

Data File : VU031552.D
Acq On : 26 Apr 2019 23:53
Operator : JC/SP
Sample : K2592-04 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0WZ5

Quant Time: Apr 27 03:31:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	827559	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	766742	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	304612	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	370522	53.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.00%
7) Chloroethane-d5	1.68	69	286710	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.14%
11) 1,1-Dichloroethene-d2	2.27	63	530282	38.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.90%
21) 2-Butanone-d5	4.18	46	676487	107.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.80%
24) Chloroform-d	4.64	84	607276	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
26) 1,2-Dichloroethane-d4	5.31	65	407199	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
32) Benzene-d6	5.34	84	1279479	54.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.68%
36) 1,2-Dichloropropane-d6	6.32	67	442635	53.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.88%
41) Toluene-d8	7.56	98	1075593	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%
43) trans-1,3-Dichloropropene-	7.85	79	175072	49.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.48%
47) 2-Hexanone-d5	8.31	63	426613	118.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	553790	49.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.64%
64) 1,2-Dichlorobenzene-d4	11.85	152	339909	53.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.12%

Target Compounds

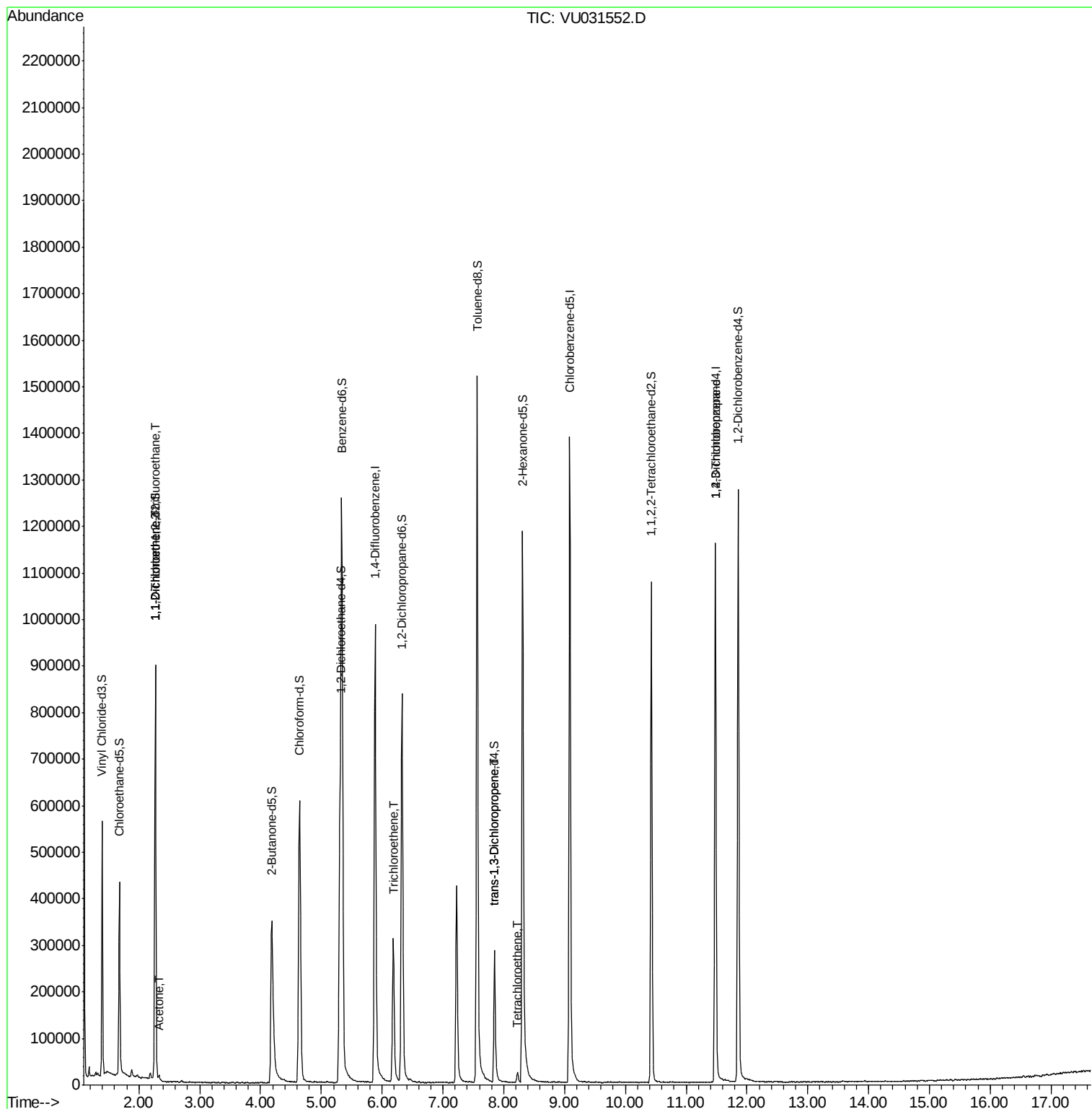
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4595	0.693 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3682	0.570 ug/L #	1
13) Acetone	2.33	43	3469	0.491 ug/L	78
34) Trichloroethene	6.18	95	115181	16.856 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	7022	0.732 ug/L	90
46) Tetrachloroethene	8.23	164	4983	1.070 ug/L	85
59) 1,2,3-Trichloropropane	11.48	75	39375	4.150 ug/L	93

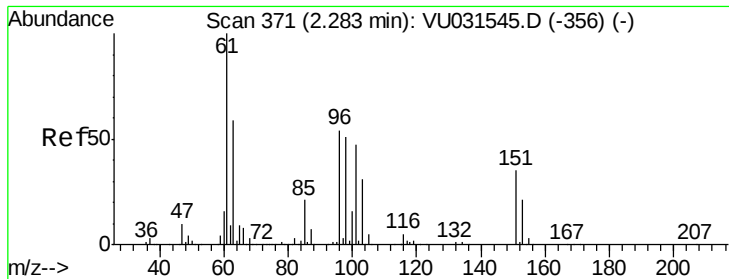
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.693 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Acq: 26 Apr 2019 23:53

Instrument :

MSVOA_U

ClientSampleId :

C0WZ5

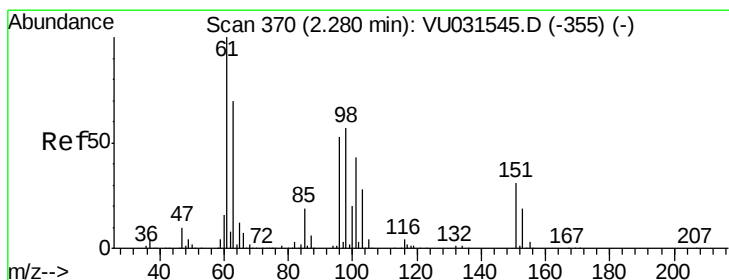
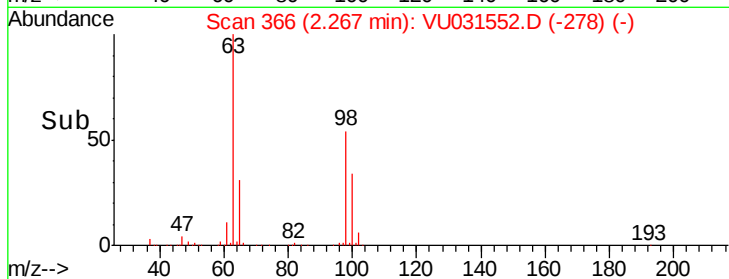
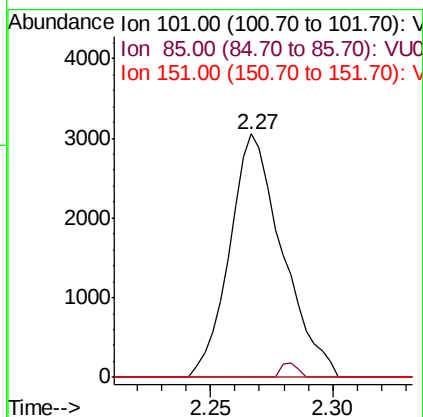
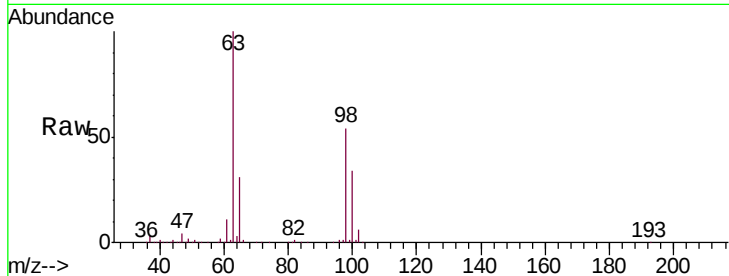
Tgt Ion:101 Resp: 4595

Ion Ratio Lower Upper

101 100

85 1.9 36.1 54.1#

151 0.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.570 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031552.D

Acq: 26 Apr 2019 23:53

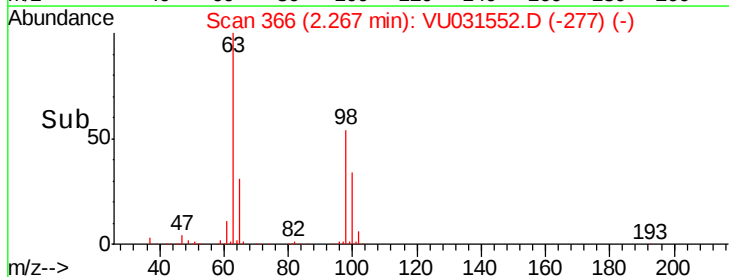
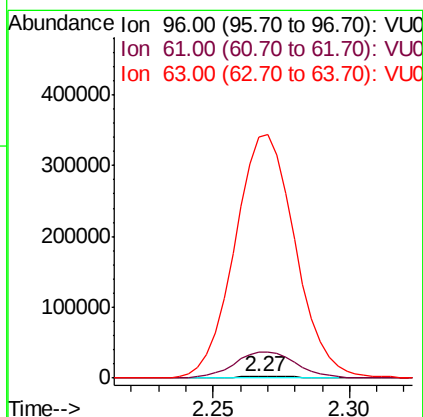
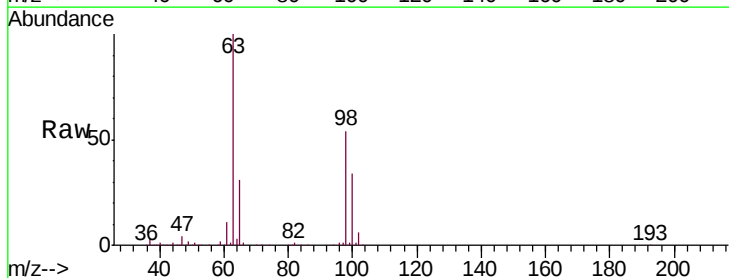
Tgt Ion: 96 Resp: 3682

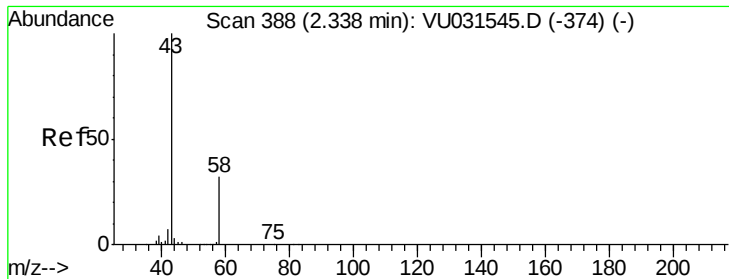
Ion Ratio Lower Upper

96 100

61 1622.0 135.0 250.6#

63 14852.1 103.5 192.3#





#13

Acetone

Concen: 0.491 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.01 min

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ClientSampleId :

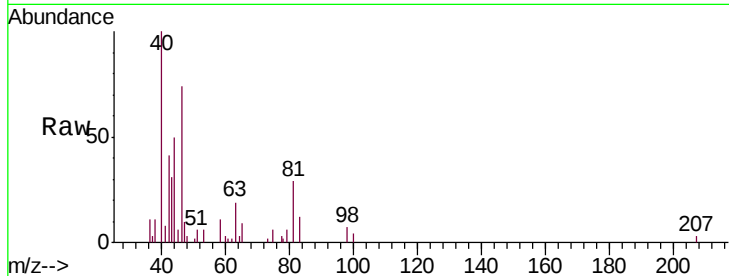
C0WZ5

Tgt Ion: 43 Resp: 3469

Ion Ratio Lower Upper

43 100

58 19.7 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031545.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031545.D (-374) (-)

2.33

1500

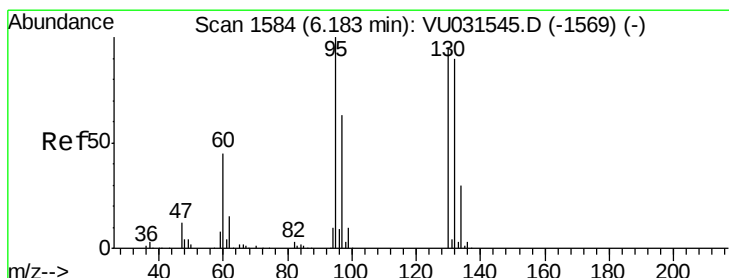
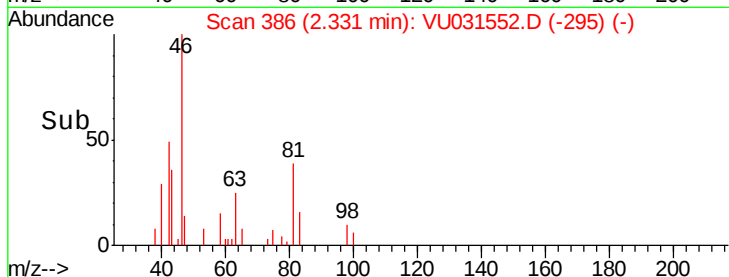
1000

500

0

2.25 2.30 2.35 2.40

Time-->



#34

Trichloroethene

Concen: 16.856 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031552.D

Acq: 26 Apr 2019 23:53

Tgt Ion: 95 Resp: 115181

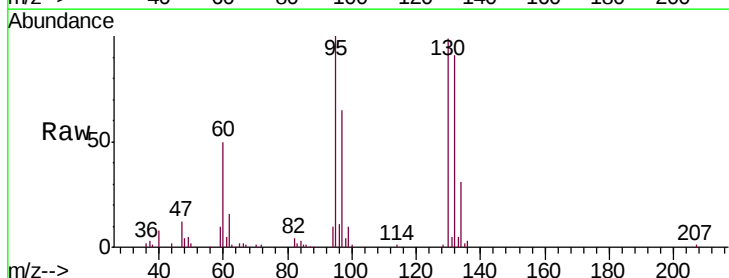
Ion Ratio Lower Upper

95 100

97 65.5 44.8 83.2

132 91.4 63.1 117.1

130 99.0 66.5 123.5



Abundance Ion 95.00 (94.70 to 95.70): VU031545.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031545.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031545.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031545.D (-1569) (-)

6.18

80000

60000

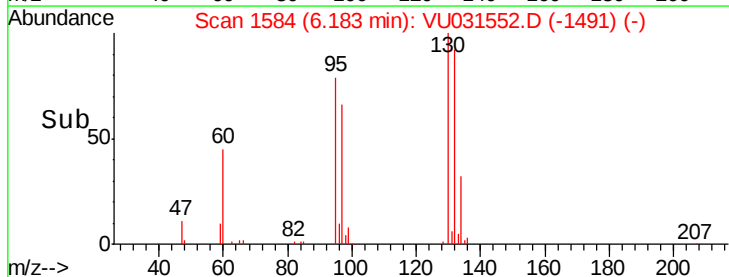
40000

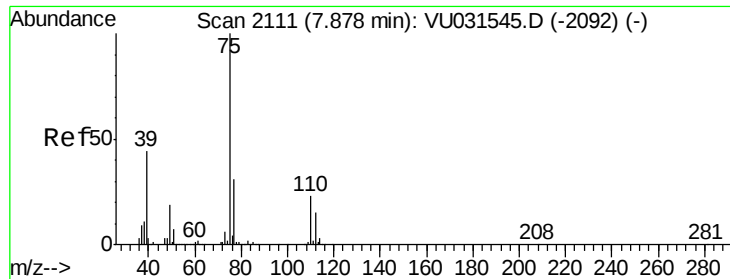
20000

0

6.10 6.15 6.20 6.25 6.30

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.732 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031552.D

Acq: 26 Apr 2019 23:53

Instrument :

MSVOA_U

ClientSampleId :

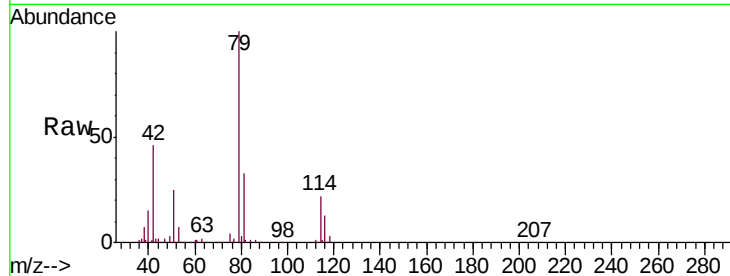
C0WZ5

Tgt Ion: 75 Resp: 7022

Ion Ratio Lower Upper

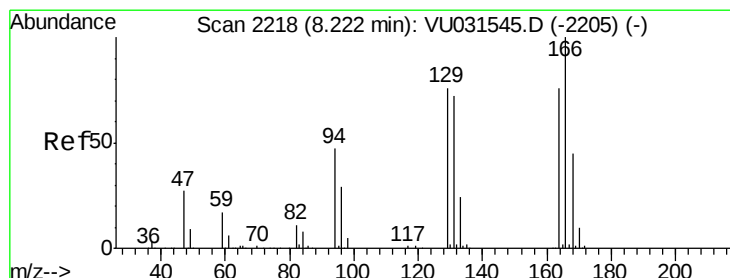
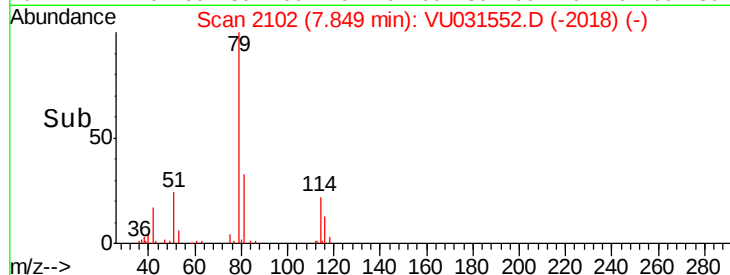
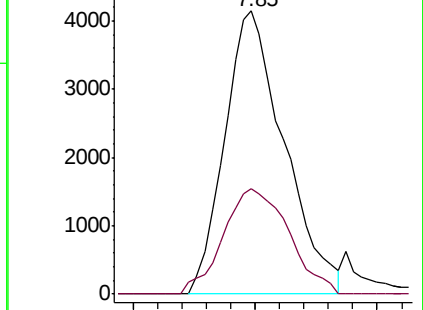
75 100

77 37.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031552.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU031552.D (-2102) (-)



#46

Tetrachloroethene

Concen: 1.070 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031552.D

Acq: 26 Apr 2019 23:53

Tgt Ion:164 Resp: 4983

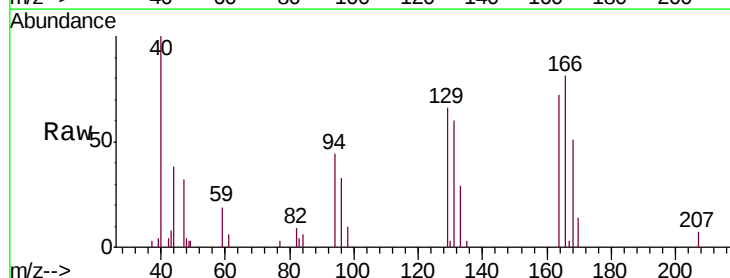
Ion Ratio Lower Upper

164 100

129 91.4 71.5 132.9

131 83.8 69.0 128.2

166 112.5 93.7 173.9

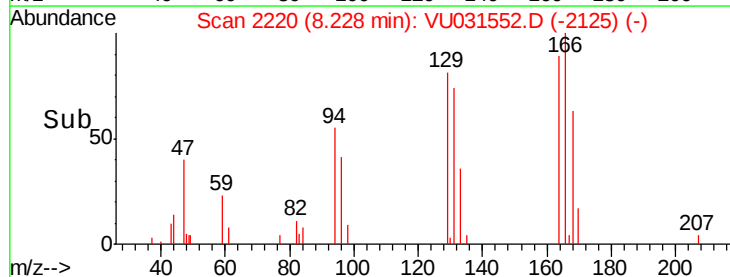
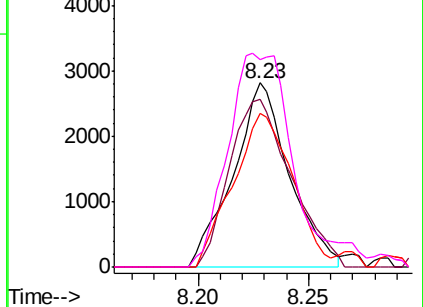


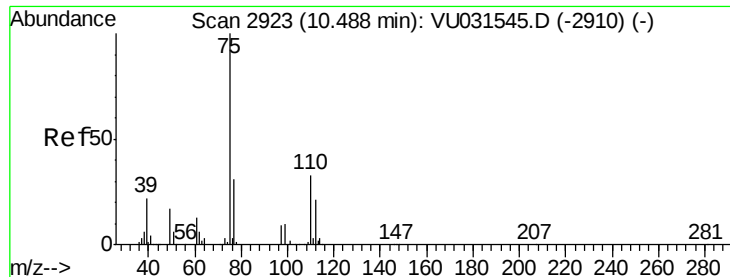
Abundance Ion 164.00 (163.70 to 164.70): VU031552.D (-2218) (-)

Ion 129.00 (128.70 to 129.70): VU031552.D (-2218) (-)

Ion 131.00 (130.70 to 131.70): VU031552.D (-2218) (-)

Ion 166.00 (165.70 to 166.70): VU031552.D (-2218) (-)





#59

1,2,3-Trichloropropane

Concen: 4.150 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031552.D

Acq: 26 Apr 2019 23:53

Instrument :

MSVOA_U

ClientSampleId :

C0WZ5

Tgt Ion: 75 Resp: 39375

Ion Ratio Lower Upper

75 100

77 36.3 25.9 38.9

