

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031112.D
 Acq On : 12 Apr 2019 08:15
 Operator : JC/SP
 Sample : K2341-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB734

Quant Time: Apr 12 08:50:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	505035	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	505915	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	156254	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.32%
7) Chloroethane-d5	1.68	69	134960	39.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.88%
11) 1,1-Dichloroethene-d2	2.27	63	231716	28.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.84%#
21) 2-Butanone-d5	4.17	46	321015	89.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.84%
24) Chloroform-d	4.64	84	303884	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
26) 1,2-Dichloroethane-d4	5.31	65	212958	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
32) Benzene-d6	5.33	84	600710	40.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.34%
36) 1,2-Dichloropropane-d6	6.32	67	211884	41.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.72%
41) Toluene-d8	7.56	98	507856	38.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.58%#
43) trans-1,3-Dichloropropene-	7.85	79	86907	37.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.32%
47) 2-Hexanone-d5	8.31	63	181012	78.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309285	45.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	203454	47.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.46%

Target Compounds

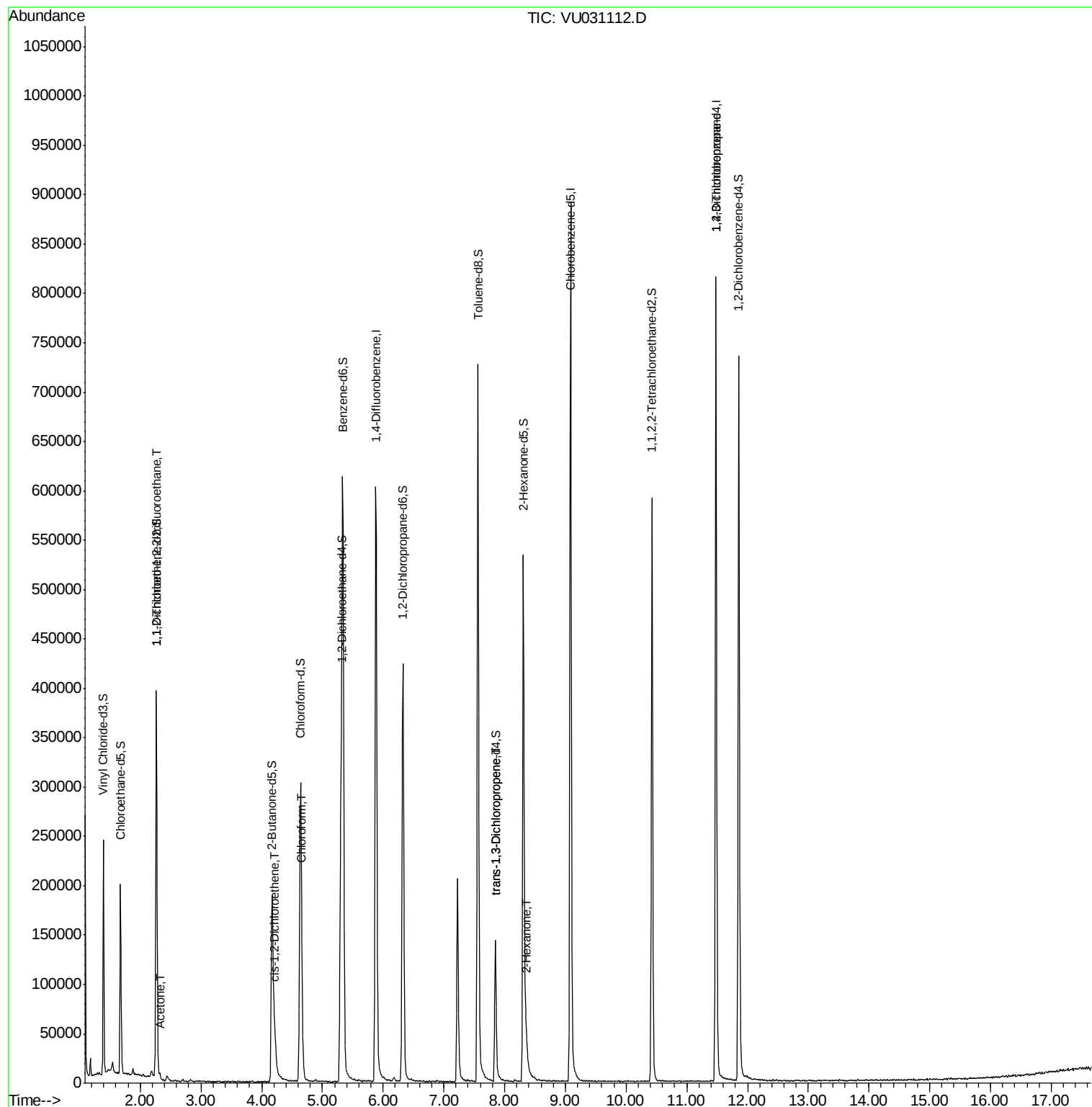
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2041	0.564 ug/L #	20
13) Acetone	2.32	43	4401	1.204 ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	13988	3.418 ug/L	85
25) Chloroform	4.67	83	17317	2.252 ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	3724	0.633 ug/L	94
48) 2-Hexanone	8.36	43	12837	2.183 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	26281	4.681 ug/L	93

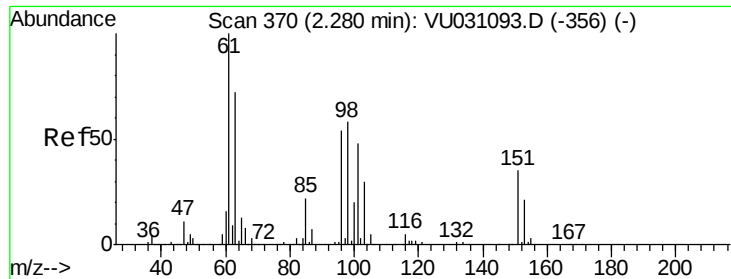
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration





#10

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

Concen: 0.564 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031112.D

Acq: 12 Apr 2019 08:15

Instrument :

MSVOA_U

ClientSampleId :

DB734

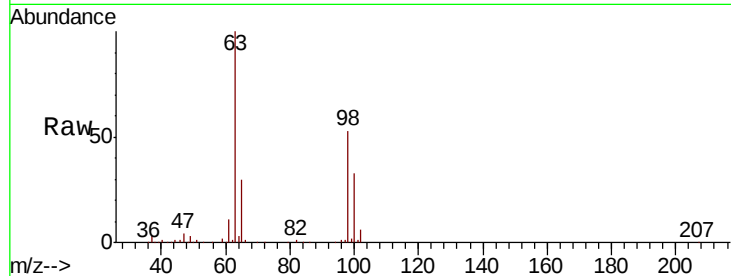
Tot Ion:101 Resp: 2041

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

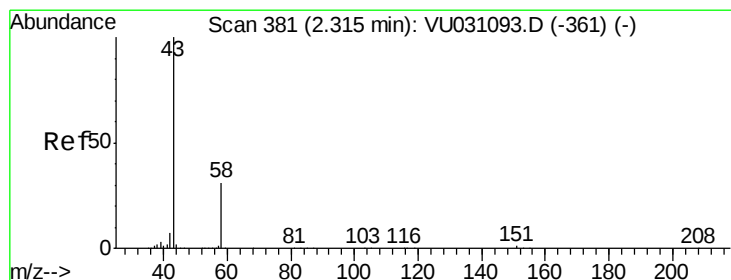
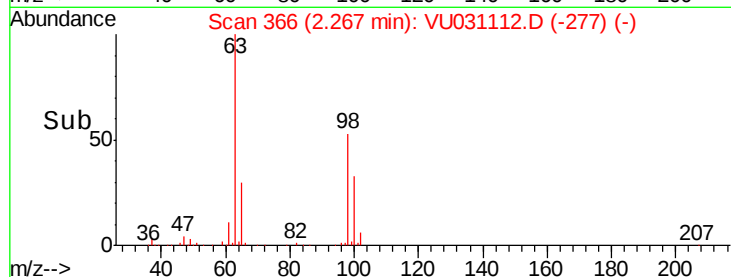
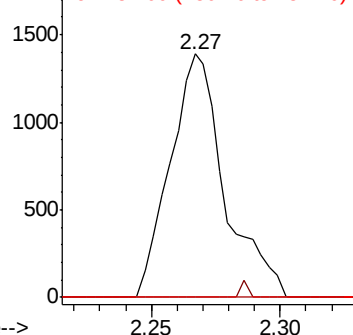
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.204 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031112.D

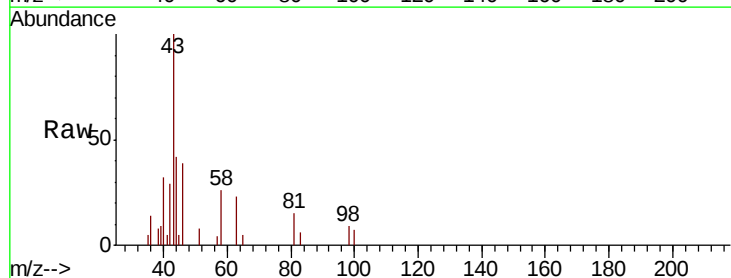
Acq: 12 Apr 2019 08:15

Tgt Ion: 43 Resp: 4401

Ion Ratio Lower Upper

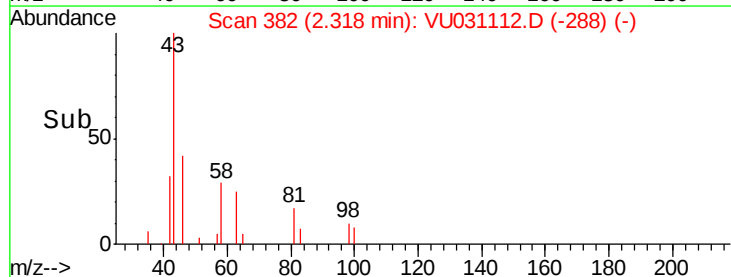
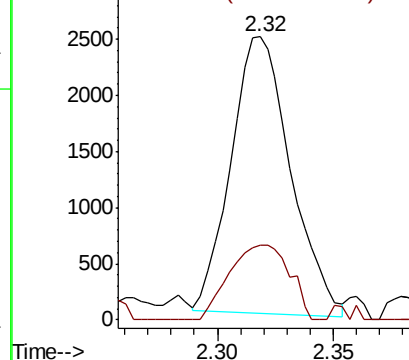
43 100

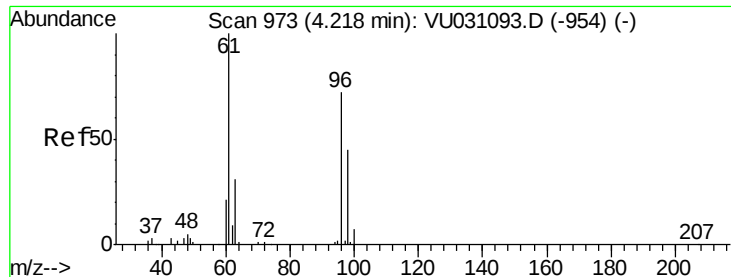
58 27.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

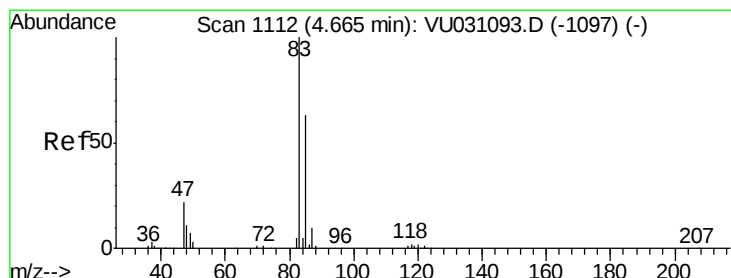
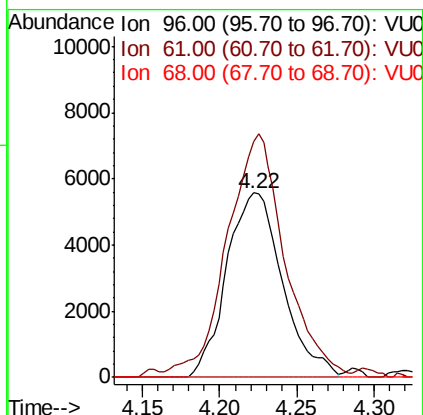
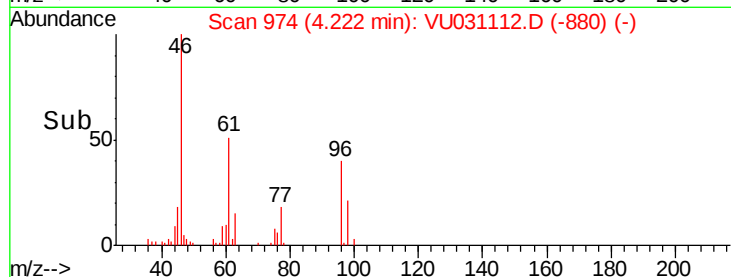
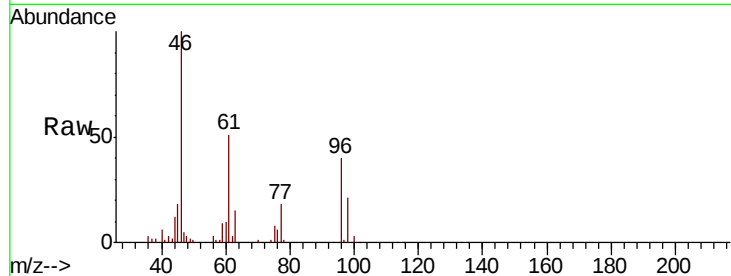




#20
 cis-1,2-Dichloroethene
 Concen: 3.418 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031112.D
 Acq: 12 Apr 2019 08:15

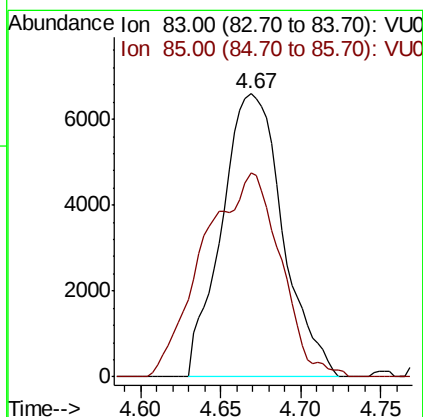
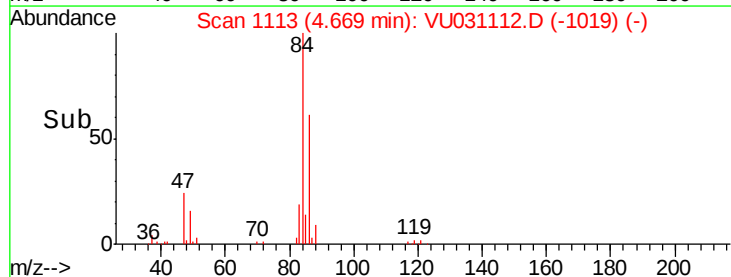
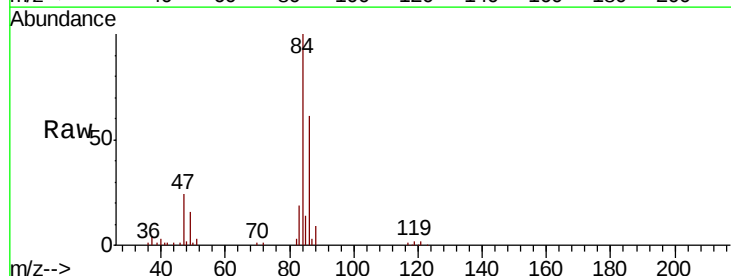
Instrument :
 MSVOA_U
 ClientSampleId :
 DB734

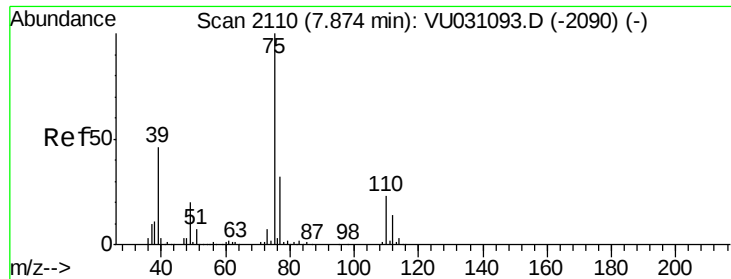
Tot Ion: 96 Resp: 13988
 Ion Ratio Lower Upper
 96 100
 61 127.9 102.9 191.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.252 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VU031112.D
 Acq: 12 Apr 2019 08:15

Tgt Ion: 83 Resp: 17317
 Ion Ratio Lower Upper
 83 100
 85 72.2 45.8 85.0

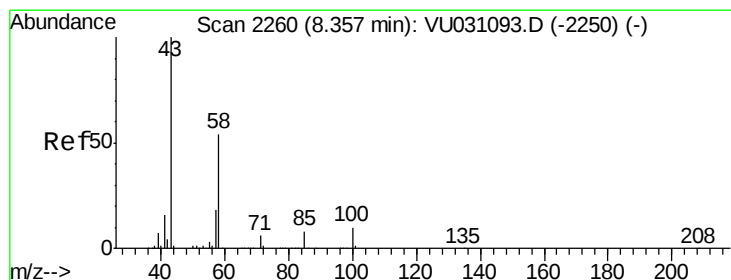
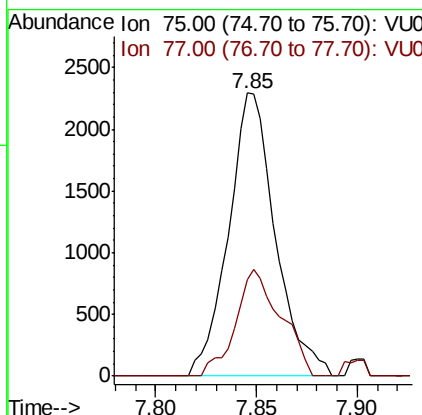
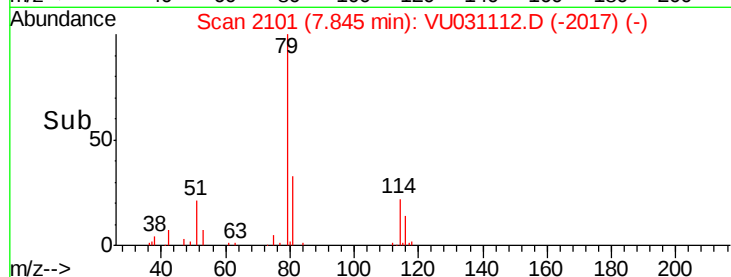
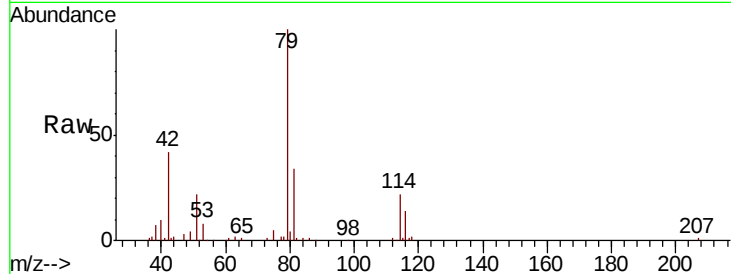




#44
trans-1,3-Dichloropropene
Concen: 0.633 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031112.D
Acq: 12 Apr 2019 08:15

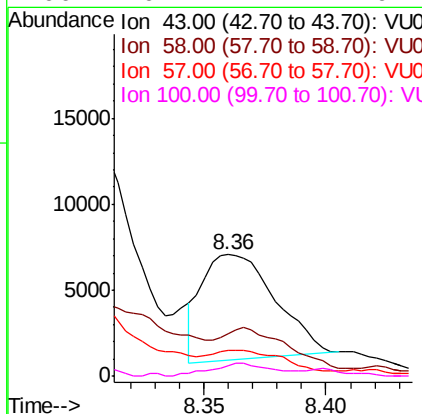
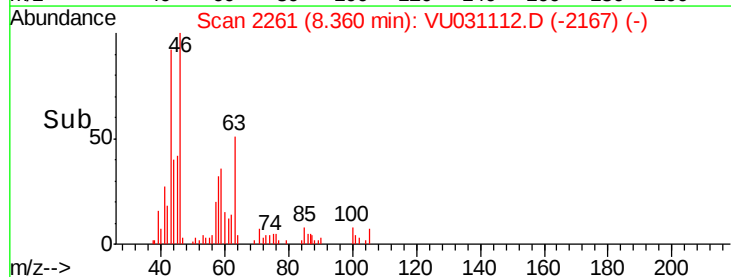
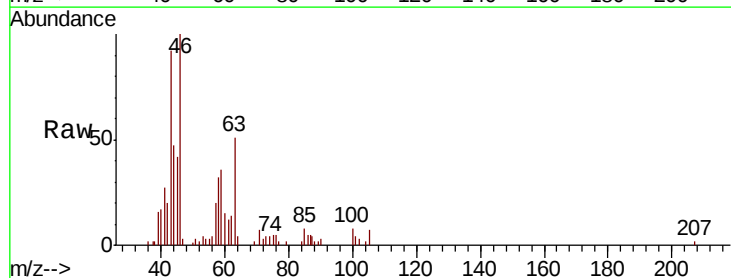
Instrument :
MSVOA_U
ClientSampled :
DB734

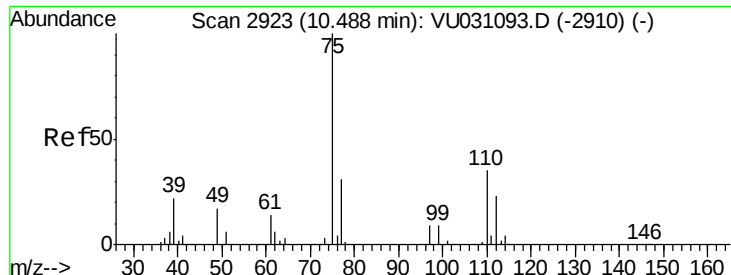
Tot Ion: 75 Resp: 3724
Ion Ratio Lower Upper
75 100
77 33.9 21.6 40.0



#48
2-Hexanone
Concen: 2.183 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU031112.D
Acq: 12 Apr 2019 08:15

Tgt Ion: 43 Resp: 12837
Ion Ratio Lower Upper
43 100
58 38.1 41.9 62.9#
57 19.4 14.3 21.5
100 10.1 7.1 10.7





#59

1,2,3-Trichloropropane

Concen: 4.681 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031112.D

Acq: 12 Apr 2019 08:15

Instrument :

MSVOA_U

ClientSampleId :

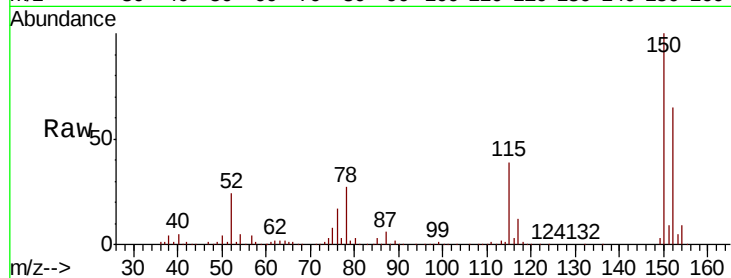
DB734

Tot Ion: 75 Resp: 26281

Ion Ratio Lower Upper

75 100

77 36.6 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

