

Data File : VU031557.D
Acq On : 27 Apr 2019 01:49
Operator : JC/SP
Sample : K2592-10 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X03

Quant Time: Apr 27 03:31:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	850496	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	793774	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	311618	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	376258	52.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.72%
7) Chloroethane-d5	1.68	69	285799	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.92%
11) 1,1-Dichloroethene-d2	2.27	63	540521	38.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.26%
21) 2-Butanone-d5	4.19	46	692952	107.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.45%
24) Chloroform-d	4.64	84	620375	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
26) 1,2-Dichloroethane-d4	5.31	65	415357	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
32) Benzene-d6	5.34	84	1265003	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.32	67	447245	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.30%
41) Toluene-d8	7.56	98	1080800	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%
43) trans-1,3-Dichloropropene-	7.85	79	172994	46.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.98%
47) 2-Hexanone-d5	8.31	63	433312	116.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	565852	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	350011	53.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.82%

Target Compounds

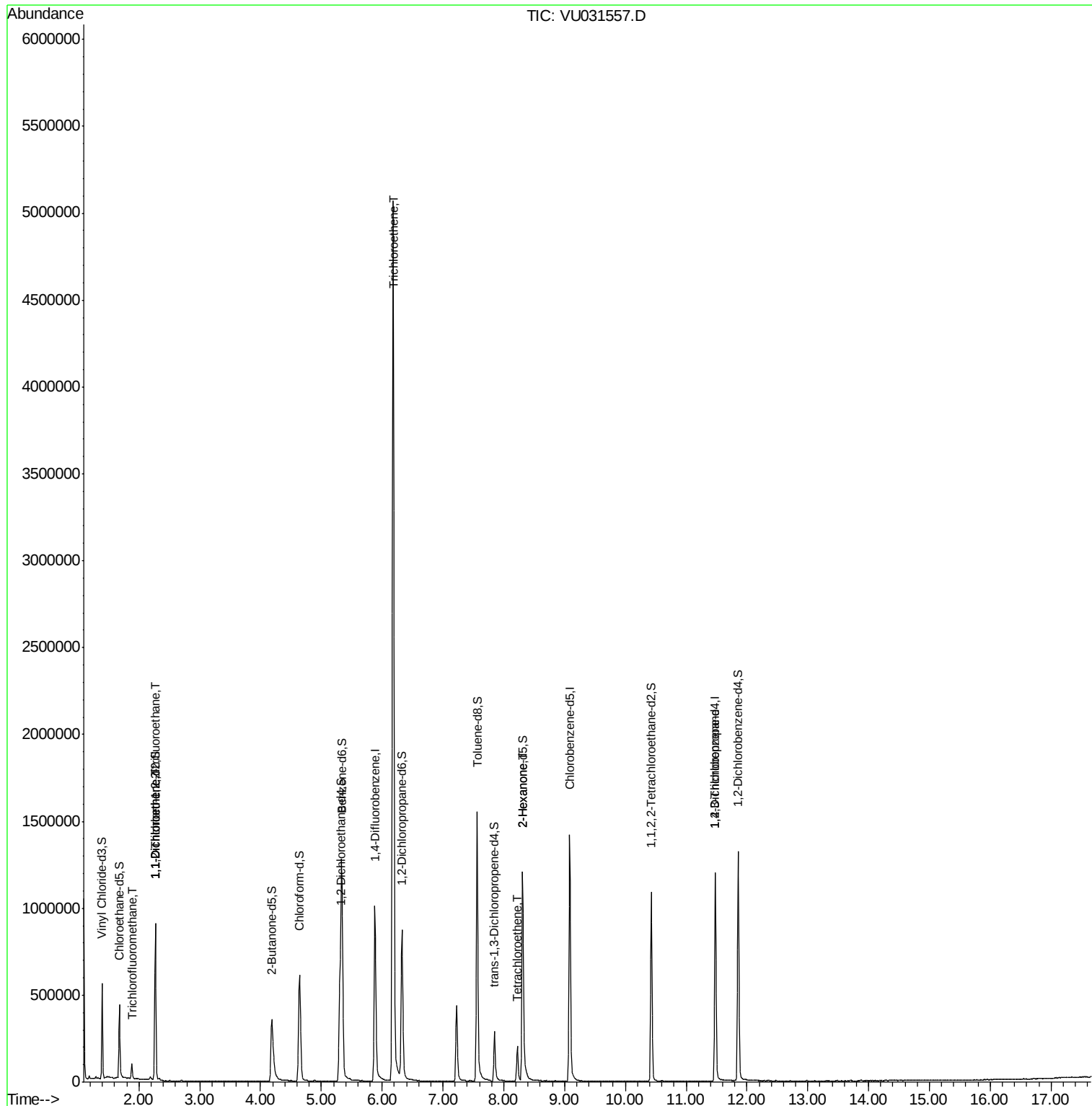
					Qvalue
9) Trichlorofluoromethane	1.88	101	45368	3.762 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4714	0.691 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3836	0.578 ug/L #	1
34) Trichloroethene	6.18	95	1873418	264.821 ug/L	98
46) Tetrachloroethene	8.23	164	45143	9.360 ug/L	99
48) 2-Hexanone	8.31	43	52645	5.106 ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	40711	4.144 ug/L	95

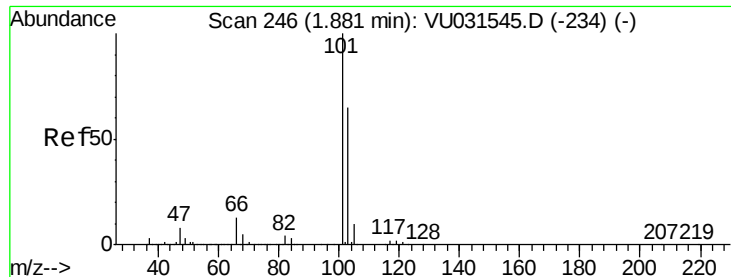
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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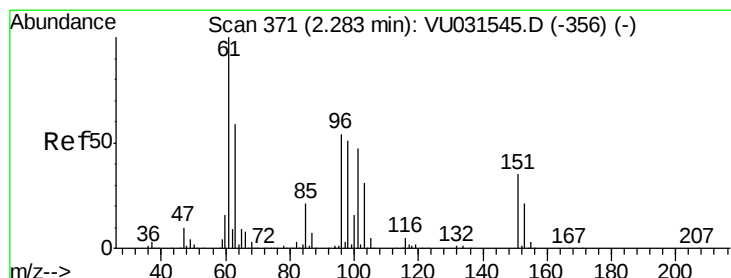
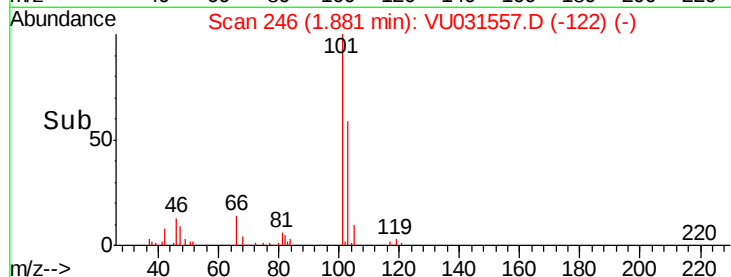
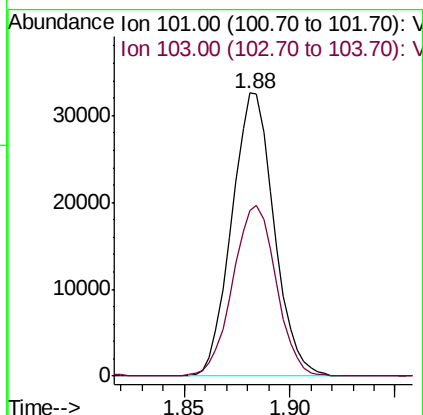
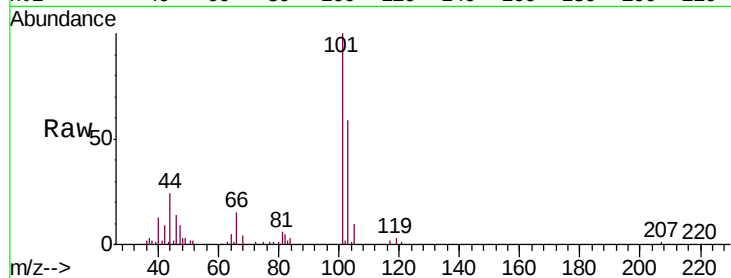


#9

Trichlorofluoromethane
Concen: 3.762 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031557.D
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MSVOA_U
ClientSampleId :
C0X03

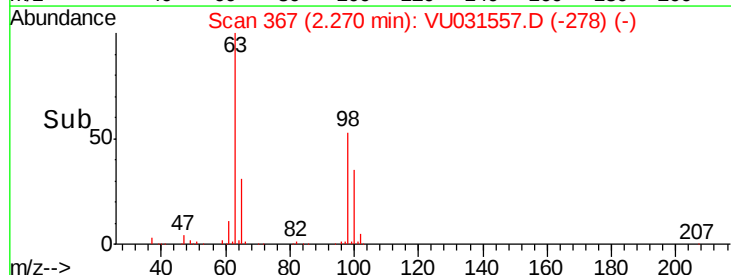
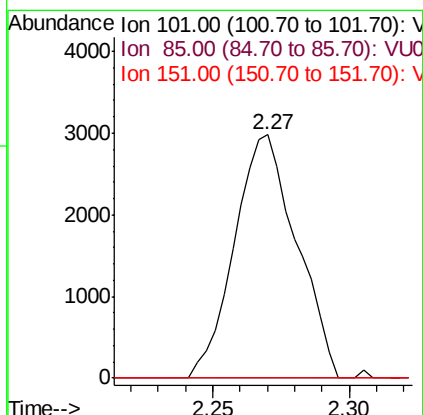
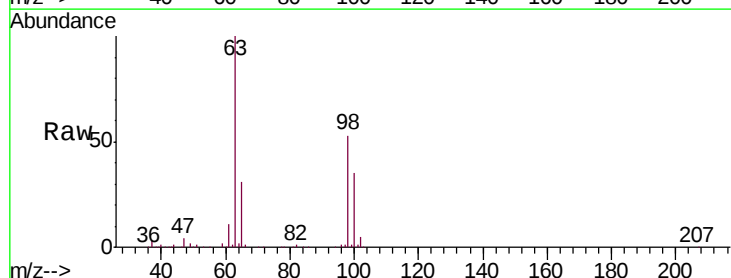
Tgt Ion:101 Resp: 45368
Ion Ratio Lower Upper
101 100
103 62.0 50.8 76.2

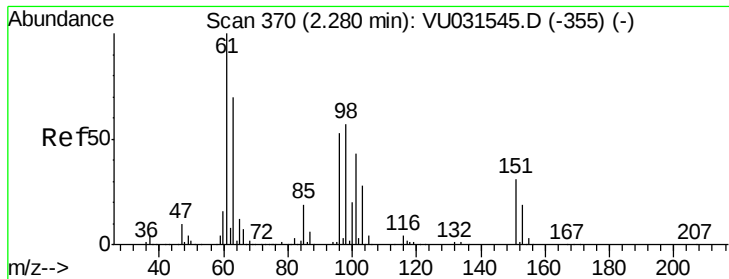


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.691 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031557.D
Acq: 27 Apr 2019 01:49

Tgt Ion:101 Resp: 4714
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.1 84.1#

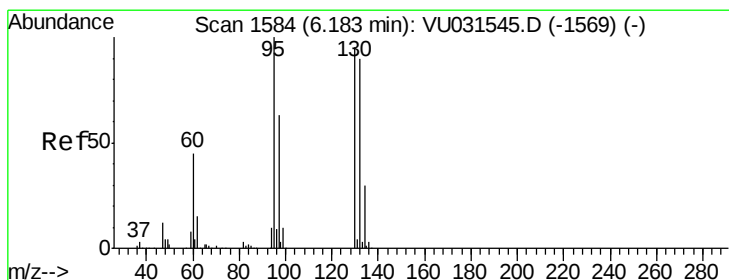
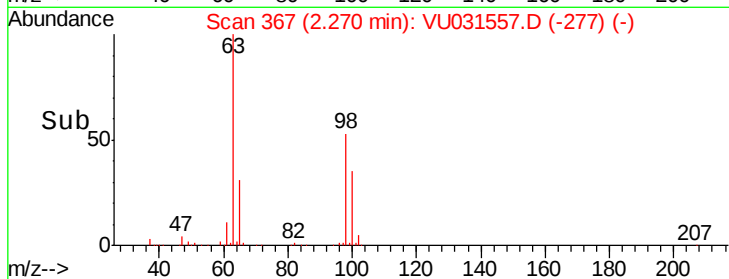
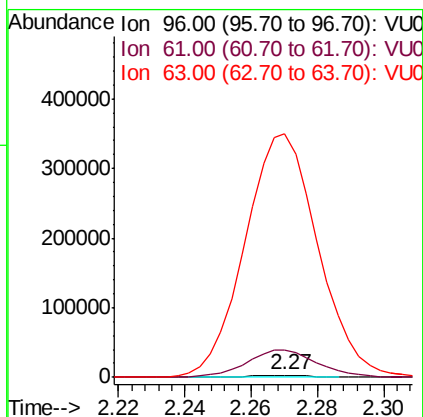
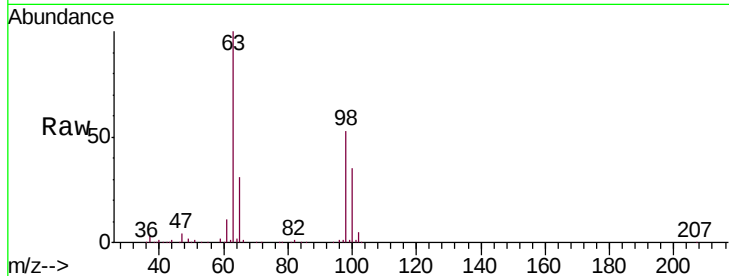




#12
 1,1-Dichloroethene
 Concen: 0.578 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031557.D
 Acq: 27 Apr 2019 01:49

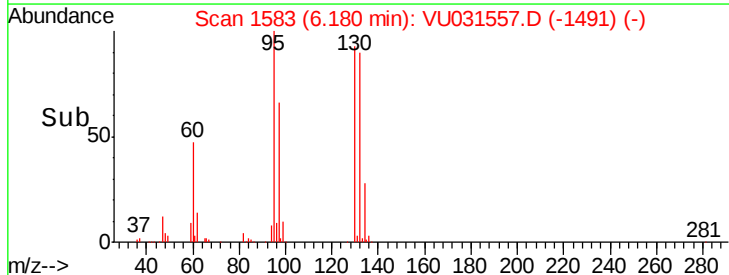
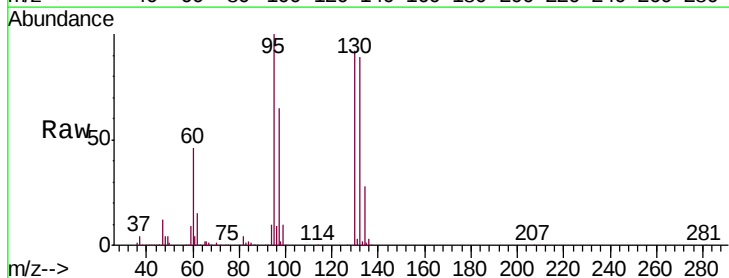
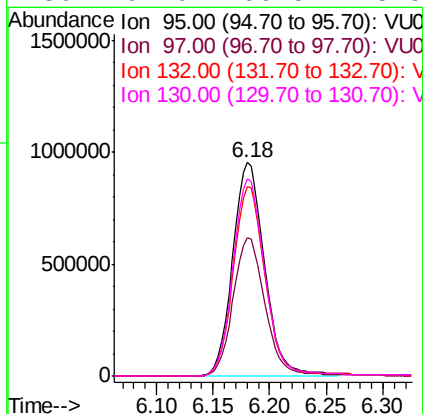
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X03

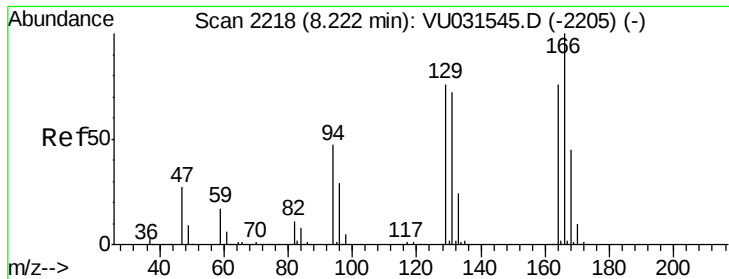
Tgt Ion: 96 Resp: 3836
 Ion Ratio Lower Upper
 96 100
 61 1426.4 135.0 250.6#
 63 12677.1 103.5 192.3#



#34
 Trichloroethene
 Concen: 264.821 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031557.D
 Acq: 27 Apr 2019 01:49

Tgt Ion: 95 Resp: 1873418
 Ion Ratio Lower Upper
 95 100
 97 65.0 44.8 83.2
 132 88.6 63.1 117.1
 130 92.0 66.5 123.5

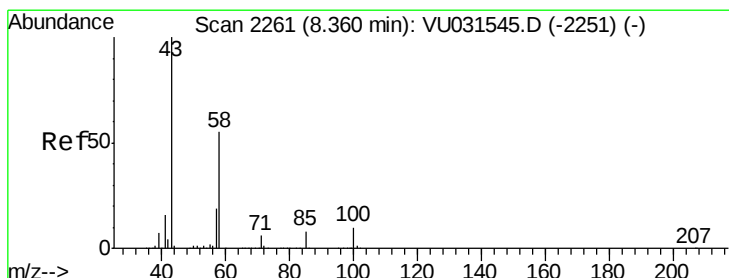
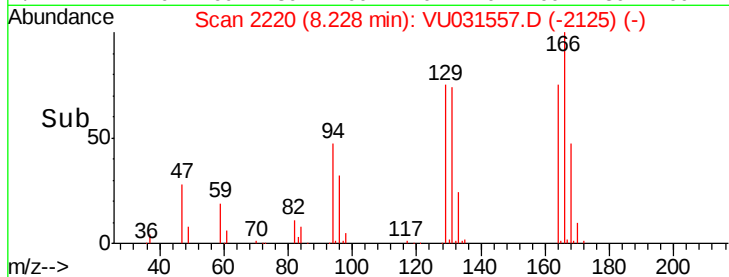
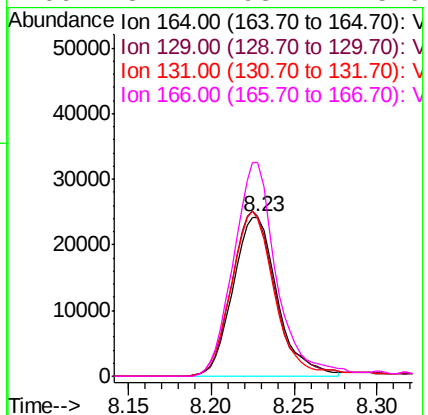
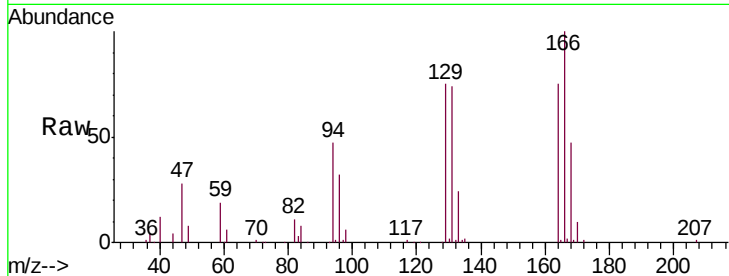




#46
Tetrachloroethene
Concen: 9.360 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031557.D
Acq: 27 Apr 2019 01:49

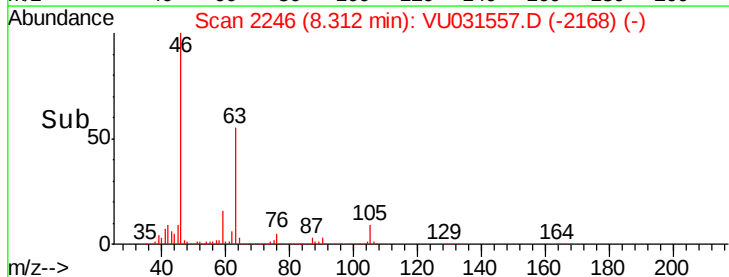
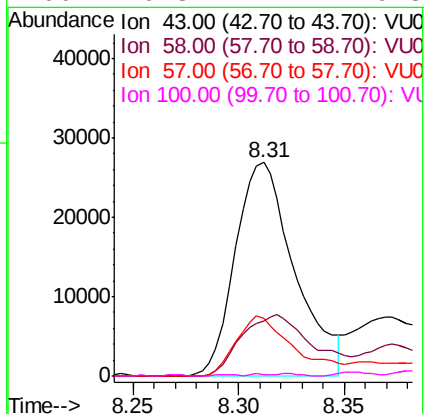
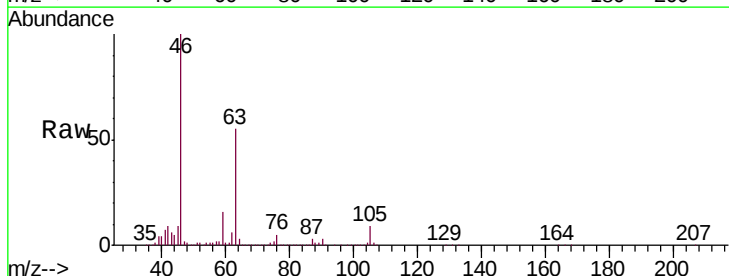
Instrument :
MSVOA_U
ClientSampleId :
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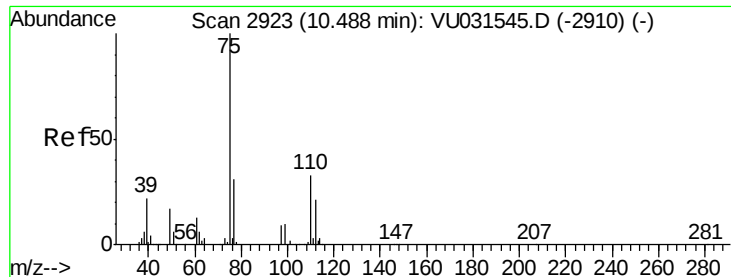
Tgt Ion:	164	Resp:	45143
Ion	Ratio	Lower	Upper
164	100		
129	100.3	71.5	132.9
131	98.6	69.0	128.2
166	134.1	93.7	173.9



#48
2-Hexanone
Concen: 5.106 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU031557.D
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Tgt Ion:	43	Resp:	52645
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.1	63.1#
57	24.9	14.6	22.0#
100	0.3	7.2	10.8#





#59

1,2,3-Trichloropropane

Concen: 4.144 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031557.D

Acq: 27 Apr 2019 01:49

Instrument :

MSVOA_U

ClientSampleId :

C0X03

Tgt Ion: 75 Resp: 40711

Ion Ratio Lower Upper

75 100

77 35.0 25.9 38.9

