

Data File : VU031568.D
Acq On : 27 Apr 2019 06:05
Operator : JC/SP
Sample : K2593-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB2

Quant Time: Apr 29 01:03:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 29 01:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	806018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	763748	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	285874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	348798	51.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.42%
7) Chloroethane-d5	1.68	69	278839	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.98%
11) 1,1-Dichloroethene-d2	2.27	63	513656	38.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.48%
21) 2-Butanone-d5	4.19	46	663650	108.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.58%
24) Chloroform-d	4.84	84	313	0.03	ug/L	0.19
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.06%#
26) 1,2-Dichloroethane-d4	5.31	65	411487	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.96%
32) Benzene-d6	5.34	84	1217457	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
36) 1,2-Dichloropropane-d6	6.32	67	429830	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.18%
41) Toluene-d8	7.56	98	1019356	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.85	79	162935	46.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.00%
47) 2-Hexanone-d5	8.31	63	405510	113.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	543057	49.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	321097	53.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.82%

Target Compounds

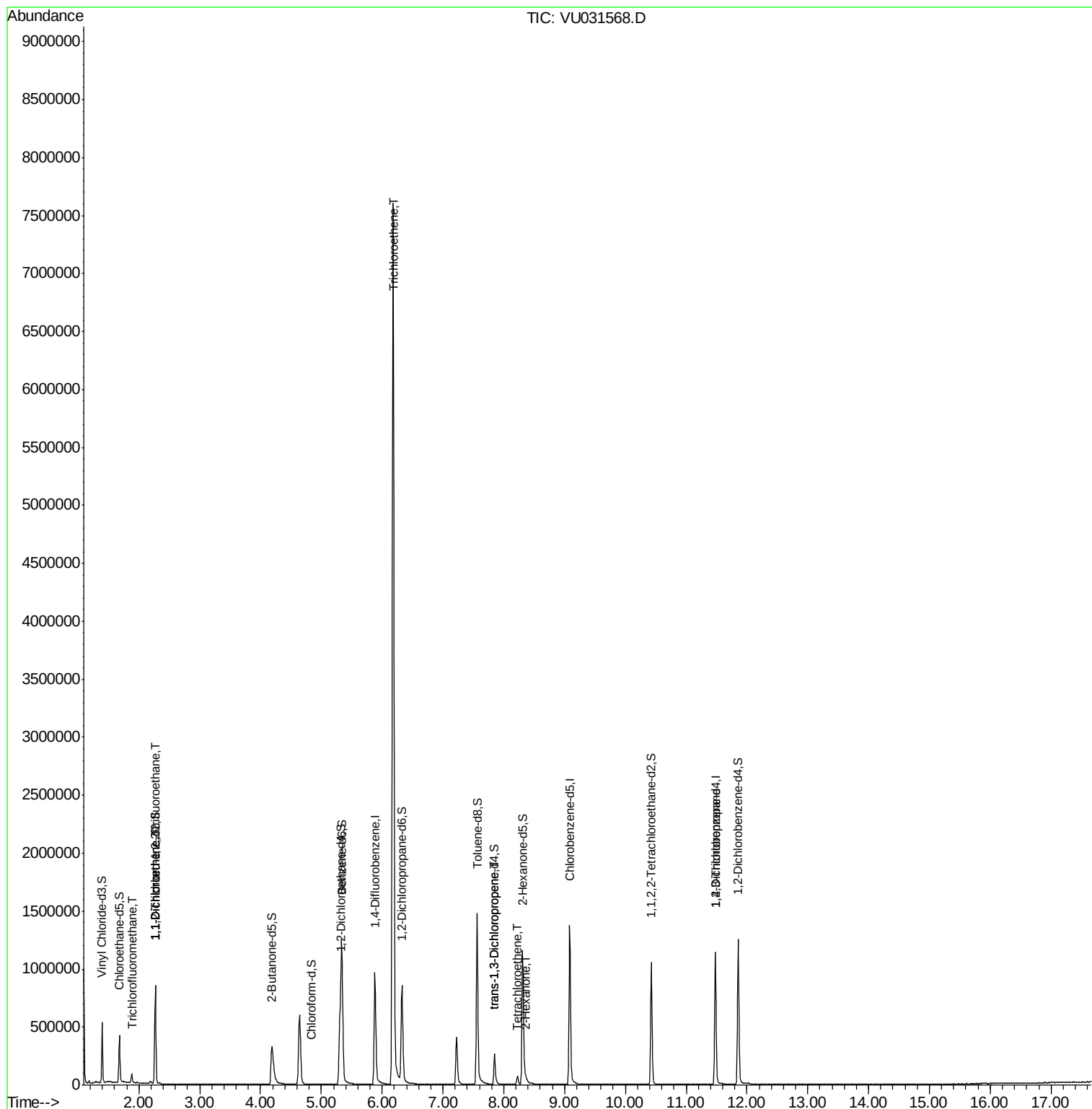
						Qvalue
9) Trichlorofluoromethane	1.88	101	40254	3.522	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4070	0.630	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	4080	0.649	ug/L #	1
34) Trichloroethene	6.18	95	2843419	417.740	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	6097	0.638	ug/L #	74
46) Tetrachloroethene	8.22	164	16482	3.552	ug/L	96
48) 2-Hexanone	8.37	43	20849	2.102	ug/L #	56
59) 1,2,3-Trichloropropane	11.48	75	39114	4.138	ug/L	92

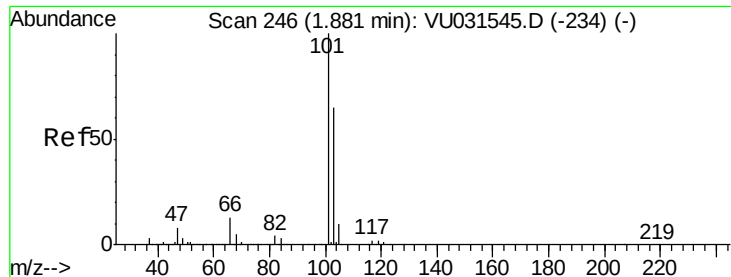
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 29 01:00:30 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 3.522 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

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Acq: 27 Apr 2019 06:05

Instrument :

MSVOA_U

ClientSampleId :

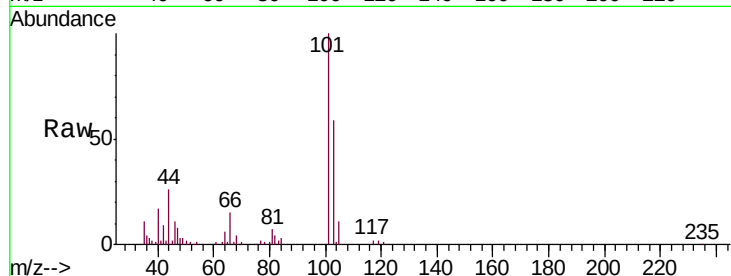
C0XB2

Tgt Ion:101 Resp: 40254

Ion Ratio Lower Upper

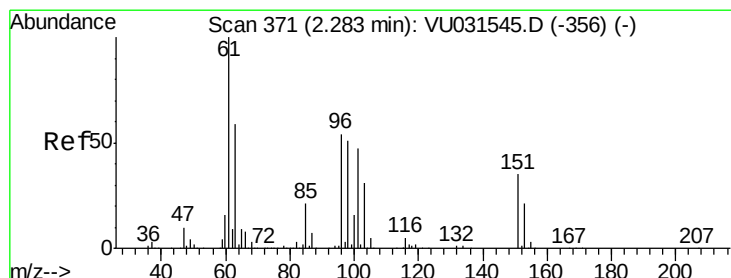
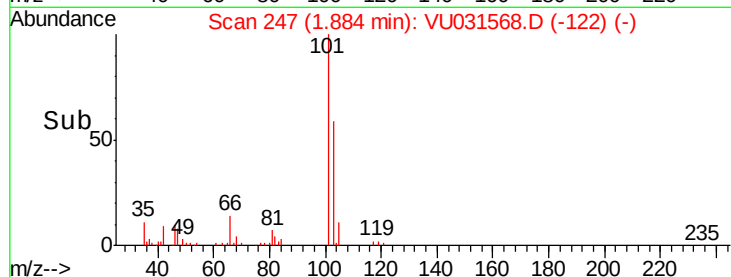
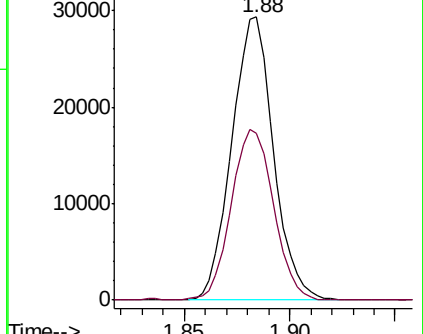
101 100

103 61.1 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: 0.630 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031568.D

Acq: 27 Apr 2019 06:05

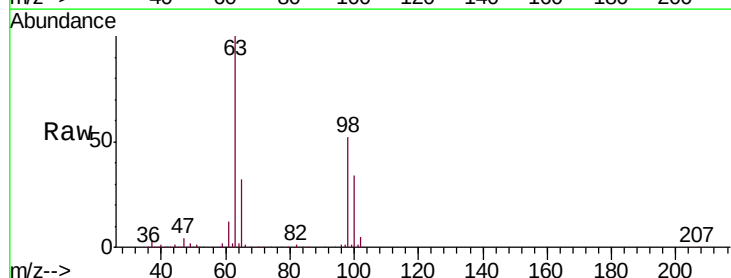
Tgt Ion:101 Resp: 4070

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

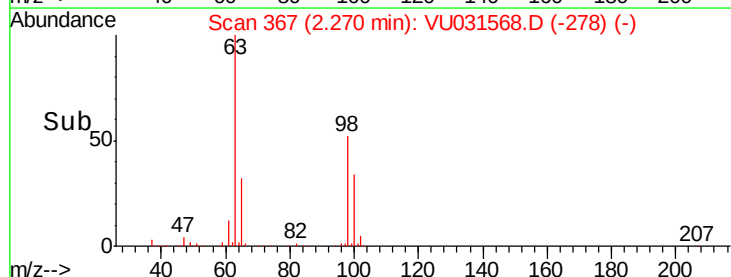
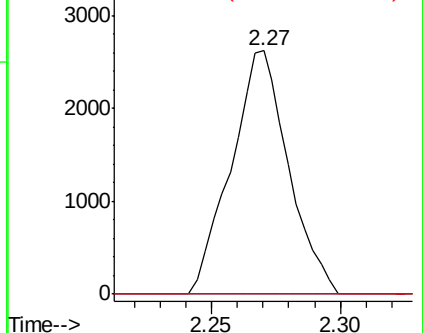
151 1.1 56.1 84.1#

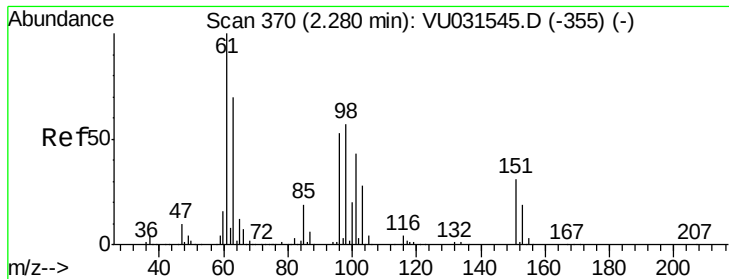


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.649 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031568.D

Acq: 27 Apr 2019 06:05

Instrument :

MSVOA_U

ClientSampleId :

C0XB2

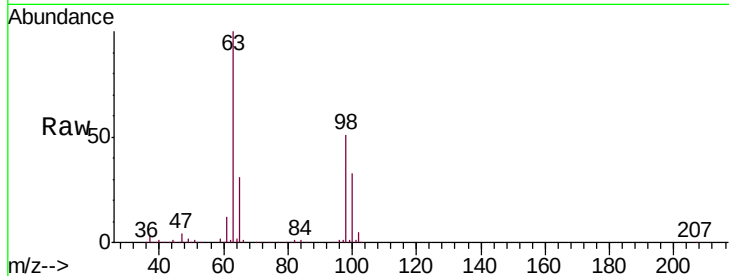
Tgt Ion: 96 Resp: 4080

Ion Ratio Lower Upper

96 100

61 1353.9 135.0 250.6#

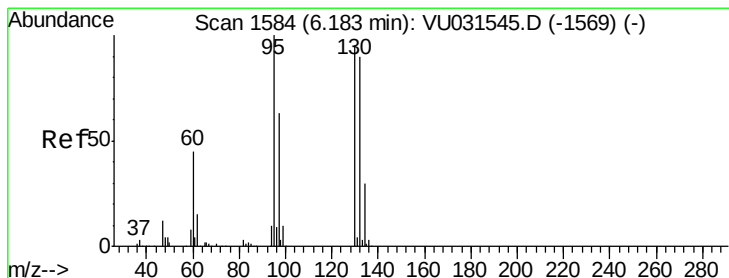
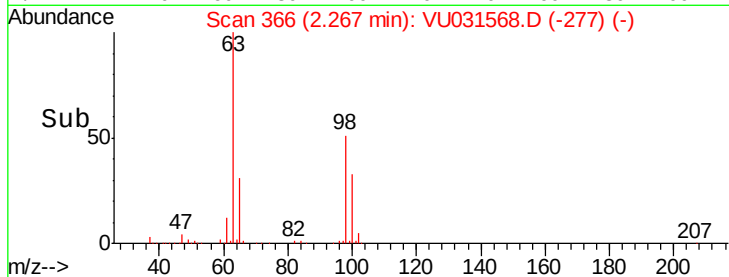
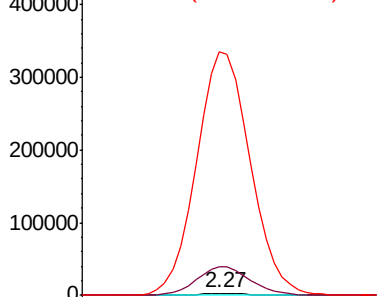
63 11593.1 103.5 192.3#



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



#34

Trichloroethene

Concen: 417.740 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031568.D

Acq: 27 Apr 2019 06:05

Tgt Ion: 95 Resp: 2843419

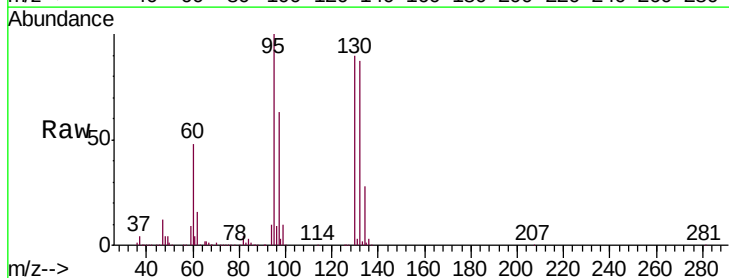
Ion Ratio Lower Upper

95 100

97 63.5 44.8 83.2

132 87.0 63.1 117.1

130 90.0 66.5 123.5

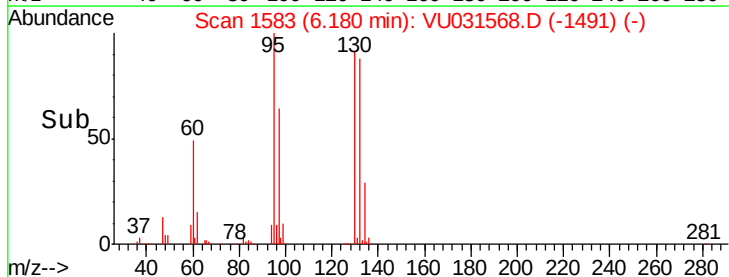
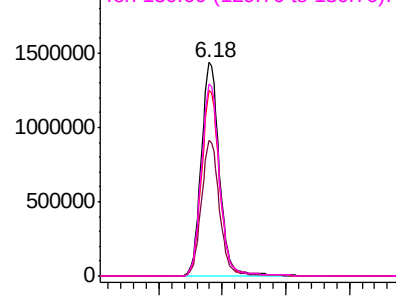


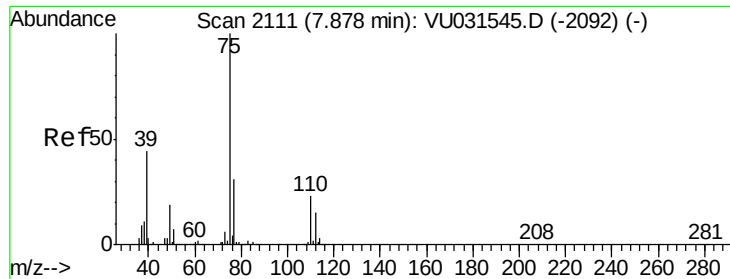
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.638 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031568.D

Acq: 27 Apr 2019 06:05

Instrument :

MSVOA_U

ClientSampleId :

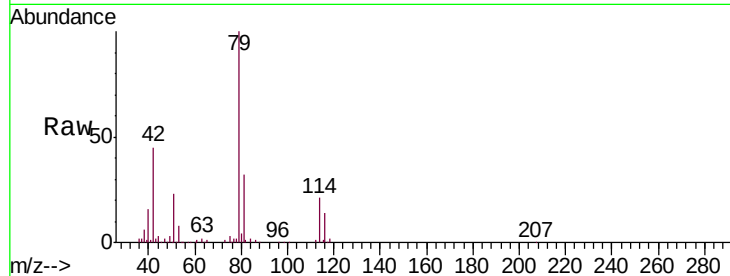
C0XB2

Tgt Ion: 75 Resp: 6097

Ion Ratio Lower Upper

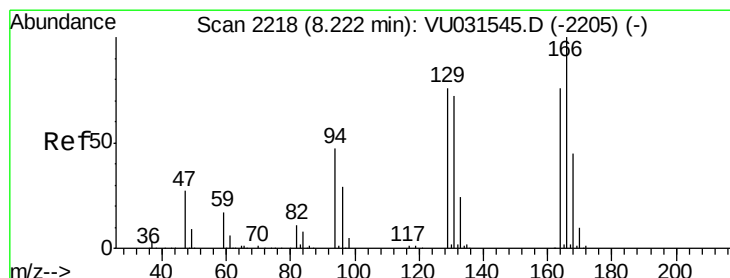
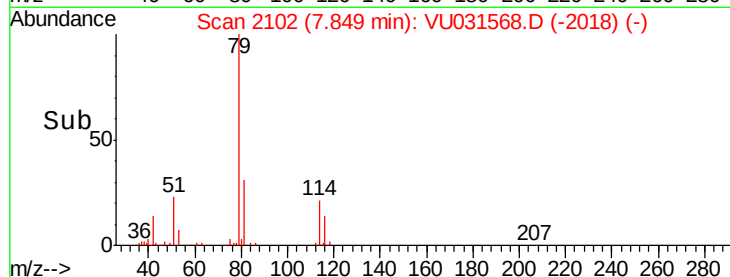
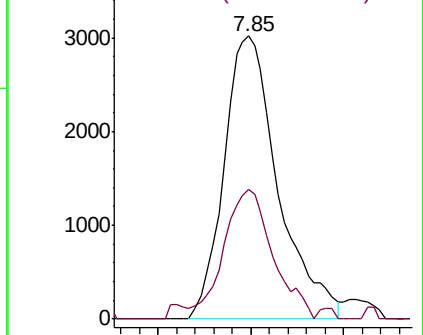
75 100

77 45.7 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031545.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031545.D (-2092) (-)



#46

Tetrachloroethene

Concen: 3.552 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031568.D

Acq: 27 Apr 2019 06:05

Tgt Ion: 164 Resp: 16482

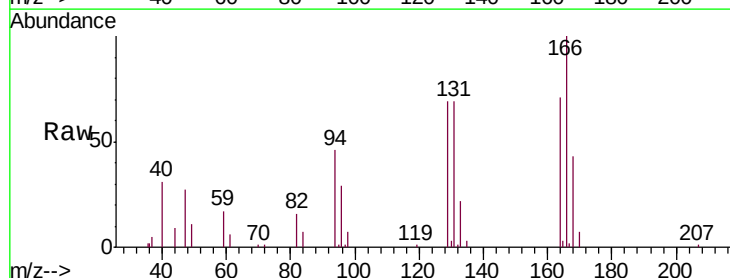
Ion Ratio Lower Upper

164 100

129 98.2 71.5 132.9

131 97.9 69.0 128.2

166 141.5 93.7 173.9

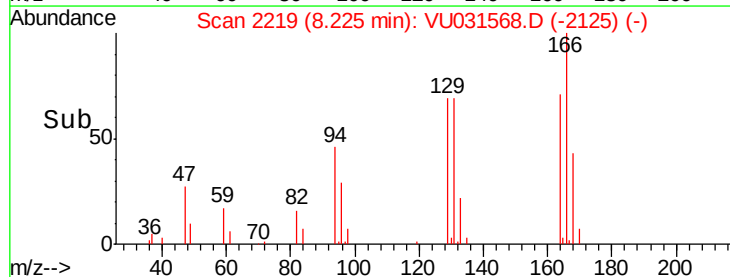
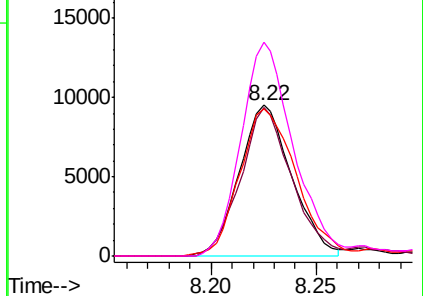


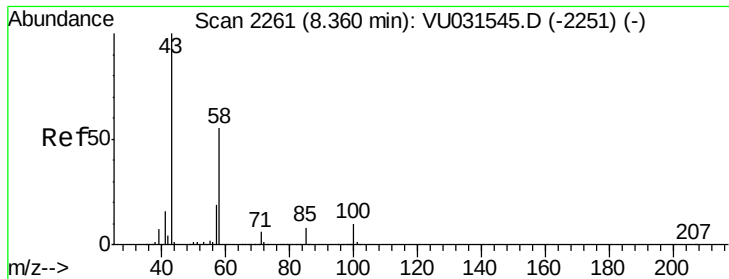
Abundance Ion 164.00 (163.70 to 164.70): VU031545.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031545.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031545.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031545.D (-2205) (-)

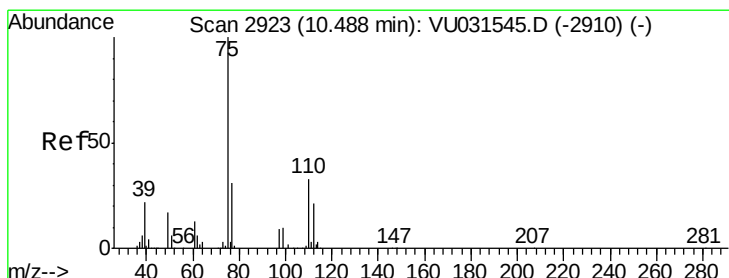
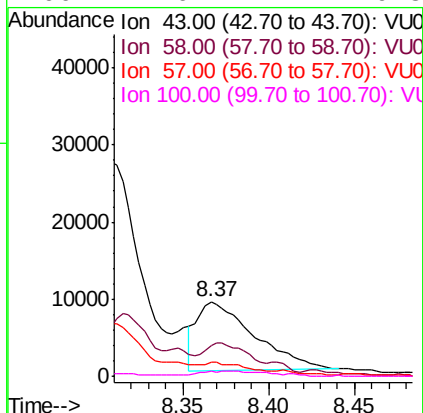
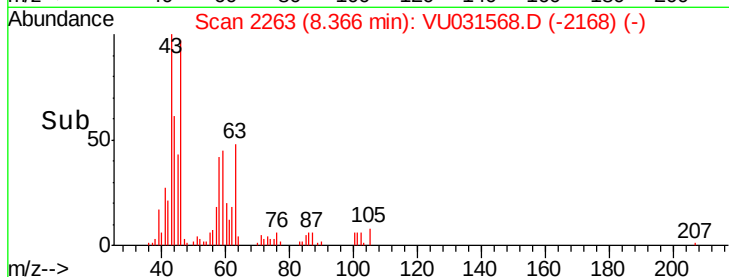
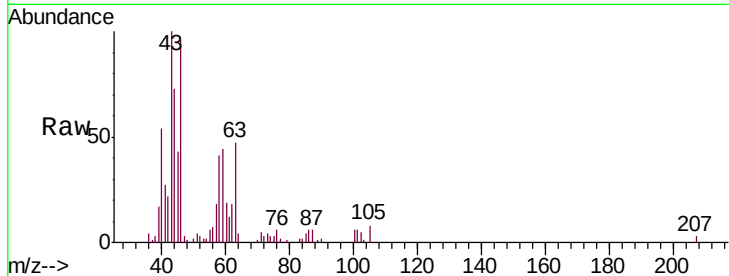




#48
2-Hexanone
Concen: 2.102 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
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Instrument :
MSVOA_U
ClientSampleId :
C0XB2

Tgt Ion: 43 Resp: 20849
Ion Ratio Lower Upper
43 100
58 18.1 42.1 63.1#
57 0.0 14.6 22.0#
100 1.6 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 4.138 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031568.D
Acq: 27 Apr 2019 06:05

Tgt Ion: 75 Resp: 39114
Ion Ratio Lower Upper
75 100
77 36.8 25.9 38.9

