

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031772.D
 Acq On : 06 May 2019 12:02
 Operator : JC/SP
 Sample : K2595-02 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:49:12 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	725740	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	709749	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	258305	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	301561	49.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.30%
7) Chloroethane-d5	1.68	69	245691	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.68%
11) 1,1-Dichloroethene-d2	2.27	63	459753	38.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.02%
21) 2-Butanone-d5	4.19	46	692236	125.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.79%
24) Chloroform-d	4.64	84	564172	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.44%
26) 1,2-Dichloroethane-d4	5.31	65	402148	55.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.66%
32) Benzene-d6	5.34	84	1099409	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
36) 1,2-Dichloropropane-d6	6.32	67	405228	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.70%
41) Toluene-d8	7.56	98	872508	45.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.92%
43) trans-1,3-Dichloropropene-	7.85	79	159430	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.88%
47) 2-Hexanone-d5	8.31	63	378219	113.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	533553	51.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	281154	51.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.52%

Target Compounds

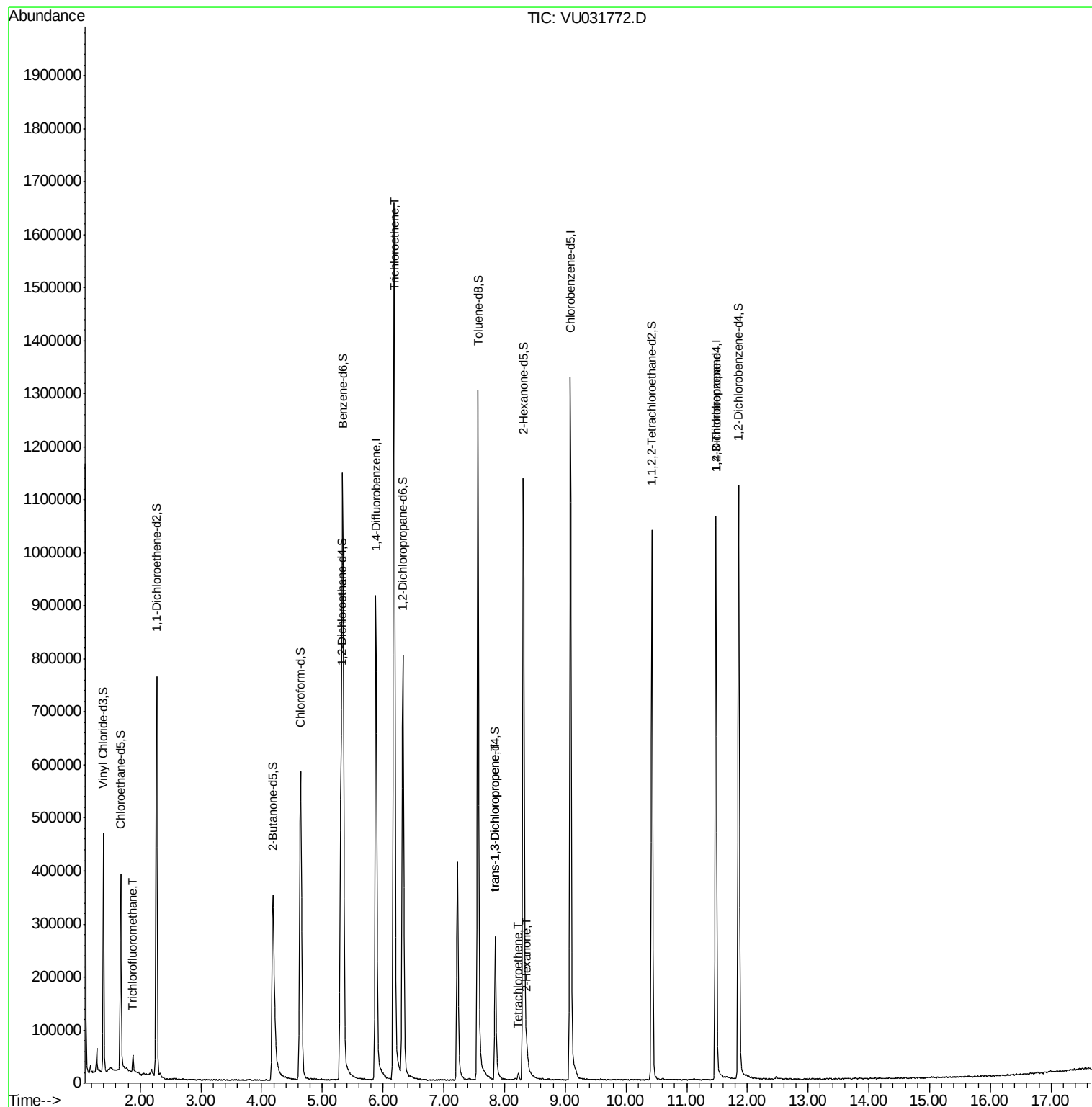
					Ovalue
9) Trichlorofluoromethane	1.88	101	12779	1.242 ug/L	92
34) Trichloroethene	6.18	95	621997	98.333 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	6402	0.721 ug/L #	82
46) Tetrachloroethene	8.23	164	2679	0.621 ug/L #	79
48) 2-Hexanone	8.37	43	27136	2.944 ug/L #	40
59) 1,2,3-Trichloropropane	11.48	75	38031	4.330 ug/L	96

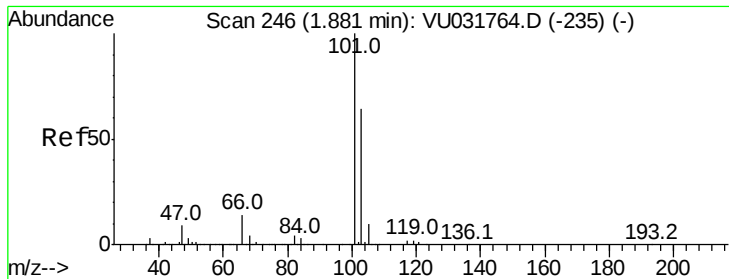
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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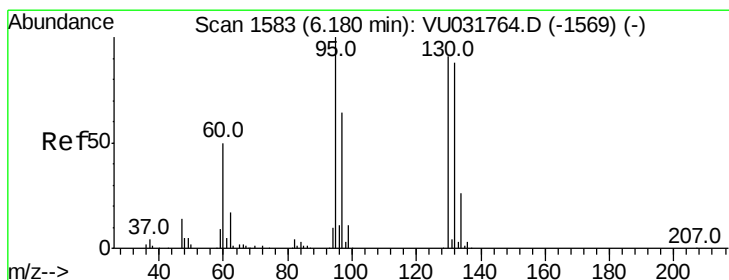
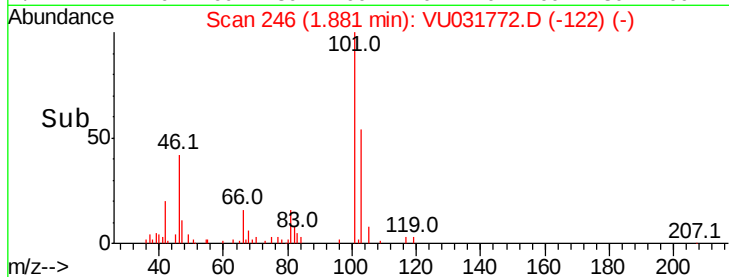
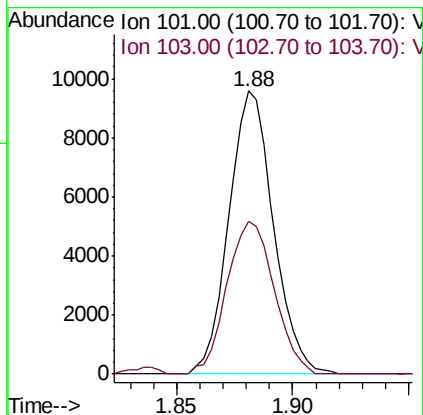
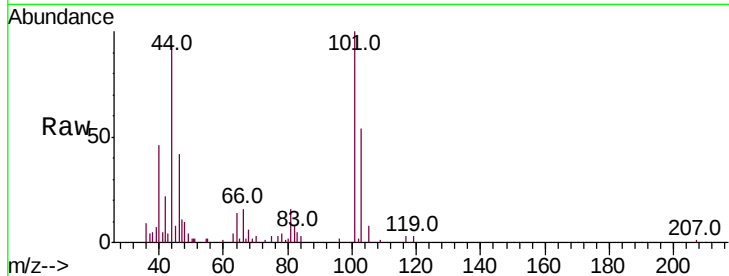


#9

Trichlorofluoromethane
 Concen: 1.242 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031772.D
 Acq: 06 May 2019 12:02

Instrument :
 MSVOA_U
 ClientSampled :

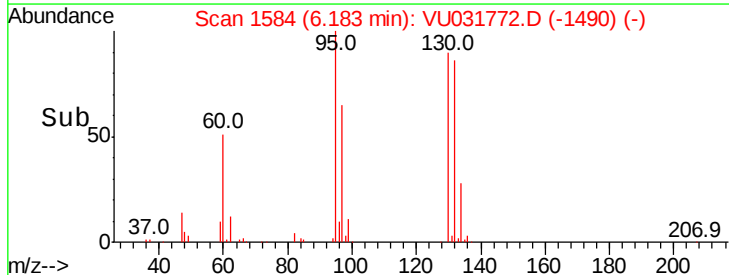
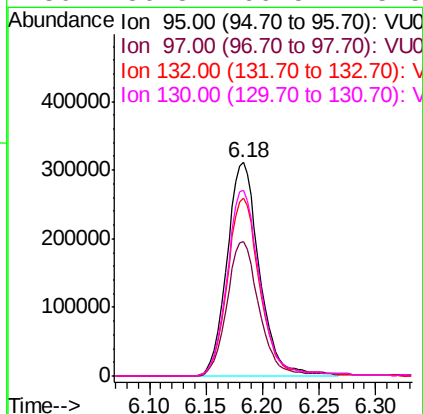
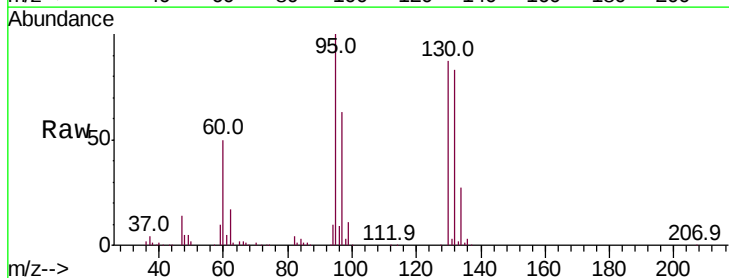
Tot Ion:101 Resp: 12779
 Ion Ratio Lower Upper
 101 100
 103 57.4 50.8 76.2

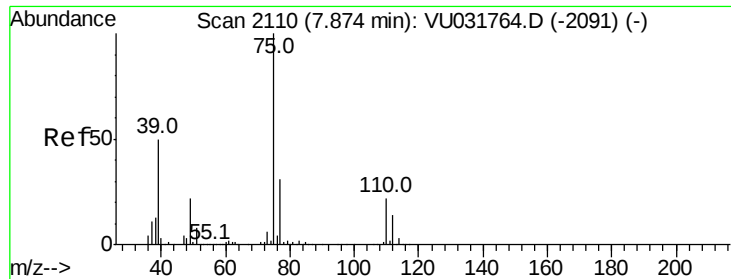


#34

Trichloroethene
 Concen: 98.333 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031772.D
 Acq: 06 May 2019 12:02

Tgt Ion: 95 Resp: 621997
 Ion Ratio Lower Upper
 95 100
 97 63.0 44.8 83.2
 132 83.1 63.1 117.1
 130 86.8 66.5 123.5

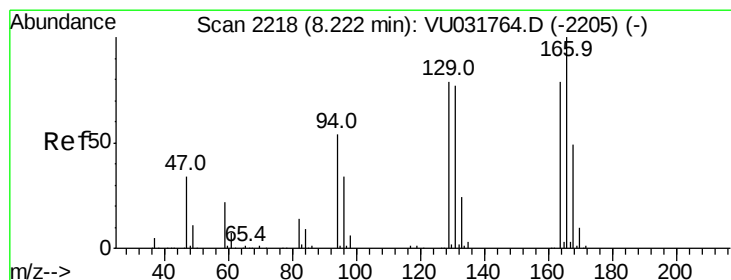
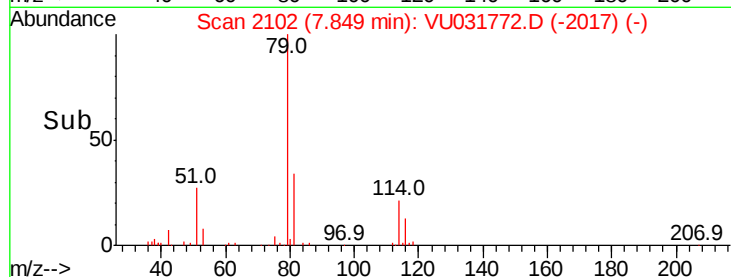
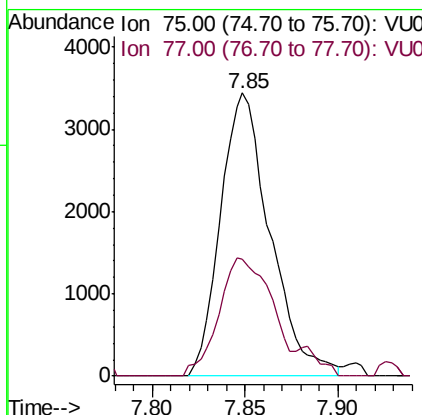
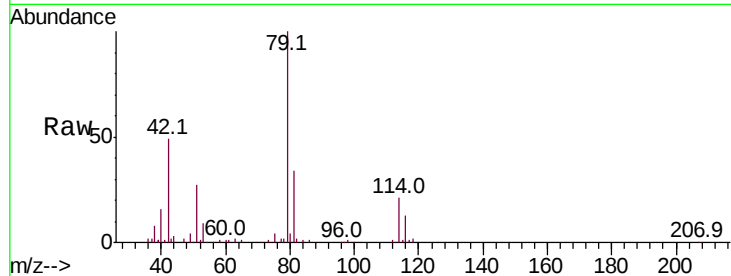




#44
trans-1,3-Dichloropropene
Concen: 0.721 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031772.D
Acq: 06 May 2019 12:02

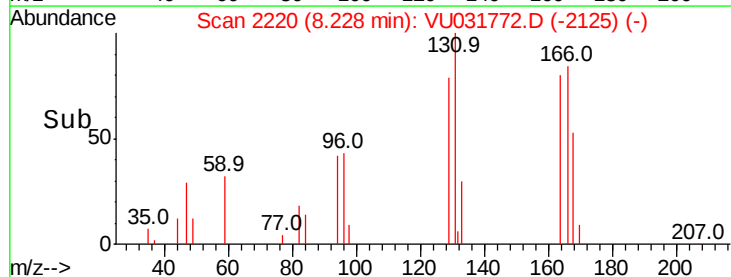
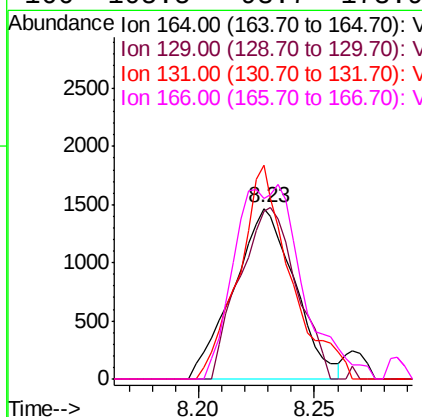
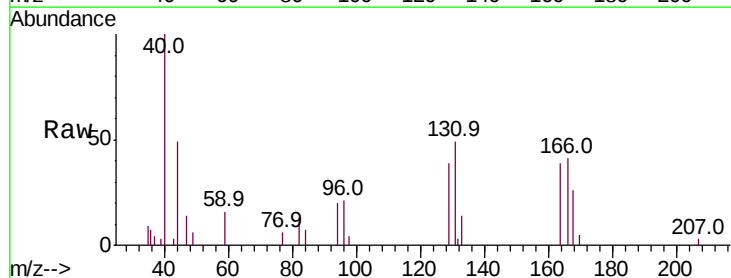
Instrument :
MSVOA_U
ClientSampleId :

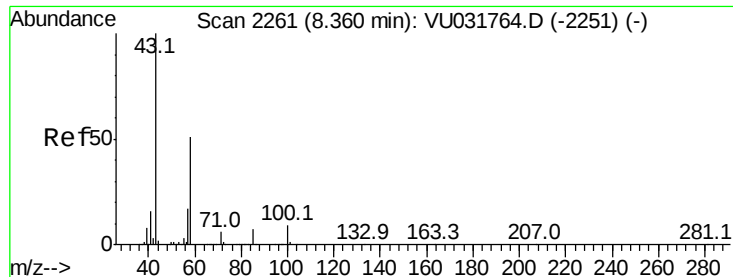
Tot Ion: 75 Resp: 6402
Ion Ratio Lower Upper
75 100
77 41.3 22.1 41.1#



#46
Tetrachloroethene
Concen: 0.621 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031772.D
Acq: 06 May 2019 12:02

Tgt Ion: 164 Resp: 2679
Ion Ratio Lower Upper
164 100
129 98.7 71.5 132.9
131 132.9 69.0 128.2#
166 105.5 93.7 173.9

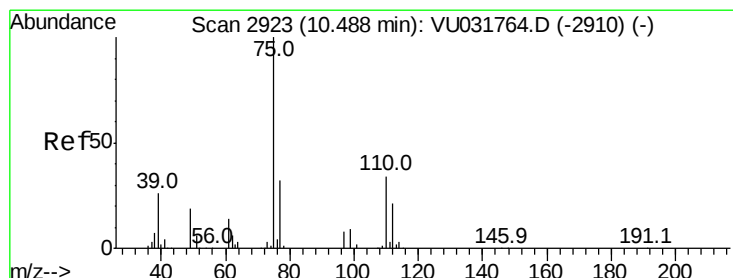
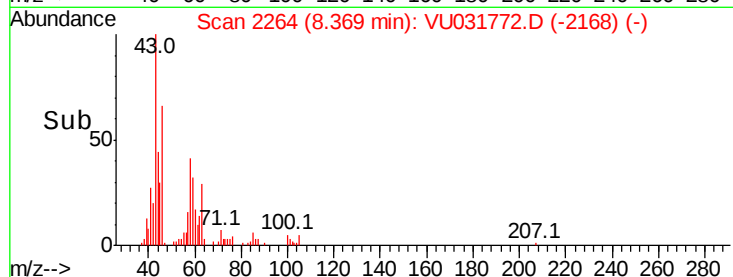
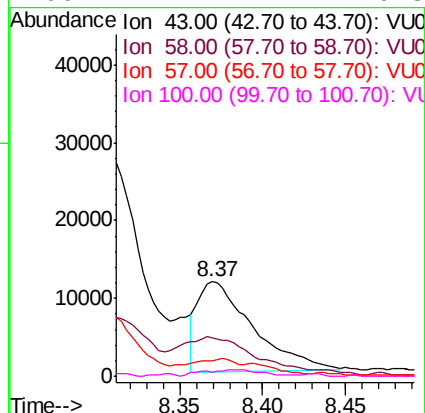
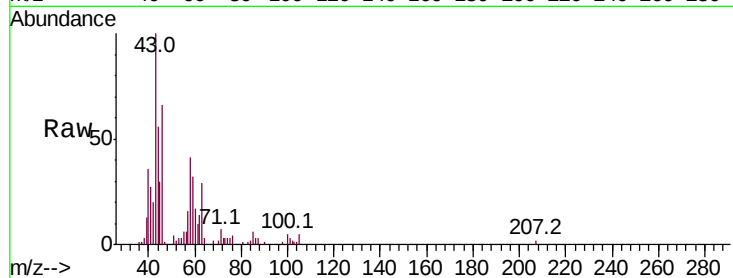




#48
2-Hexanone
Concen: 2.944 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031772.D
Acq: 06 May 2019 12:02

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	27136
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.1	63.1#
57	1.2	14.6	22.0#
100	2.2	7.2	10.8#



#59
1,2,3-Trichloropropane
Concen: 4.330 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031772.D
Acq: 06 May 2019 12:02

Tgt Ion:	75	Resp:	38031
Ion	Ratio	Lower	Upper
75	100		
77	34.6	25.9	38.9

