

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050819\
 Data File : VU031835.D
 Acq On : 08 May 2019 21:01
 Operator : JC/SP
 Sample : K2739-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB854

Quant Time: May 09 06:54:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 09 05:32:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	435569	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	444116	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	164658	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	141245	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.67	69	123541	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.27	63	209867	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.19	46	519906	44.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.72%
24) Chloroform-d	4.64	84	275785	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.31	65	160947	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.33	84	546649	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.32	67	194911	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.56	98	420057	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.85	79	59872	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.31	63	341211	46.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	151015	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	150568	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

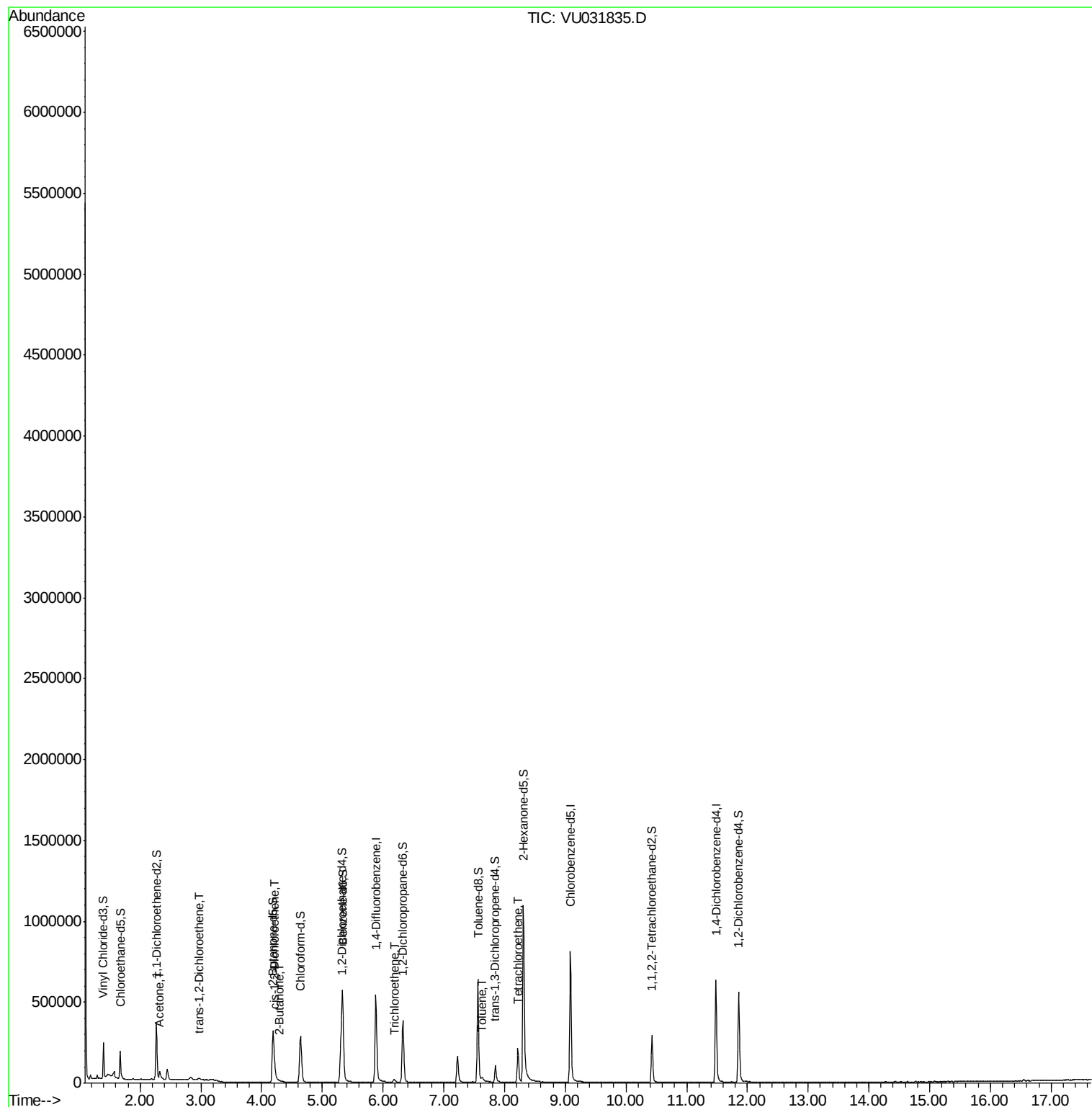
					Ovalue
13) Acetone	2.32	43	41019	5.182	ug/L 87
18) trans-1,2-Dichloroethene	2.97	96	3080	0.097	ug/L 94
21) 2-Butanone	4.29	43	14454	1.093	ug/L 91
22) cis-1,2-Dichloroethene	4.22	96	4091	0.107	ug/L 90
34) Trichloroethene	6.18	95	5017	0.128	ug/L 88
42) Toluene	7.64	91	16180	0.106	ug/L 95
47) Tetrachloroethene	8.22	164	43922	1.730	ug/L 85

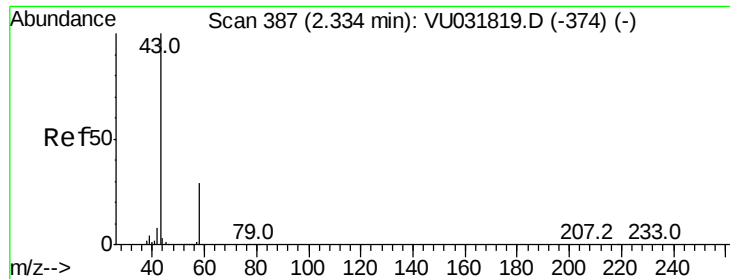
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 09 05:32:34 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.182 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU031835.D

Acq: 08 May 2019 21:01

Instrument :

MSVOA_U

ClientSampleId :

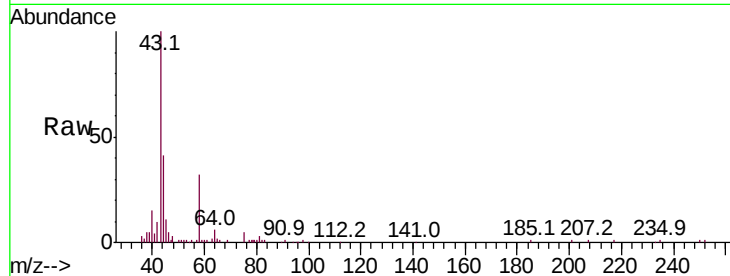
DB854

Tot Ion: 43 Resp: 41019

Ion Ratio Lower Upper

43 100

58 33.3 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031819.D (-374) (-)

Ion 58.05 (57.75 to 58.75): VU031819.D (-374) (-)

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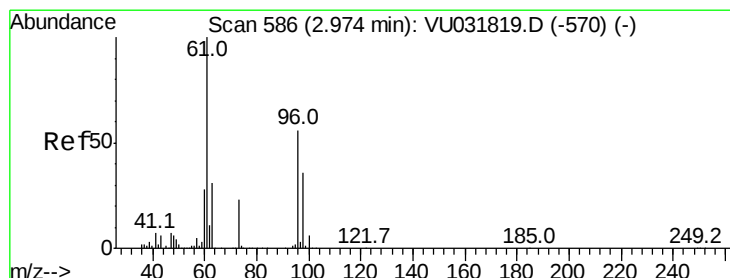
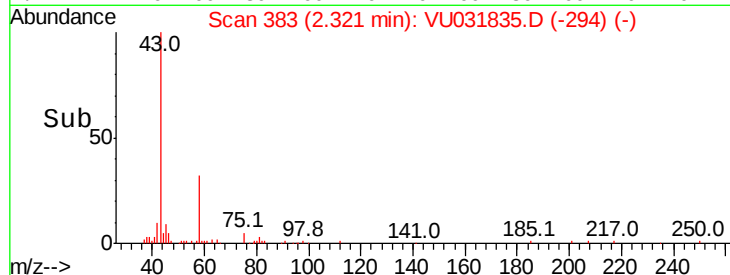
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#18

trans-1,2-Dichloroethene

Concen: 0.097 ug/L

RT: 2.97 min Scan# 585

Delta R.T. -0.00 min

Lab File: VU031835.D

Acq: 08 May 2019 21:01

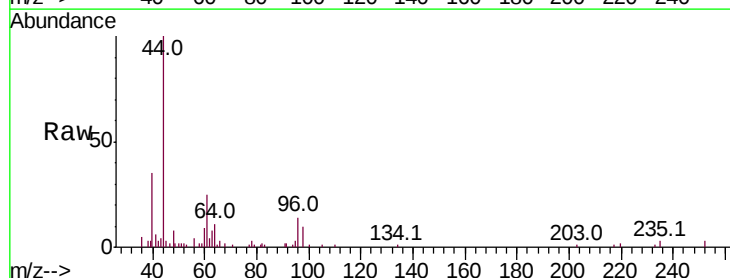
Tgt Ion: 96 Resp: 3080

Ion Ratio Lower Upper

96 100

61 178.2 130.9 243.1

98 71.3 46.2 85.8



Abundance Ion 96.00 (95.70 to 96.70): VU031819.D (-570) (-)

Ion 61.05 (60.75 to 61.75): VU031819.D (-570) (-)

Ion 97.95 (97.65 to 98.65): VU031819.D (-570) (-)

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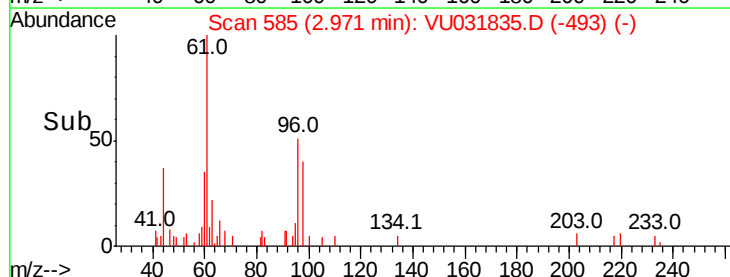
2.97

2.97

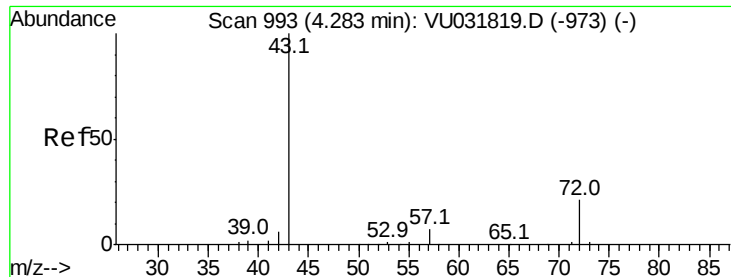
2.97

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2.97



Time-->



#21

2-Butanone

Concen: 1.093 ug/L

RT: 4.29 min Scan# 995

Delta R.T. 0.01 min

Lab File: VU031835.D

Acq: 08 May 2019 21:01

Instrument :

MSVOA_U

ClientSampled :

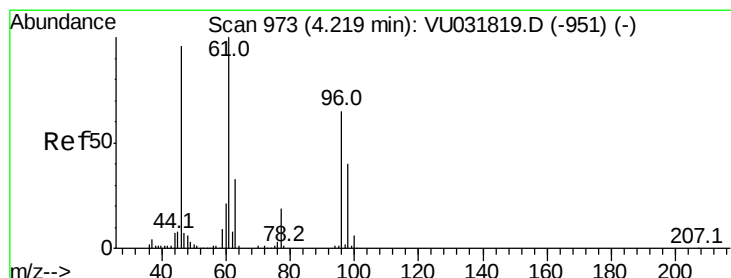
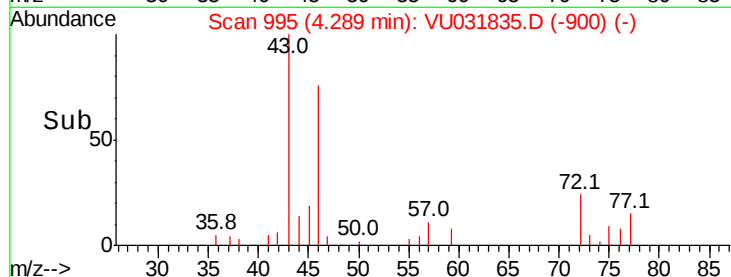
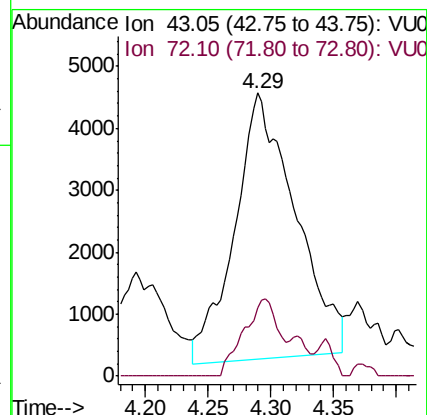
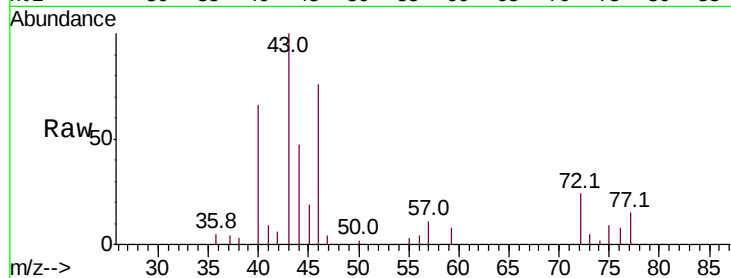
DB854

Tot Ion: 43 Resp: 14454

Ion Ratio Lower Upper

43 100

72 16.6 10.4 31.1



#22

cis-1,2-Dichloroethene

Concen: 0.107 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031835.D

Acq: 08 May 2019 21:01

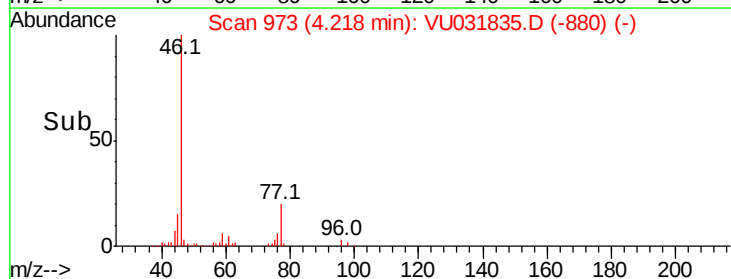
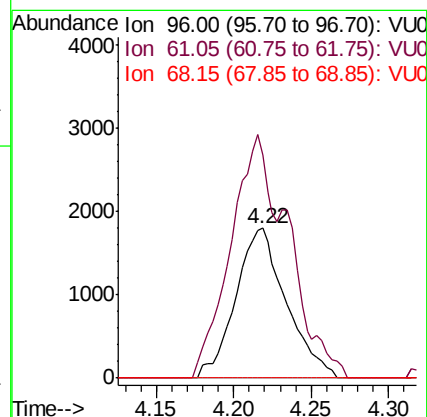
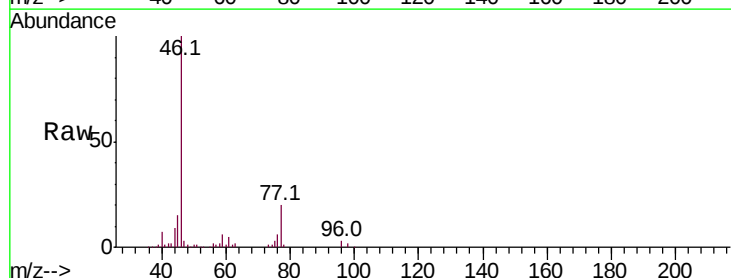
Tgt Ion: 96 Resp: 4091

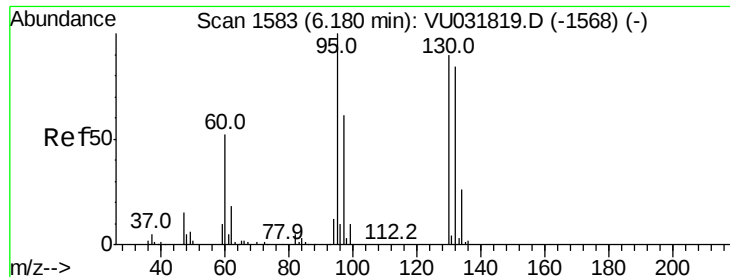
Ion Ratio Lower Upper

96 100

61 149.1 113.3 210.5

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.128 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031835.D

Acq: 08 May 2019 21:01

Instrument :

MSVOA_U

ClientSampleId :

DB854

Tot Ion: 95 Resp: 5017

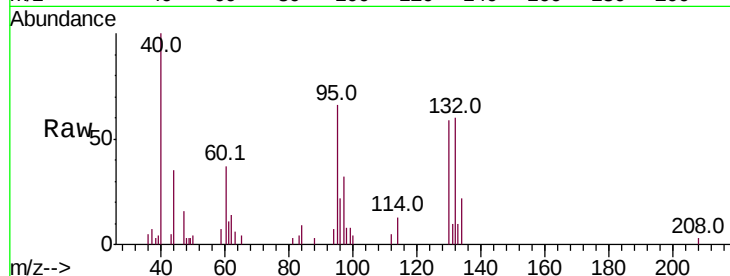
Ion Ratio Lower Upper

95 100

97 48.4 45.8 85.2

132 91.4 56.0 104.0

130 89.9 60.4 112.2

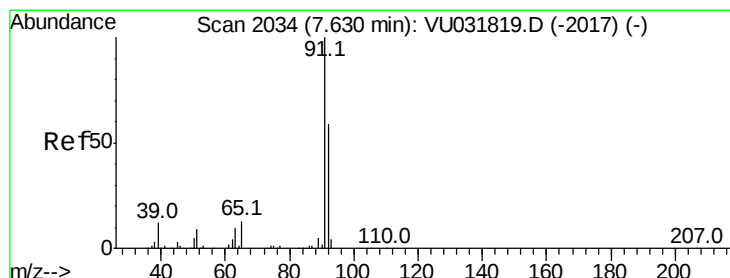
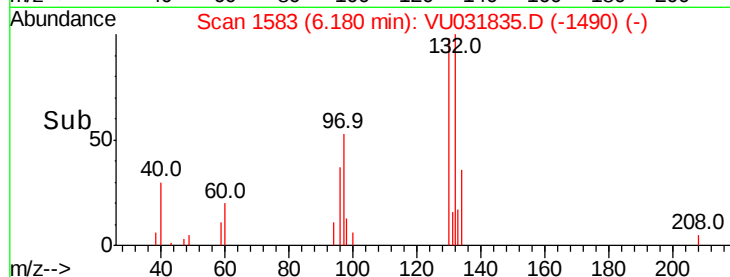
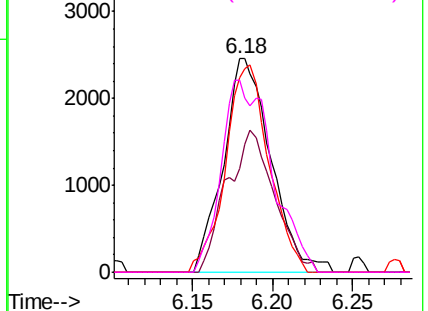


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.106 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU031835.D

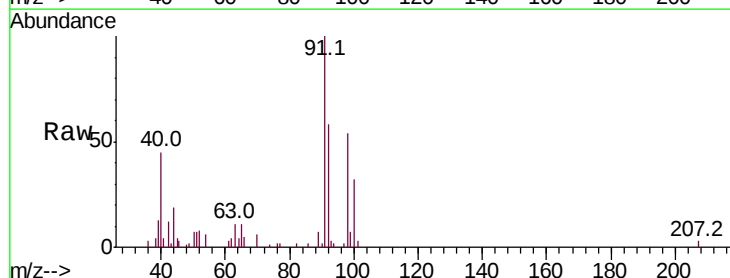
Acq: 08 May 2019 21:01

Tgt Ion: 91 Resp: 16180

Ion Ratio Lower Upper

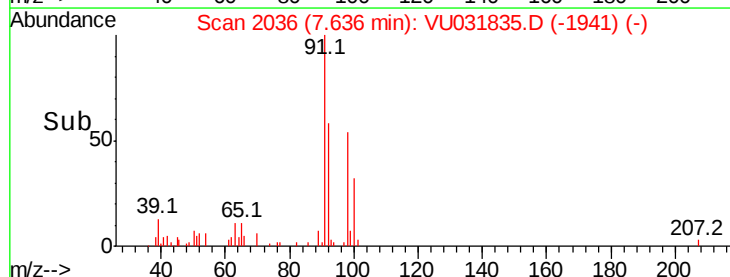
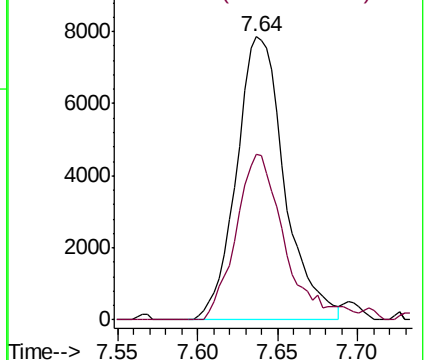
91 100

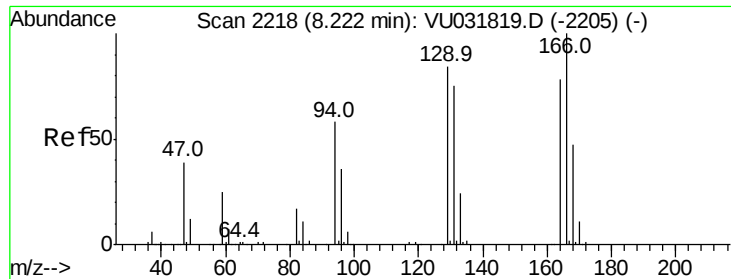
92 58.3 38.1 70.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 1.730 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031835.D

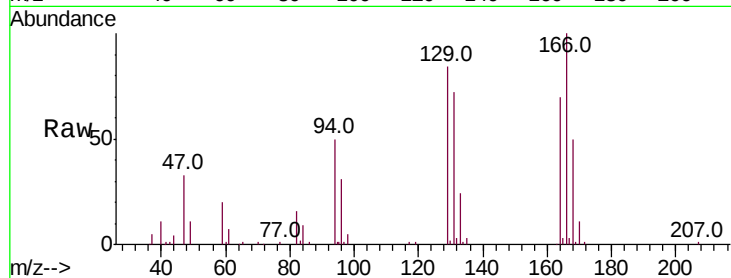
Acq: 08 May 2019 21:01

Instrument :

MSVOA_U

ClientSampleId :

DB854



Tot Ion:164 Resp: 43922

Ion Ratio Lower Upper

164 100

129 118.7 70.3 130.5

131 102.7 65.4 121.4

166 142.0 86.0 159.8

