

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU031005.D
 Acq On : 10 Apr 2019 11:52
 Operator : JC/SP
 Sample : VU0410WBL05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK08

Quant Time: Apr 11 02:11:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 02:07:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	227456	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	231938	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91998	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70738	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.68	69	67616	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.27	63	117580	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.19	46	238623	53.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.56%
24) Chloroform-d	4.64	84	128460	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.31	65	82162	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.33	84	264261	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.33	67	93057	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.56	98	205467	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	7.85	79	30696	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.31	63	146038	44.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	78389	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	78413	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

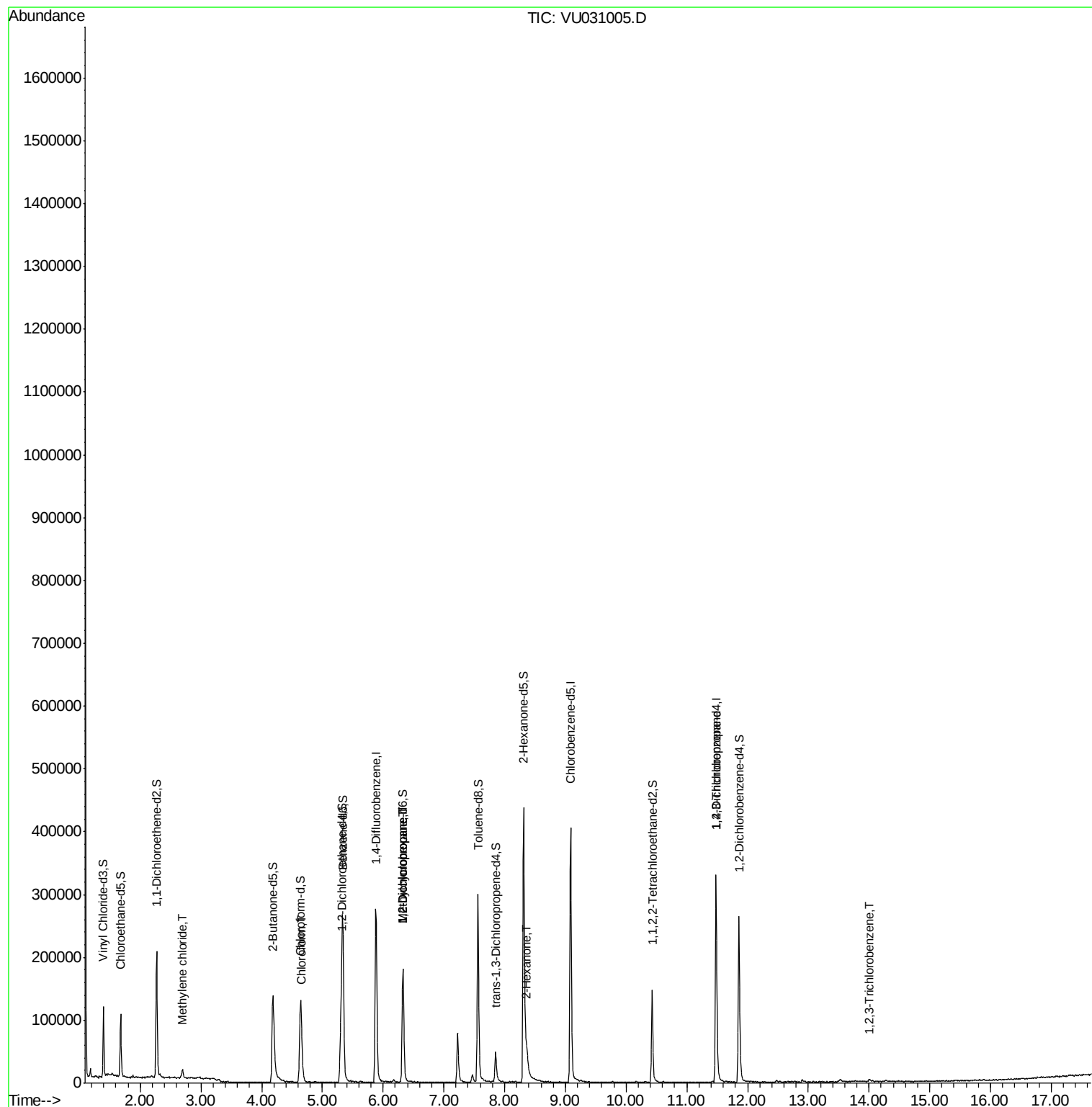
					Ovalue
16) Methylene chloride	2.69	84	4996	0.258 ug/L	91
25) Chloroform	4.67	83	18433	0.546 ug/L	99
35) Methylcyclohexane	6.32	83	20668	0.659 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	9937	0.460 ug/L #	90
48) 2-Hexanone	8.37	43	26672	2.858 ug/L #	93
59) 1,2,3-Trichloropropane	11.48	75	12229	1.014 ug/L	90
70) 1,2,3-Trichlorobenzene	14.00	180	2190	0.140 ug/L #	79

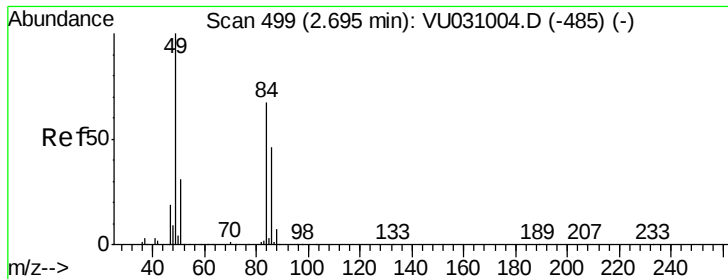
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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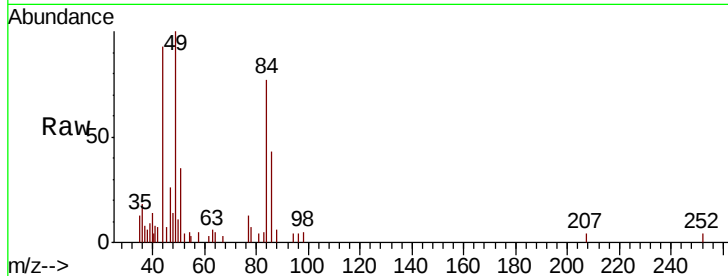




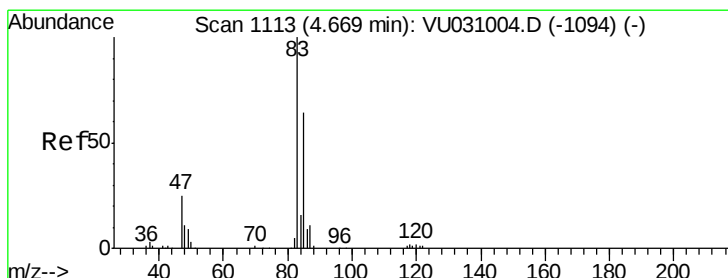
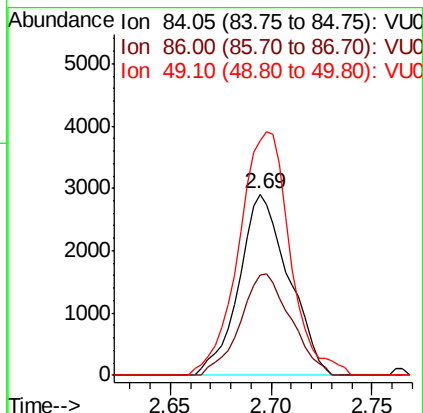
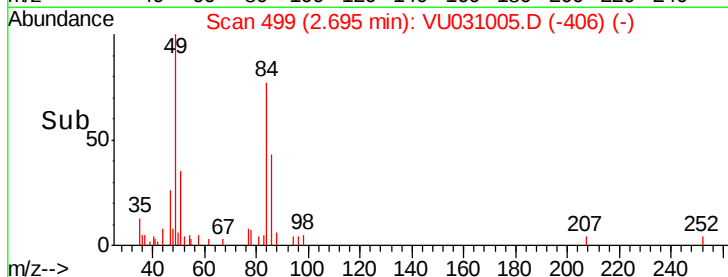
#16
Methvlene chloride
Concen: 0.258 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU031005.D
Acq: 10 Apr 2019 11:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK08

Tot Ion: 84 Resp: 4996
Ion Ratio Lower Upper
84 100
86 55.3 43.4 80.6
49 129.9 98.5 182.9

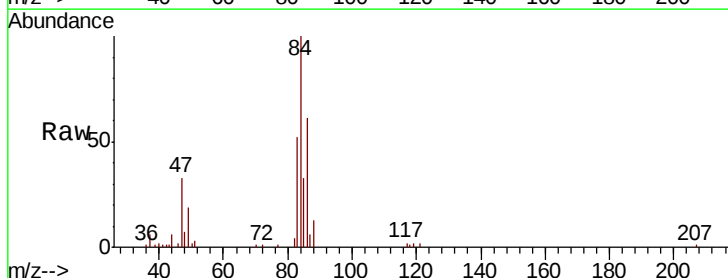


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

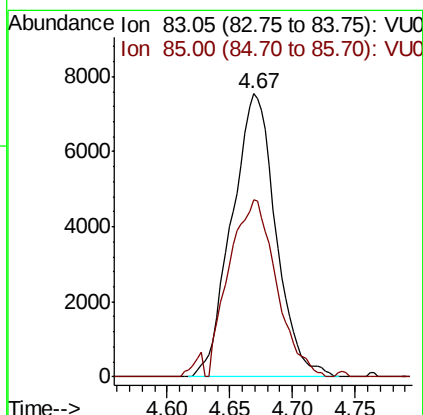
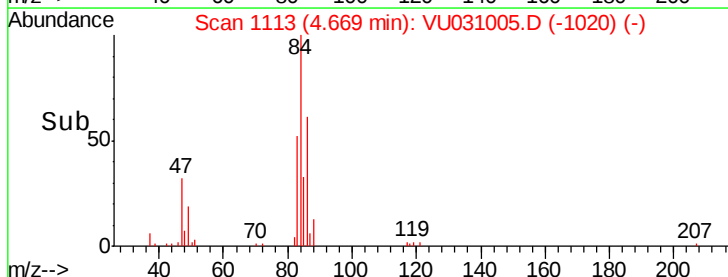


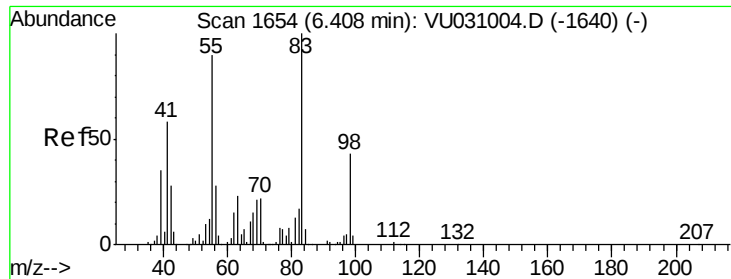
#25
Chloroform
Concen: 0.546 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031005.D
Acq: 10 Apr 2019 11:52

Tgt Ion: 83 Resp: 18433
Ion Ratio Lower Upper
83 100
85 62.6 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

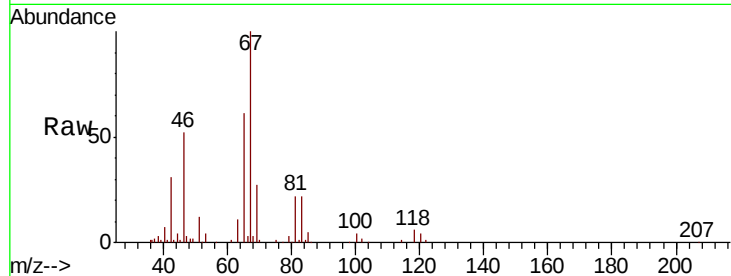




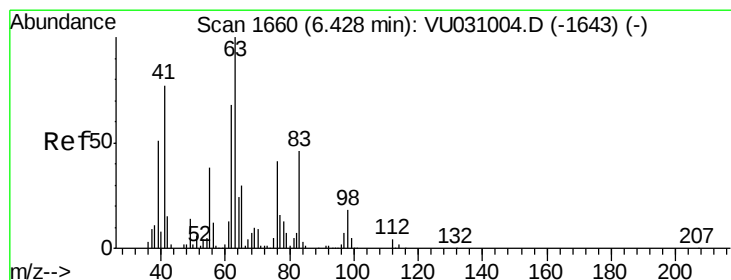
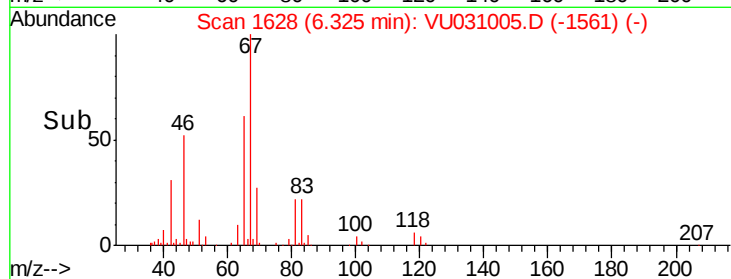
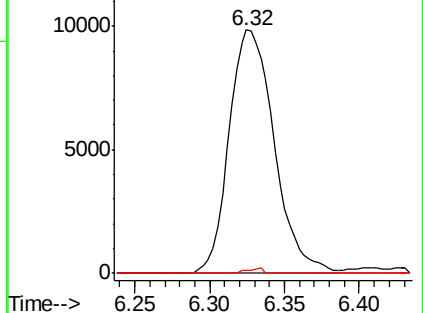
#35
Methvlcvclohexane
Concen: 0.659 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU031005.D
Acq: 10 Apr 2019 11:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK08

Tot Ion: 83 Resp: 20668
Ion Ratio Lower Upper
83 100
55 0.0 72.6 108.8#
98 0.7 35.0 52.6#

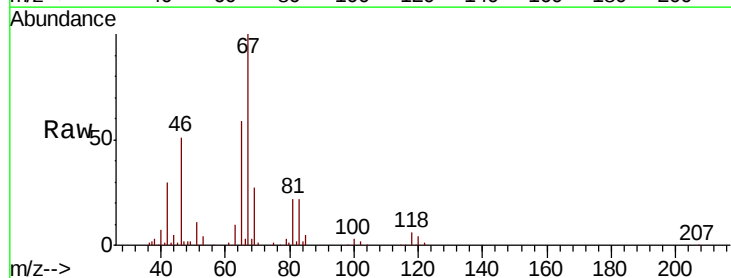


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

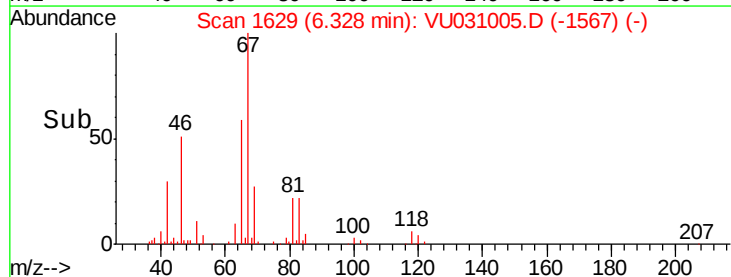
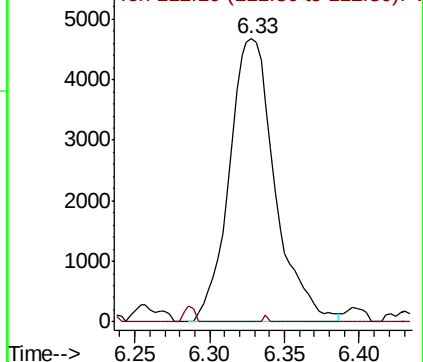


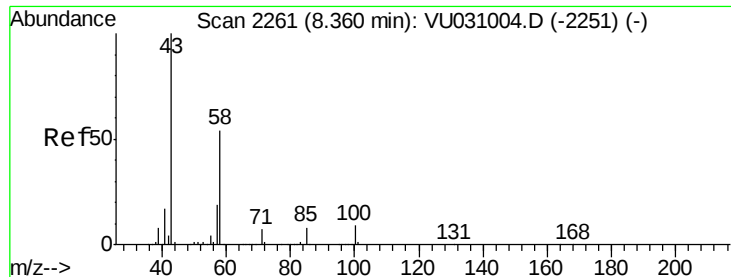
#37
1,2-Dichloropropane
Concen: 0.460 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031005.D
Acq: 10 Apr 2019 11:52

Tgt Ion: 63 Resp: 9937
Ion Ratio Lower Upper
63 100
112 0.2 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

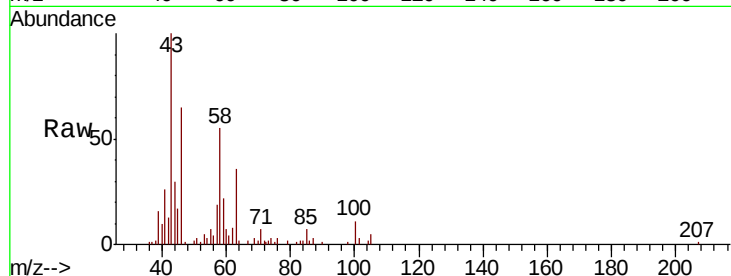




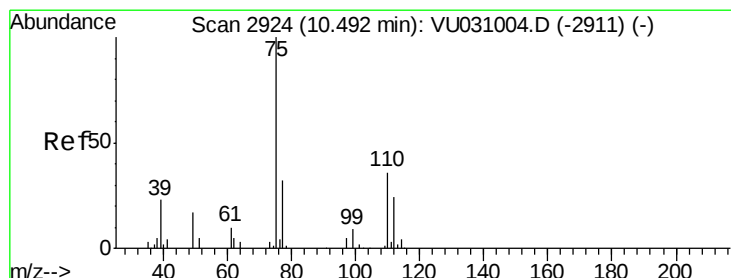
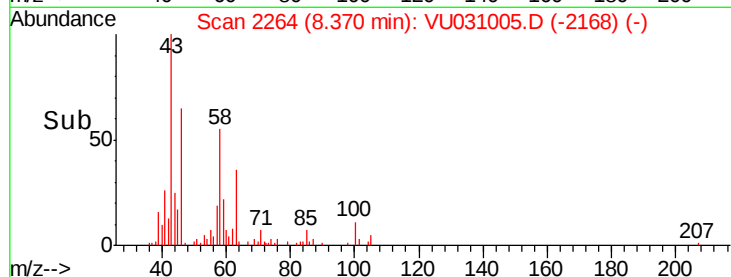
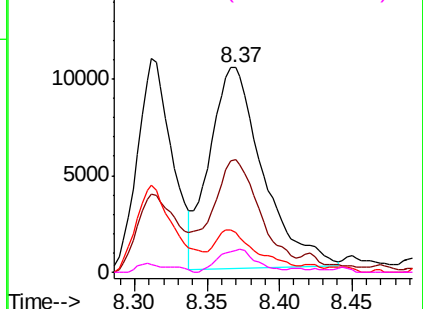
#48
 2-Hexanone
 Concen: 2.858 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU031005.D
 Acq: 10 Apr 2019 11:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK08

Tot Ion: 43 Resp: 26672
 Ion Ratio Lower Upper
 43 100
 58 48.0 42.5 63.7
 57 13.3 13.9 20.9#
 100 8.0 7.1 10.7

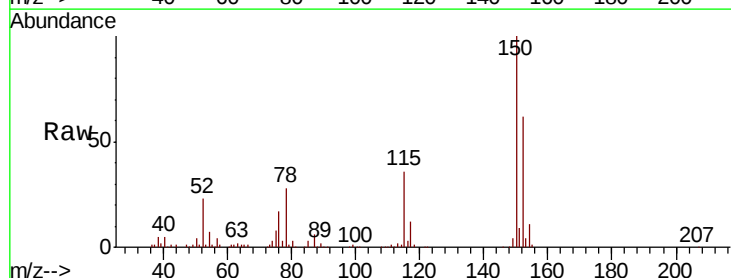


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0

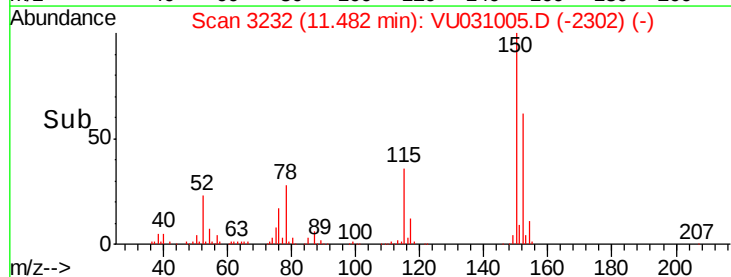
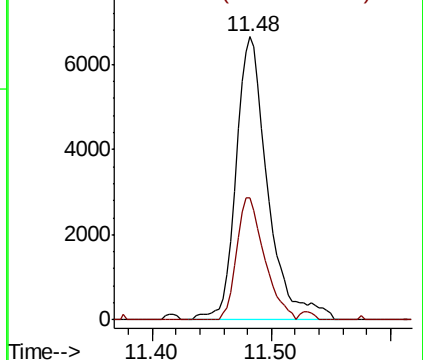


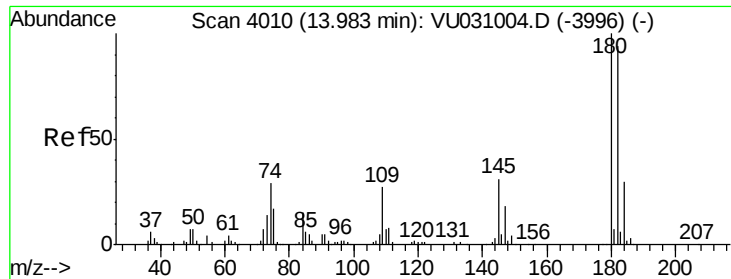
#59
 1,2,3-Trichloropropane
 Concen: 1.014 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031005.D
 Acq: 10 Apr 2019 11:52

Tgt Ion: 75 Resp: 12229
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#70
 1,2,3-Trichlorobenzene
 Concen: 0.140 ug/L
 RT: 14.00 min Scan# 4015
 Delta R.T. 0.02 min
 Lab File: VU031005.D
 Acq: 10 Apr 2019 11:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK08

Tot Ion	Ratio	Lower	Upper
180	100		
182	74.3	76.8	115.2#
145	23.1	26.7	40.1#

