

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031787.D
 Acq On : 06 May 2019 18:16
 Operator : JC/SP
 Sample : K2595-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:50:46 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	661469	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	637411	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233983	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	264032	47.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.38%
7) Chloroethane-d5	1.68	69	213180	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.66%
11) 1,1-Dichloroethene-d2	2.27	63	410132	37.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.40%
21) 2-Butanone-d5	4.18	46	634096	126.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.42%
24) Chloroform-d	4.64	84	510714	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.74%
26) 1,2-Dichloroethane-d4	5.31	65	368596	55.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.30%
32) Benzene-d6	5.34	84	970376	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
36) 1,2-Dichloropropane-d6	6.33	67	367692	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.78%
41) Toluene-d8	7.56	98	766183	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%
43) trans-1,3-Dichloropropene-	7.85	79	137856	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.28%
47) 2-Hexanone-d5	8.31	63	335457	112.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	472716	51.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	243484	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%

Target Compounds

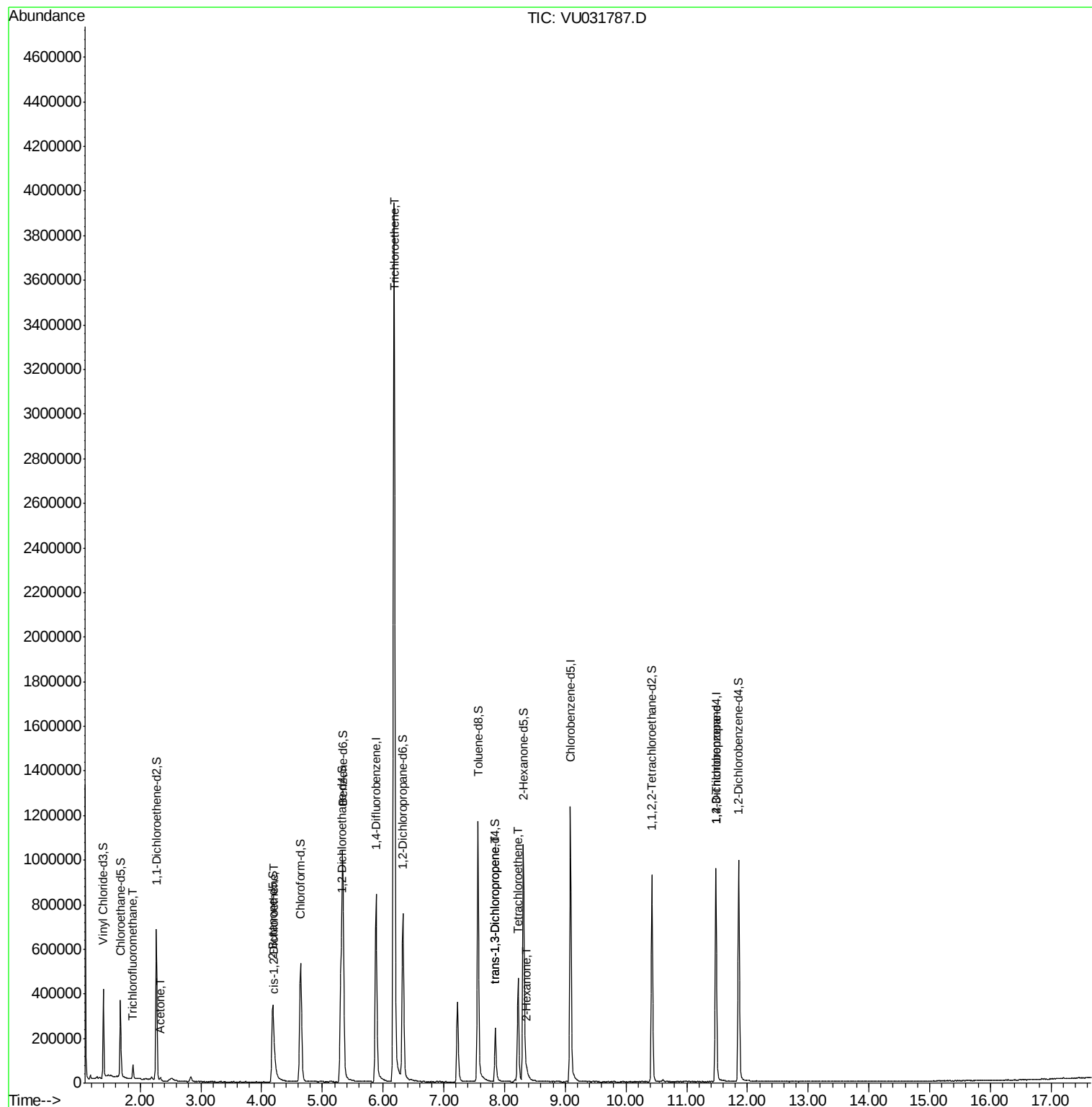
					Ovalue
9) Trichlorofluoromethane	1.88	101	31651	3.374 ug/L	98
13) Acetone	2.33	43	9789	1.733 ug/L	62
20) cis-1,2-Dichloroethene	4.22	96	3993	0.692 ug/L	94
34) Trichloroethene	6.18	95	1457382	256.548 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	6026	0.756 ug/L	94
46) Tetrachloroethene	8.22	164	100982	26.075 ug/L	95
48) 2-Hexanone	8.37	43	17122	2.068 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	33464	4.242 ug/L	89

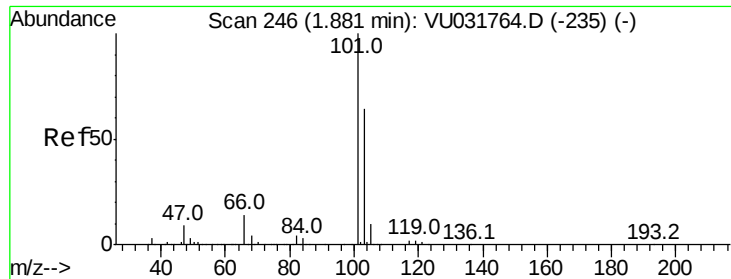
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 3.374 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031787.D

Acq: 06 May 2019 18:16

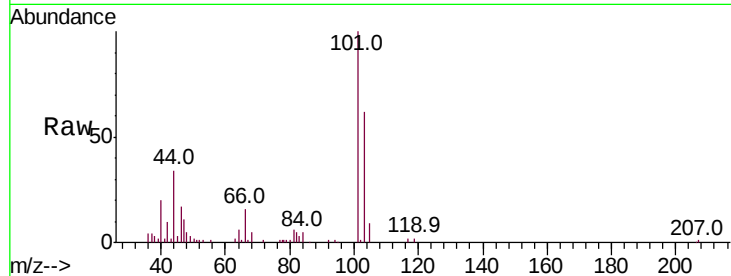
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:101 Resp: 31651

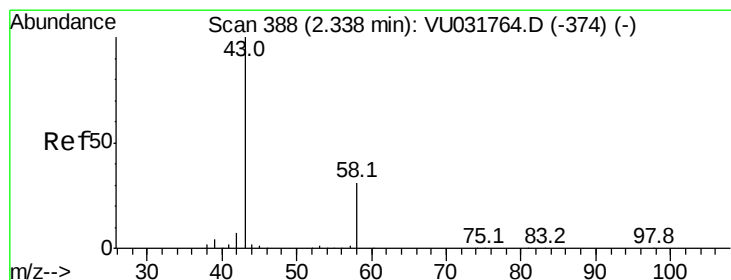
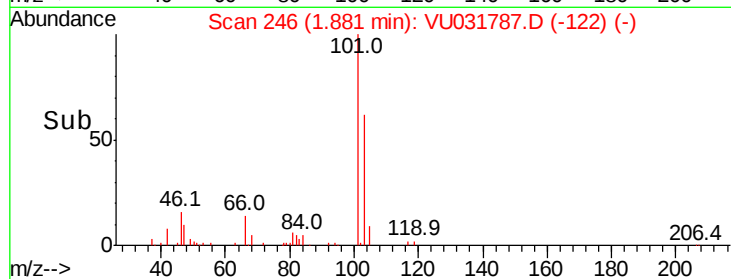
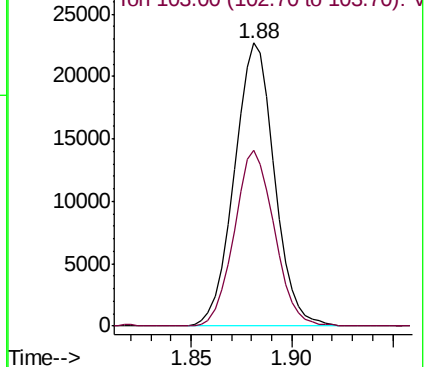
Ion Ratio Lower Upper

101 100

103 61.7 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.733 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

Lab File: VU031787.D

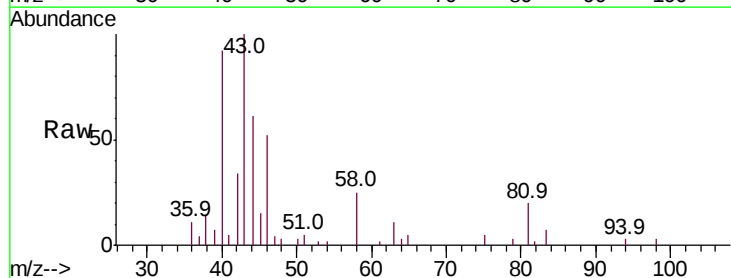
Acq: 06 May 2019 18:16

Tgt Ion: 43 Resp: 9789

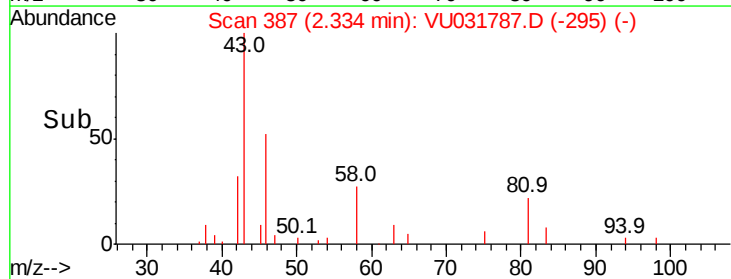
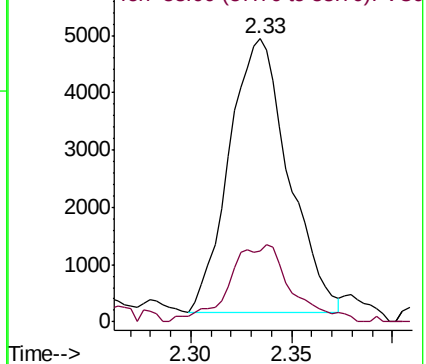
Ion Ratio Lower Upper

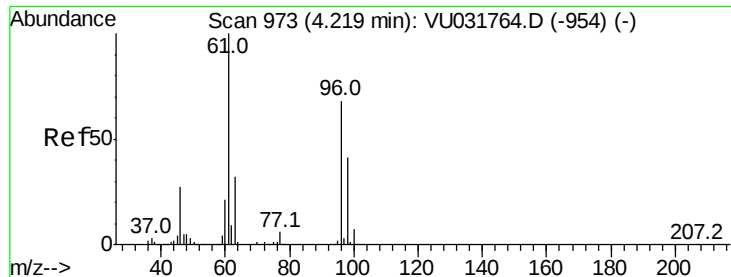
43 100

58 10.8 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0



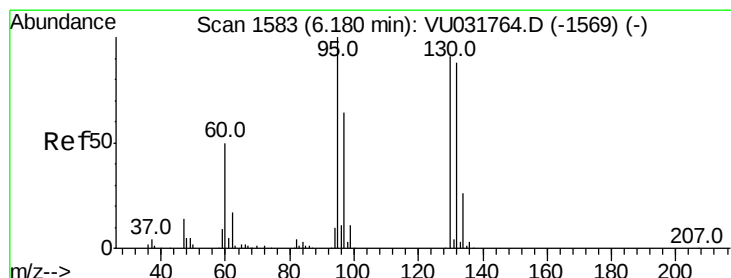
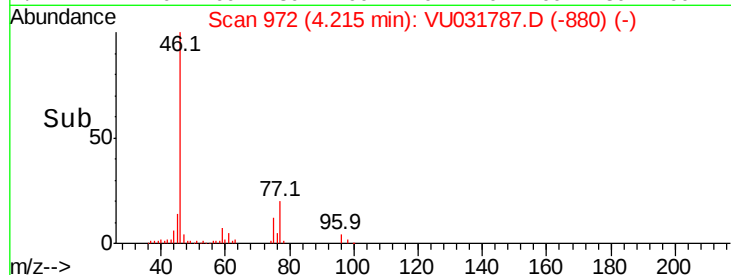
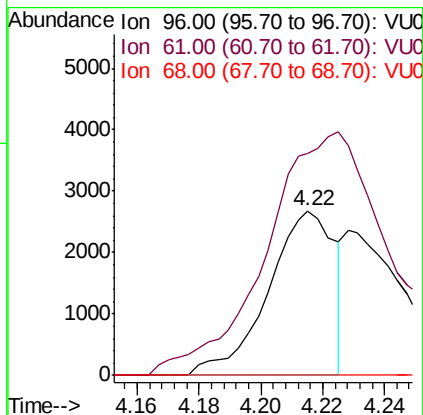
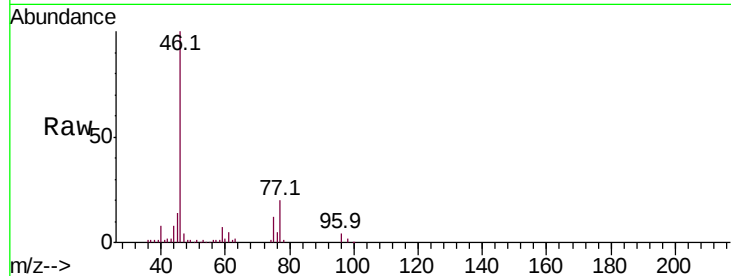


#20

cis-1,2-Dichloroethene
Concen: 0.692 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU031787.D
Acq: 06 May 2019 18:16

Instrument :
MSVOA_U
ClientSampleId :

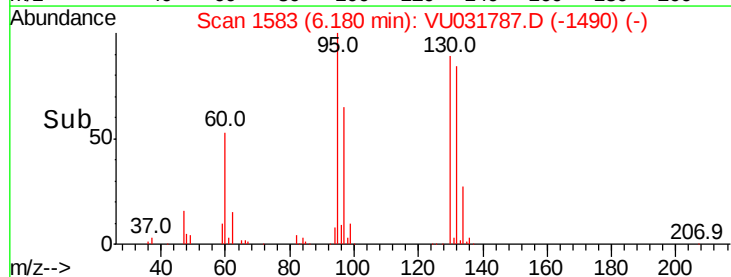
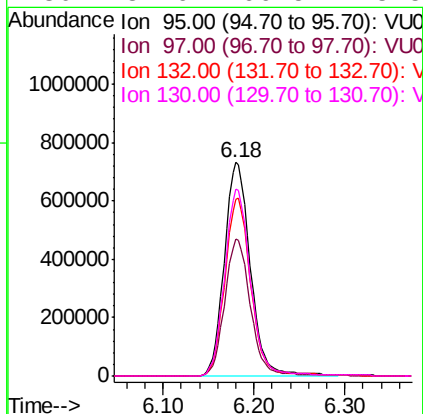
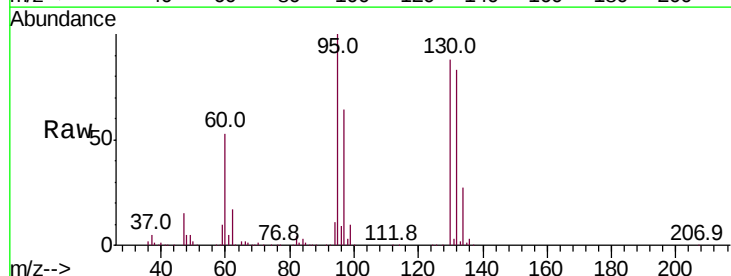
Tot Ion: 96 Resp: 3993
Ion Ratio Lower Upper
96 100
61 134.7 99.5 184.7
68 0.0 0.0 0.0

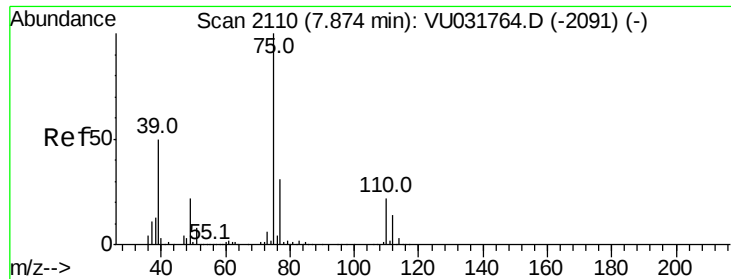


#34

Trichloroethene
Concen: 256.548 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031787.D
Acq: 06 May 2019 18:16

Tgt Ion: 95 Resp: 1457382
Ion Ratio Lower Upper
95 100
97 64.0 44.8 83.2
132 82.9 63.1 117.1
130 87.6 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.756 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031787.D

Acq: 06 May 2019 18:16

Instrument :

MSVOA_U

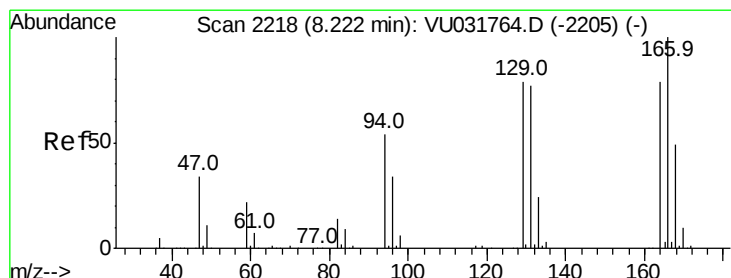
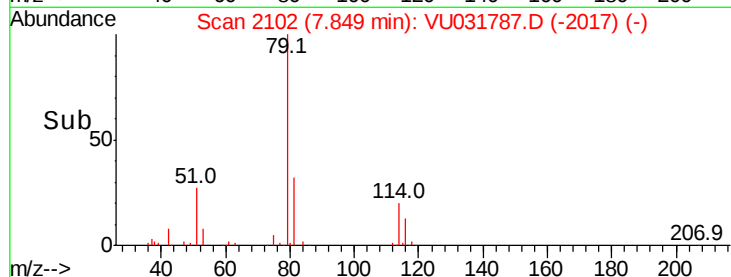
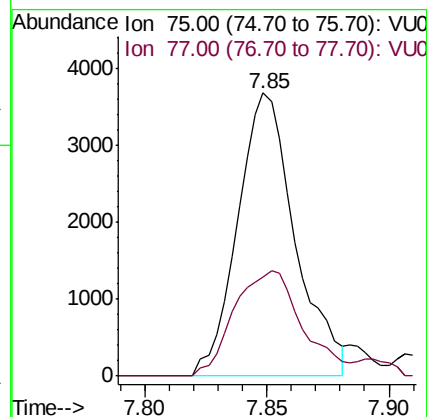
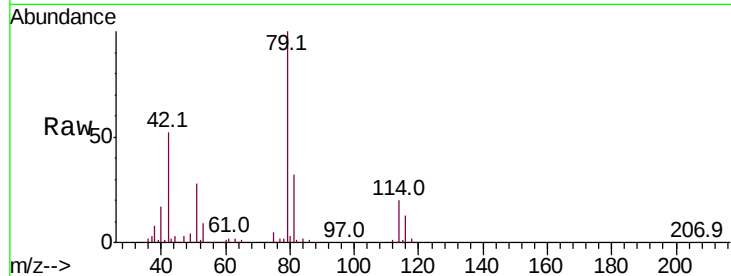
ClientSampleId :

Tot Ion: 75 Resp: 6026

Ion Ratio Lower Upper

75 100

77 34.8 22.1 41.1



#46

Tetrachloroethene

Concen: 26.075 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031787.D

Acq: 06 May 2019 18:16

Tgt Ion:164 Resp: 100982

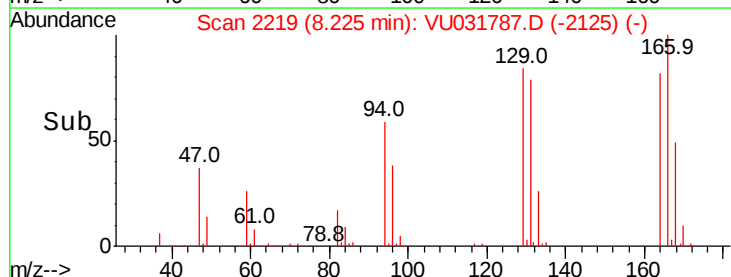
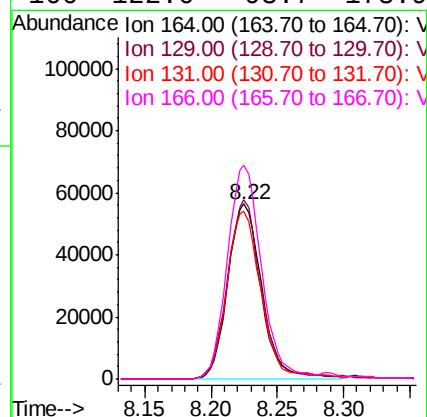
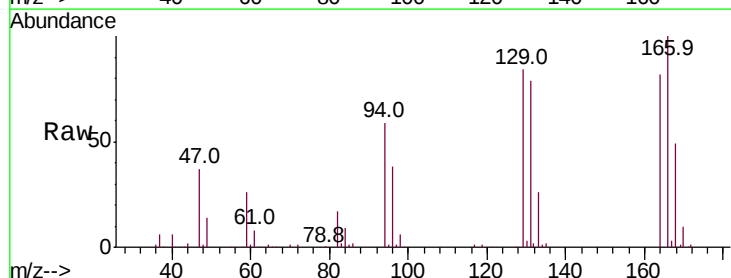
Ion Ratio Lower Upper

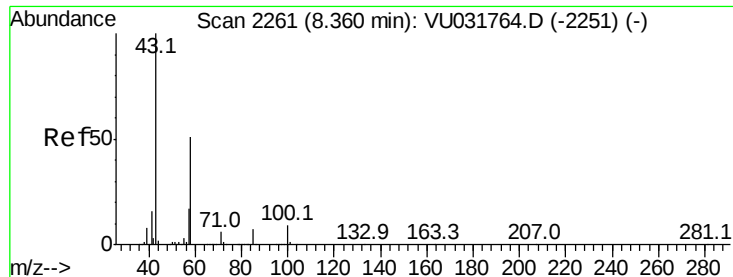
164 100

129 102.3 71.5 132.9

131 95.8 69.0 128.2

166 122.0 93.7 173.9

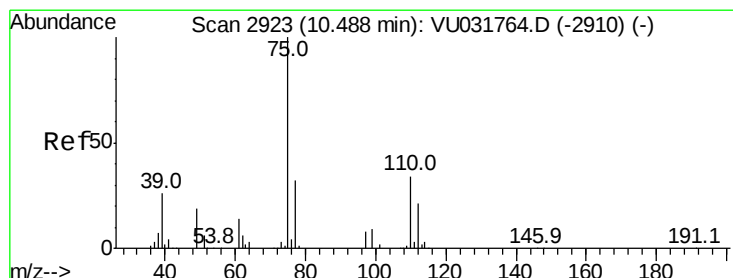
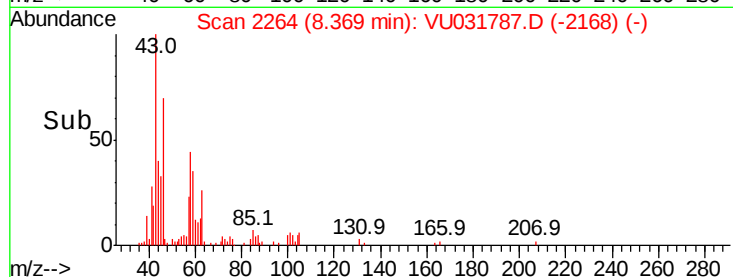
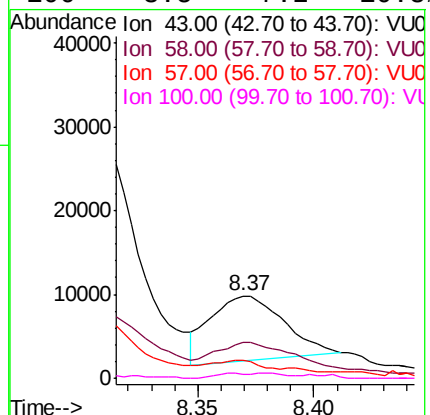
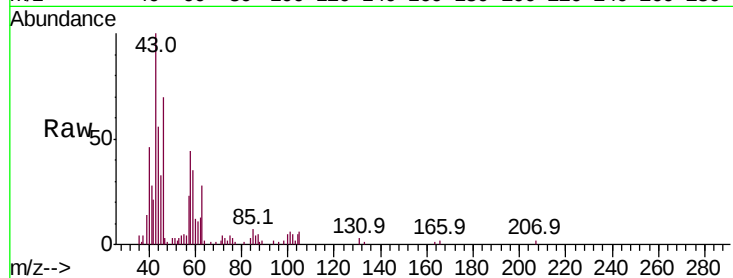




#48
2-Hexanone
Concen: 2.068 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031787.D
Acq: 06 May 2019 18:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 17122
Ion Ratio Lower Upper
43 100
58 77.2 42.1 63.1#
57 0.0 14.6 22.0#
100 3.5 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 4.242 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031787.D
Acq: 06 May 2019 18:16

Tgt Ion: 75 Resp: 33464
Ion Ratio Lower Upper
75 100
77 38.8 25.9 38.9

