

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031452.D
 Acq On : 23 Apr 2019 21:02
 Operator : JC/SP
 Sample : K2478-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 08:44:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 08:41:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	736015	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	674416	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	288185	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	280462	47.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.06%
7) Chloroethane-d5	1.68	69	224245	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.76%
11) 1,1-Dichloroethene-d2	2.27	63	398631	38.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.84%
21) 2-Butanone-d5	4.19	46	470770	105.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.58%
24) Chloroform-d	4.64	84	460171	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	5.31	65	288317	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
32) Benzene-d6	5.34	84	998500	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
36) 1,2-Dichloropropane-d6	6.32	67	326310	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.10%
41) Toluene-d8	7.56	98	872415	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%
43) trans-1,3-Dichloropropene-	7.85	79	137623	48.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.34%
47) 2-Hexanone-d5	8.31	63	335201	106.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	430068	50.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	294635	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%

Target Compounds

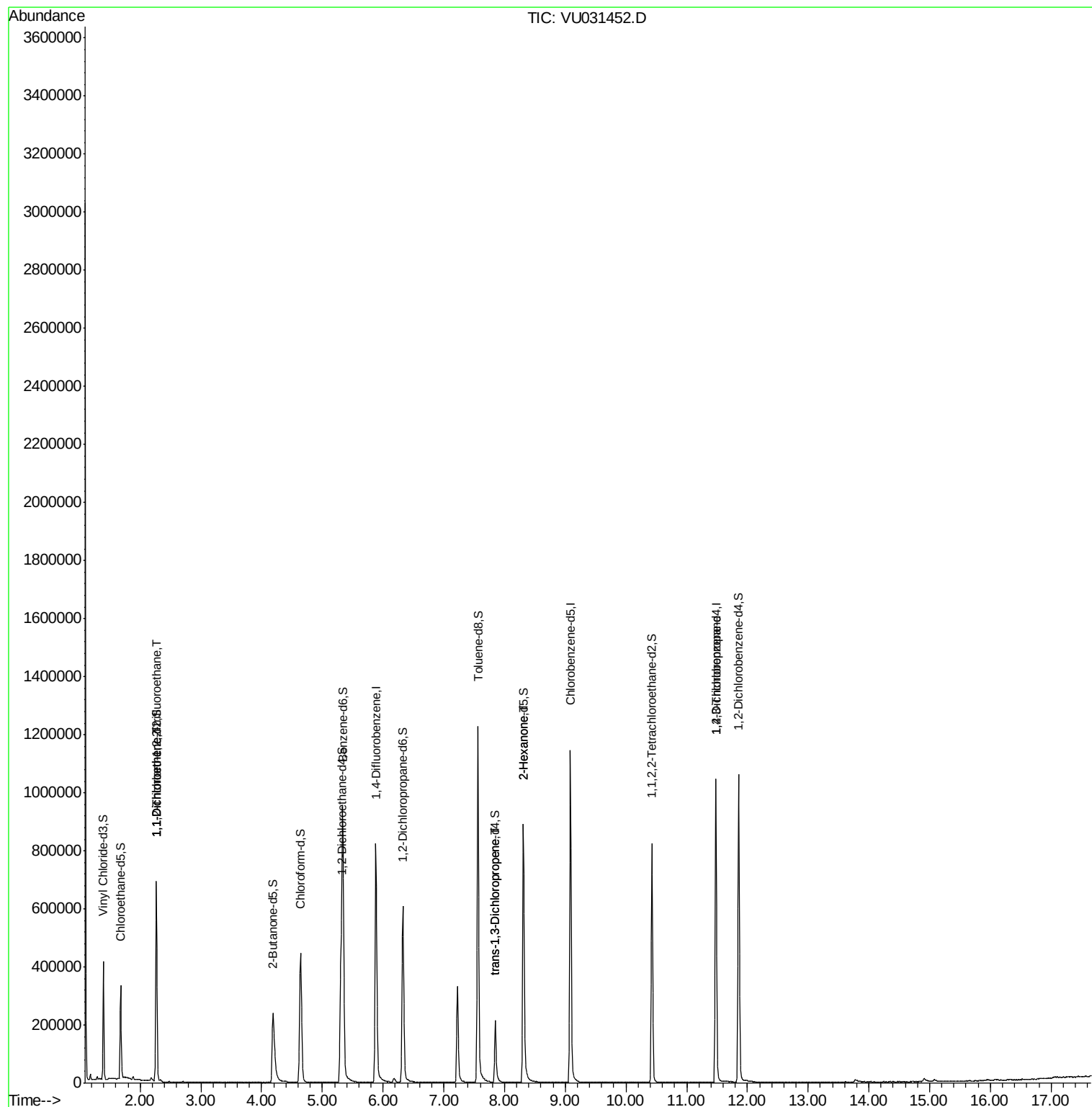
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3631	0.797 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3138	0.700 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	5003	0.746 ug/L	99
48) 2-Hexanone	8.31	43	37550	6.092 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	32682	5.093 ug/L	91

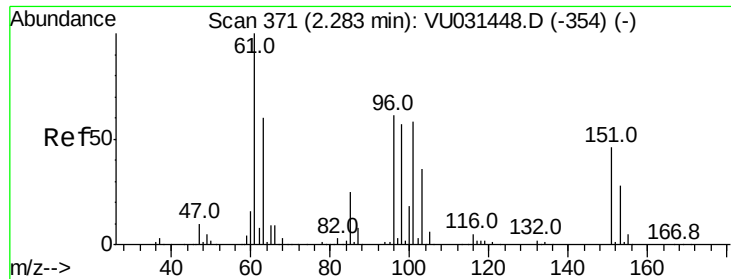
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.797 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031452.D

Acq: 23 Apr 2019 21:02

Instrument :

MSVOA_U

ClientSampled :

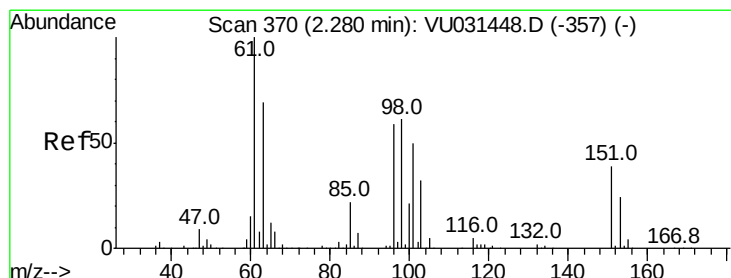
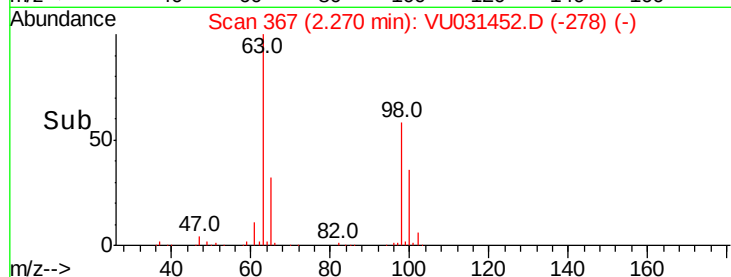
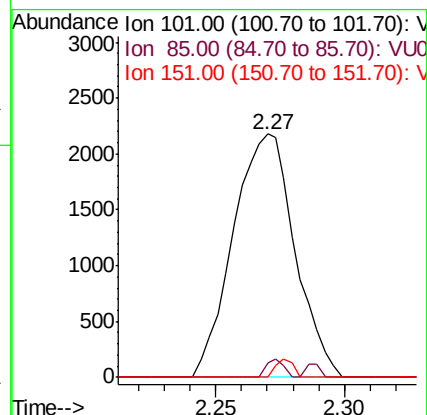
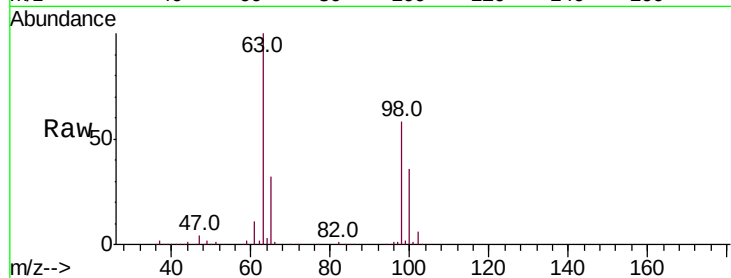
Tot Ion:101 Resp: 3631

Ion Ratio Lower Upper

101 100

85 2.1 33.1 49.7#

151 2.1 61.4 92.0#



#12

1,1-Dichloroethene

Concen: 0.700 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031452.D

Acq: 23 Apr 2019 21:02

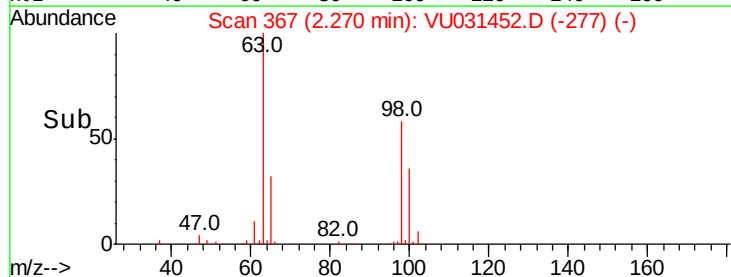
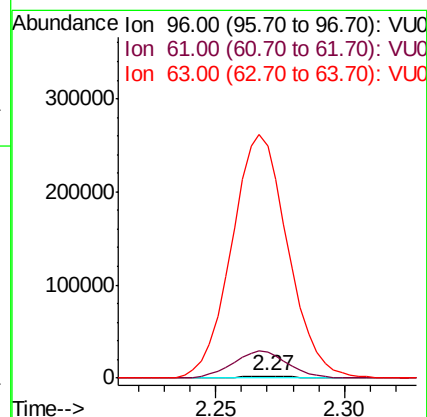
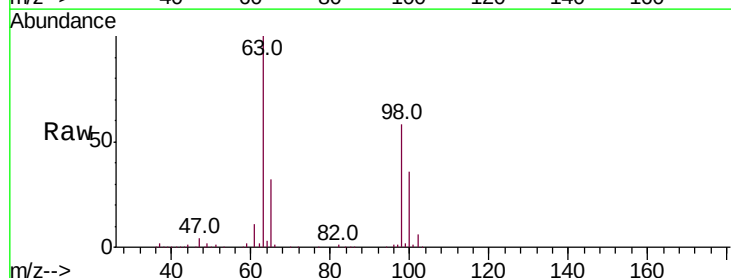
Tgt Ion: 96 Resp: 3138

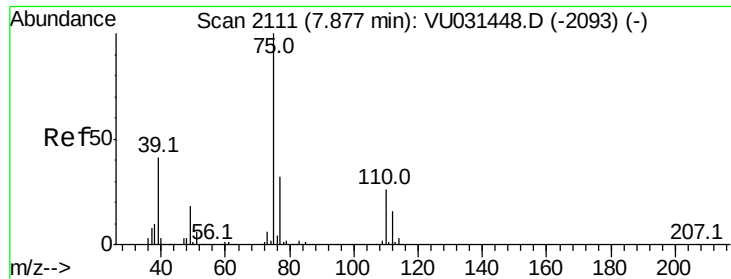
Ion Ratio Lower Upper

96 100

61 1455.6 118.9 220.9#

63 13246.4 99.3 184.3#





#44

trans-1,3-Dichloropropene

Concen: 0.746 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031452.D

Acq: 23 Apr 2019 21:02

Instrument :

MSVOA_U

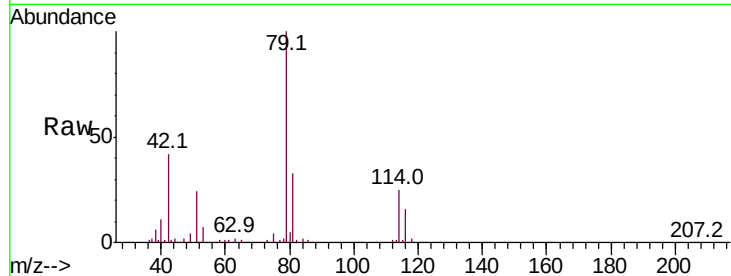
ClientSampleId :

Tot Ion: 75 Resp: 5003

Ion Ratio Lower Upper

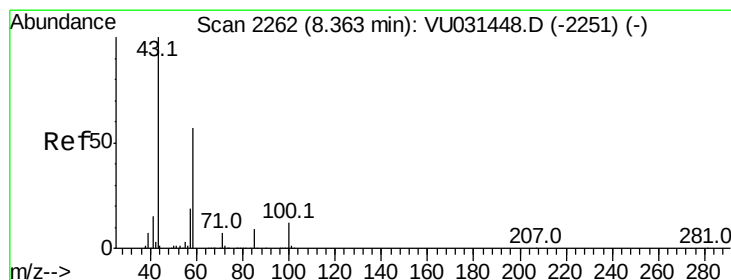
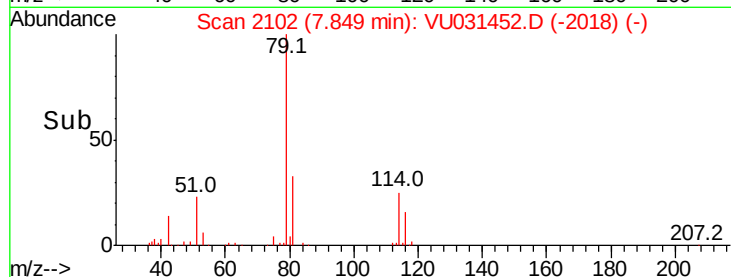
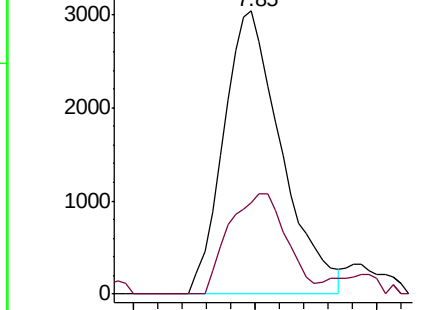
75 100

77 32.2 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU031448.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU031448.D (-2093) (-)



#48

2-Hexanone

Concen: 6.092 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031452.D

Acq: 23 Apr 2019 21:02

Tgt Ion: 43 Resp: 37550

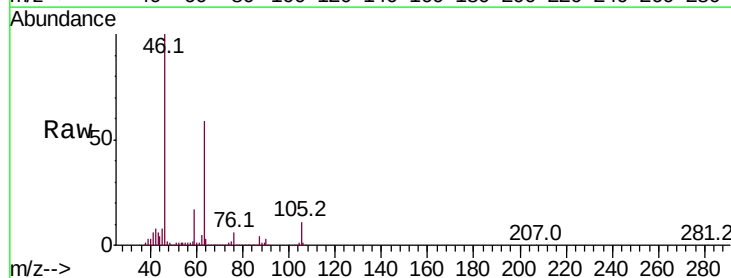
Ion Ratio Lower Upper

43 100

58 30.0 45.5 68.3#

57 22.0 15.2 22.8

100 0.5 9.1 13.7#

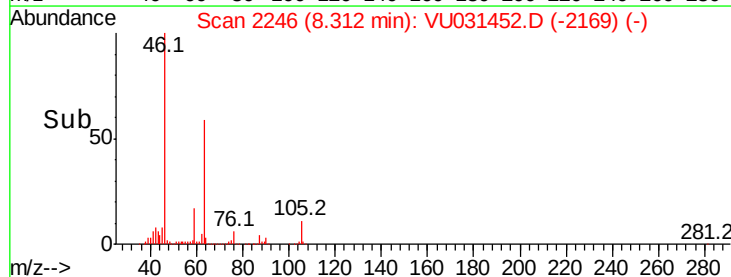
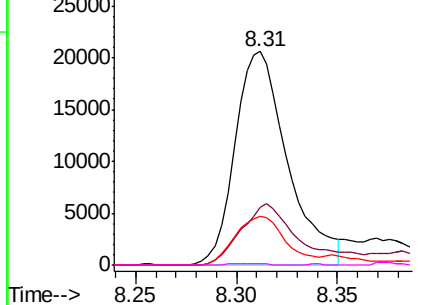


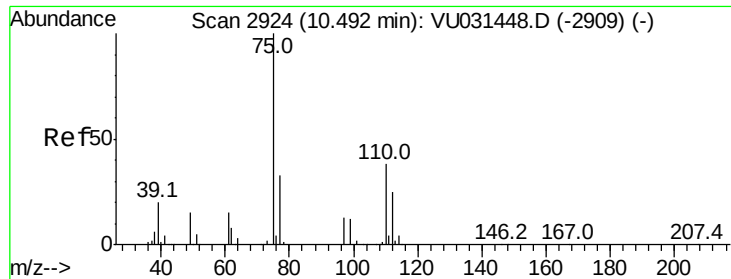
Abundance Ion 43.00 (42.70 to 43.70): VU031448.D (-2251) (-)

Ion 58.00 (57.70 to 58.70): VU031448.D (-2251) (-)

Ion 57.00 (56.70 to 57.70): VU031448.D (-2251) (-)

Ion 100.00 (99.70 to 100.70): VU031448.D (-2251) (-)





#59

1,2,3-Trichloropropane

Concen: 5.093 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031452.D

Acq: 23 Apr 2019 21:02

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 32682

Ion Ratio Lower Upper

75 100

77 36.9 25.6 38.4

