

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030976.D
 Acq On : 09 Apr 2019 23:56
 Operator : JC/SP
 Sample : VU0411WBL04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK07

Quant Time: Apr 10 04:35:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 04:30:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	217436	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	226812	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86354	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74183	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.68	69	68804	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.27	63	112634	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.18	46	243914	56.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.94%
24) Chloroform-d	4.64	84	124551	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.31	65	80811	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.33	84	260757	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.33	67	92011	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.56	98	201096	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	7.85	79	28811	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.31	63	152804	47.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	75454	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	70547	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

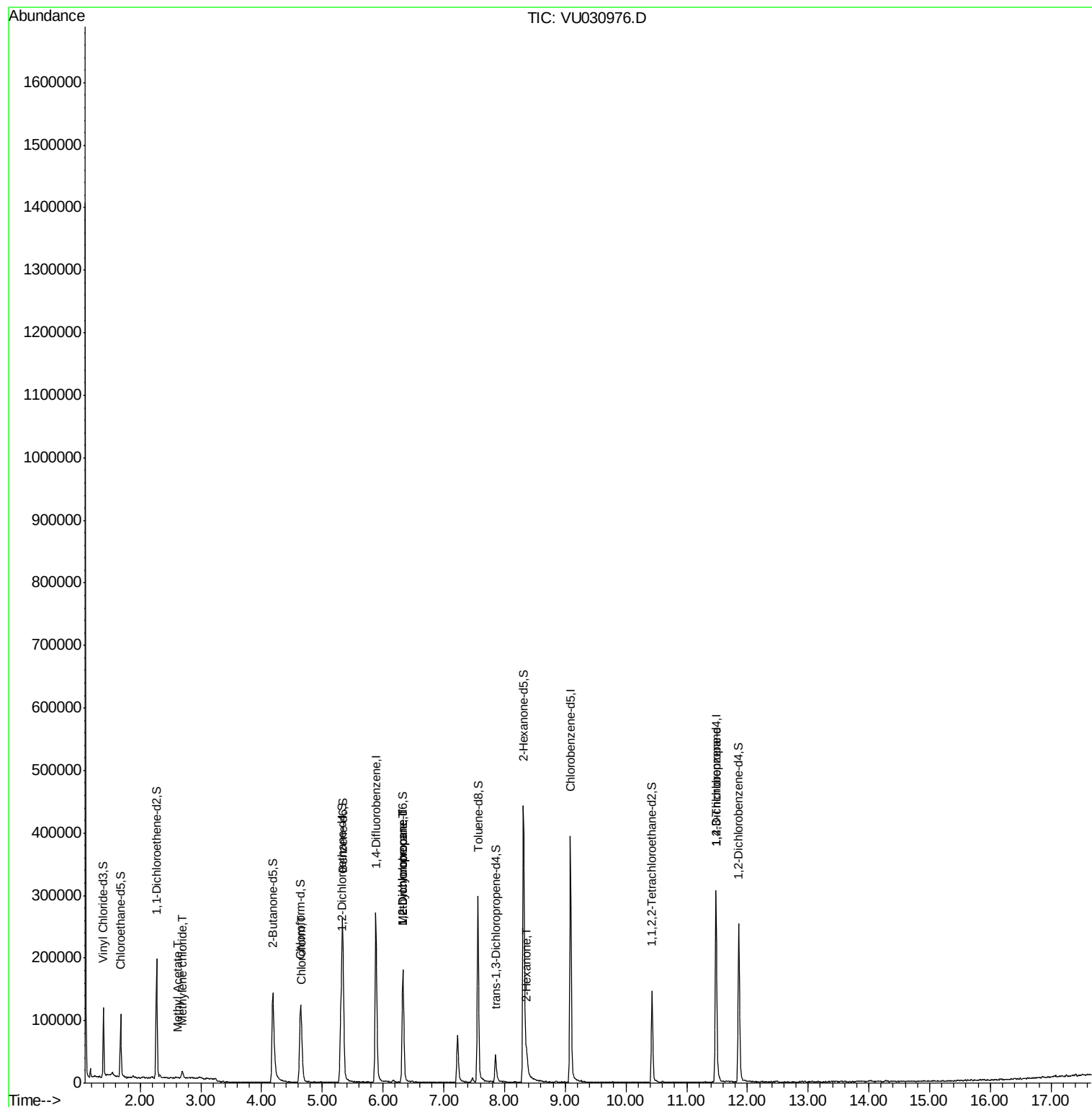
					Ovalue
15) Methyl Acetate	2.61	43	1440	0.168 ug/L #	61
16) Methylene chloride	2.69	84	5418	0.293 ug/L	84
25) Chloroform	4.67	83	23158	0.717 ug/L	98
35) Methylcyclohexane	6.33	83	20706	0.676 ug/L #	13
37) 1,2-Dichloropropane	6.33	63	9740	0.461 ug/L #	91
48) 2-Hexanone	8.37	43	17374	1.904 ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	11031	0.935 ug/L	96

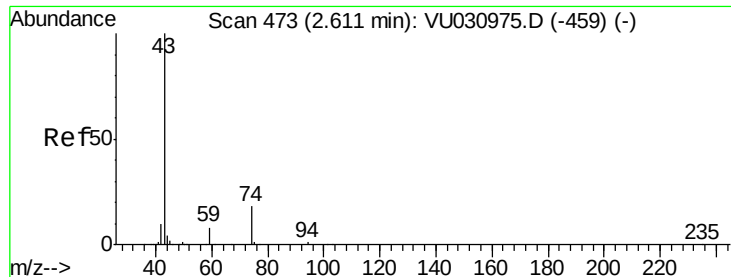
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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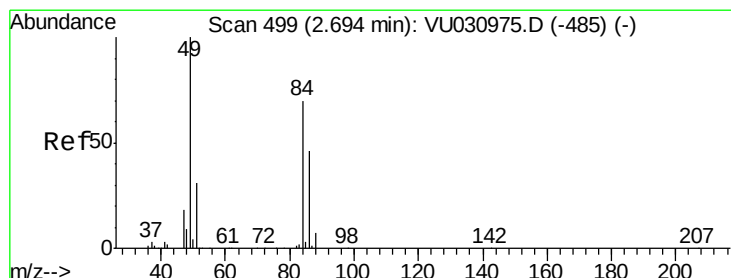
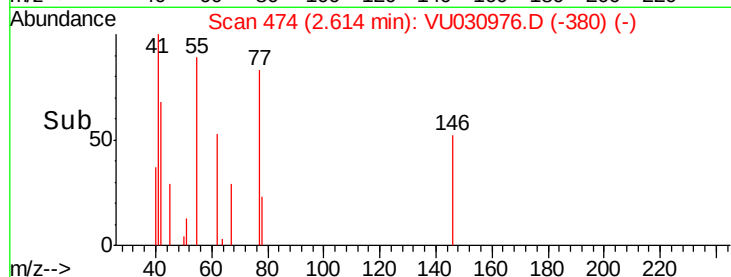
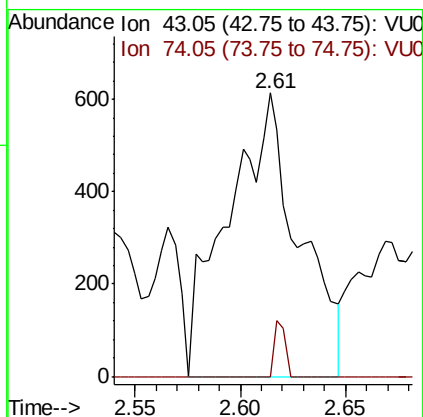
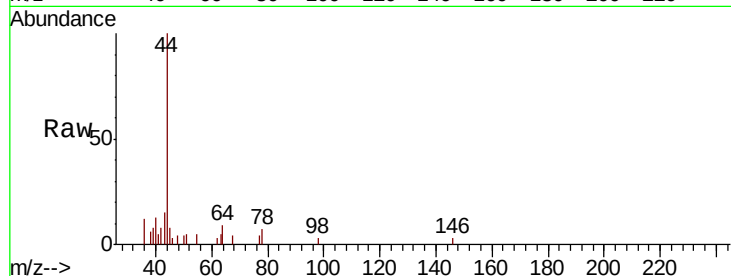




#15
Methyl Acetate
Concen: 0.168 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU030976.D
Acq: 09 Apr 2019 23:56

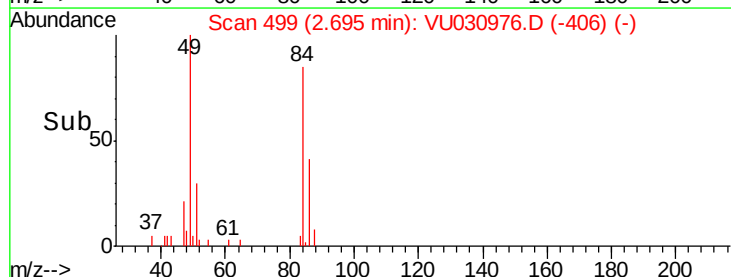
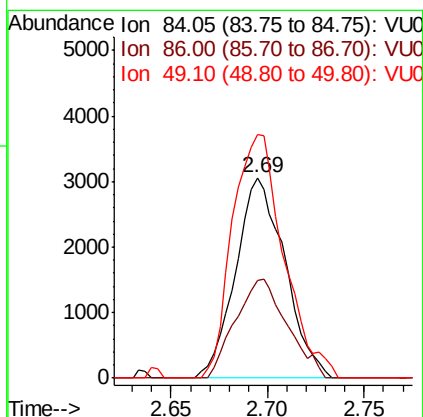
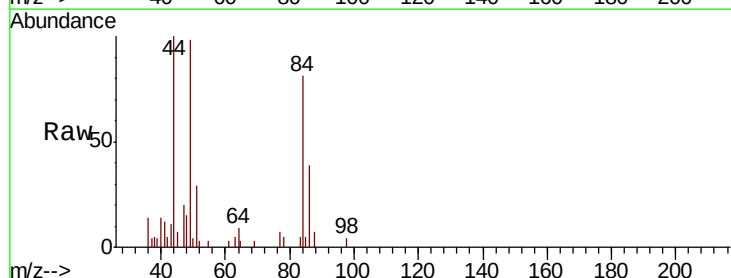
Instrument :
MSVOA_U
ClientSampled :
VBLK07

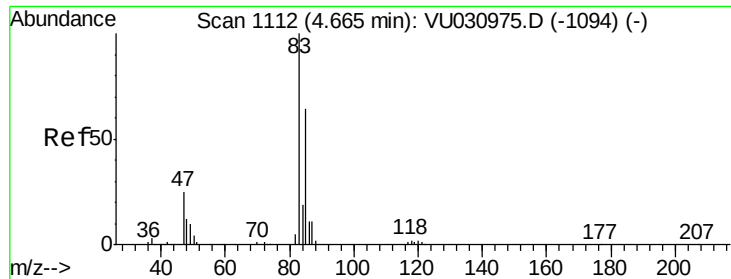
Tot Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
74 3.0 17.1 25.7#



#16
Methylene chloride
Concen: 0.293 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU030976.D
Acq: 09 Apr 2019 23:56

Tgt Ion: 84 Resp: 5418
Ion Ratio Lower Upper
84 100
86 48.9 43.4 80.6
49 121.6 98.5 182.9





#25

Chloroform

Concen: 0.717 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030976.D

Acq: 09 Apr 2019 23:56

Instrument :

MSVOA_U

ClientSampled :

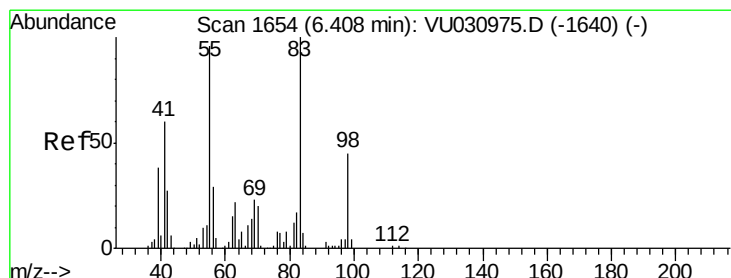
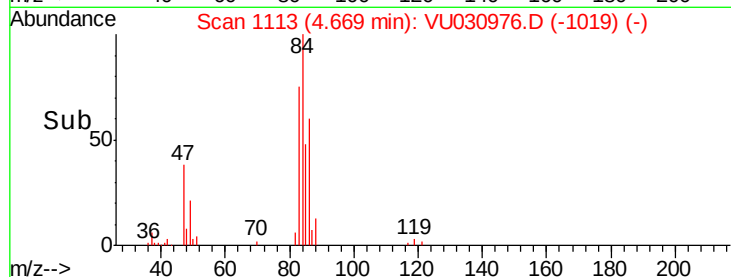
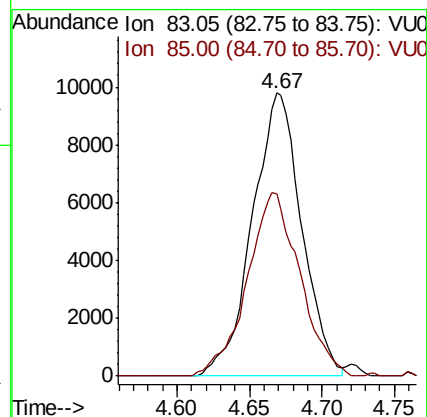
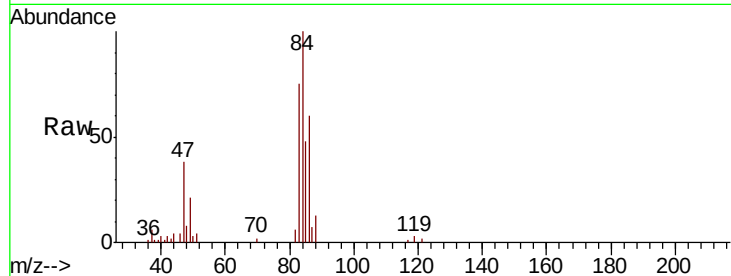
VBLK07

Tot Ion: 83 Resp: 23158

Ion Ratio Lower Upper

83 100

85 64.4 44.2 82.2



#35

Methylcyclohexane

Concen: 0.676 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU030976.D

Acq: 09 Apr 2019 23:56

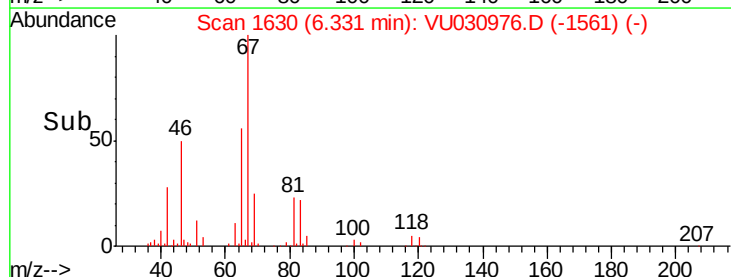
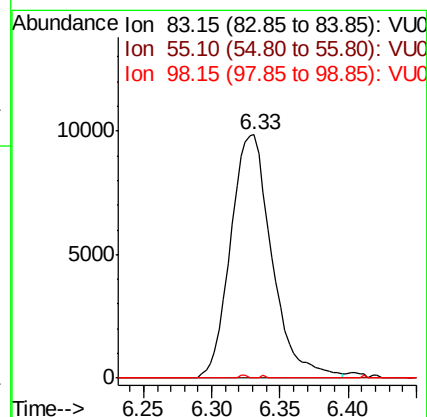
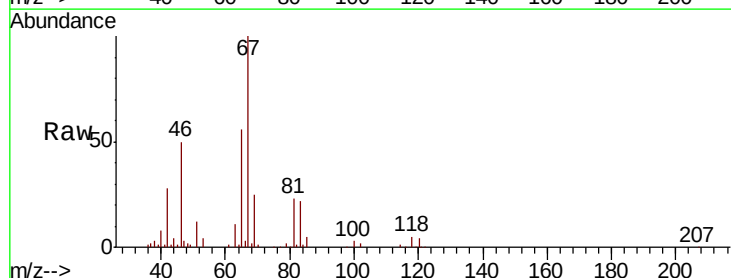
Tgt Ion: 83 Resp: 20706

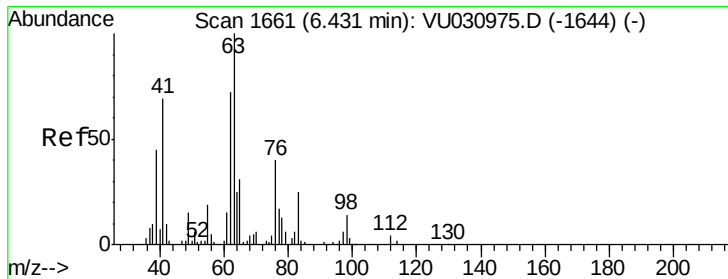
Ion Ratio Lower Upper

83 100

55 0.0 72.6 108.8#

98 0.1 35.0 52.6#

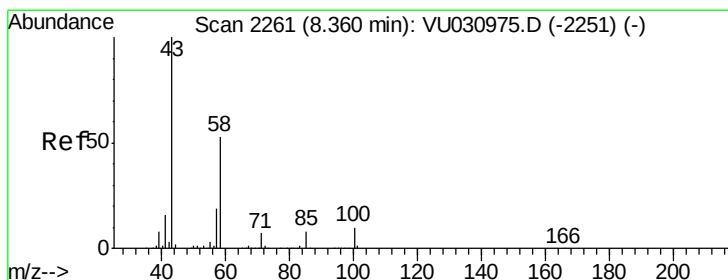
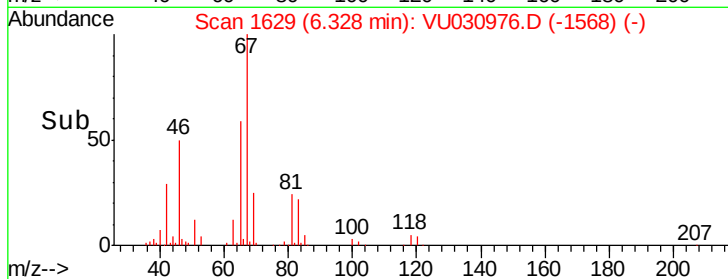
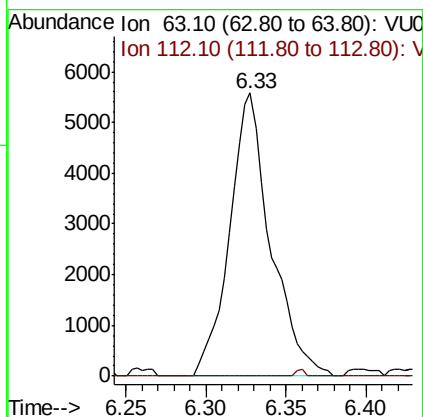
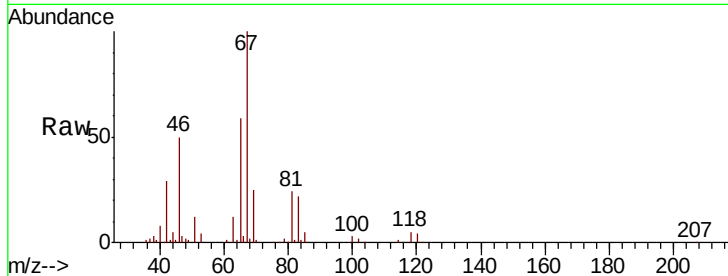




#37
 1,2-Dichloropropane
 Concen: 0.461 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU030976.D
 Acq: 09 Apr 2019 23:56

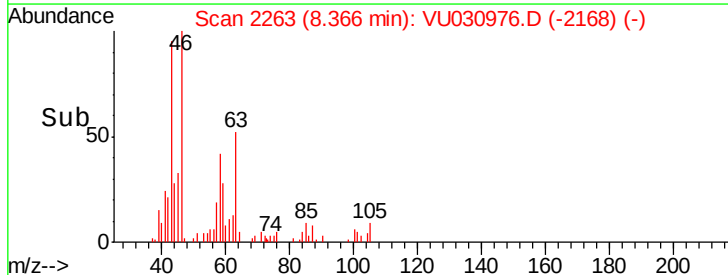
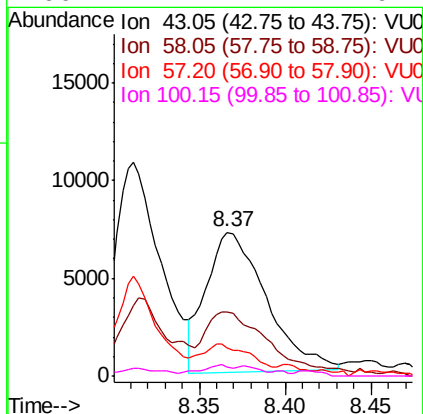
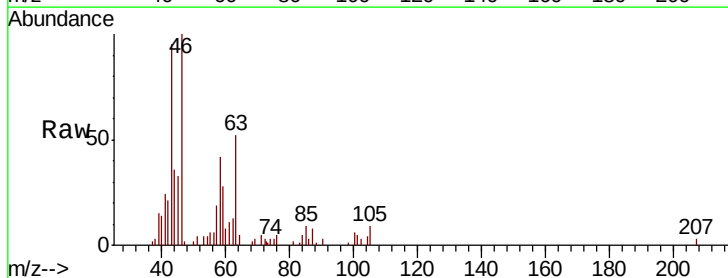
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK07

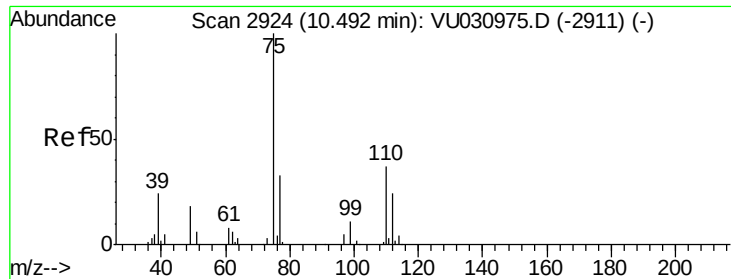
Tot Ion: 63 Resp: 9740
 Ion Ratio Lower Upper
 63 100
 112 0.5 2.8 4.2#



#48
 2-Hexanone
 Concen: 1.904 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU030976.D
 Acq: 09 Apr 2019 23:56

Tgt Ion: 43 Resp: 17374
 Ion Ratio Lower Upper
 43 100
 58 49.7 42.5 63.7
 57 16.0 13.9 20.9
 100 4.1 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 0.935 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030976.D

Acq: 09 Apr 2019 23:56

Instrument :

MSVOA_U

ClientSampleId :

VBLK07

Tot Ion: 75 Resp: 11031

Ion Ratio Lower Upper

75 100

77 34.1 25.6 38.4

