

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031578.D
 Acq On : 29 Apr 2019 12:03
 Operator : JC/SP
 Sample : K2590-11 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB0

Quant Time: Apr 30 01:57:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	709058	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	690573	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	259193	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	312854	52.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.44%
7) Chloroethane-d5	1.68	69	254036	55.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.27	63	469469	39.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.46%
21) 2-Butanone-d5	4.19	46	615567	114.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.49%
24) Chloroform-d	4.64	84	557110	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
26) 1,2-Dichloroethane-d4	5.31	65	380672	53.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.22%
32) Benzene-d6	5.34	84	1096110	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
36) 1,2-Dichloropropane-d6	6.32	67	390505	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.68%
41) Toluene-d8	7.56	98	912717	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%
43) trans-1,3-Dichloropropene-	7.85	79	159117	49.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.36%
47) 2-Hexanone-d5	8.31	63	363608	112.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	503801	50.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	293872	53.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.82%

Target Compounds

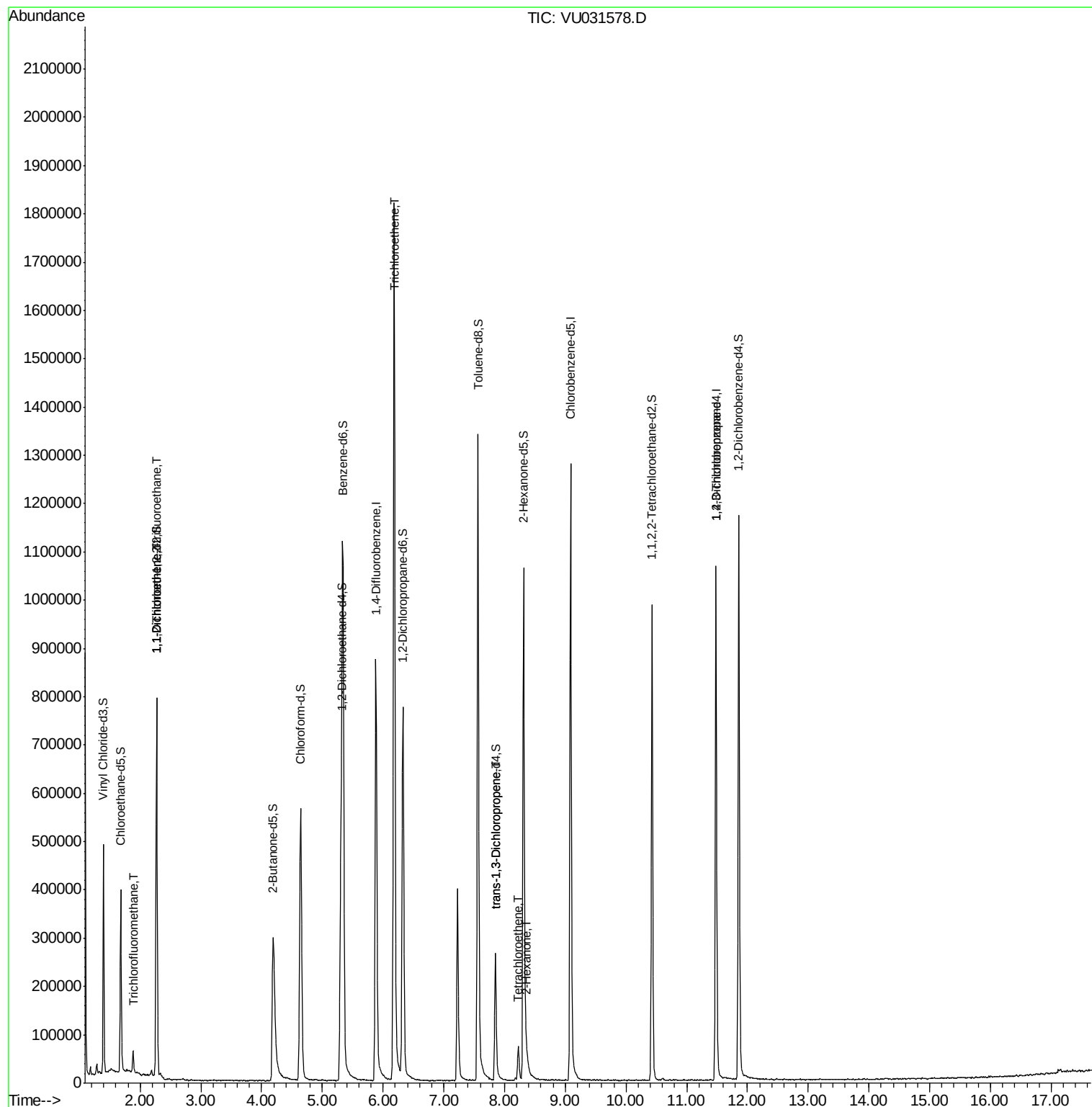
					Qvalue
9) Trichlorofluoromethane	1.88	101	20294	2.018 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3904	0.687 ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3384	0.612 ug/L #	1
34) Trichloroethene	6.18	95	682789	110.941 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	6652	0.770 ug/L	87
46) Tetrachloroethene	8.23	164	17131	4.083 ug/L	95
48) 2-Hexanone	8.37	43	25827	2.880 ug/L #	49
59) 1,2,3-Trichloropropane	11.48	75	35234	4.123 ug/L	89

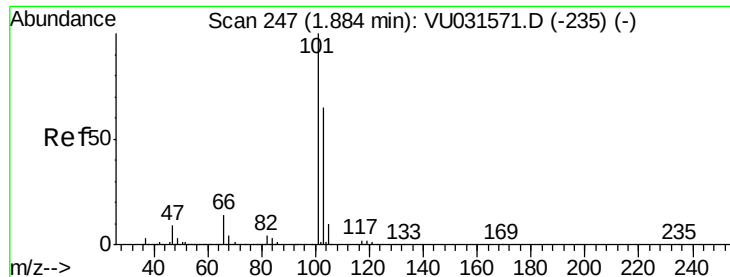
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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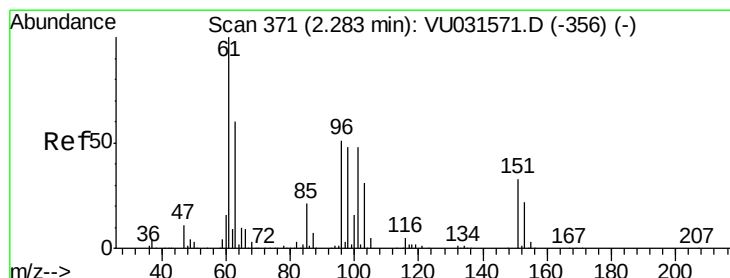
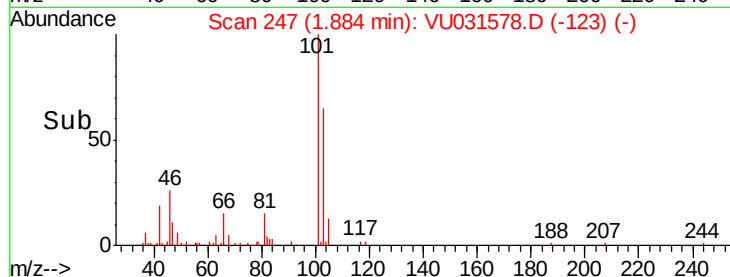
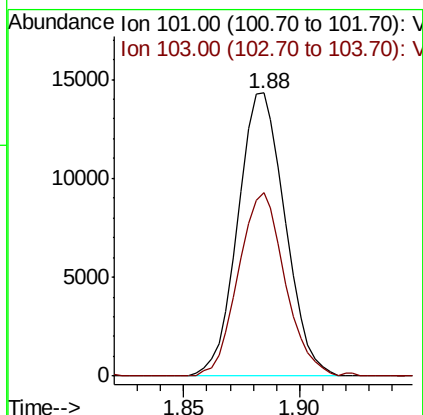
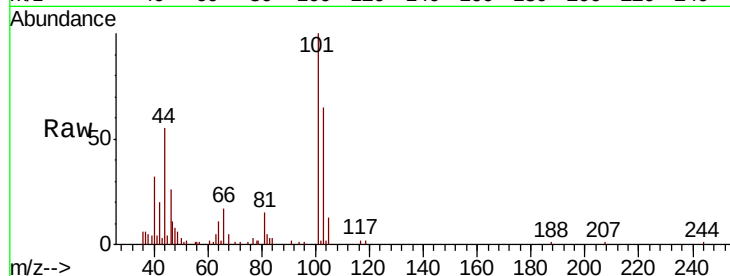


#9

Trichlorofluoromethane
 Concen: 2.018 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031578.D
 Acq: 29 Apr 2019 12:03

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB0

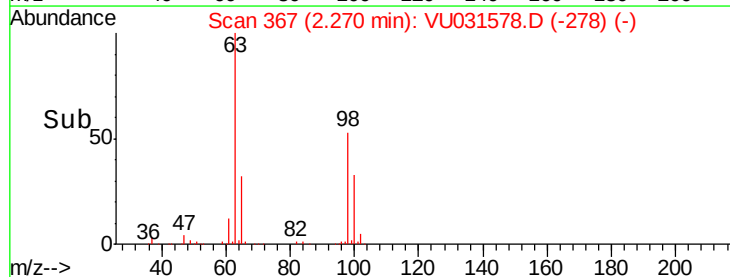
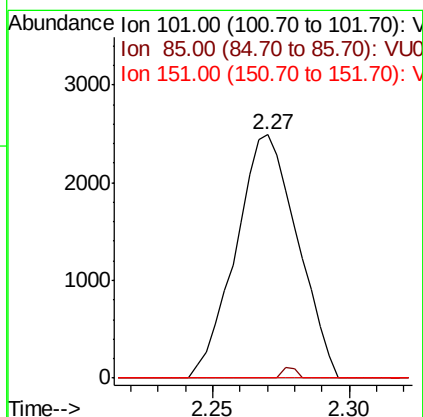
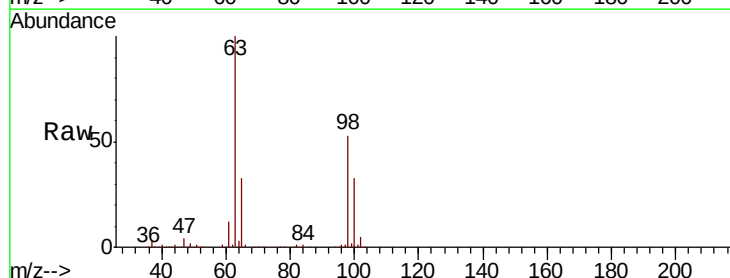
Tgt Ion:101 Resp: 20294
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.8 76.2

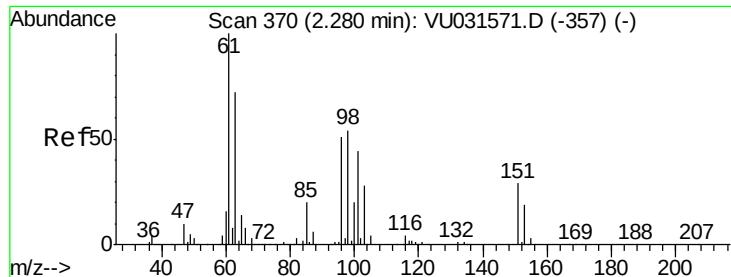


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.687 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031578.D
 Acq: 29 Apr 2019 12:03

Tgt Ion:101 Resp: 3904
 Ion Ratio Lower Upper
 101 100
 85 1.1 36.1 54.1#
 151 1.4 56.1 84.1#

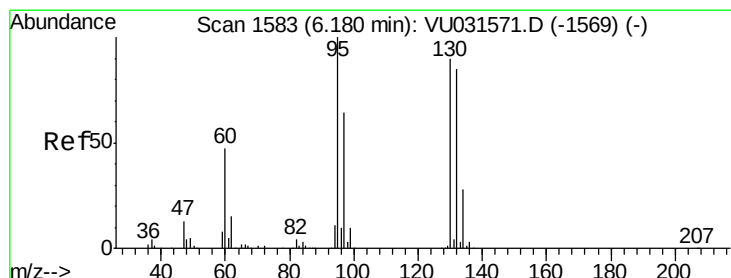
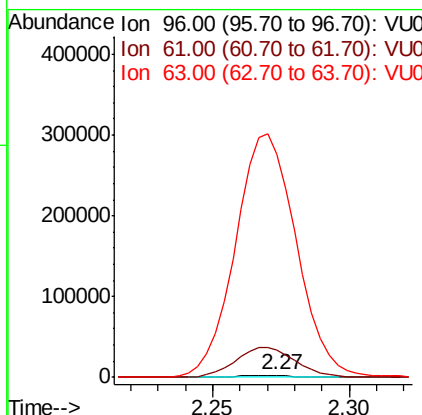
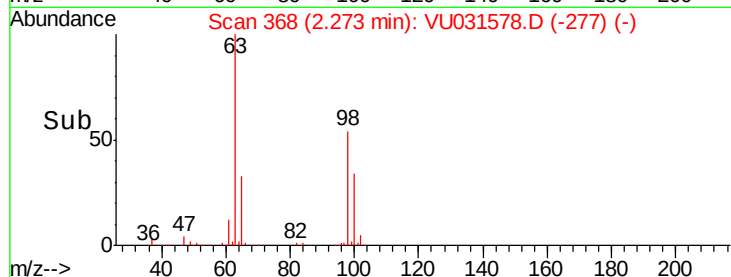
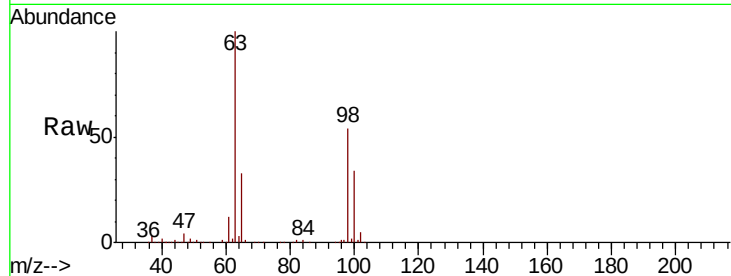




#12
 1,1-Dichloroethene
 Concen: 0.612 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU031578.D
 Acq: 29 Apr 2019 12:03

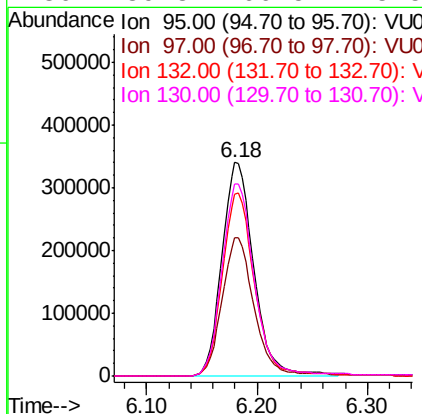
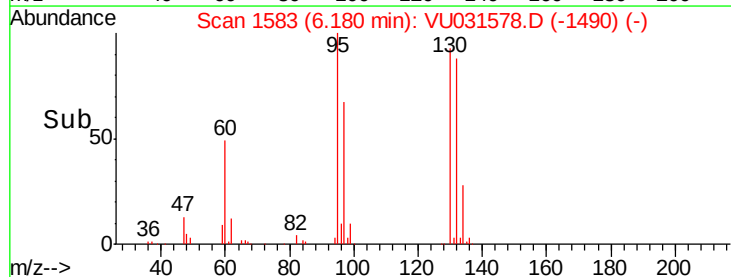
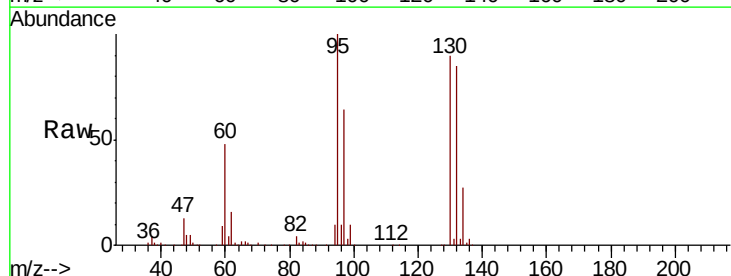
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB0

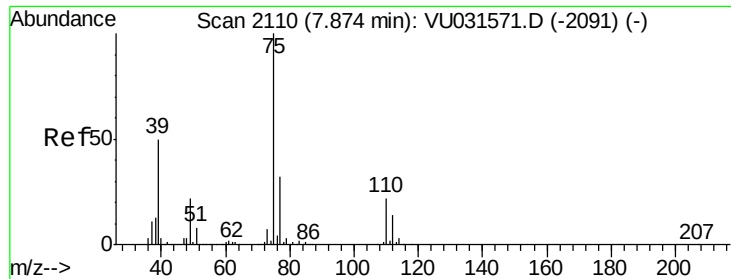
Tgt Ion: 96 Resp: 3384
 Ion Ratio Lower Upper
 96 100
 61 1518.8 135.0 250.6#
 63 12274.9 103.5 192.3#



#34
 Trichloroethene
 Concen: 110.941 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU031578.D
 Acq: 29 Apr 2019 12:03

Tgt Ion: 95 Resp: 682789
 Ion Ratio Lower Upper
 95 100
 97 64.5 44.8 83.2
 132 85.2 63.1 117.1
 130 89.8 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.770 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031578.D

Acq: 29 Apr 2019 12:03

Instrument :

MSVOA_U

ClientSampleId :

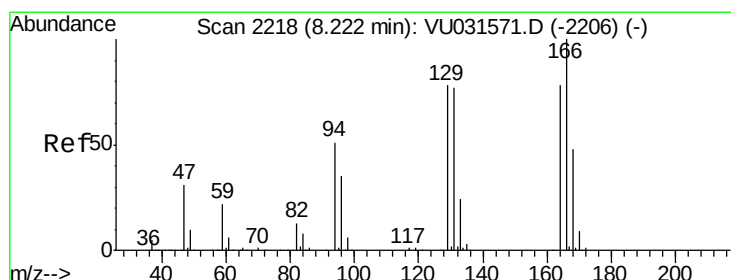
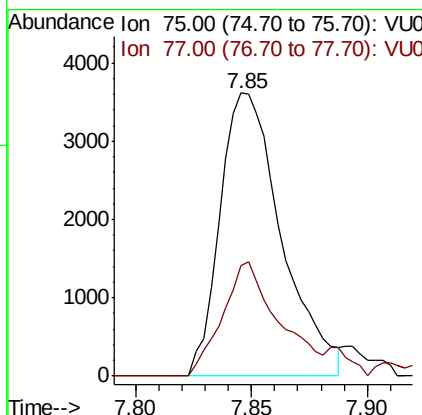
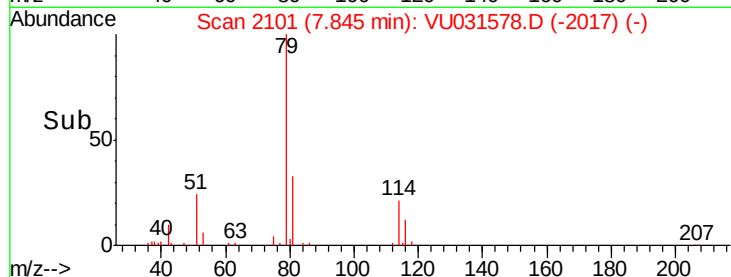
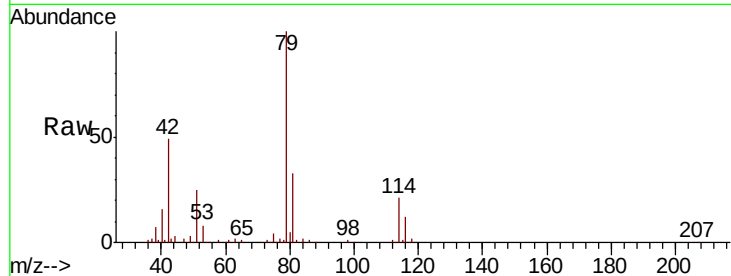
C0XB0

Tgt Ion: 75 Resp: 6652

Ion Ratio Lower Upper

75 100

77 38.9 22.1 41.1



#46

Tetrachloroethene

Concen: 4.083 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031578.D

Acq: 29 Apr 2019 12:03

Tgt Ion: 164 Resp: 17131

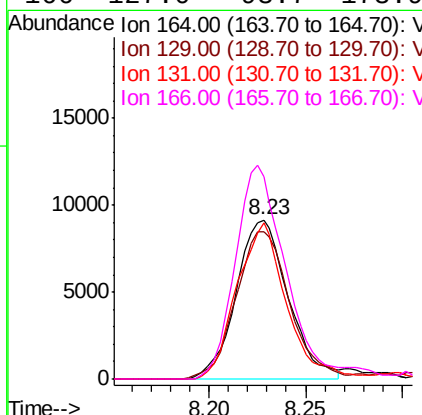
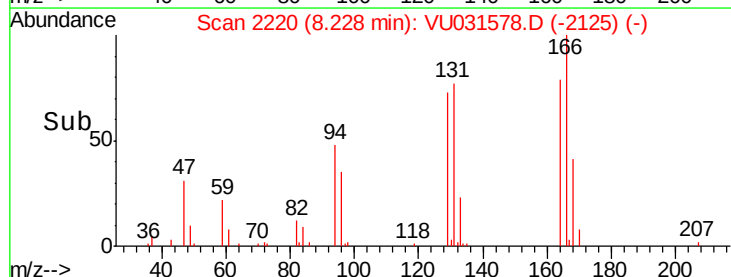
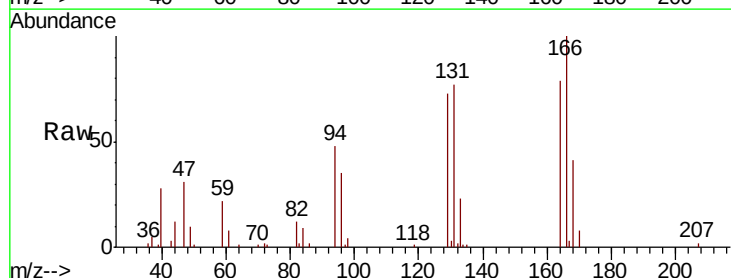
Ion Ratio Lower Upper

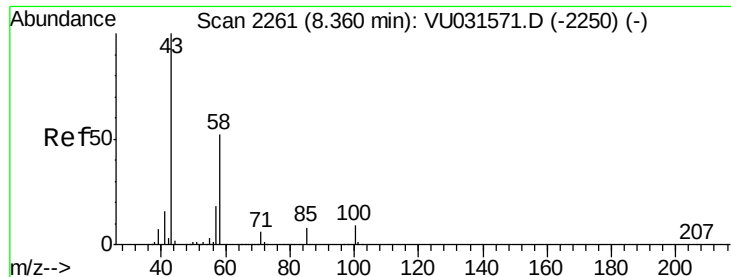
164 100

129 92.9 71.5 132.9

131 98.0 69.0 128.2

166 127.0 93.7 173.9

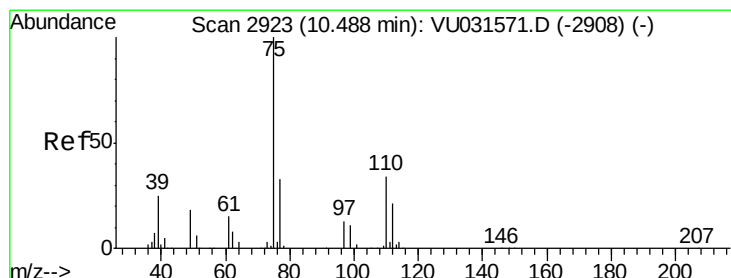
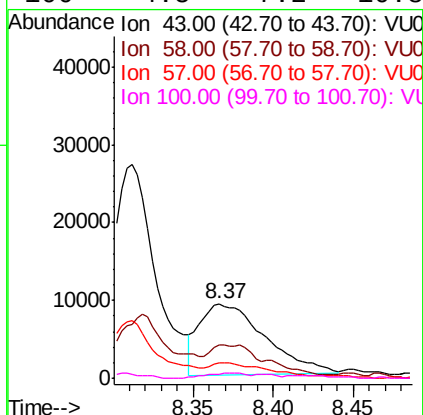
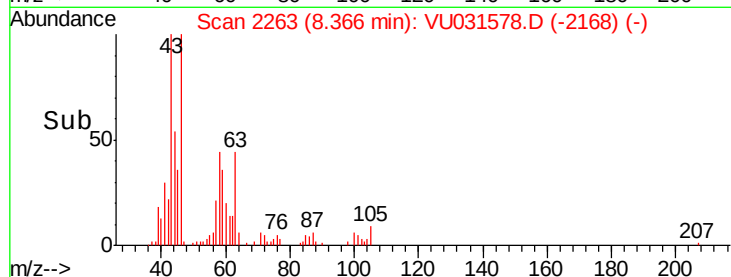
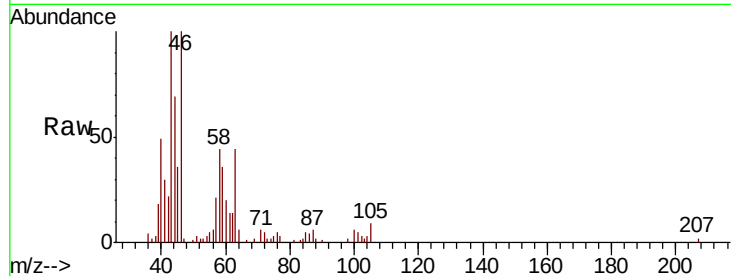




#48
2-Hexanone
Concen: 2.880 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031578.D
Acq: 29 Apr 2019 12:03

Instrument :
MSVOA_U
ClientSampled :
C0XB0

Tgt Ion: 43 Resp: 25827
Ion Ratio Lower Upper
43 100
58 4.5 42.1 63.1#
57 9.2 14.6 22.0#
100 4.5 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 4.123 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031578.D
Acq: 29 Apr 2019 12:03

Tgt Ion: 75 Resp: 35234
Ion Ratio Lower Upper
75 100
77 38.7 25.9 38.9

