 ug/L	91
34) Trichloroethene	6.58	95	9469	0.413 ug/L	86
47) Tetrachloroethene	8.58	164	216857	9.954 ug/L	99

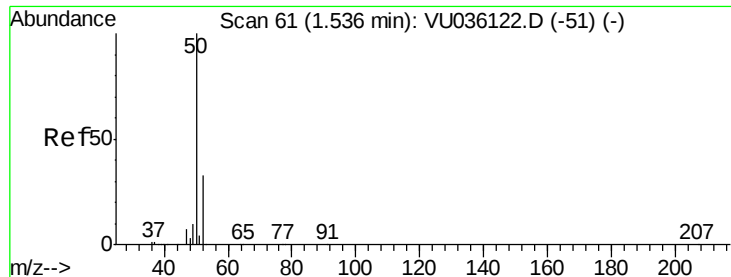
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.893 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU036143.D

Acq: 11 Dec 2019 19:49

Instrument :

MSVOA_U

ClientSampleId :

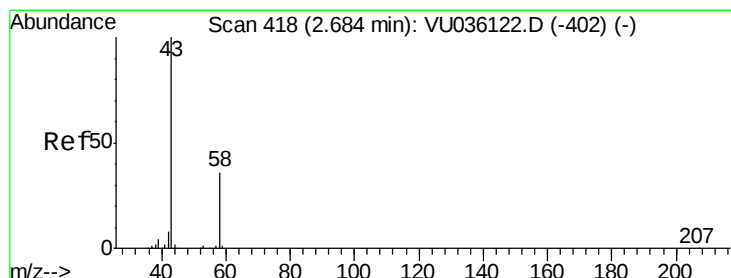
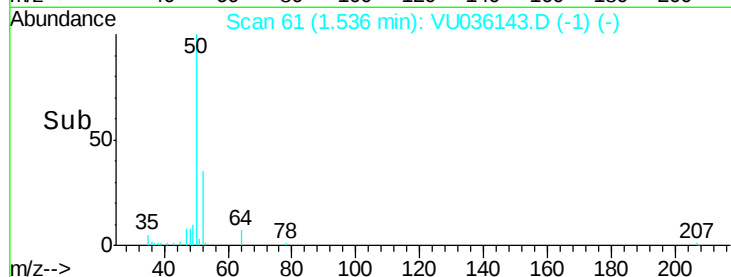
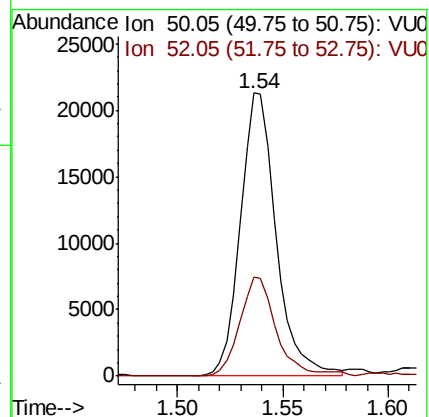
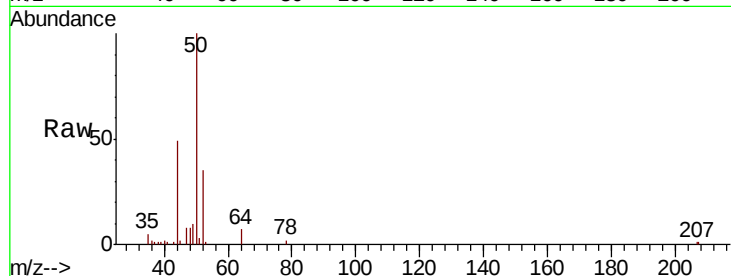
BD805RE

Tot Ion: 50 Resp: 25092

Ion Ratio Lower Upper

50 100

52 34.8 23.6 43.8



#13

Acetone

Concen: 2.338 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036143.D

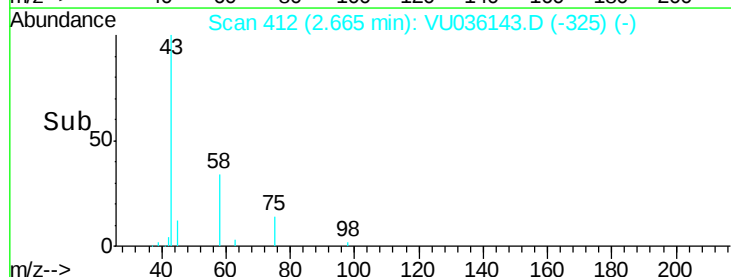
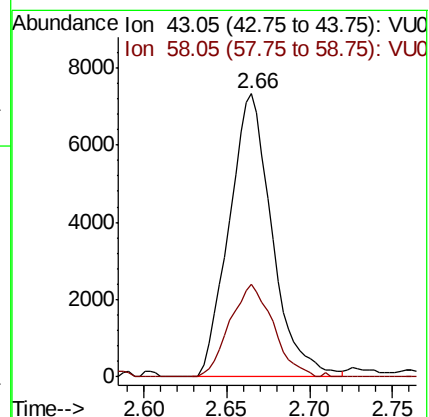
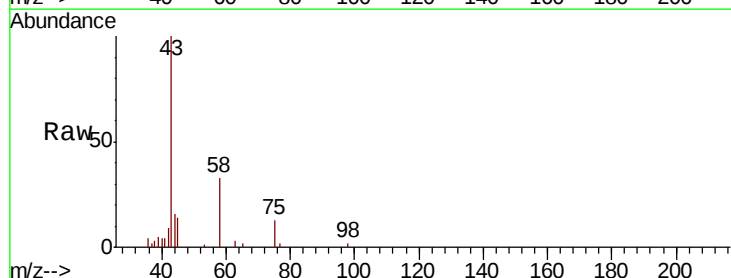
Acq: 11 Dec 2019 19:49

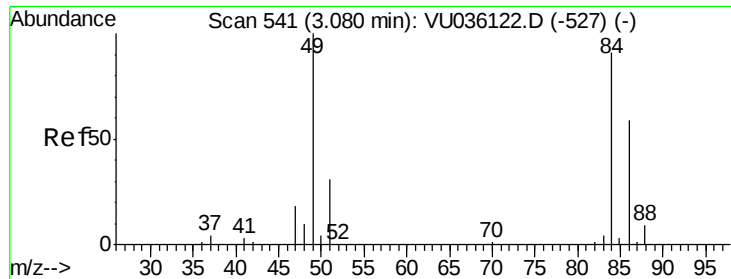
Tgt Ion: 43 Resp: 13191

Ion Ratio Lower Upper

43 100

58 33.0 0.0 74.2

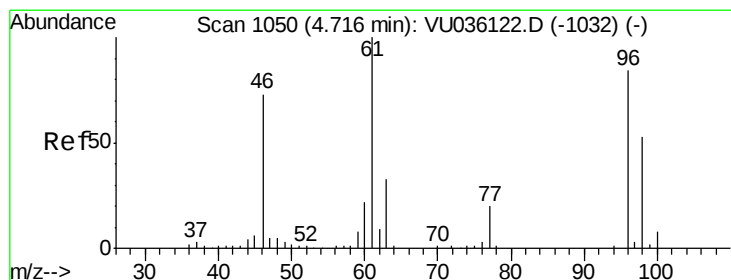
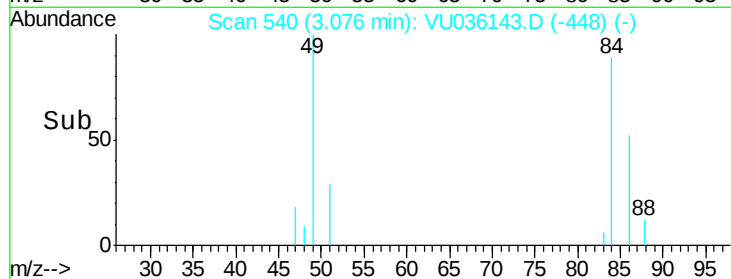
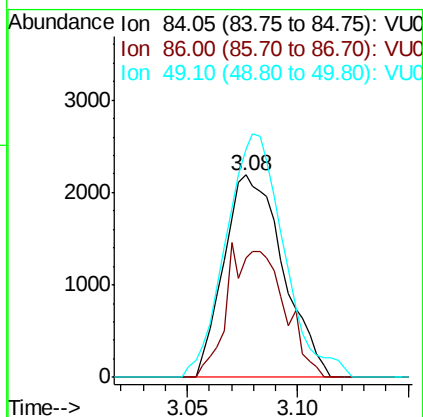
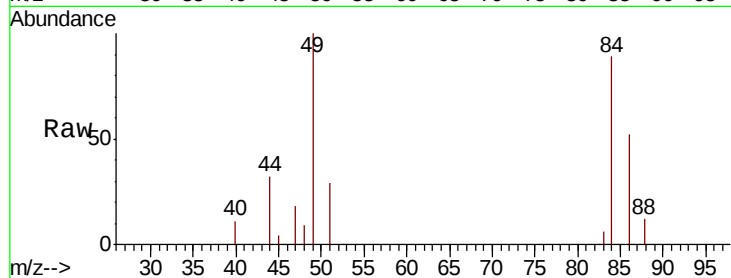




#16
Methvlene chloride
Concen: 0.137 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU036143.D
Acq: 11 Dec 2019 19:49

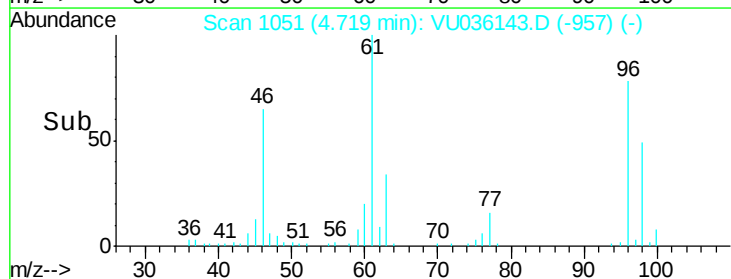
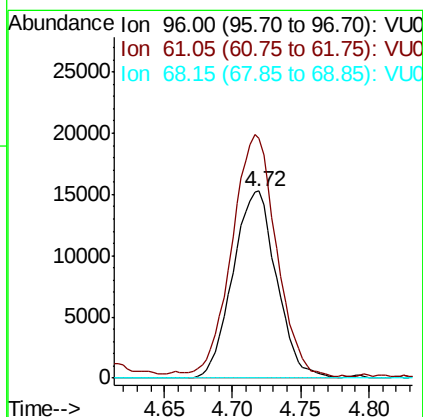
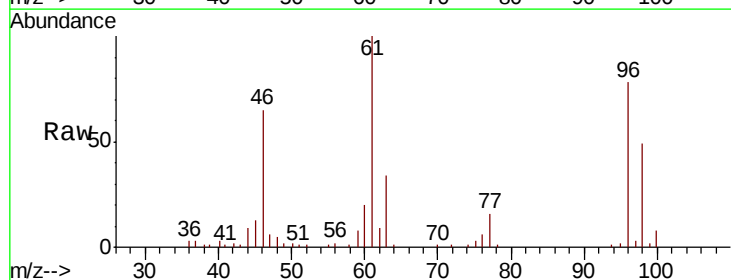
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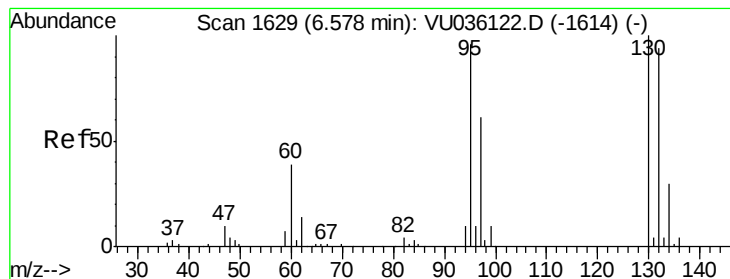
Tot Ion: 84 Resp: 4063
Ion Ratio Lower Upper
84 100
86 58.8 47.5 88.3
49 112.6 76.9 142.9



#22
cis-1,2-Dichloroethene
Concen: 1.489 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU036143.D
Acq: 11 Dec 2019 19:49

Tgt Ion: 96 Resp: 33971
Ion Ratio Lower Upper
96 100
61 128.5 83.0 154.2
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.413 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036143.D

Acq: 11 Dec 2019 19:49

Instrument :

MSVOA_U

ClientSampleId :

BD805RE

Tot Ion: 95 Resp: 9469

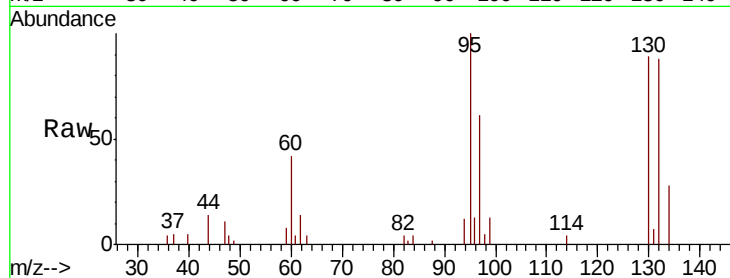
Ion Ratio Lower Upper

95 100

97 61.0 44.4 82.4

132 88.0 73.4 136.4

130 88.7 75.9 141.1

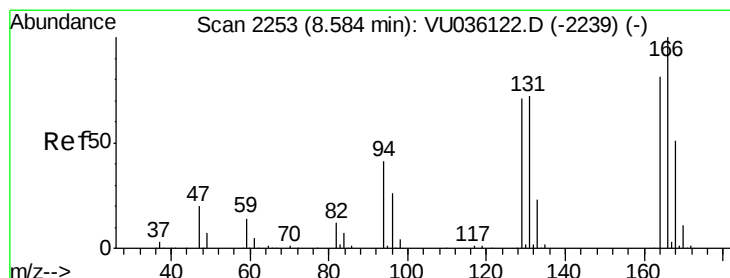
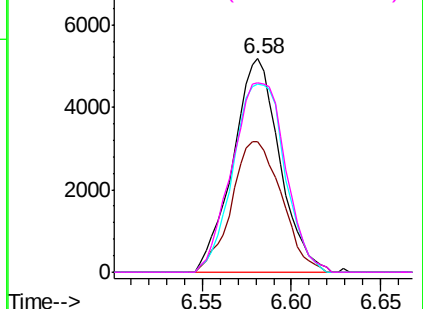
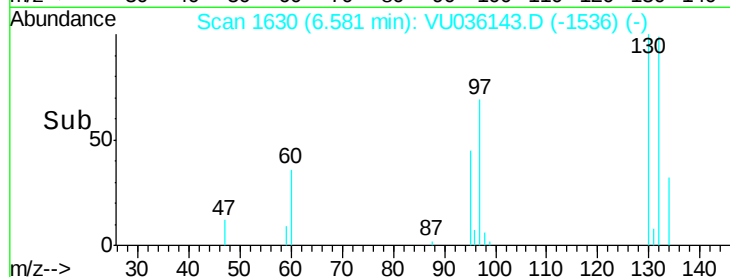


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 9.954 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU036143.D

Acq: 11 Dec 2019 19:49

Tgt Ion: 164 Resp: 216857

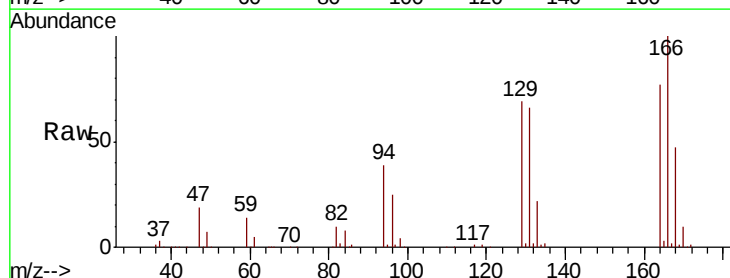
Ion Ratio Lower Upper

164 100

129 89.4 63.1 117.3

131 85.9 61.5 114.1

166 129.5 91.0 169.0



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

