

Data File : VU031543.D
Acq On : 26 Apr 2019 19:36
Operator : JC/SP
Sample : K2536-17 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X05

Quant Time: Apr 27 00:25:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	883163	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	810055	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	336399	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	375561	50.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.62%
7) Chloroethane-d5	1.68	69	285440	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.94%
11) 1,1-Dichloroethene-d2	2.27	63	533940	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.54%
21) 2-Butanone-d5	4.19	46	666847	99.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.57%
24) Chloroform-d	4.80	84	497	0.04	ug/L	0.15
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.08%#
26) 1,2-Dichloroethane-d4	5.31	65	397552	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
32) Benzene-d6	5.34	84	1280481	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.96%
36) 1,2-Dichloropropane-d6	6.33	67	438704	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.26%
41) Toluene-d8	7.56	98	1090547	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%
43) trans-1,3-Dichloropropene-	7.85	79	177944	47.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.74%
47) 2-Hexanone-d5	8.31	63	438019	115.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	560293	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	358680	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

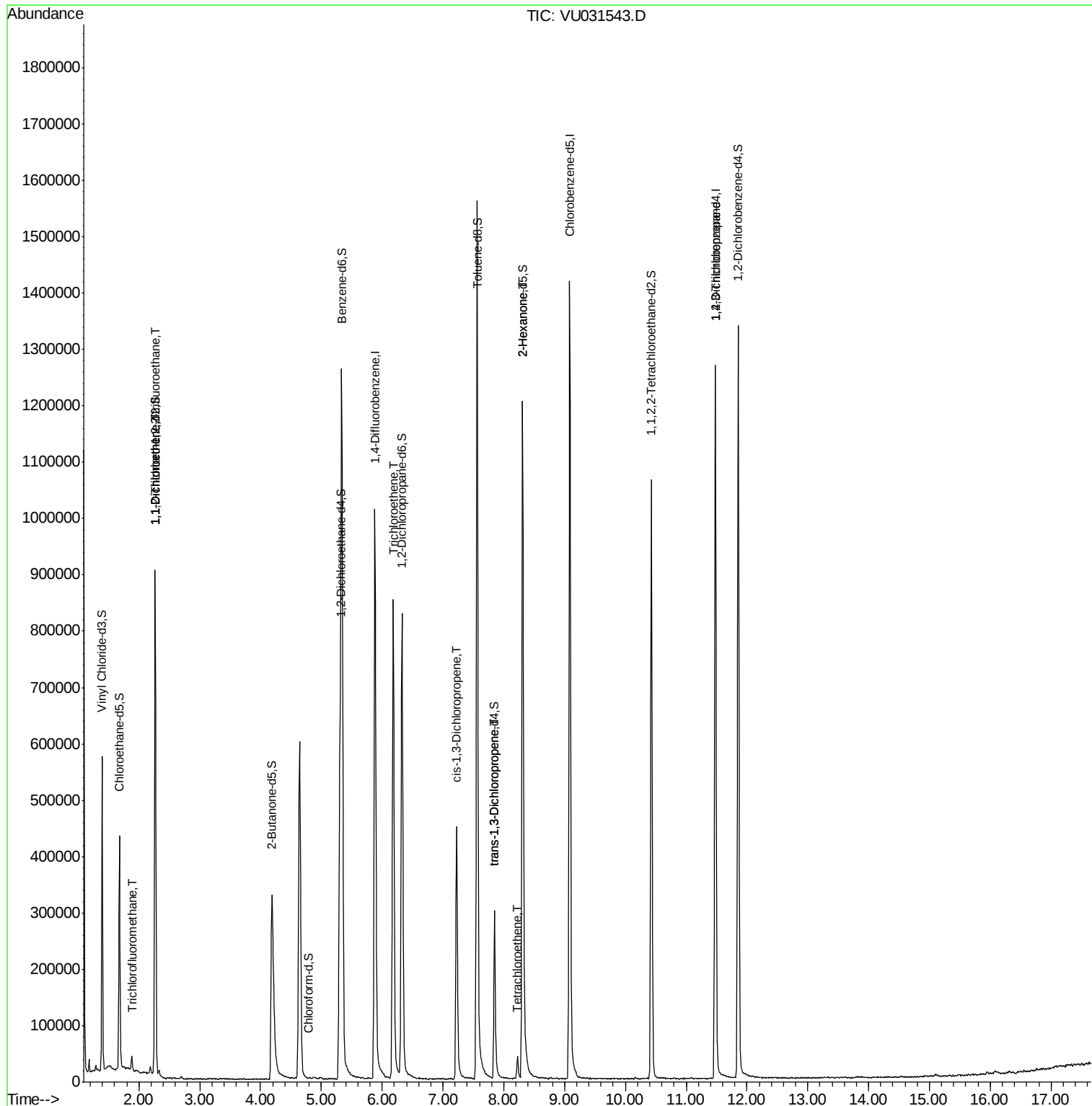
					Qvalue	
9) Trichlorofluoromethane	1.88	101	7029	0.561	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4992	0.705	ug/L #	25
12) 1,1-Dichloroethene	2.27	96	4233	0.614	ug/L #	1
34) Trichloroethene	6.18	95	324250	44.914	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	9815	0.879	ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	6766	0.668	ug/L	92
46) Tetrachloroethene	8.23	164	9440	1.918	ug/L	93
48) 2-Hexanone	8.31	43	52835	5.022	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	43249	4.314	ug/L	96

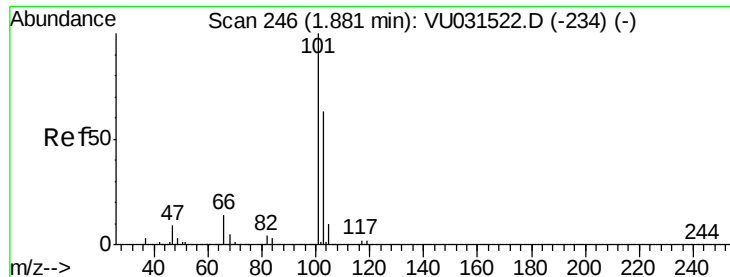
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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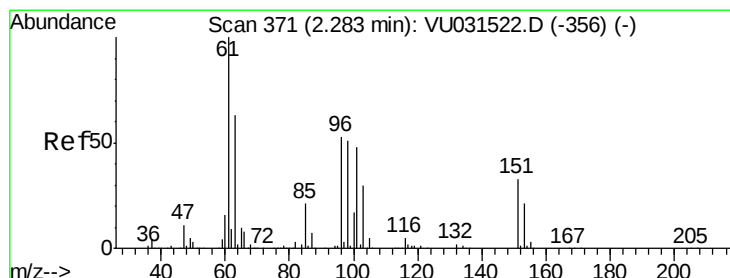
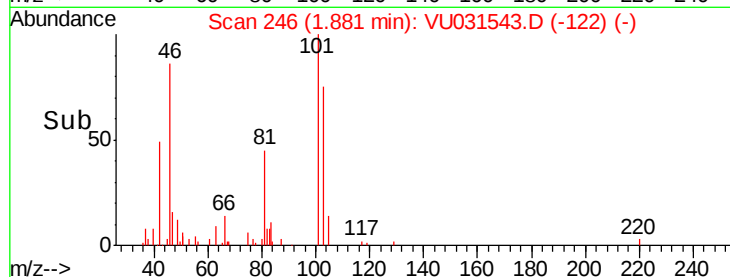
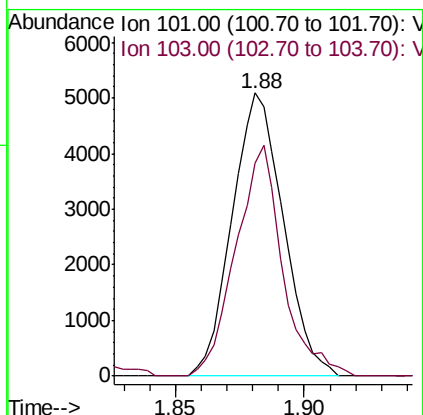
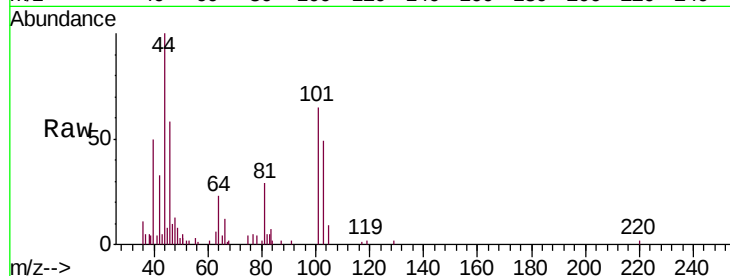


#9

Trichlorofluoromethane
 Concen: 0.561 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031543.D
 Acq: 26 Apr 2019 19:36

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X05

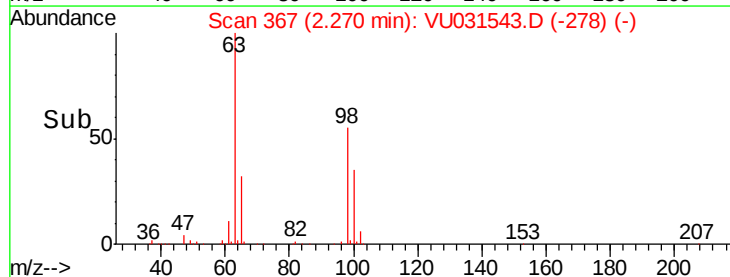
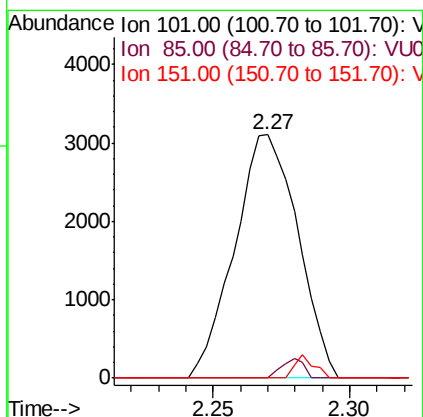
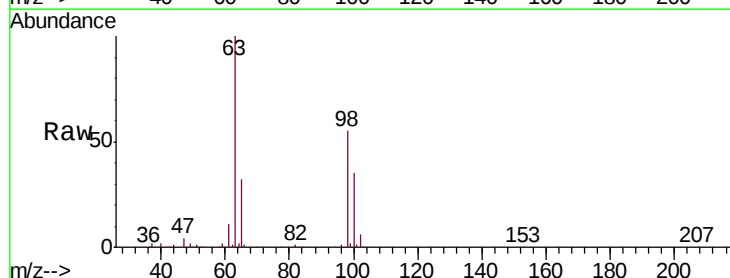
Tgt Ion:101 Resp: 7029
 Ion Ratio Lower Upper
 101 100
 103 74.4 50.8 76.2

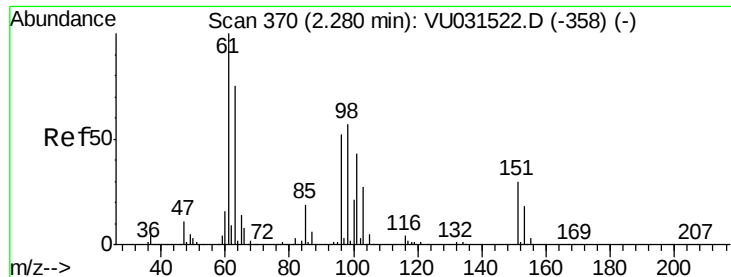


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.705 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031543.D
 Acq: 26 Apr 2019 19:36

Tgt Ion:101 Resp: 4992
 Ion Ratio Lower Upper
 101 100
 85 2.9 36.1 54.1#
 151 3.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.614 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031543.D

Acq: 26 Apr 2019 19:36

Instrument :

MSVOA_U

ClientSampleId :

C0X05

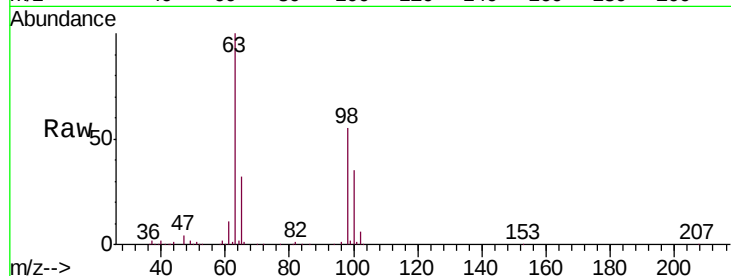
Tgt Ion: 96 Resp: 4233

Ion Ratio Lower Upper

96 100

61 1311.7 135.0 250.6#

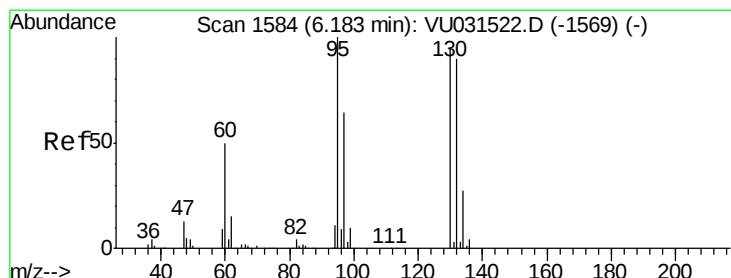
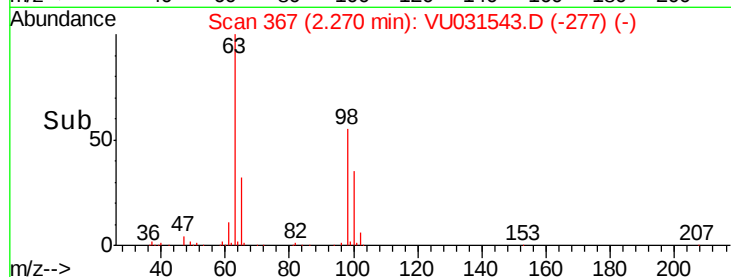
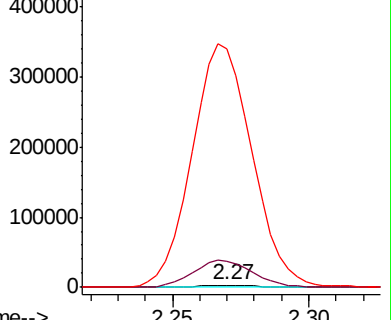
63 11948.2 103.5 192.3#



Abundance Ion 96.00 (95.70 to 96.70): VU031522.D (-358) (-)

Ion 61.00 (60.70 to 61.70): VU031522.D (-358) (-)

Ion 63.00 (62.70 to 63.70): VU031522.D (-358) (-)



#34

Trichloroethene

Concen: 44.914 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031543.D

Acq: 26 Apr 2019 19:36

Tgt Ion: 95 Resp: 324250

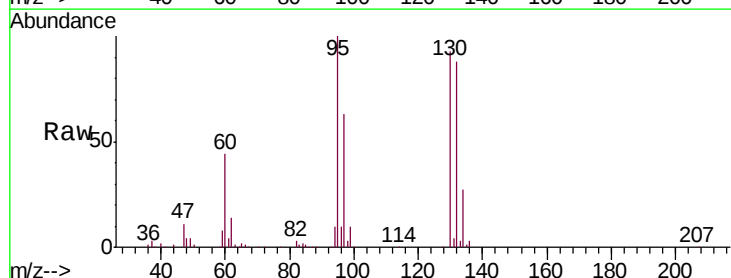
Ion Ratio Lower Upper

95 100

97 62.8 44.8 83.2

132 87.6 63.1 117.1

130 92.9 66.5 123.5

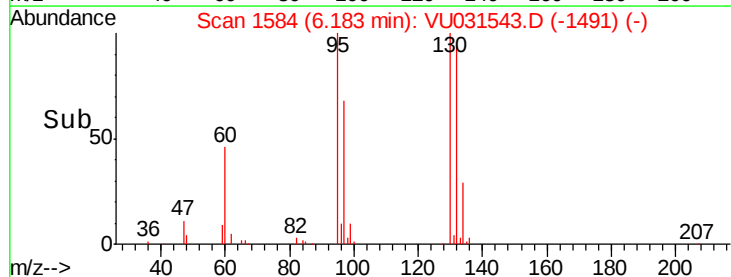
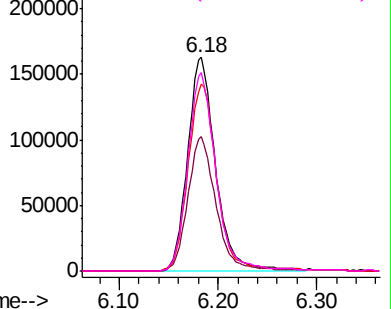


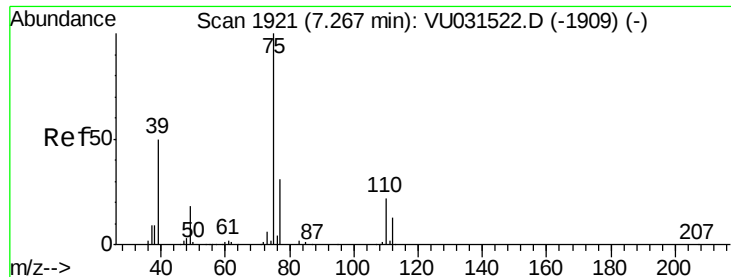
Abundance Ion 95.00 (94.70 to 95.70): VU031522.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031522.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031522.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031522.D (-1569) (-)

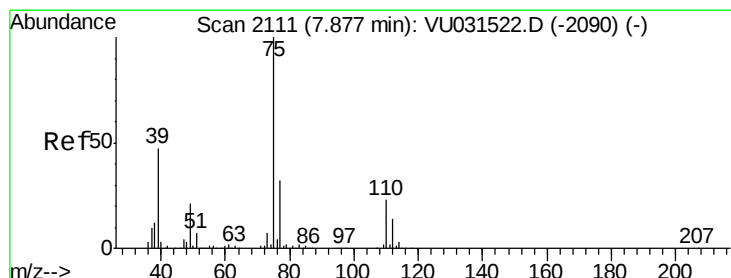
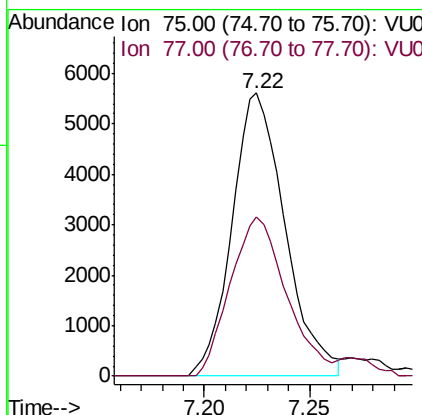
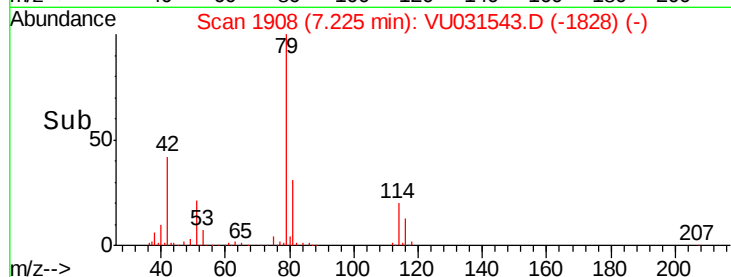
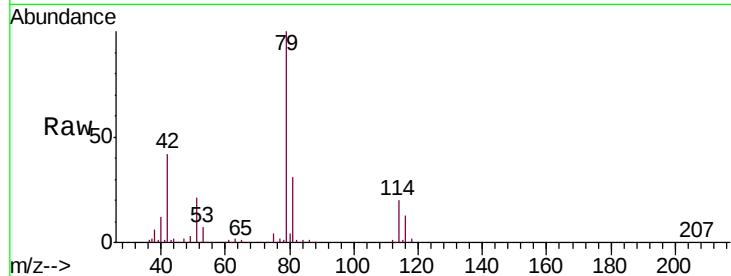




#39
 cis-1,3-Dichloropropene
 Concen: 0.879 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU031543.D
 Acq: 26 Apr 2019 19:36

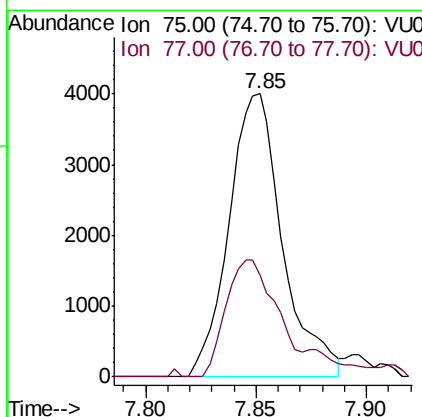
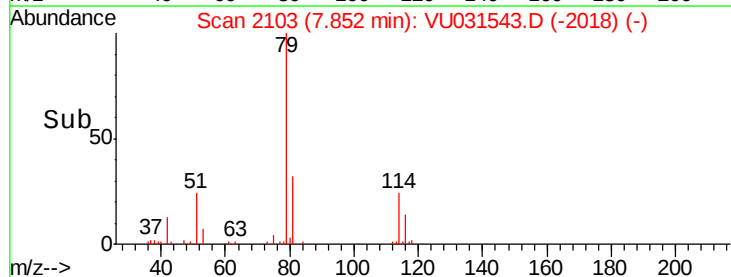
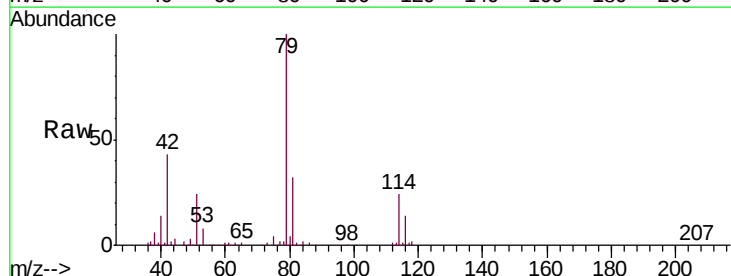
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X05

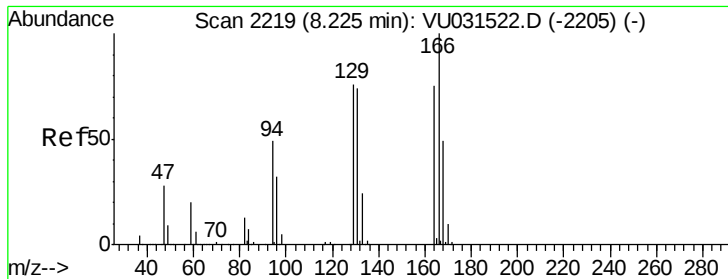
Tgt Ion: 75 Resp: 9815
 Ion Ratio Lower Upper
 75 100
 77 56.3 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.668 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: VU031543.D
 Acq: 26 Apr 2019 19:36

Tgt Ion: 75 Resp: 6766
 Ion Ratio Lower Upper
 75 100
 77 35.9 22.1 41.1





#46

Tetrachloroethene

Concen: 1.918 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU031543.D

Acq: 26 Apr 2019 19:36

Instrument :

MSVOA_U

ClientSampleId :

C0X05

Tgt Ion:164 Resp: 9440

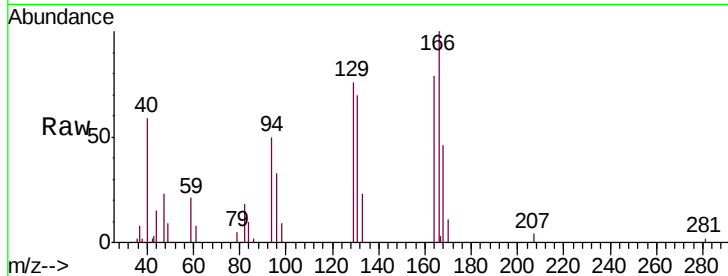
Ion Ratio Lower Upper

164 100

129 96.6 71.5 132.9

131 89.2 69.0 128.2

166 127.2 93.7 173.9

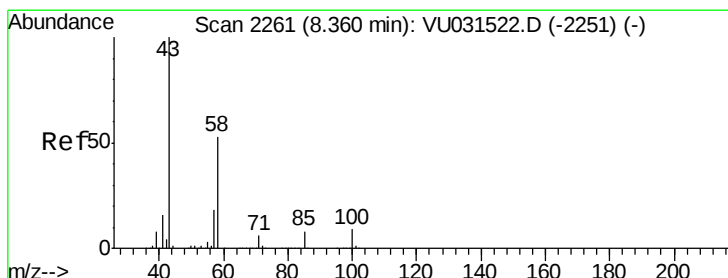
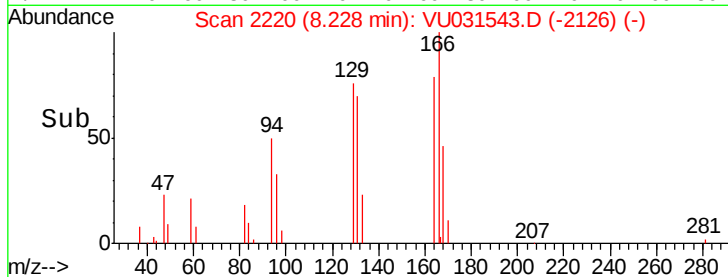
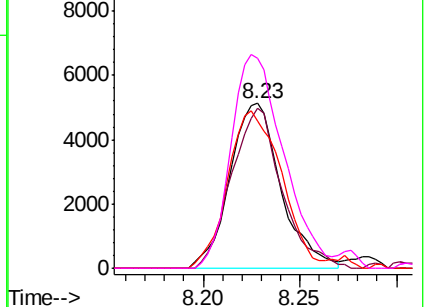


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.022 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031543.D

Acq: 26 Apr 2019 19:36

Tgt Ion: 43 Resp: 52835

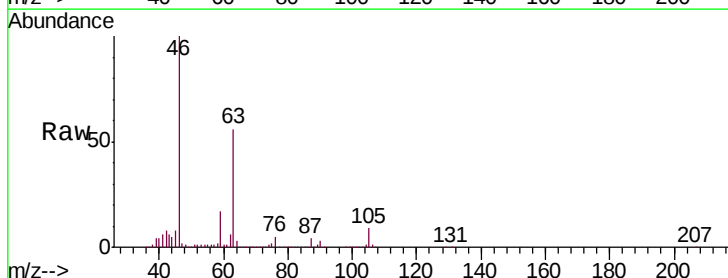
Ion Ratio Lower Upper

43 100

58 31.6 42.1 63.1#

57 23.9 14.6 22.0#

100 0.5 7.2 10.8#

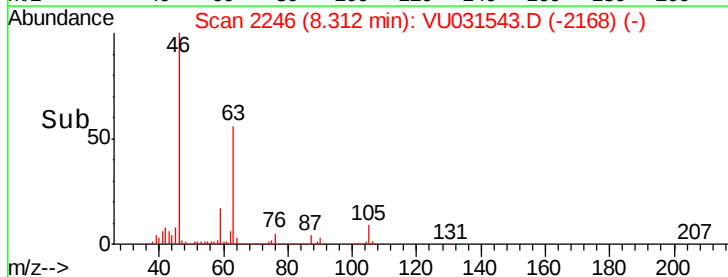
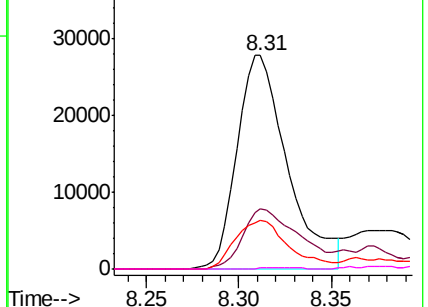


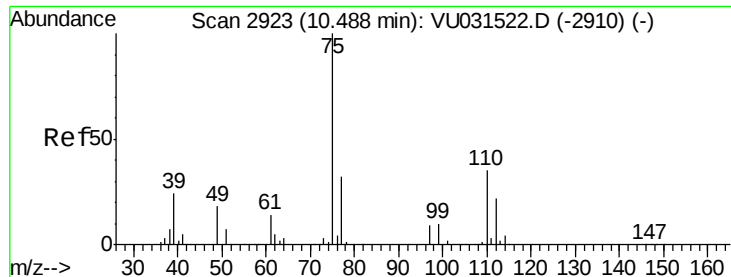
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 4.314 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031543.D

Acq: 26 Apr 2019 19:36

Instrument :

MSVOA_U

ClientSampleId :

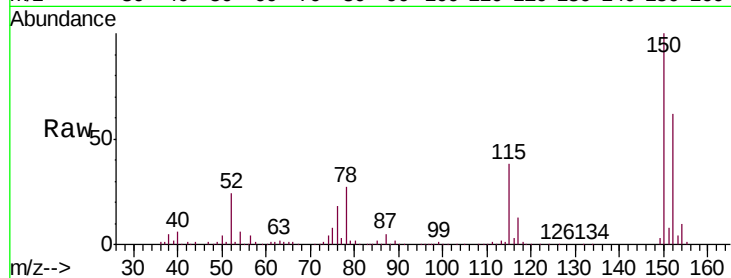
C0X05

Tgt Ion: 75 Resp: 43249

Ion Ratio Lower Upper

75 100

77 34.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

