

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031241.D
 Acq On : 17 Apr 2019 04:25
 Operator : JC/SP
 Sample : K2410-16 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XE9

Quant Time: Apr 17 06:05:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	441763	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	464796	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182708	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	169911	41.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.54%
7) Chloroethane-d5	1.68	69	170277	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.42%
11) 1,1-Dichloroethene-d2	2.27	63	283150	35.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.26%
21) 2-Butanone-d5	4.19	46	308916	104.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.26%
24) Chloroform-d	4.64	84	314600	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.70%
26) 1,2-Dichloroethane-d4	5.31	65	211365	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
32) Benzene-d6	5.34	84	641358	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
36) 1,2-Dichloropropane-d6	6.33	67	202464	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.92%
41) Toluene-d8	7.56	98	551145	42.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.26%
43) trans-1,3-Dichloropropene-	7.85	79	92208	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
47) 2-Hexanone-d5	8.31	63	216310	96.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274767	41.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	204591	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

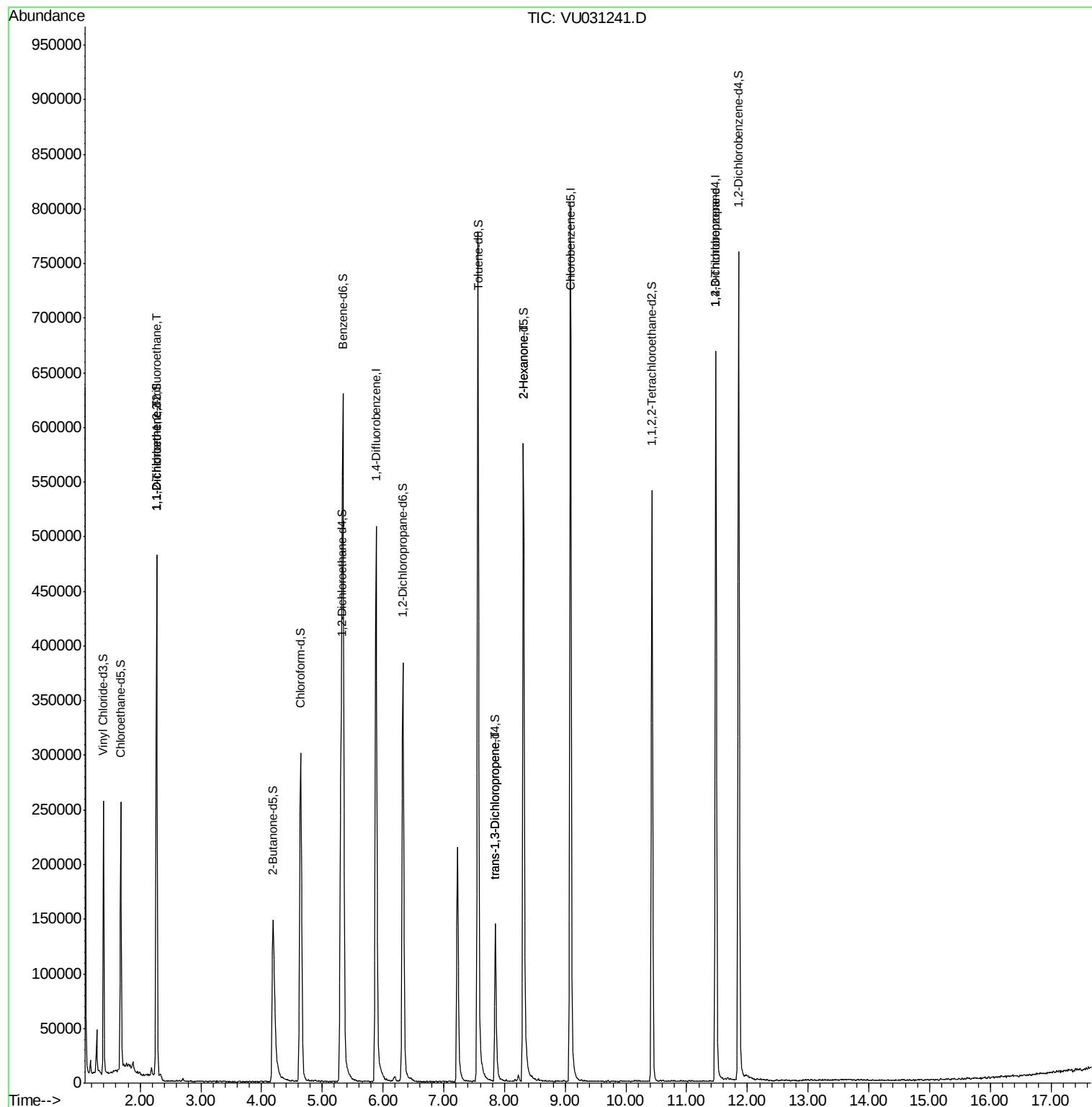
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2633	0.748 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2018	0.584 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3334	0.619 ug/L	91
48) 2-Hexanone	8.31	43	25443	5.477 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	22059	4.480 ug/L	91

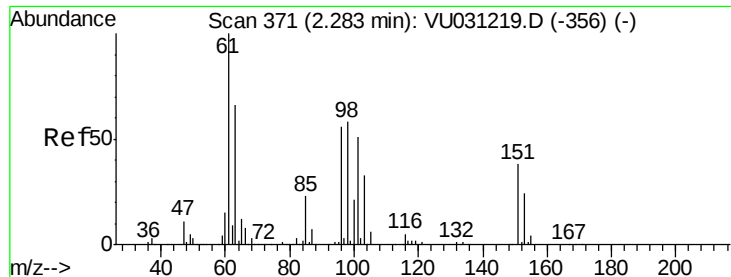
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.748 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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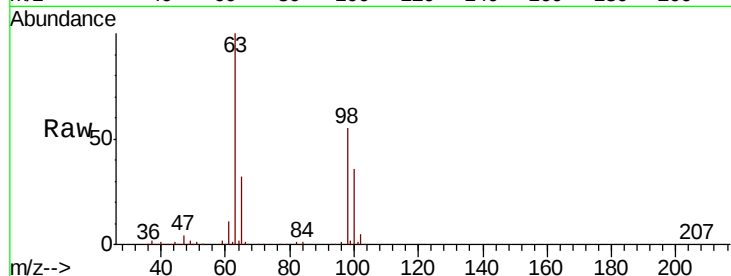
Tgt Ion:101 Resp: 2633

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

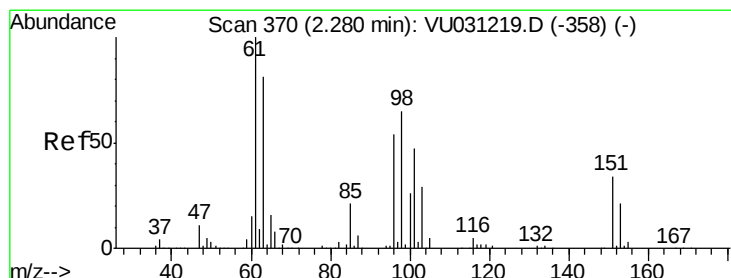
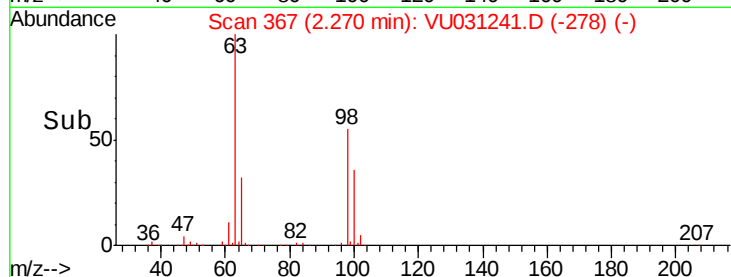
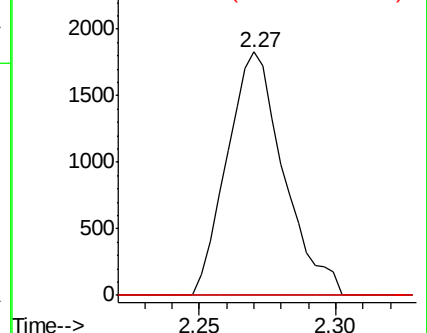
151 0.0 59.8 89.8#



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



#12

1,1-Dichloroethene

Concen: 0.584 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031241.D

Acq: 17 Apr 2019 04:25

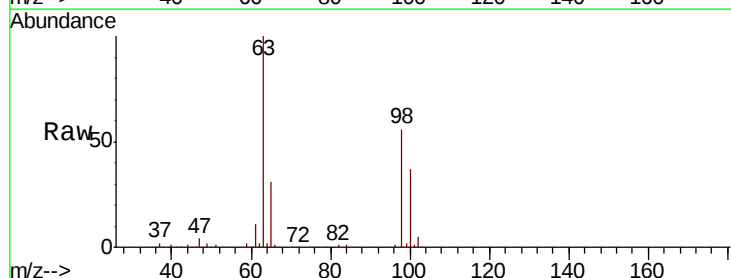
Tgt Ion: 96 Resp: 2018

Ion Ratio Lower Upper

96 100

61 1702.2 130.4 242.2#

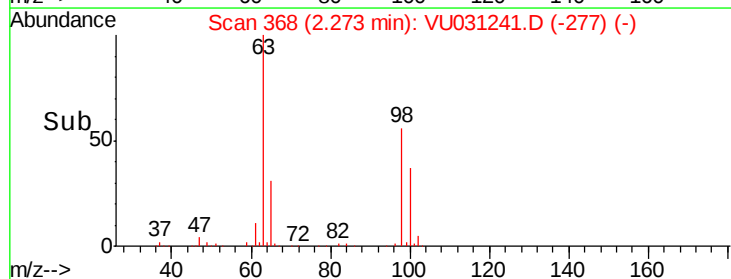
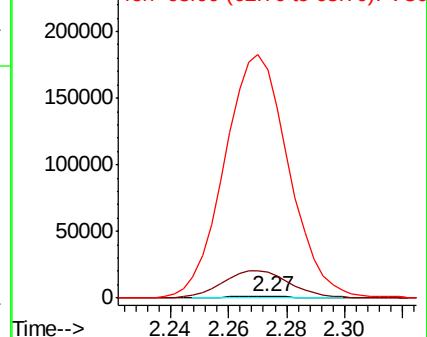
63 14955.7 108.9 202.3#

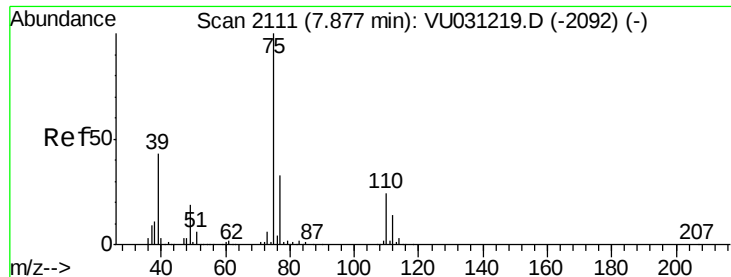


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.619 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031241.D

Acq: 17 Apr 2019 04:25

Instrument :

MSVOA_U

ClientSampleId :

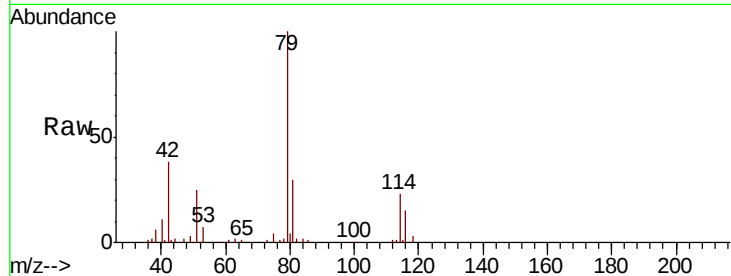
C0XE9

Tgt Ion: 75 Resp: 3334

Ion Ratio Lower Upper

75 100

77 37.7 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU031219.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031219.D (-2092) (-)

7.85

2000

1500

1000

500

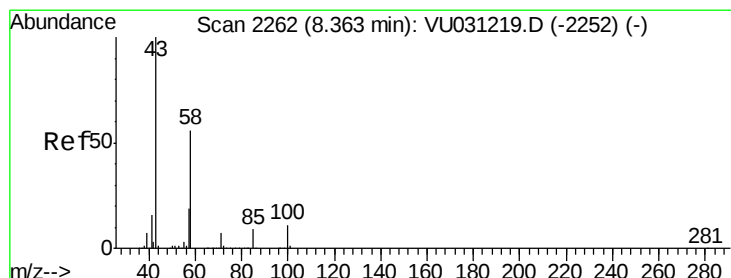
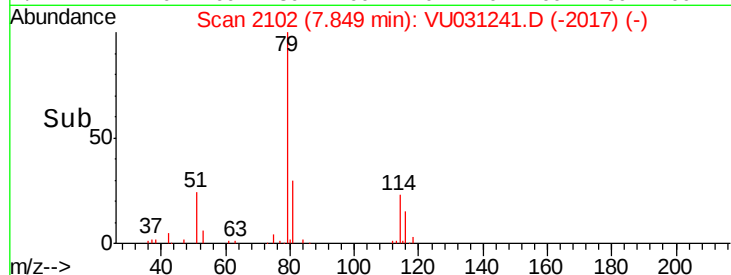
0

7.80

7.85

7.90

Time-->



#48

2-Hexanone

Concen: 5.477 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031241.D

Acq: 17 Apr 2019 04:25

Tgt Ion: 43 Resp: 25443

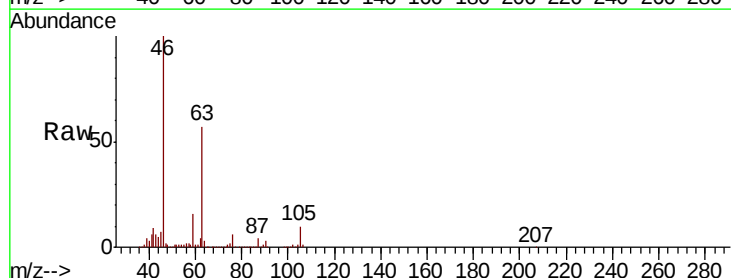
Ion Ratio Lower Upper

43 100

58 27.1 44.9 67.3#

57 26.3 15.1 22.7#

100 0.5 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VU031219.D (-2252) (-)

Ion 58.00 (57.70 to 58.70): VU031219.D (-2252) (-)

Ion 57.00 (56.70 to 57.70): VU031219.D (-2252) (-)

Ion 100.00 (99.70 to 100.70): VU031219.D (-2252) (-)

8.31

20000

15000

10000

5000

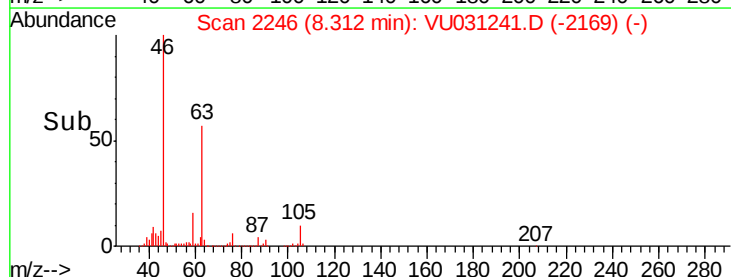
0

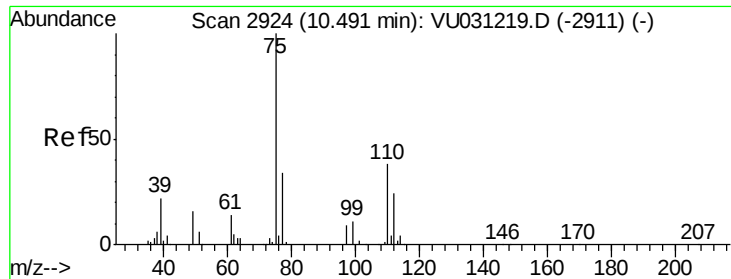
8.25

8.30

8.35

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.480 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031241.D

Acq: 17 Apr 2019 04:25

Instrument :

MSVOA_U

ClientSampleId :

C0XE9

Tgt Ion: 75 Resp: 22059

Ion Ratio Lower Upper

75 100

77 36.7 25.4 38.2

