

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031778.D
 Acq On : 06 May 2019 14:23
 Operator : JC/SP
 Sample : K2595-09 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:49:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	695835	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	662081	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233743	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	288186	49.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.98%
7) Chloroethane-d5	1.68	69	232678	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.27	63	431815	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.46%
21) 2-Butanone-d5	4.18	46	656297	124.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.38%
24) Chloroform-d	4.64	84	548258	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.31	65	385624	55.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.68%
32) Benzene-d6	5.34	84	1047209	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
36) 1,2-Dichloropropane-d6	6.33	67	387060	54.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.22%
41) Toluene-d8	7.56	98	823930	46.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.06%
43) trans-1,3-Dichloropropene-	7.85	79	148575	48.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.78%
47) 2-Hexanone-d5	8.31	63	355539	114.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	504355	52.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	256971	52.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.56%

Target Compounds

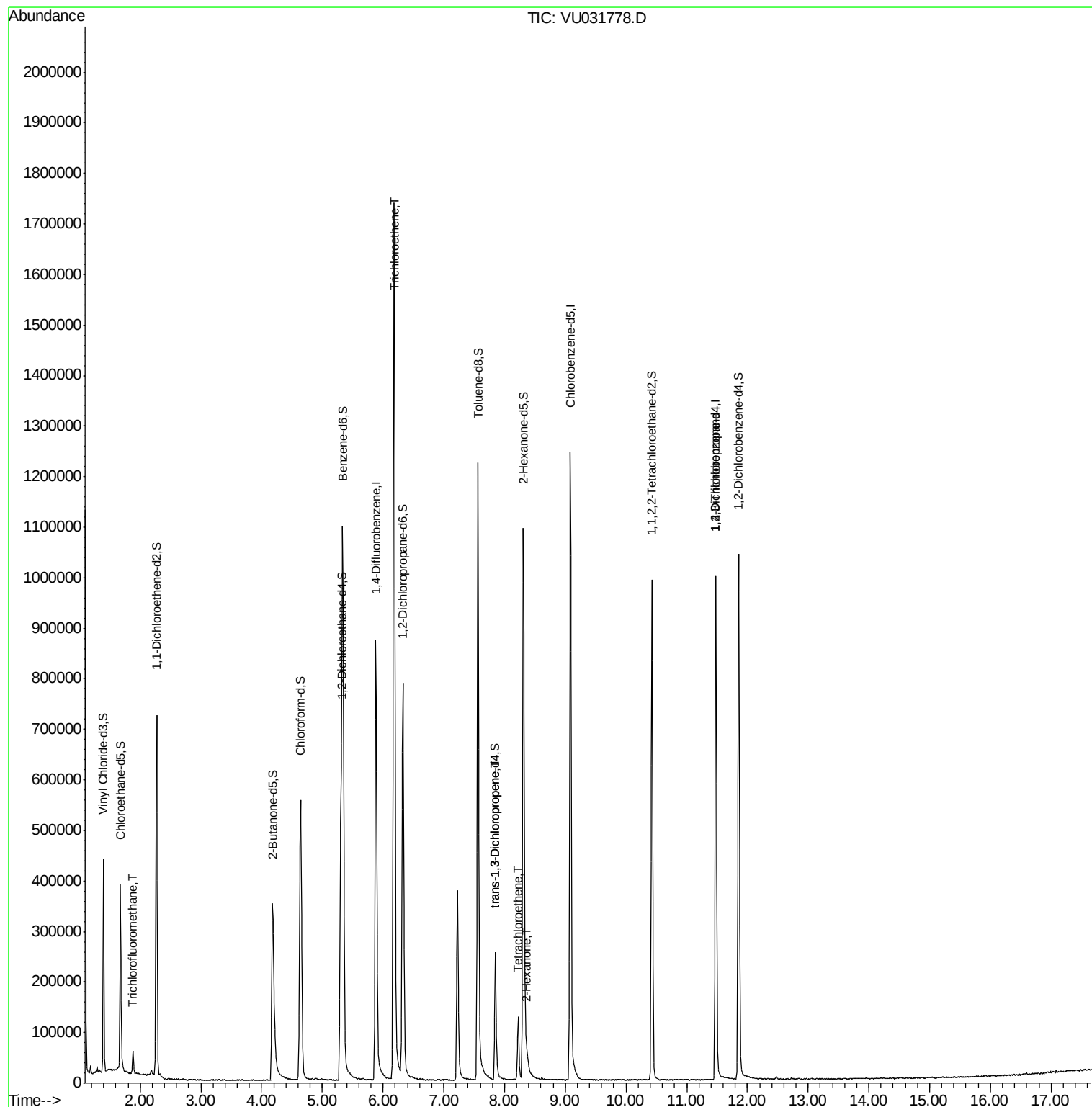
					Ovalue
9) Trichlorofluoromethane	1.88	101	21306	2.159 ug/L	98
34) Trichloroethene	6.18	95	652116	110.517 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	6998	0.845 ug/L	90
46) Tetrachloroethene	8.22	164	26564	6.604 ug/L	95
48) 2-Hexanone	8.37	43	28907	3.362 ug/L #	40
59) 1,2,3-Trichloropropane	11.48	75	35169	4.292 ug/L	91

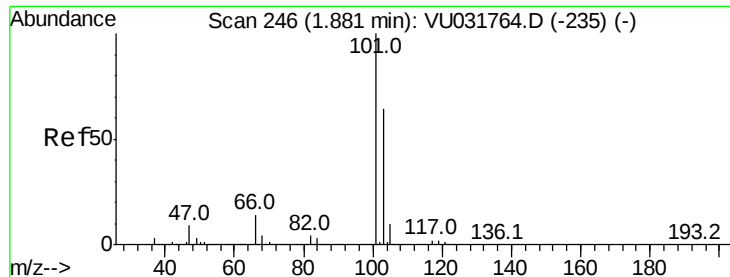
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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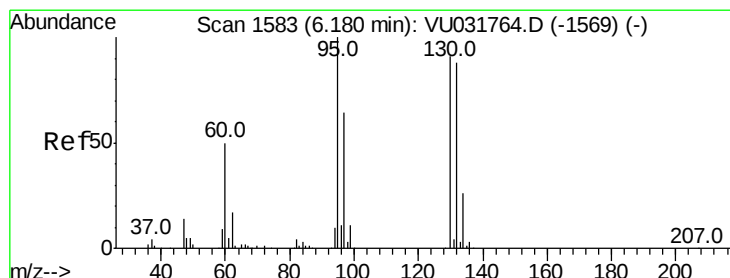
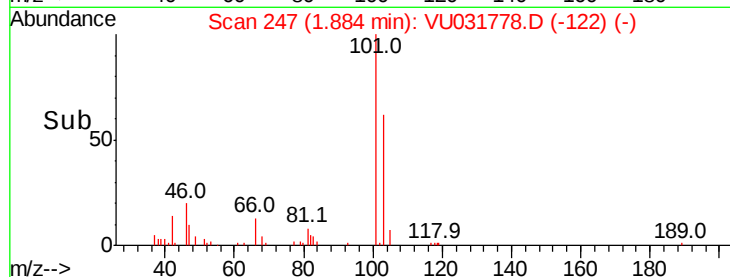
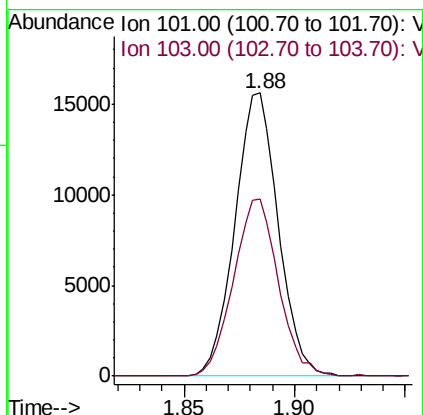
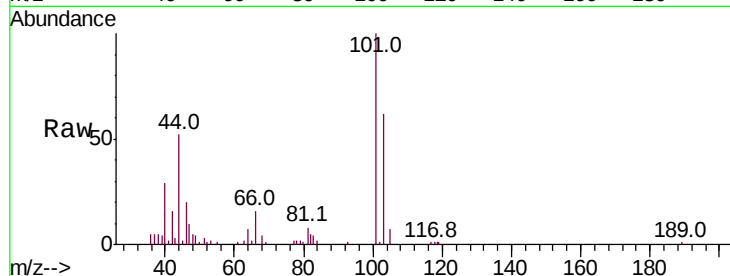


#9

Trichlorofluoromethane
Concen: 2.159 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031778.D
Acq: 06 May 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :

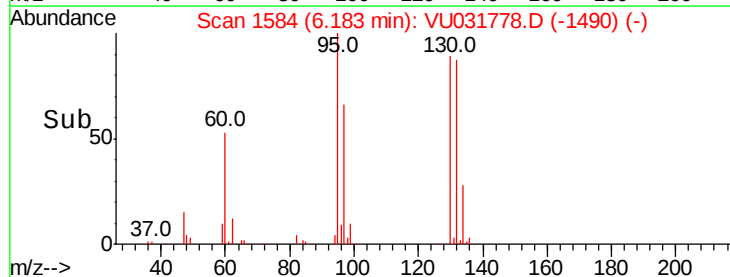
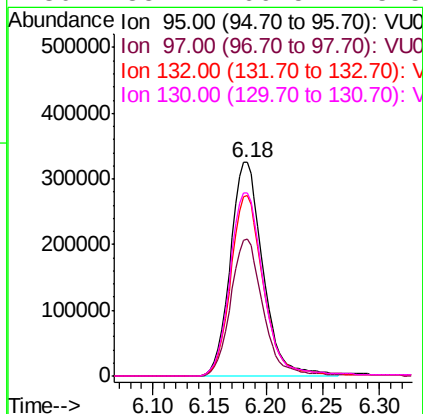
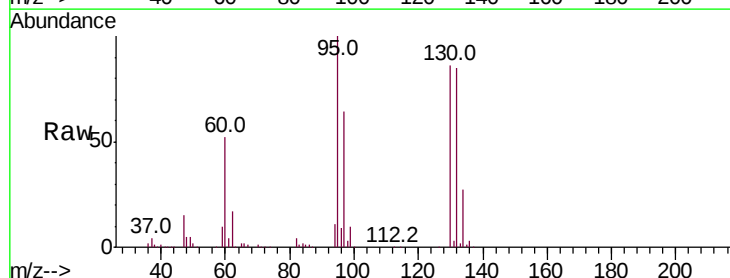
Tot Ion:101 Resp: 21306
Ion Ratio Lower Upper
101 100
103 64.8 50.8 76.2

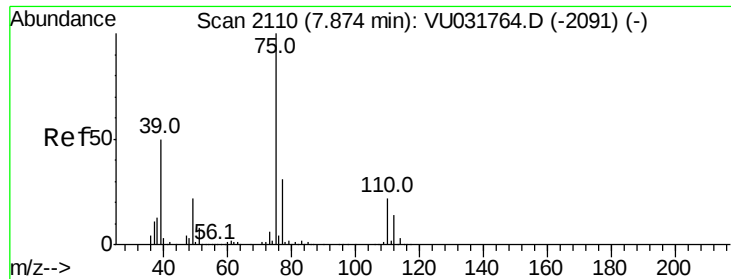


#34

Trichloroethene
Concen: 110.517 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031778.D
Acq: 06 May 2019 14:23

Tgt Ion: 95 Resp: 652116
Ion Ratio Lower Upper
95 100
97 64.3 44.8 83.2
132 84.6 63.1 117.1
130 85.7 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.845 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031778.D

Acq: 06 May 2019 14:23

Instrument :

MSVOA_U

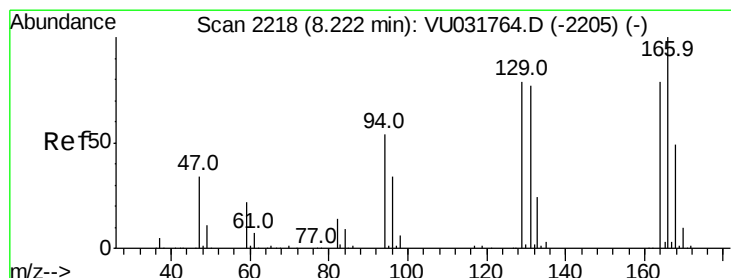
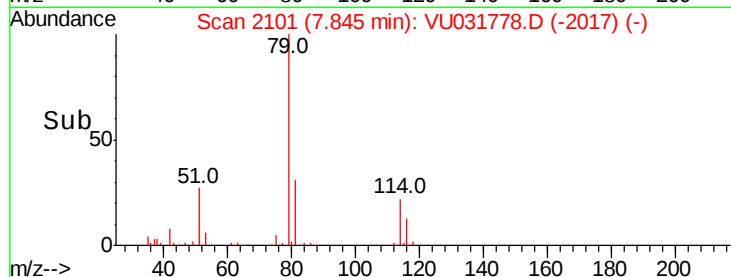
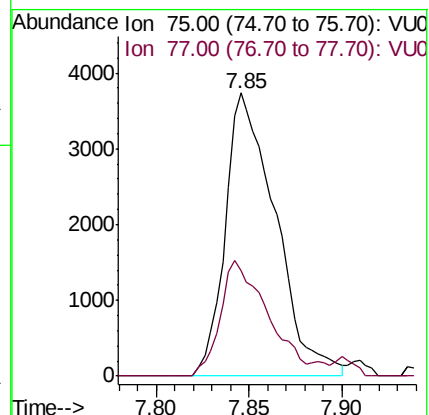
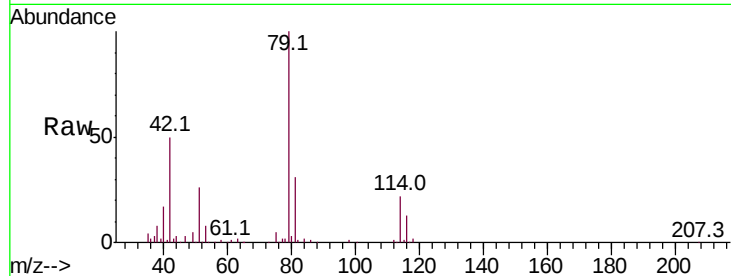
ClientSampleId :

Tot Ion: 75 Resp: 6998

Ion Ratio Lower Upper

75 100

77 37.1 22.1 41.1



#46

Tetrachloroethene

Concen: 6.604 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031778.D

Acq: 06 May 2019 14:23

Tgt Ion: 164 Resp: 26564

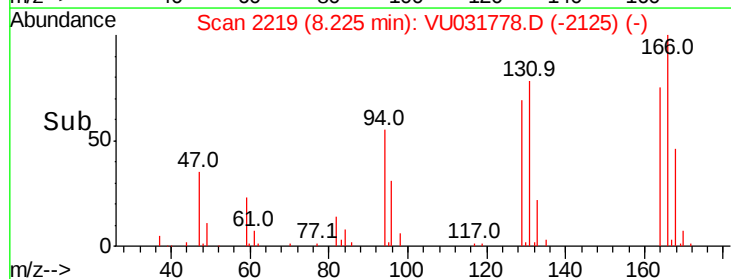
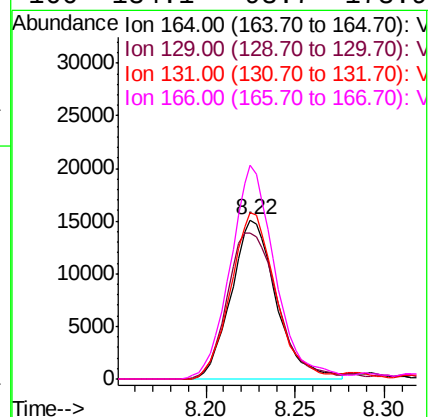
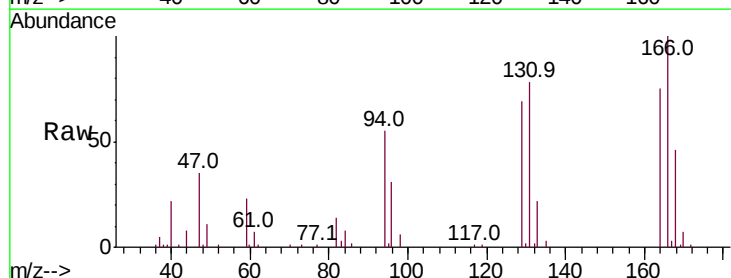
Ion Ratio Lower Upper

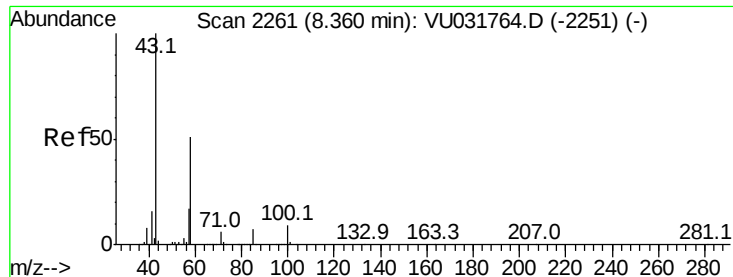
164 100

129 92.0 71.5 132.9

131 104.2 69.0 128.2

166 134.1 93.7 173.9

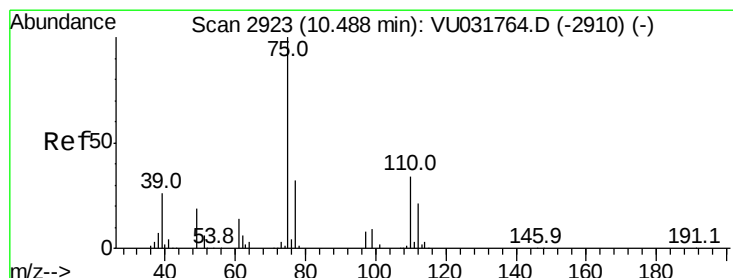
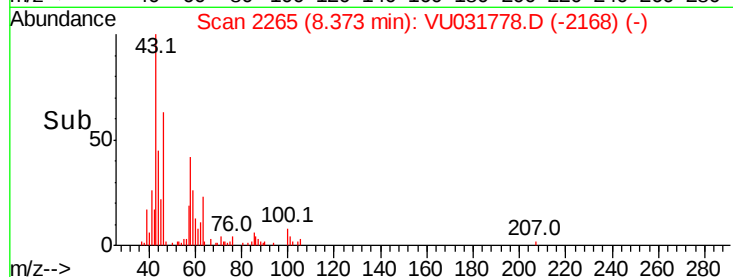
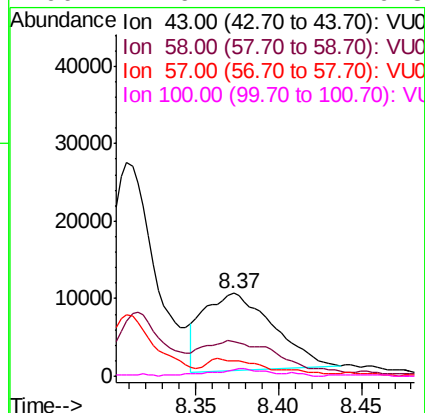
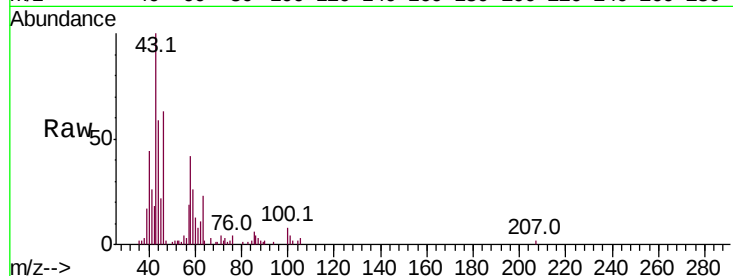




#48
2-Hexanone
Concen: 3.362 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031778.D
Acq: 06 May 2019 14:23

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	43	Resp:	28907
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.1	63.1#
57	0.0	14.6	22.0#
100	2.6	7.2	10.8#



#59
1,2,3-Trichloropropane
Concen: 4.292 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031778.D
Acq: 06 May 2019 14:23

Tgt Ion:	75	Resp:	35169
Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.9	38.9

