

Data File : VU031612.D
Acq On : 30 Apr 2019 01:59
Operator : JC/SP
Sample : K2592-12DL 1000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X72DL

Quant Time: Apr 30 04:54:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	630623	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	613852	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222063	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	332371	62.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	125.94%
7) Chloroethane-d5	1.68	69	242949	59.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.14%
11) 1,1-Dichloroethene-d2	2.27	63	457940	43.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.14%
21) 2-Butanone-d5	4.19	46	530458	110.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.93%
24) Chloroform-d	4.64	84	497418	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
26) 1,2-Dichloroethane-d4	5.31	65	344497	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.10%
32) Benzene-d6	5.34	84	979225	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.90%
36) 1,2-Dichloropropane-d6	6.33	67	346425	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.48%
41) Toluene-d8	7.56	98	808969	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%
43) trans-1,3-Dichloropropene-	7.85	79	130979	46.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.02%
47) 2-Hexanone-d5	8.31	63	297106	103.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	440382	49.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	244923	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%

Target Compounds

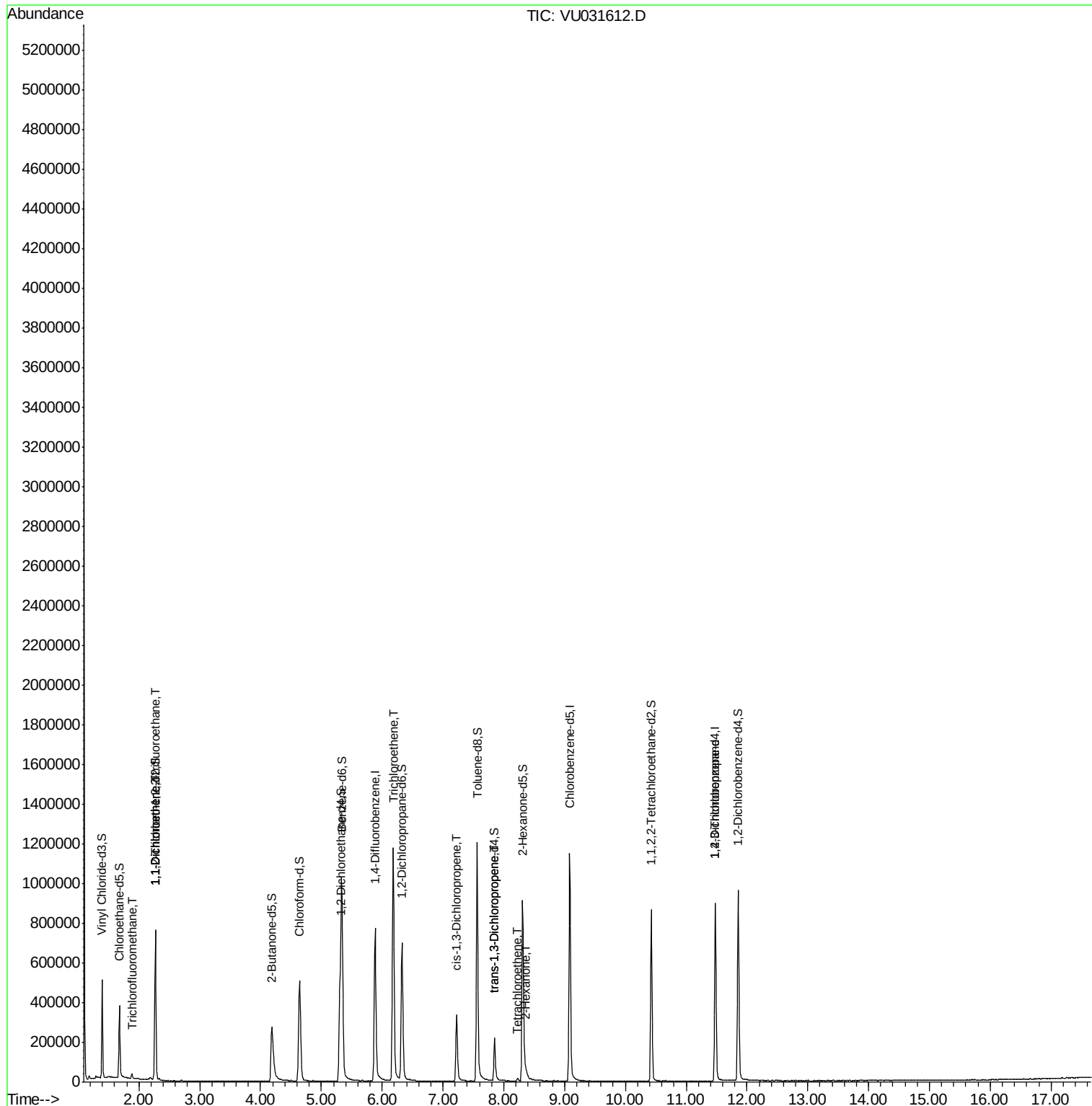
					Qvalue
9) Trichlorofluoromethane	1.88	101	8154	0.912 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3579	0.708 ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3179	0.646 ug/L #	1
34) Trichloroethene	6.18	95	441608	80.721 ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	8889	1.050 ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	5701	0.742 ug/L	88
46) Tetrachloroethene	8.23	164	2742	0.735 ug/L	92
48) 2-Hexanone	8.36	43	24476	3.070 ug/L #	44
59) 1,2,3-Trichloropropane	11.48	75	30462	4.010 ug/L	92

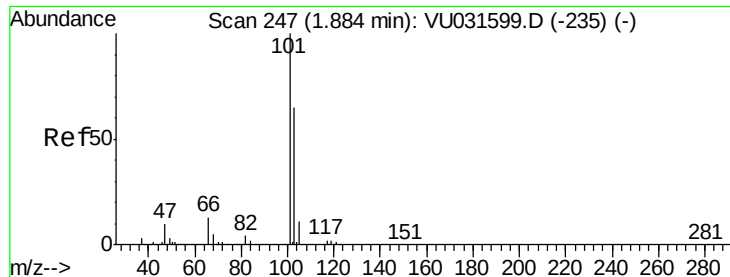
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.912 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU031612.D

Acq: 30 Apr 2019 01:59

Instrument :

MSVOA_U

ClientSampleId :

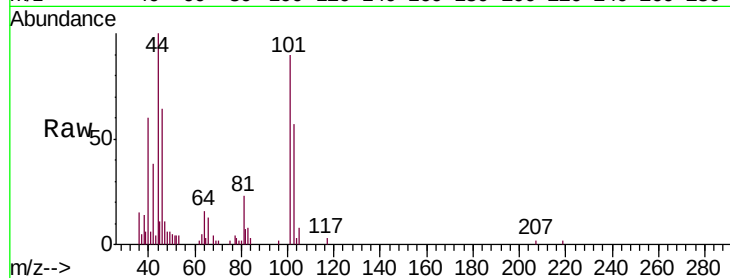
C0X72DL

Tgt Ion:101 Resp: 8154

Ion Ratio Lower Upper

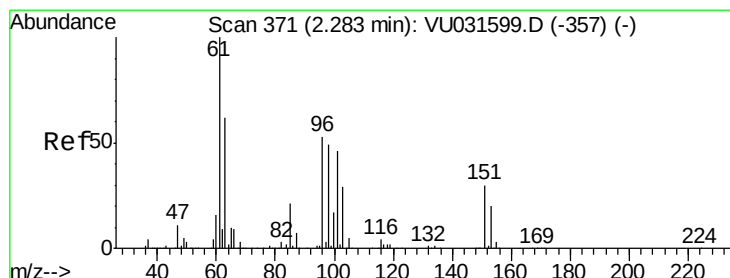
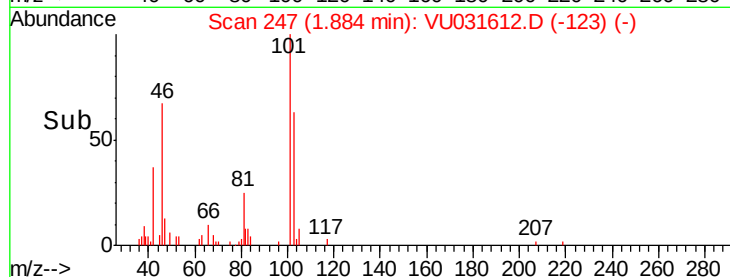
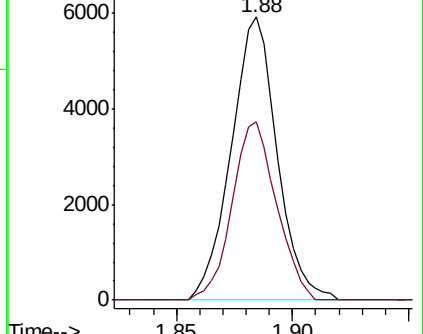
101 100

103 60.5 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.708 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031612.D

Acq: 30 Apr 2019 01:59

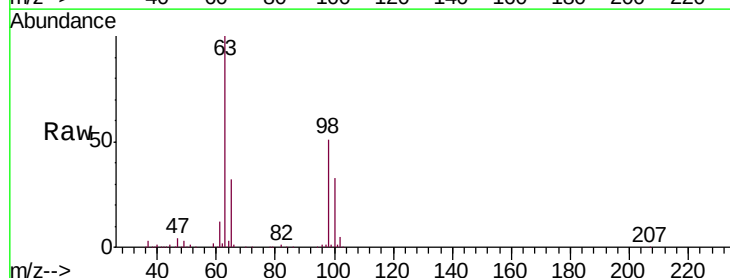
Tgt Ion:101 Resp: 3579

Ion Ratio Lower Upper

101 100

85 2.2 36.1 54.1#

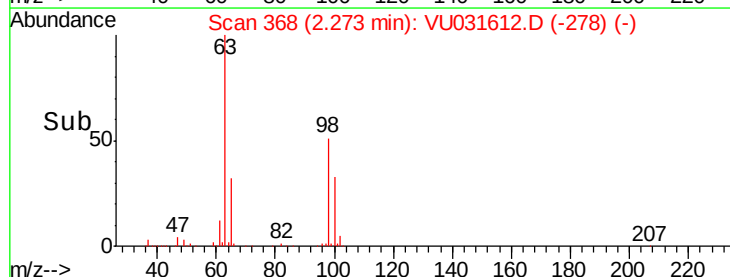
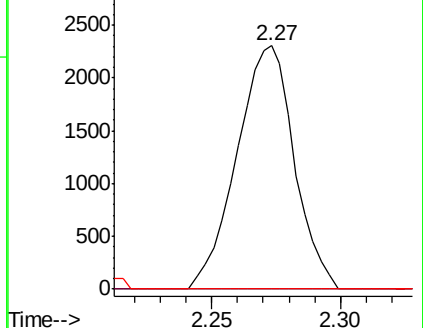
151 1.1 56.1 84.1#

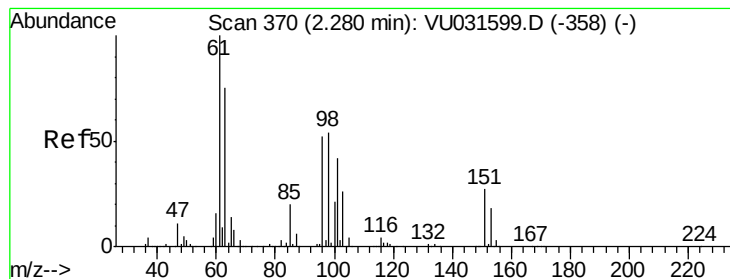


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.646 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031612.D

Acq: 30 Apr 2019 01:59

Instrument :

MSVOA_U

ClientSampleId :

C0X72DL

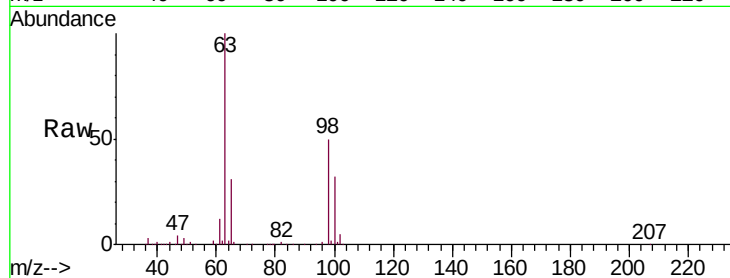
Tgt Ion: 96 Resp: 3179

Ion Ratio Lower Upper

96 100

61 1528.7 135.0 250.6#

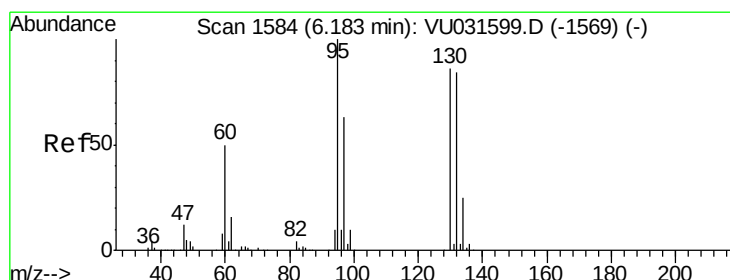
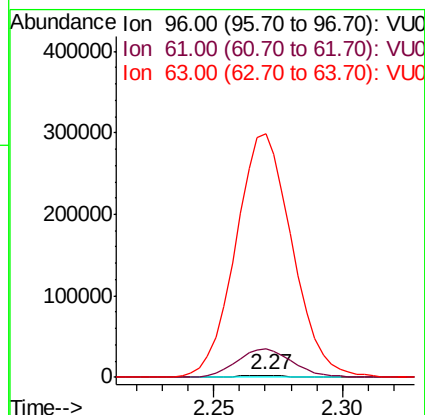
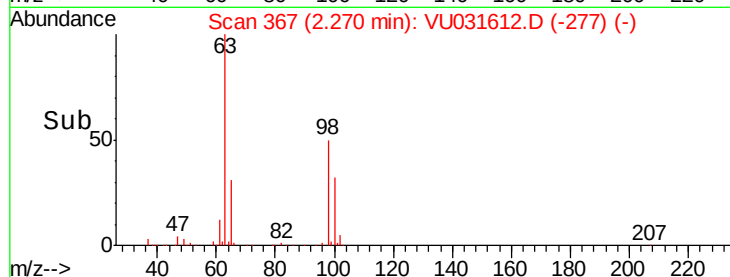
63 13257.1 103.5 192.3#



Abundance Ion 96.00 (95.70 to 96.70): VU031612.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU031612.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU031612.D (-277) (-)



#34

Trichloroethene

Concen: 80.721 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031612.D

Acq: 30 Apr 2019 01:59

Tgt Ion: 95 Resp: 441608

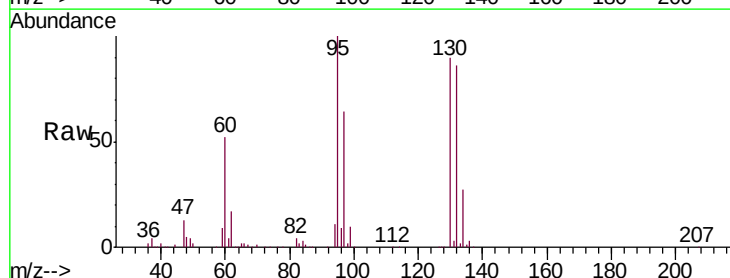
Ion Ratio Lower Upper

95 100

97 64.0 44.8 83.2

132 86.2 63.1 117.1

130 90.0 66.5 123.5

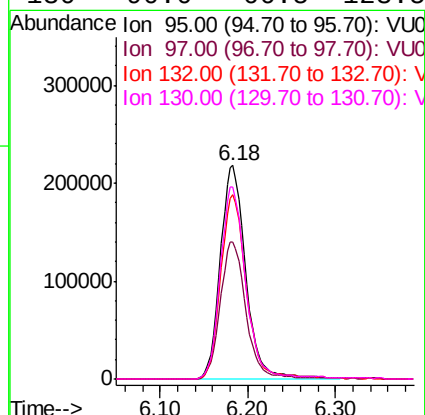
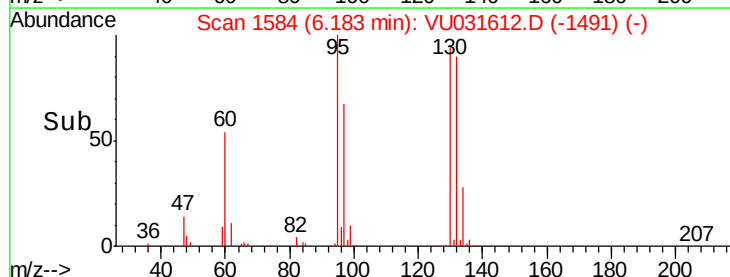


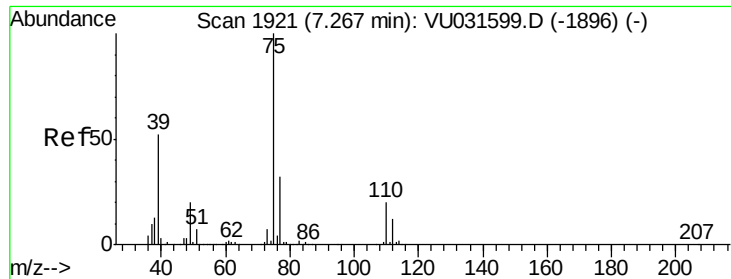
Abundance Ion 95.00 (94.70 to 95.70): VU031612.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU031612.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU031612.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU031612.D (-1491) (-)

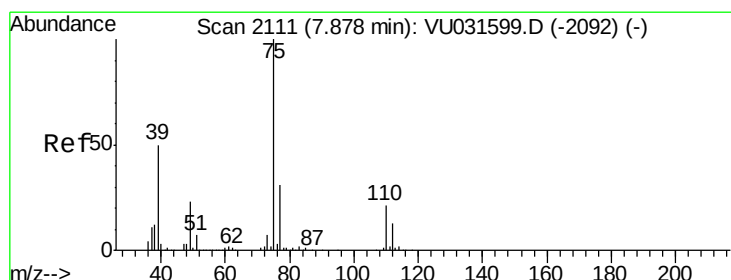
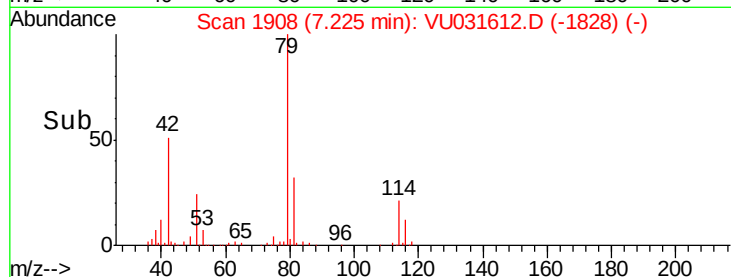
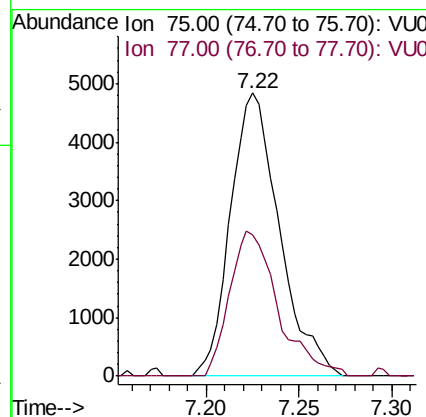
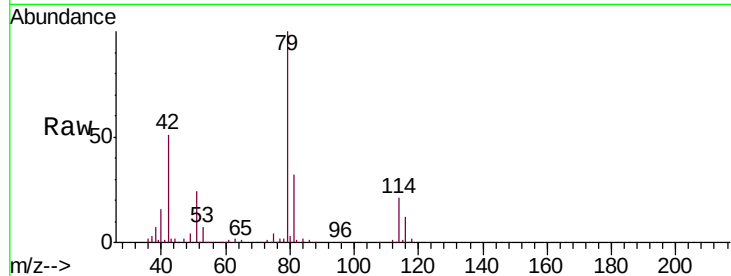




#39
 cis-1,3-Dichloropropene
 Concen: 1.050 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU031612.D
 Acq: 30 Apr 2019 01:59

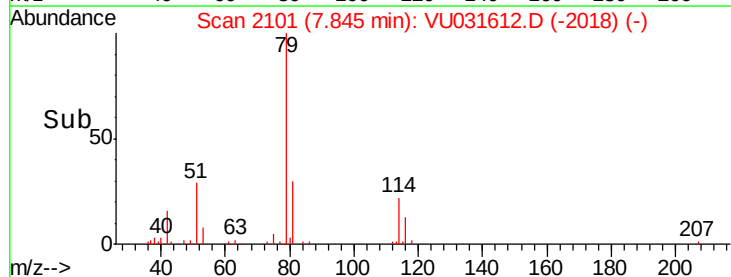
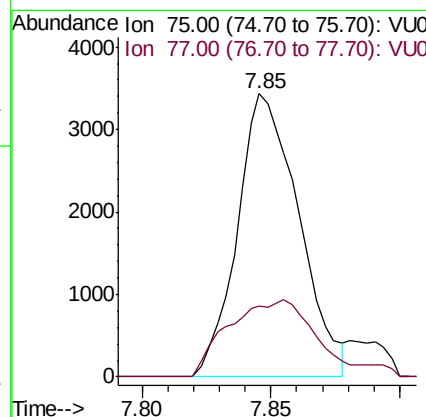
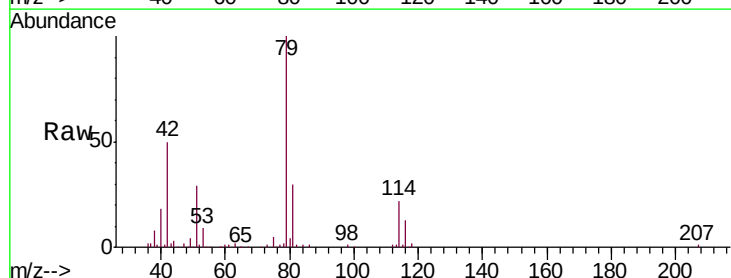
Instrument :
 MSVOA_U
 ClientSampled :
 C0X72DL

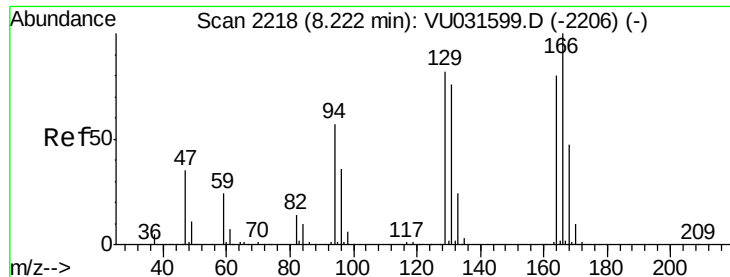
Tgt Ion: 75 Resp: 8889
 Ion Ratio Lower Upper
 75 100
 77 49.9 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.742 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU031612.D
 Acq: 30 Apr 2019 01:59

Tgt Ion: 75 Resp: 5701
 Ion Ratio Lower Upper
 75 100
 77 25.1 22.1 41.1





#46

Tetrachloroethene

Concen: 0.735 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031612.D

Acq: 30 Apr 2019 01:59

Instrument :

MSVOA_U

ClientSampleId :

C0X72DL

Tgt Ion:164 Resp: 2742

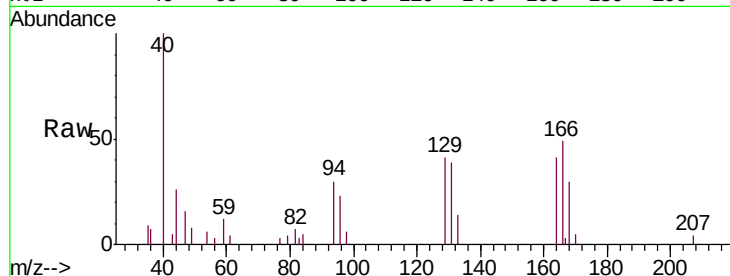
Ion Ratio Lower Upper

164 100

129 98.0 71.5 132.9

131 94.6 69.0 128.2

166 117.7 93.7 173.9

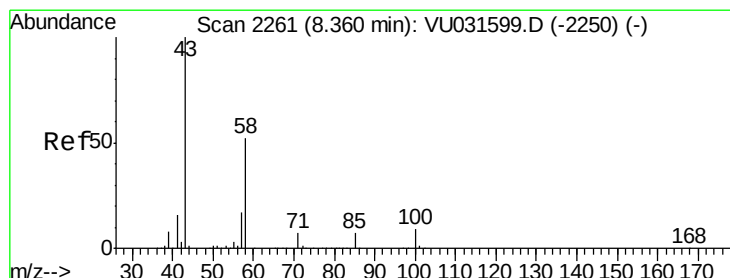
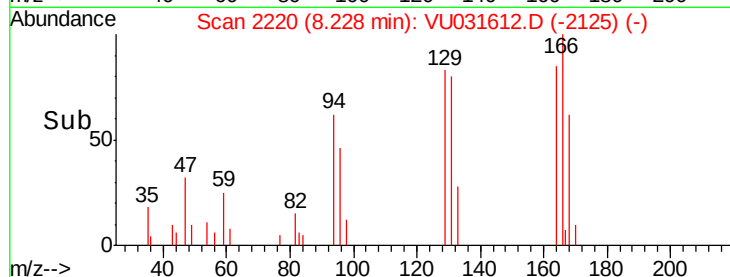
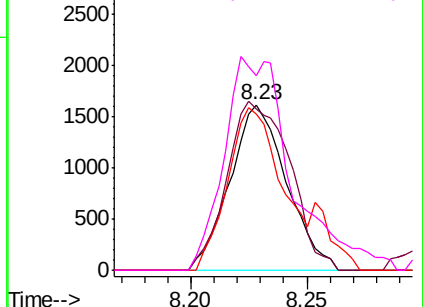


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 3.070 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU031612.D

Acq: 30 Apr 2019 01:59

Tgt Ion: 43 Resp: 24476

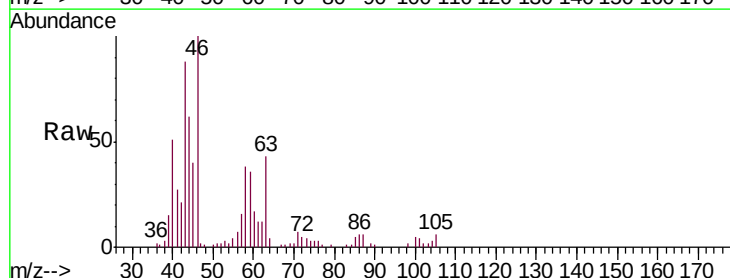
Ion Ratio Lower Upper

43 100

58 4.0 42.1 63.1#

57 0.9 14.6 22.0#

100 3.9 7.2 10.8#

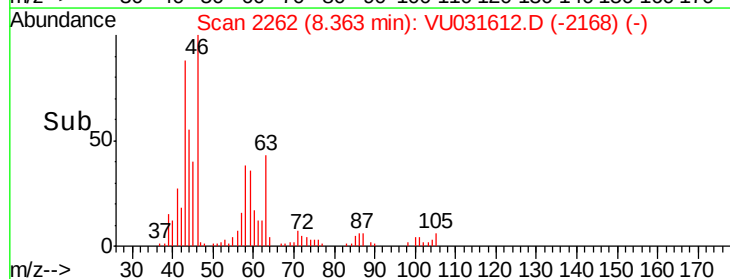
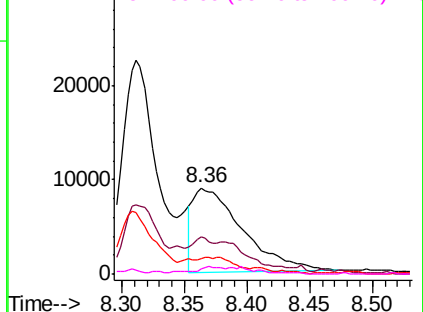


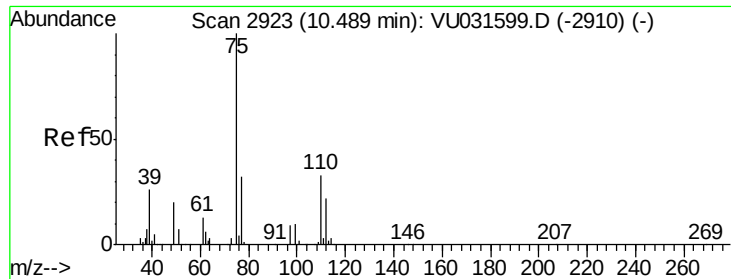
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.010 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031612.D

Acq: 30 Apr 2019 01:59

Instrument :

MSVOA_U

ClientSampleId :

C0X72DL

Tgt Ion: 75 Resp: 30462

Ion Ratio Lower Upper

75 100

77 37.1 25.9 38.9

