

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030694.D
 Acq On : 04 Apr 2019 19:47
 Operator : JC/SP
 Sample : VU0405MBL01
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK41

Quant Time: Apr 05 02:21:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	472254	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459758	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	196969	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	202028	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.84%
7) Chloroethane-d5	1.68	69	158370	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.27	63	282198	37.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.02%
21) 2-Butanone-d5	4.17	46	340491	101.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.91%
24) Chloroform-d	4.64	84	294525	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	5.31	65	219173	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
32) Benzene-d6	5.33	84	650742	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
36) 1,2-Dichloropropane-d6	6.33	67	226645	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.54%
41) Toluene-d8	7.56	98	564579	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%
43) trans-1,3-Dichloropropene-	7.85	79	99202	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.60%
47) 2-Hexanone-d5	8.31	63	213991	101.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.79%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300357	48.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	195131	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%

Target Compounds

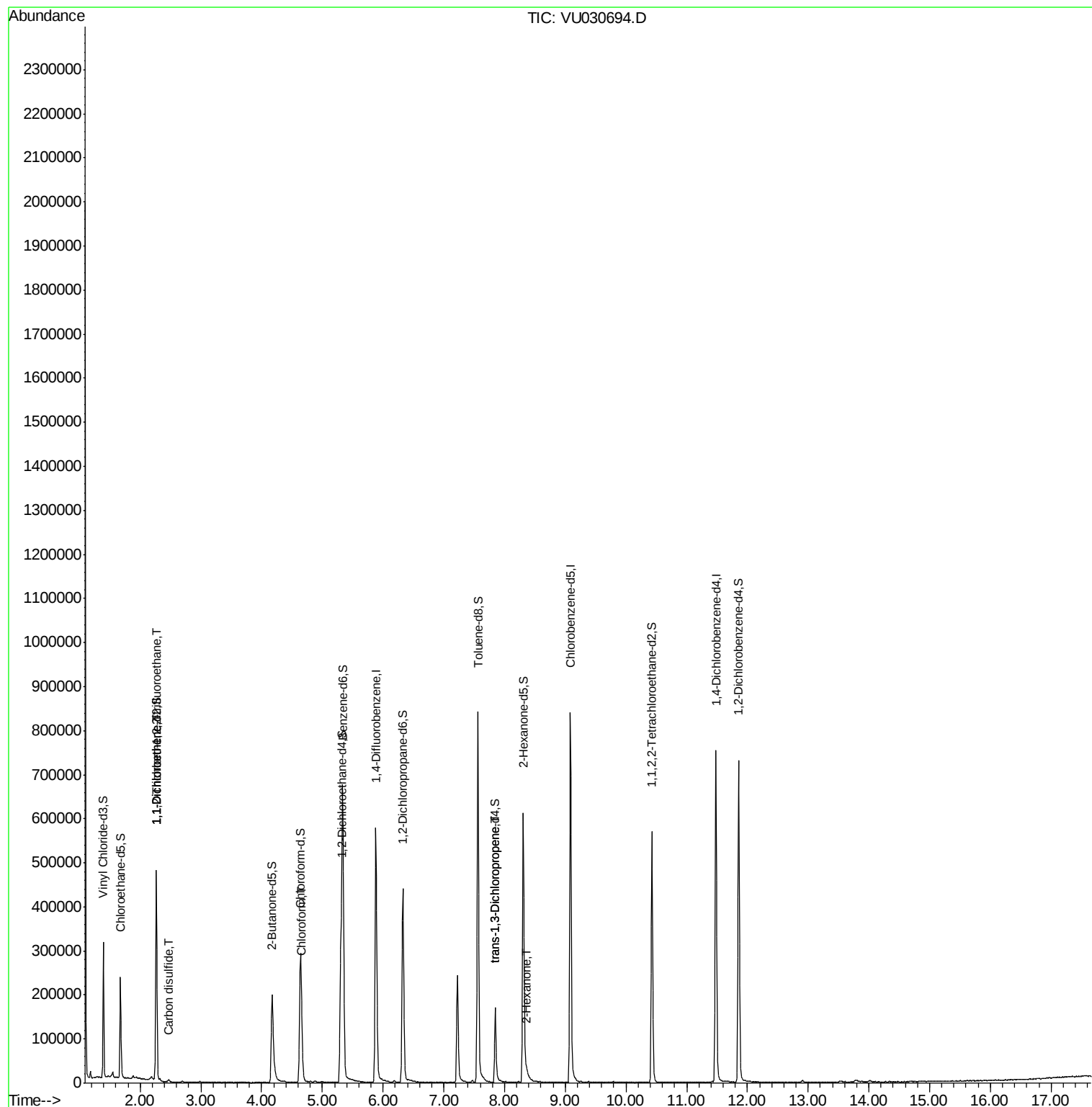
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3022	0.894 ug/L #	24
12) 1,1-Dichloroethene	2.27	96	2316	0.709 ug/L #	1
14) Carbon disulfide	2.47	76	5773	0.569 ug/L	100
25) Chloroform	4.67	83	26936	3.747 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	4505	0.843 ug/L	85
48) 2-Hexanone	8.37	43	13341	2.496 ug/L #	62

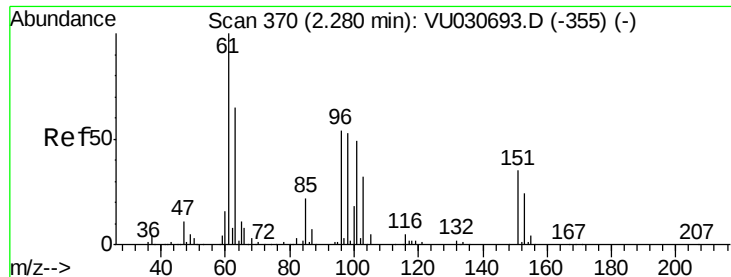
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.894 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030694.D

Acq: 04 Apr 2019 19:47

Instrument :

MSVOA_U

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VBLK41

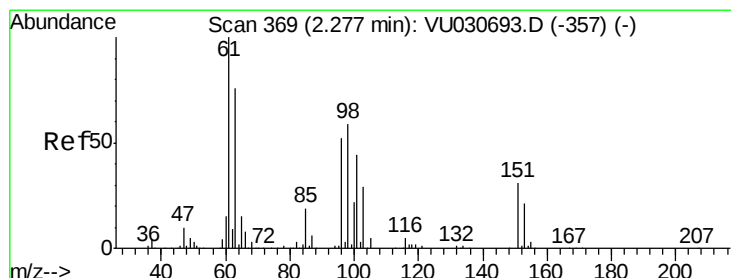
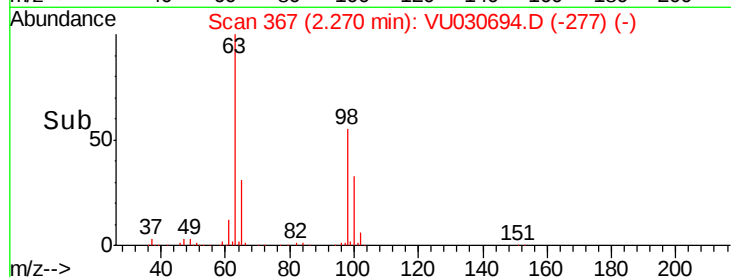
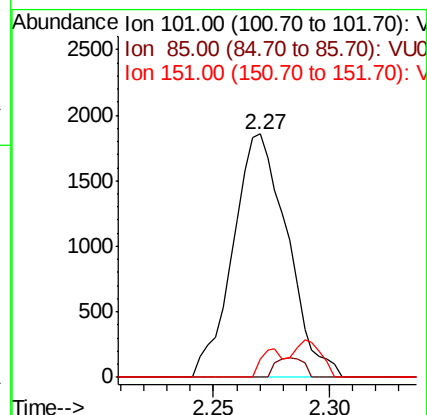
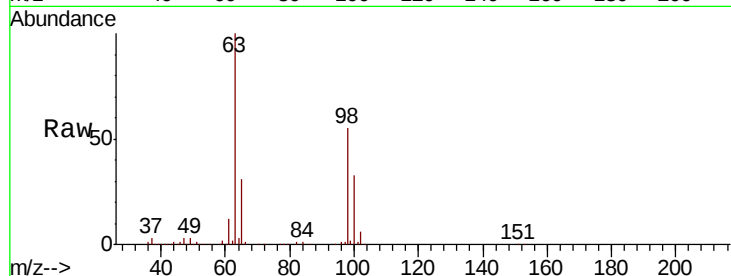
Tot Ion:101 Resp: 3022

Ion Ratio Lower Upper

101 100

85 1.5 36.8 55.2#

151 4.4 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.709 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030694.D

Acq: 04 Apr 2019 19:47

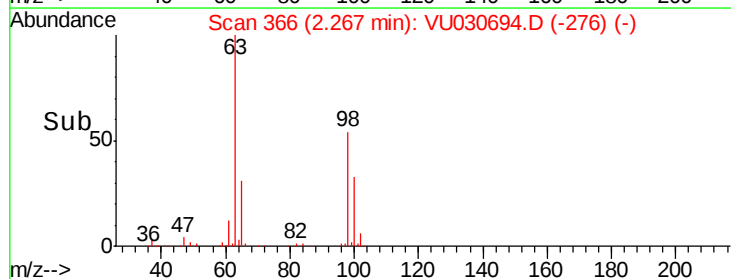
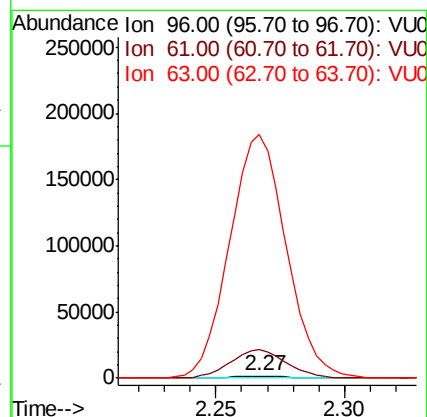
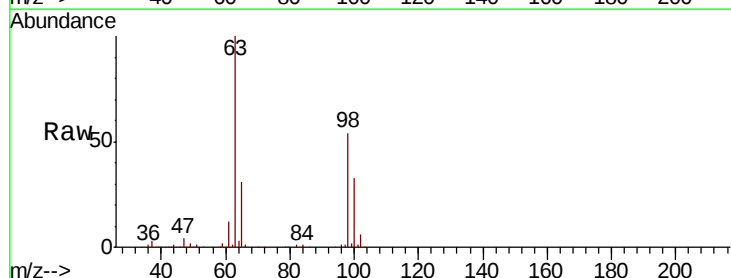
Tgt Ion: 96 Resp: 2316

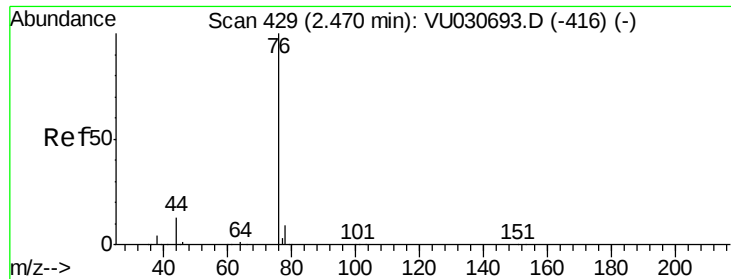
Ion Ratio Lower Upper

96 100

61 1393.3 132.0 245.2#

63 11790.8 90.9 168.9#





#14

Carbon disulfide

Concen: 0.569 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU030694.D

Acq: 04 Apr 2019 19:47

Instrument :

MSVOA_U

ClientSampleId :

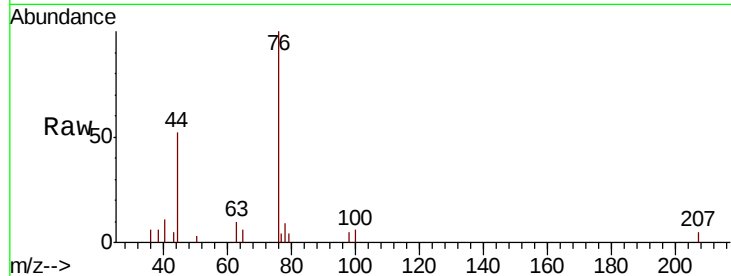
VBLK41

Tot Ion: 76 Resp: 5773

Ion Ratio Lower Upper

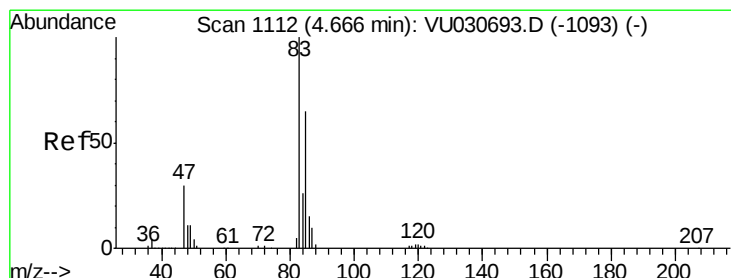
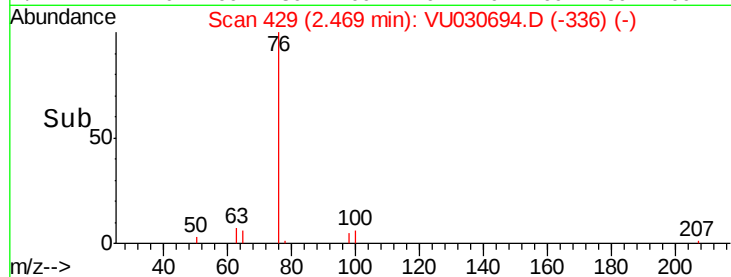
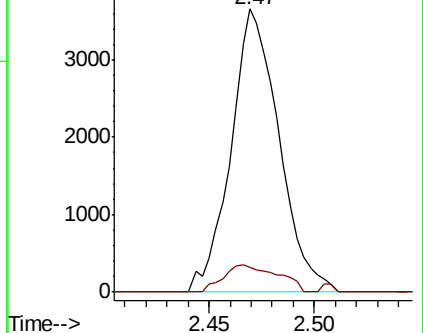
76 100

78 8.7 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VU030694.D (-416) (-)

Ion 78.00 (77.70 to 78.70): VU030694.D (-416) (-)



#25

Chloroform

Concen: 3.747 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030694.D

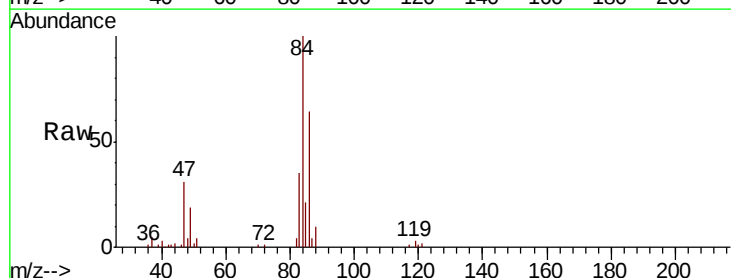
Acq: 04 Apr 2019 19:47

Tgt Ion: 83 Resp: 26936

Ion Ratio Lower Upper

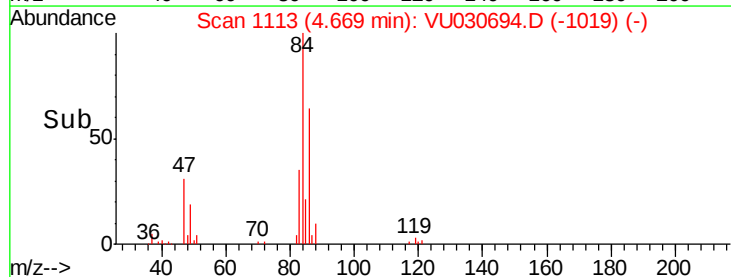
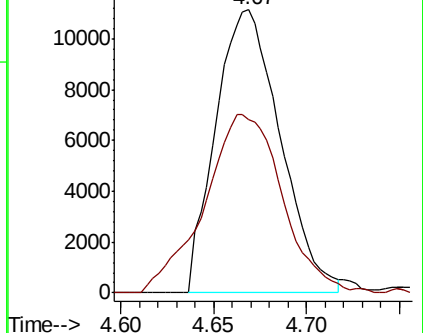
83 100

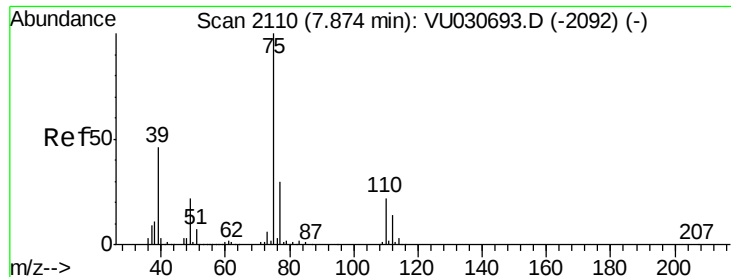
85 61.2 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030694.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VU030694.D (-1019) (-)

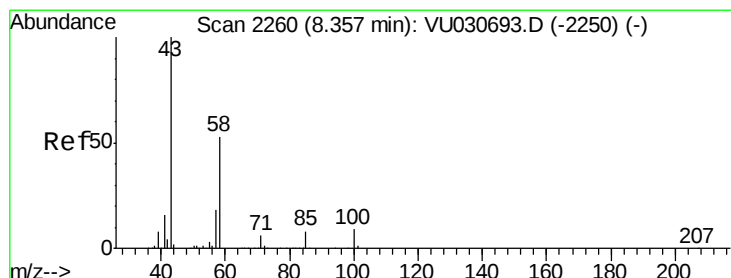
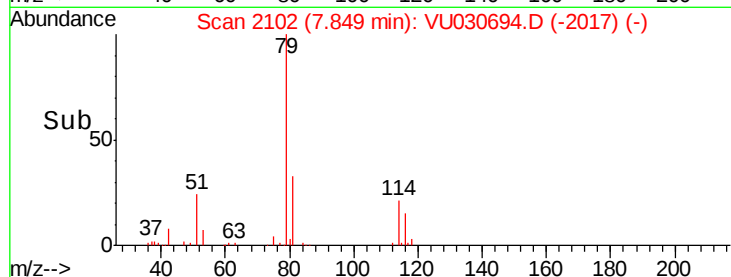
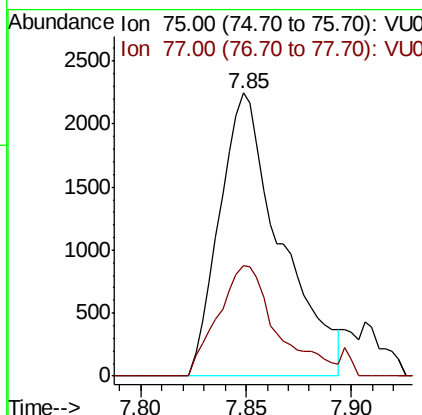
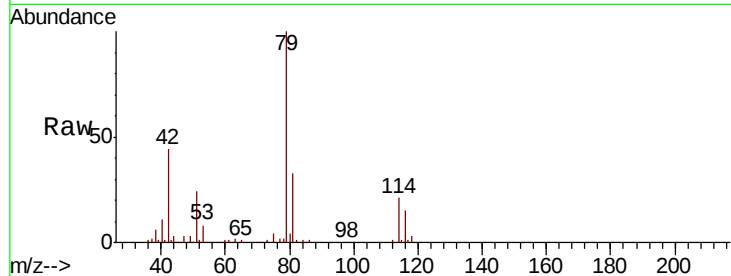




#44
 trans-1,3-Dichloropropene
 Concen: 0.843 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030694.D
 Acq: 04 Apr 2019 19:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK41

Tot Ion: 75 Resp: 4505
 Ion Ratio Lower Upper
 75 100
 77 38.9 21.6 40.0



#48
 2-Hexanone
 Concen: 2.496 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.02 min
 Lab File: VU030694.D
 Acq: 04 Apr 2019 19:47

Tgt Ion: 43 Resp: 13341
 Ion Ratio Lower Upper
 43 100
 58 18.6 41.9 62.9#
 57 7.4 14.3 21.5#
 100 4.4 7.1 10.7#

