

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031777.D
 Acq On : 06 May 2019 13:59
 Operator : JC/SP
 Sample : K2595-04 25X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:49:43 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	733691	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	693727	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251091	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	301261	49.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.12%
7) Chloroethane-d5	1.68	69	240810	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.50%
11) 1,1-Dichloroethene-d2	2.27	63	460372	37.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.30%
21) 2-Butanone-d5	4.18	46	690194	124.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.06%
24) Chloroform-d	4.90	84	221	0.02	ug/L	0.25
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	5.31	65	405373	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.34%
32) Benzene-d6	5.34	84	1097321	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
36) 1,2-Dichloropropane-d6	6.33	67	403135	53.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.58%
41) Toluene-d8	7.56	98	860819	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%
43) trans-1,3-Dichloropropene-	7.85	79	160287	49.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.64%
47) 2-Hexanone-d5	8.31	63	365614	112.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	525077	52.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	272405	51.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.18%

Target Compounds

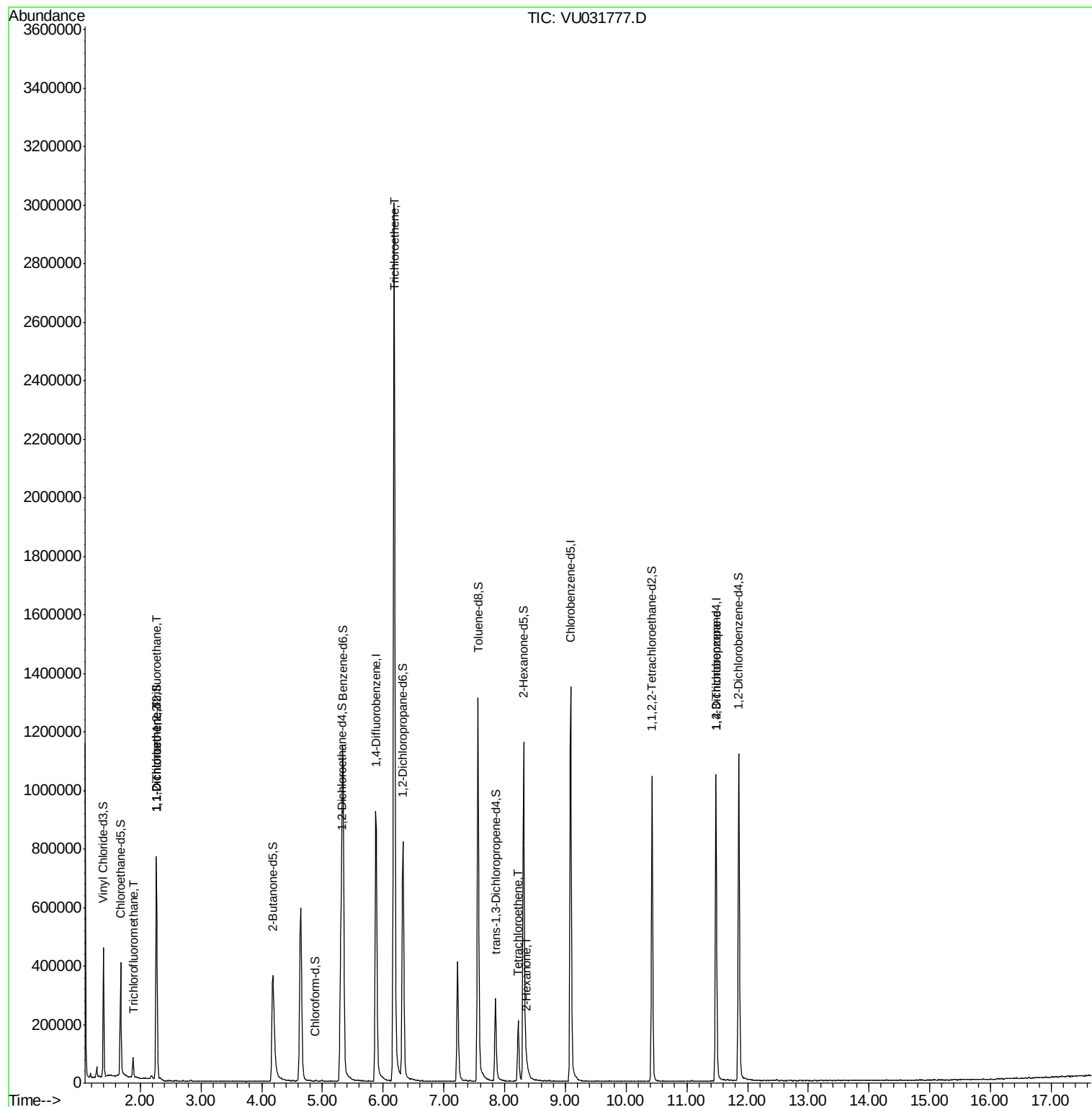
					Ovalue
9) Trichlorofluoromethane	1.88	101	34191	3.286 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3943	0.670 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3653	0.638 ug/L #	1
34) Trichloroethene	6.18	95	1117810	180.798 ug/L	94
46) Tetrachloroethene	8.22	164	42972	10.195 ug/L	97
48) 2-Hexanone	8.37	43	34371	3.815 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	35974	4.190 ug/L	92

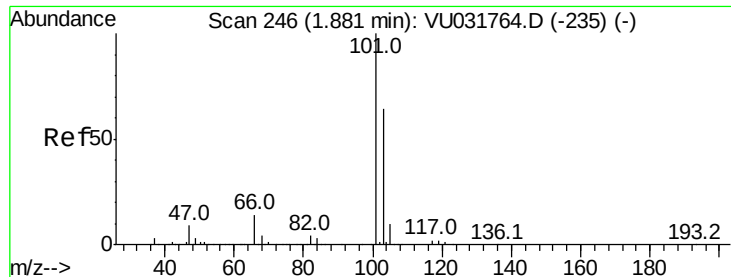
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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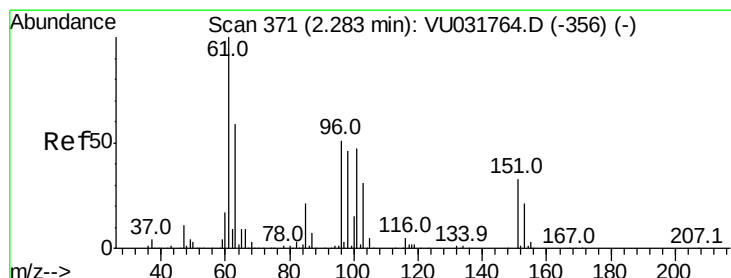
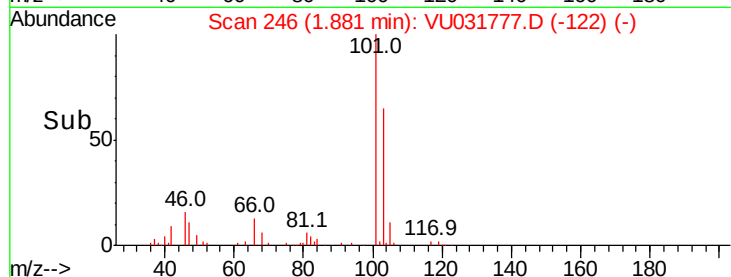
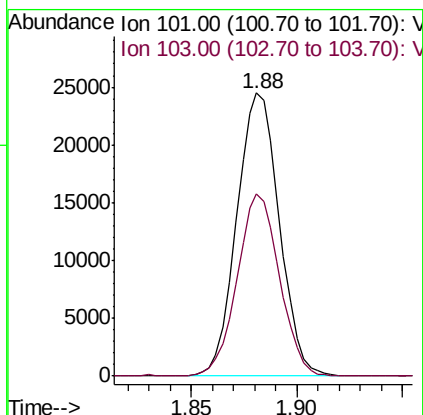
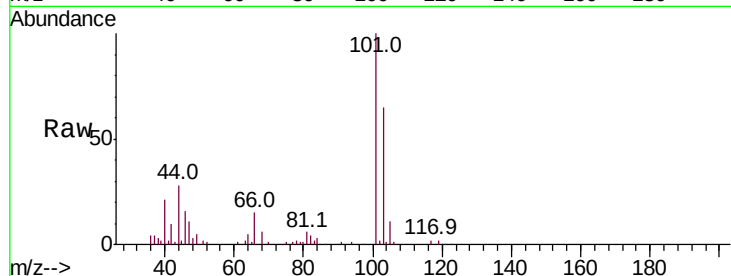


#9

Trichlorofluoromethane
Concen: 3.286 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031777.D
Acq: 06 May 2019 13:59

Instrument :
MSVOA_U
ClientSampled :

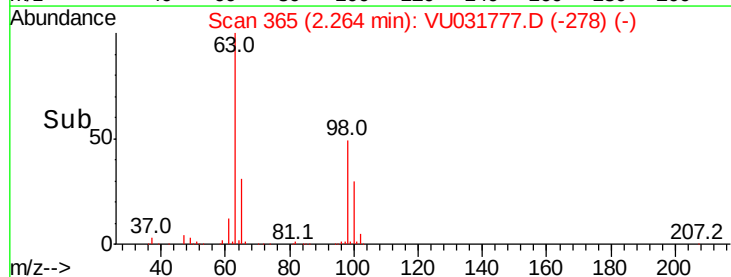
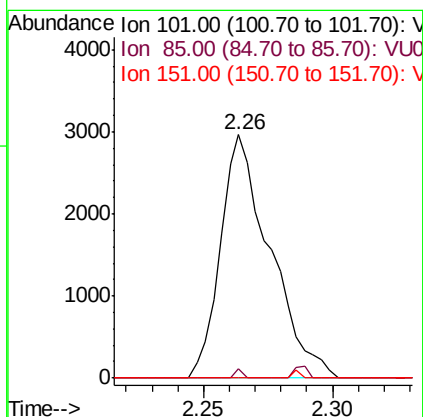
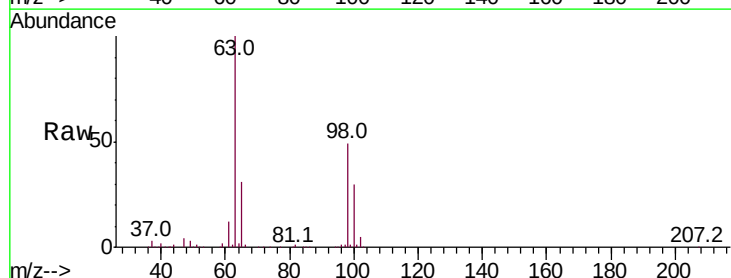
Tot Ion:101 Resp: 34191
Ion Ratio Lower Upper
101 100
103 64.1 50.8 76.2

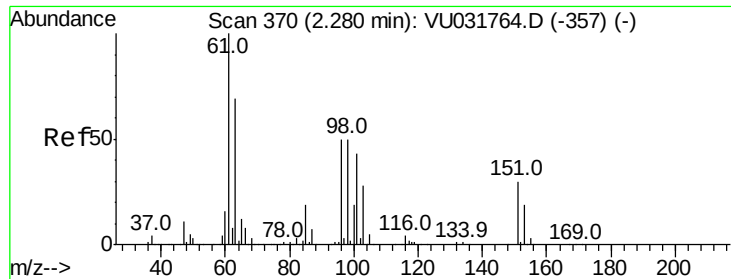


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.670 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU031777.D
Acq: 06 May 2019 13:59

Tgt Ion:101 Resp: 3943
Ion Ratio Lower Upper
101 100
85 1.3 36.1 54.1#
151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031777.D

Acq: 06 May 2019 13:59

Instrument :
MSVOA_U
ClientSampled :

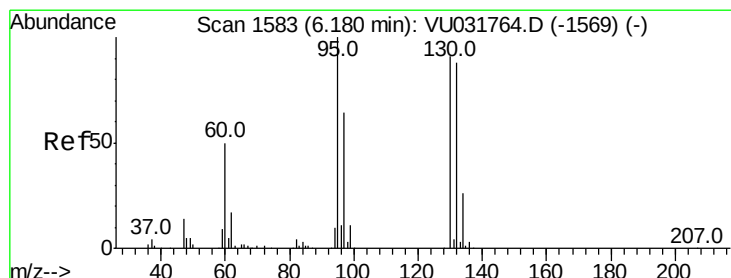
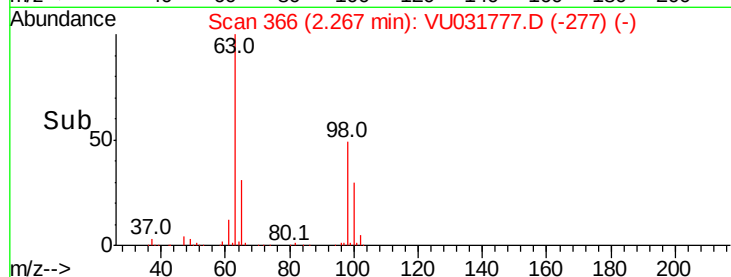
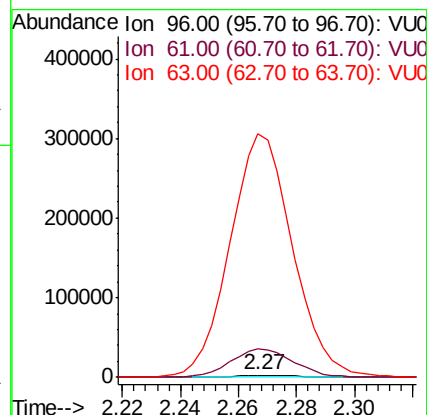
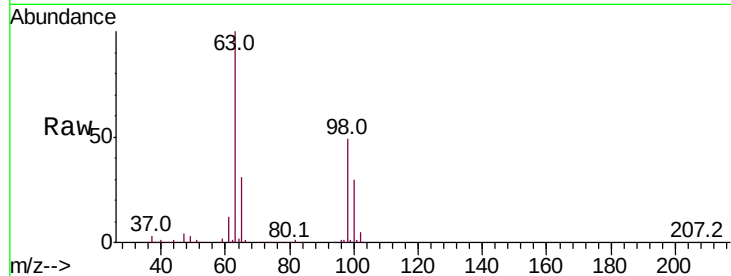
Tot Ion: 96 Resp: 3653

Ion Ratio Lower Upper

96 100

61 1546.2 135.0 250.6#

63 13101.6 103.5 192.3#



#34

Trichloroethene

Concen: 180.798 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031777.D

Acq: 06 May 2019 13:59

Tgt Ion: 95 Resp: 1117810

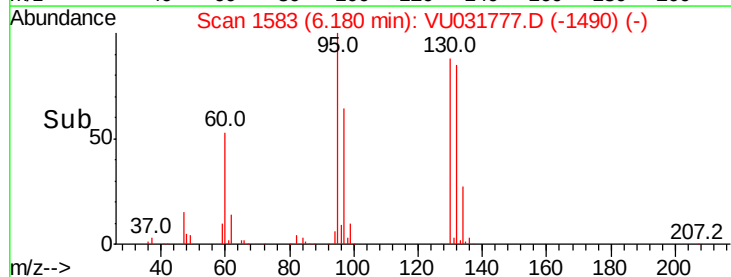
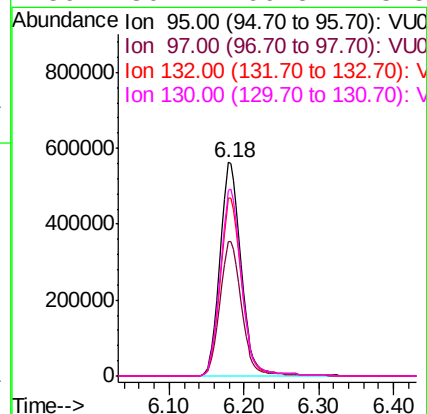
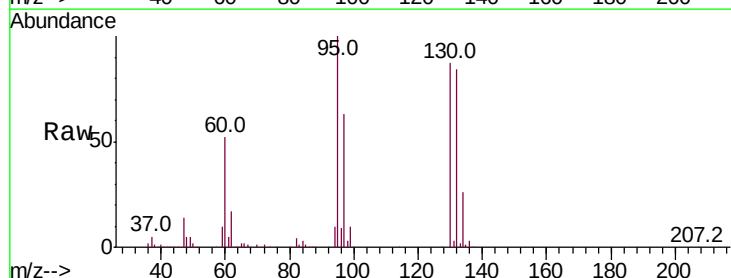
Ion Ratio Lower Upper

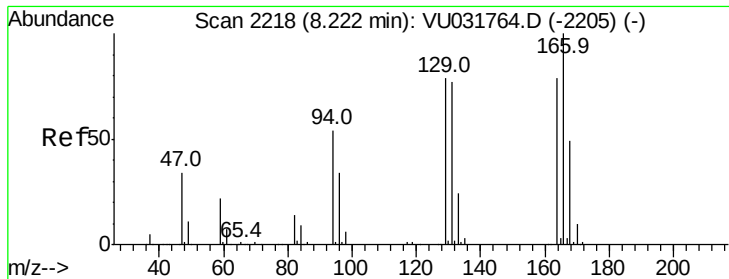
95 100

97 62.7 44.8 83.2

132 83.6 63.1 117.1

130 86.7 66.5 123.5

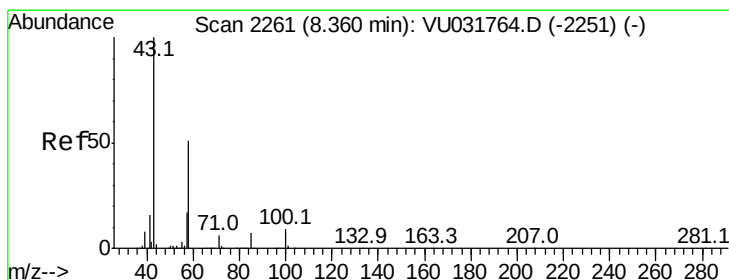
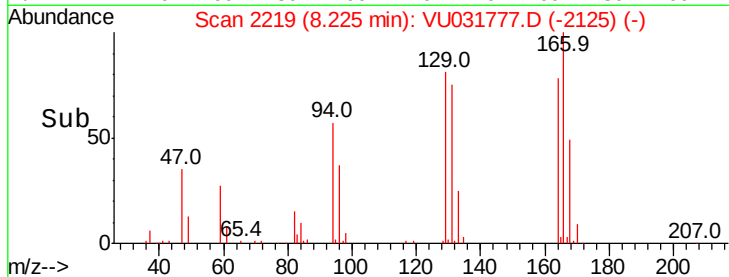
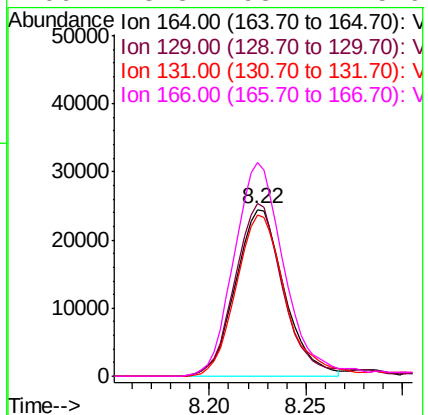
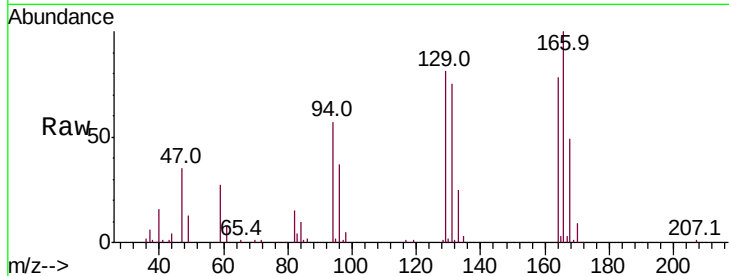




#46
Tetrachloroethene
Concen: 10.195 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031777.D
Acq: 06 May 2019 13:59

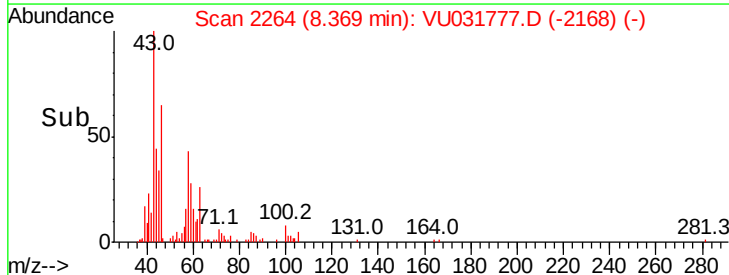
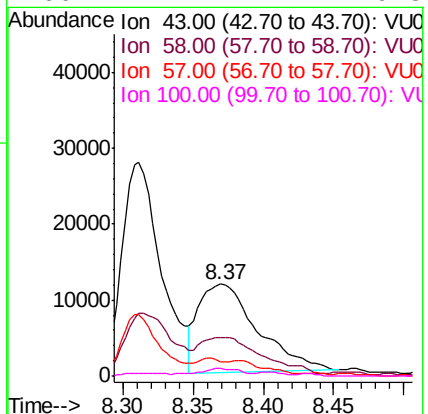
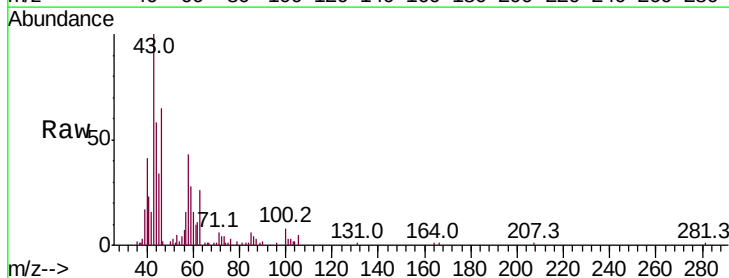
Instrument :
MSVOA_U
ClientSampled :

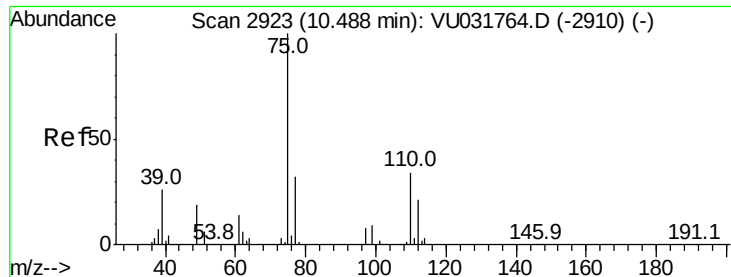
Tot Ion:164 Resp: 42972
Ion Ratio Lower Upper
164 100
129 103.6 71.5 132.9
131 96.7 69.0 128.2
166 128.3 93.7 173.9



#48
2-Hexanone
Concen: 3.815 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031777.D
Acq: 06 May 2019 13:59

Tgt Ion: 43 Resp: 34371
Ion Ratio Lower Upper
43 100
58 31.6 42.1 63.1#
57 2.1 14.6 22.0#
100 2.2 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.190 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031777.D

Acq: 06 May 2019 13:59

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 35974

Ion Ratio Lower Upper

75 100

77 37.1 25.9 38.9

