

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031092.D
 Acq On : 12 Apr 2019 00:14
 Operator : JC/SP
 Sample : K2354-11 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C5

Quant Time: Apr 12 04:52:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	541623	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	531186	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222467	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	174842	36.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.32%
7) Chloroethane-d5	1.68	69	148706	40.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.04%
11) 1,1-Dichloroethene-d2	2.27	63	245532	28.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.16%#
21) 2-Butanone-d5	4.17	46	354645	92.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.55%
24) Chloroform-d	4.64	84	330708	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
26) 1,2-Dichloroethane-d4	5.30	65	227509	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
32) Benzene-d6	5.34	84	640005	41.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.54%
36) 1,2-Dichloropropane-d6	6.32	67	230015	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.56%
41) Toluene-d8	7.56	98	546906	39.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.58%#
43) trans-1,3-Dichloropropene-	7.85	79	95134	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.52%
47) 2-Hexanone-d5	8.31	63	200682	82.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319794	44.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	211870	48.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.86%

Target Compounds

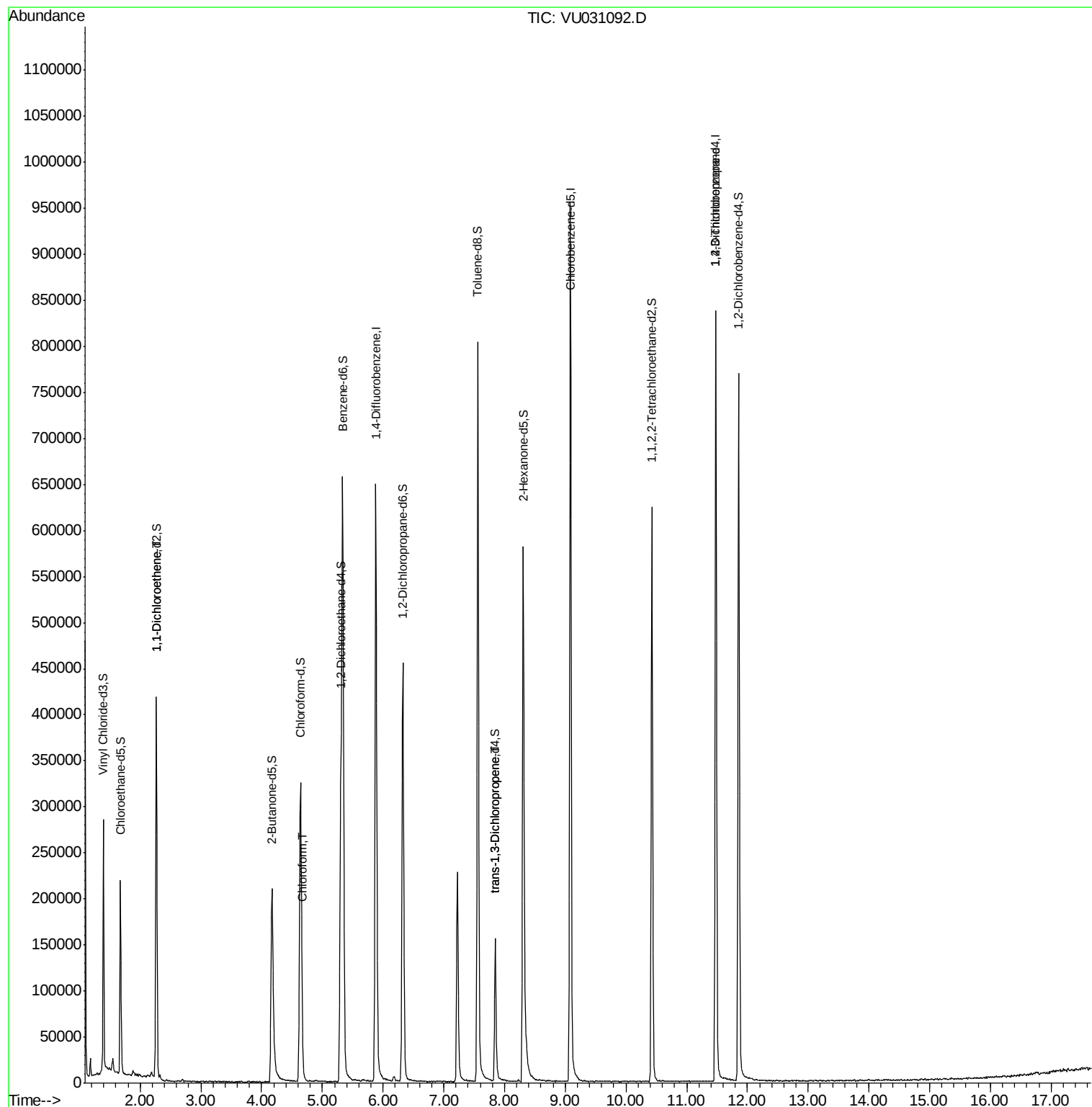
					Ovalue
12) 1,1-Dichloroethene	2.26	96	2204	0.589 ug/L	# 1
25) Chloroform	4.67	83	11665	1.415 ug/L	85
44) trans-1,3-Dichloropropene	7.85	75	3772	0.611 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	25503	4.326 ug/L	90

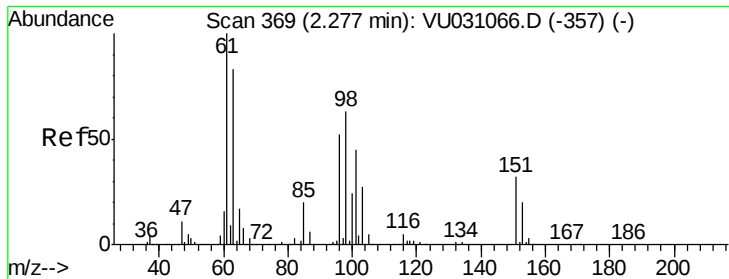
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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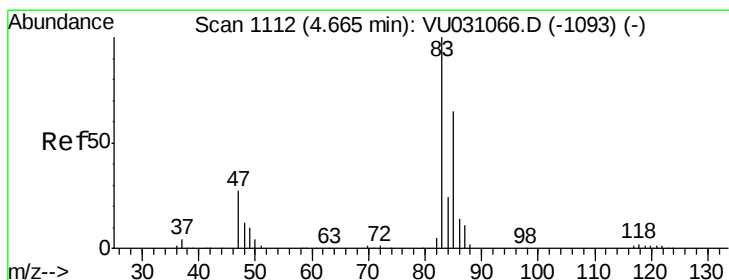
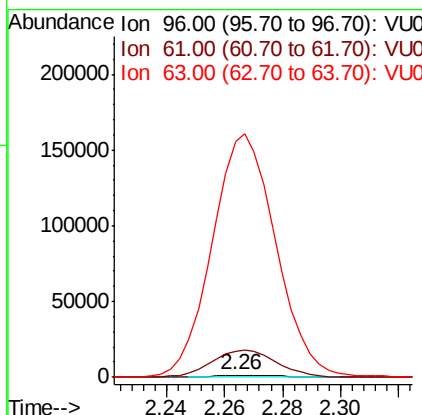
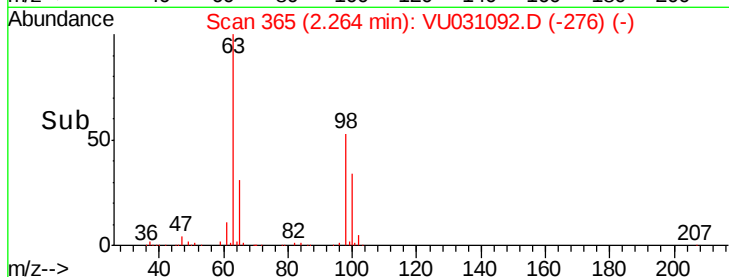
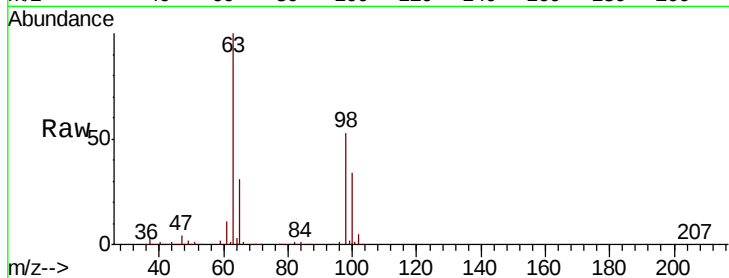




#12
 1,1-Dichloroethene
 Concen: 0.589 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VU031092.D
 Acq: 12 Apr 2019 00:14

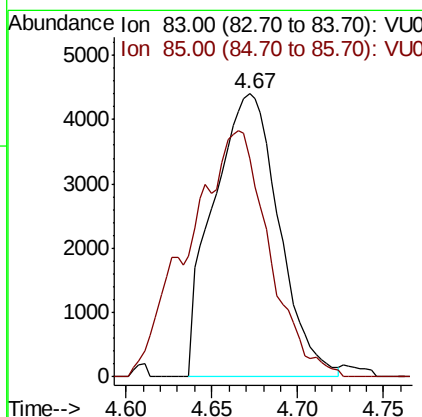
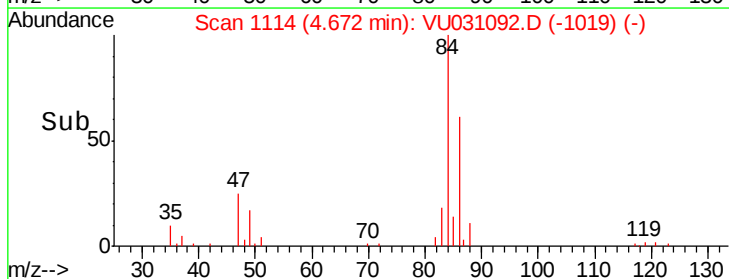
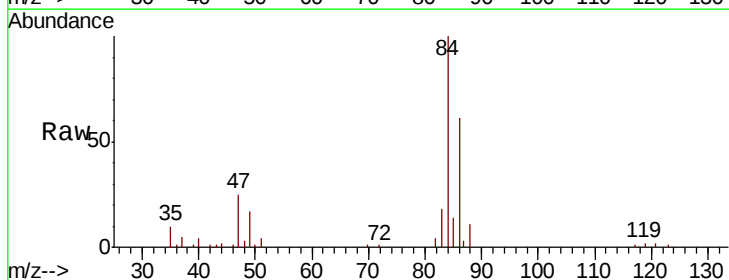
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C5

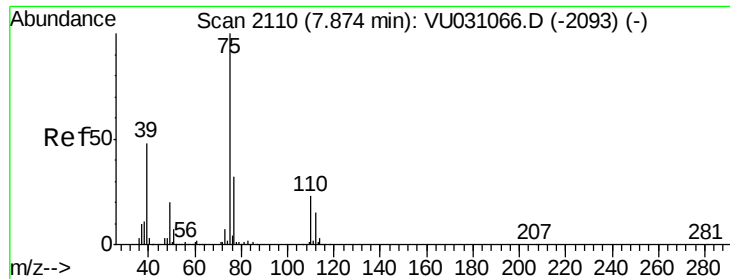
Tot Ion: 96 Resp: 2204
 Ion Ratio Lower Upper
 96 100
 61 1352.6 132.0 245.2#
 63 12085.6 90.9 168.9#



#25
 Chloroform
 Concen: 1.415 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VU031092.D
 Acq: 12 Apr 2019 00:14

Tgt Ion: 83 Resp: 11665
 Ion Ratio Lower Upper
 83 100
 85 77.0 45.8 85.0





#44

trans-1,3-Dichloropropene

Concen: 0.611 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031092.D

Acq: 12 Apr 2019 00:14

Instrument :

MSVOA_U

ClientSampleId :

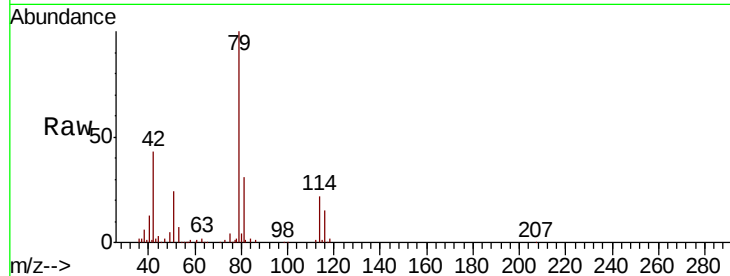
BF1C5

Tot Ion: 75 Resp: 3772

Ion Ratio Lower Upper

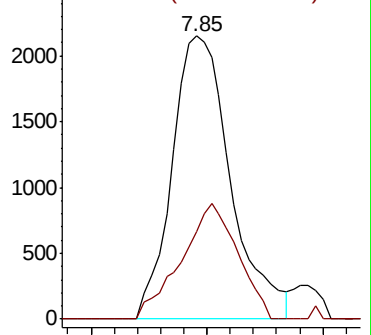
75 100

77 31.1 21.6 40.0

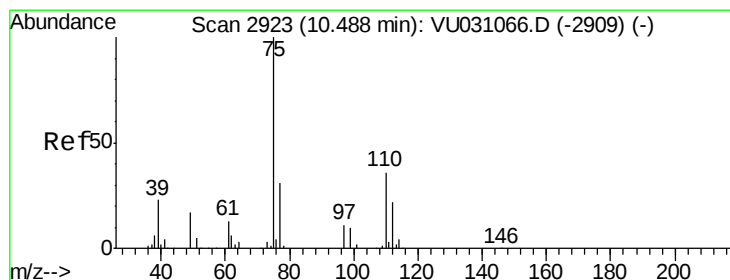
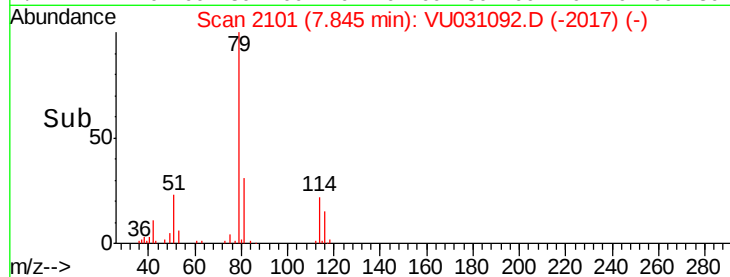


Abundance Ion 75.00 (74.70 to 75.70): VU031066.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU031066.D (-2093) (-)



Time-->



#59

1,2,3-Trichloropropane

Concen: 4.326 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031092.D

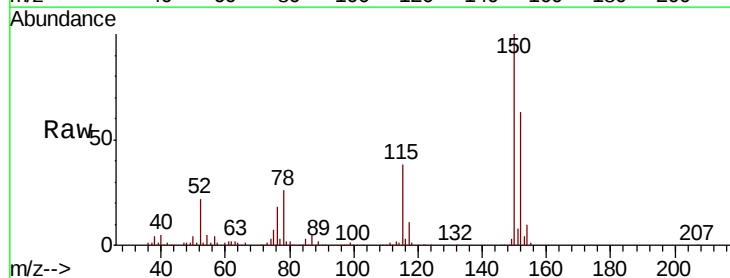
Acq: 12 Apr 2019 00:14

Tgt Ion: 75 Resp: 25503

Ion Ratio Lower Upper

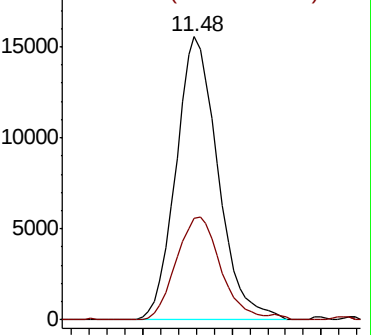
75 100

77 38.2 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU031066.D (-2909) (-)

Ion 77.00 (76.70 to 77.70): VU031066.D (-2909) (-)



Time-->

