

Data File : VU031833.D
Acq On : 08 May 2019 20:12
Operator : JC/SP
Sample : K2739-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB852

Quant Time: May 09 05:37:12 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	421430	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	444258	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	166092	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	141859	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.67	69	122031	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.27	63	207944	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.19	46	513615	45.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.60%
24) Chloroform-d	4.64	84	281177	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.31	65	157534	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.33	84	542625	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.33	67	193591	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.56	98	420748	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.85	79	58028	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.31	63	340571	45.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	153567	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	149768	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

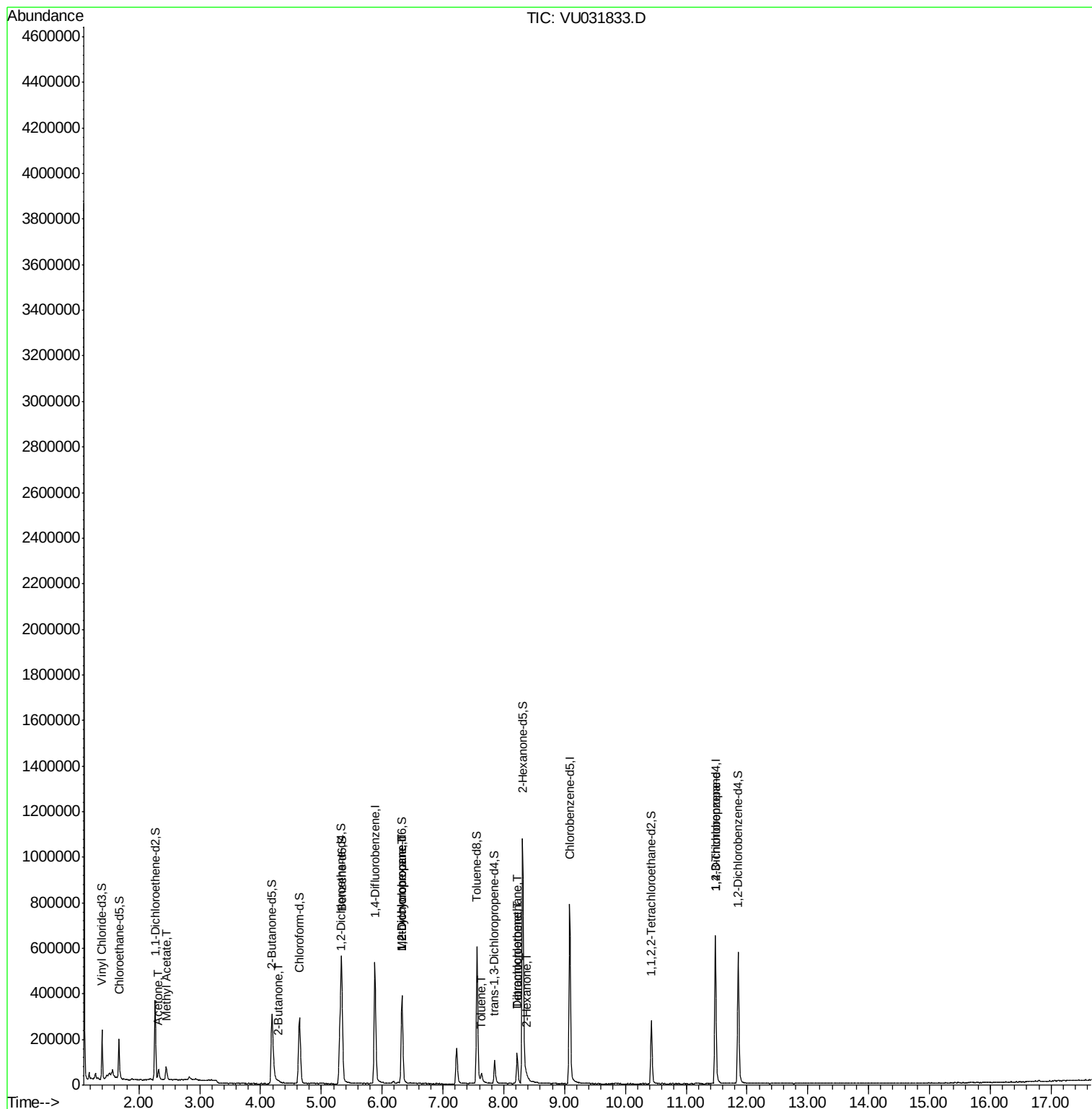
					Qvalue
13) Acetone	2.32	43	43746	5.712	ug/L 96
15) Methyl Acetate	2.45	43	13538	0.685	ug/L # 59
21) 2-Butanone	4.29	43	12272	0.959	ug/L 84
35) Methylcyclohexane	6.32	83	41498	0.740	ug/L # 11
37) 1,2-Dichloropropane	6.33	63	21792	0.492	ug/L # 91
42) Toluene	7.64	91	26562	0.174	ug/L 92
47) Tetrachloroethene	8.22	164	29490	1.161	ug/L 90
48) 2-Hexanone	8.38	43	22728	1.072	ug/L # 56
49) Dibromochloromethane	8.22	129	29306	0.959	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	22220	0.847	ug/L # 88

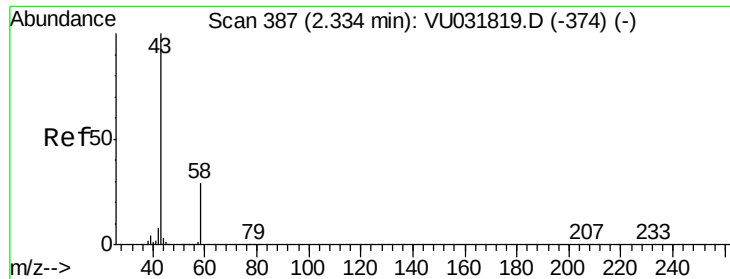
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.712 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU031833.D

Acq: 08 May 2019 20:12

Instrument :

MSVOA_U

ClientSampleId :

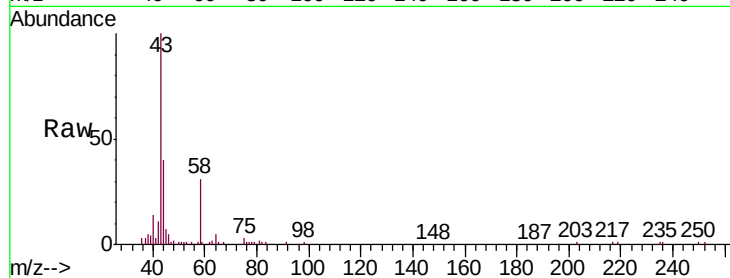
DB852

Tgt Ion: 43 Resp: 43746

Ion Ratio Lower Upper

43 100

58 28.8 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) (-)

2.32

25000

20000

15000

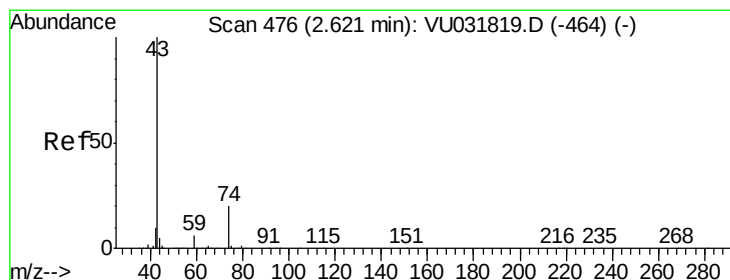
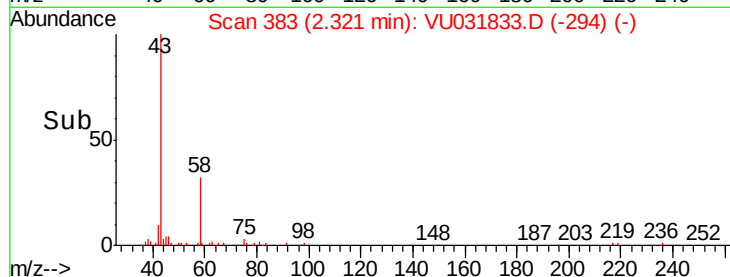
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#15

Methyl Acetate

Concen: 0.685 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.17 min

Lab File: VU031833.D

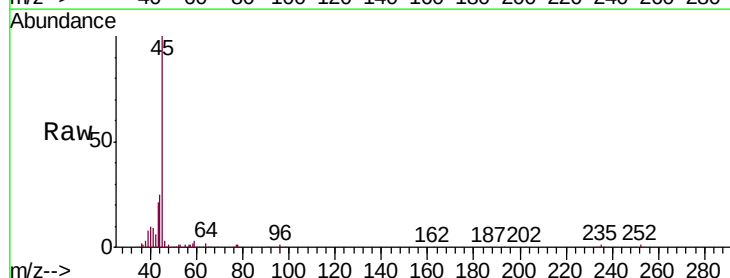
Acq: 08 May 2019 20:12

Tgt Ion: 43 Resp: 13538

Ion Ratio Lower Upper

43 100

74 0.2 14.7 22.1#



Abundance Ion 43.05 (42.75 to 43.75): VU031819.D (-464) (-)

Ion 74.05 (73.75 to 74.75): VU031819.D (-464) (-)

2.45

8000

6000

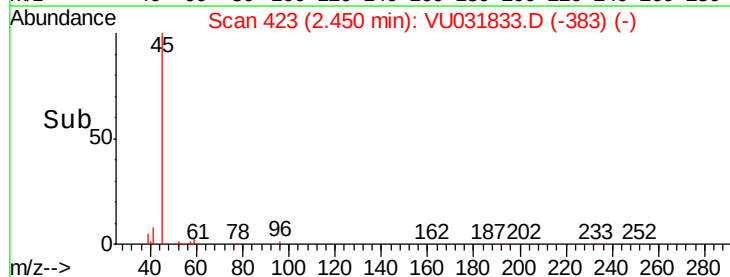
4000

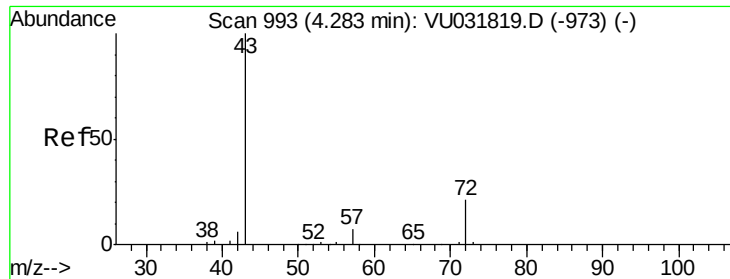
2000

0

Time-->

2.40 2.45 2.50

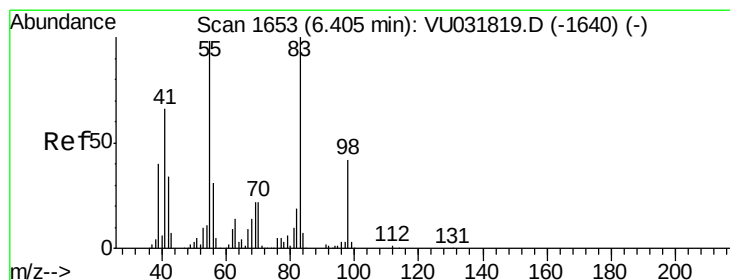
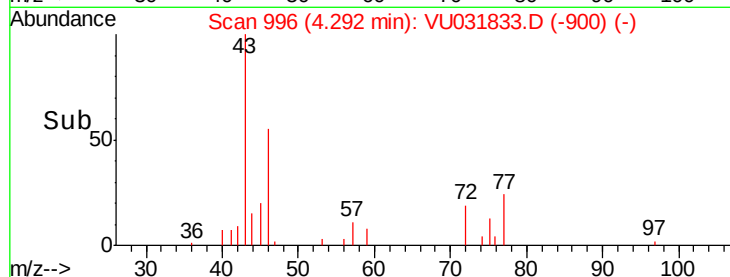
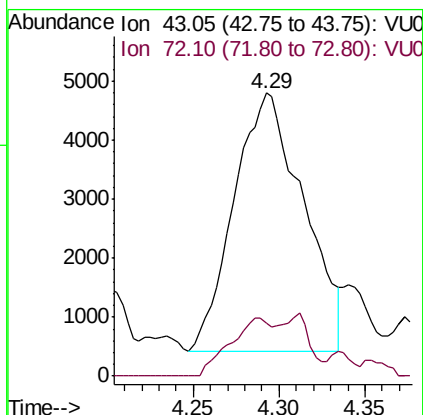
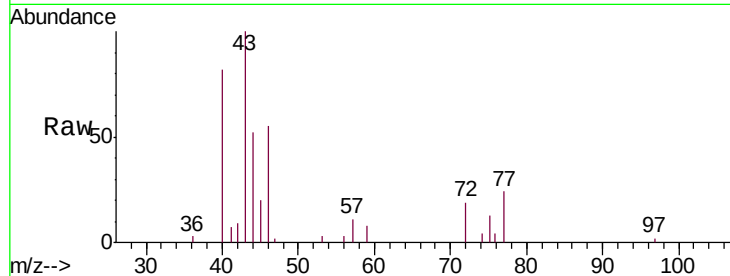




#21
 2-Butanone
 Concen: 0.959 ug/L
 RT: 4.29 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: VU031833.D
 Acq: 08 May 2019 20:12

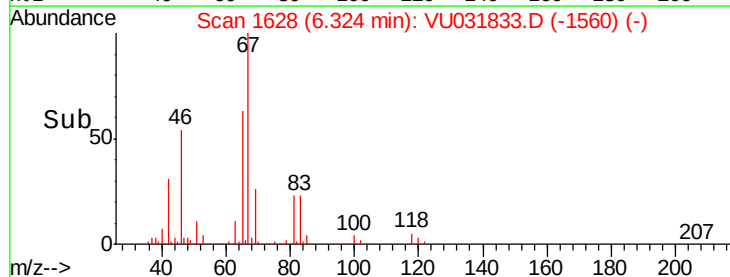
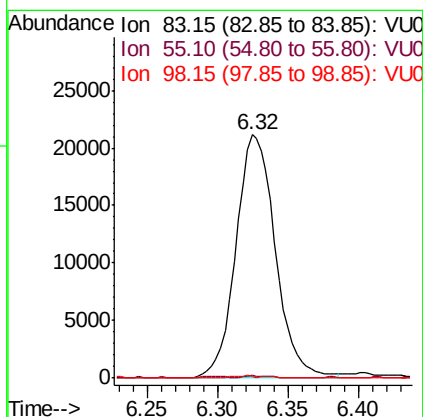
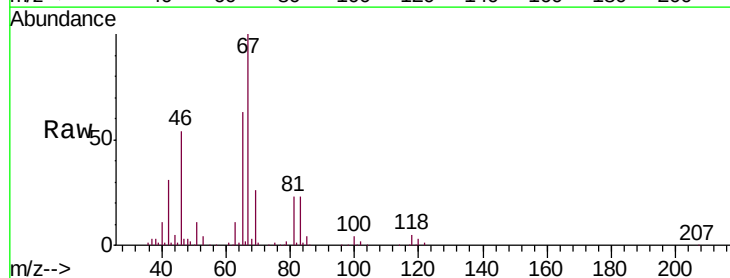
Instrument :
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 DB852

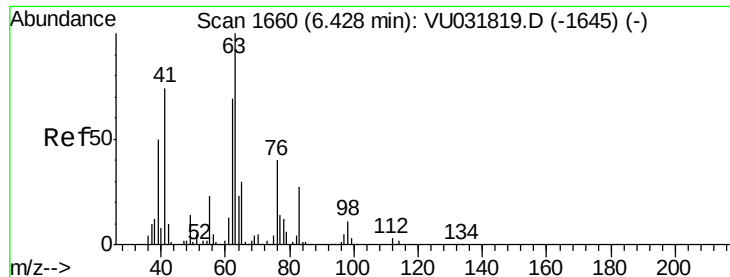
Tgt Ion: 43 Resp: 12272
 Ion Ratio Lower Upper
 43 100
 72 13.2 10.4 31.1



#35
 Methylcyclohexane
 Concen: 0.740 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.08 min
 Lab File: VU031833.D
 Acq: 08 May 2019 20:12

Tgt Ion: 83 Resp: 41498
 Ion Ratio Lower Upper
 83 100
 55 0.6 79.2 118.8#
 98 0.5 34.0 51.0#

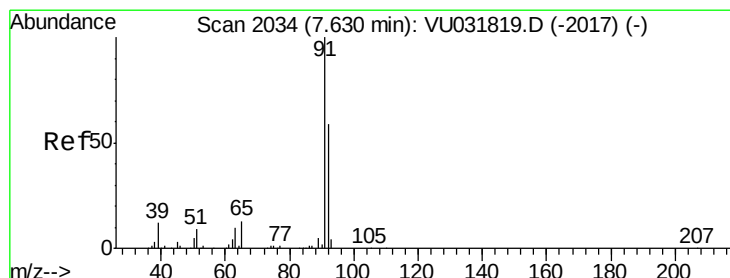
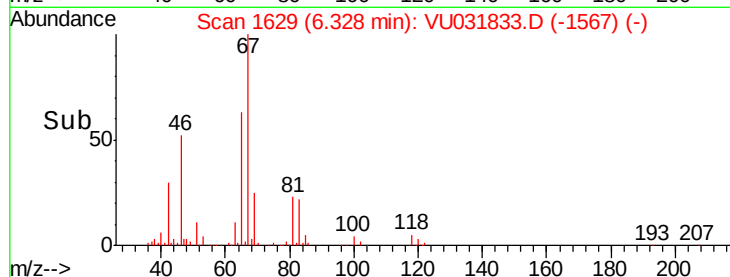
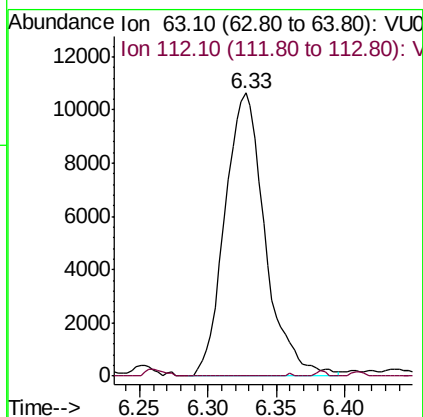
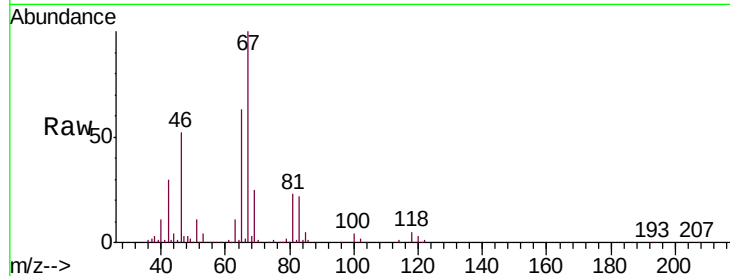




#37
 1,2-Dichloropropane
 Concen: 0.492 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031833.D
 Acq: 08 May 2019 20:12

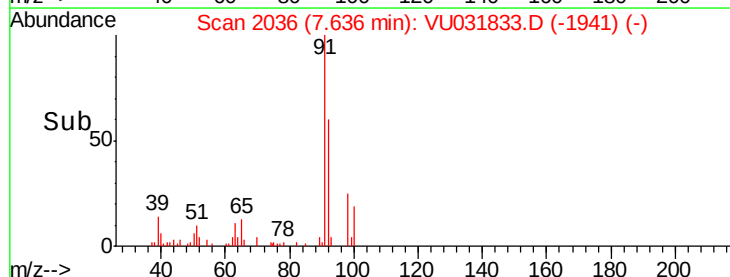
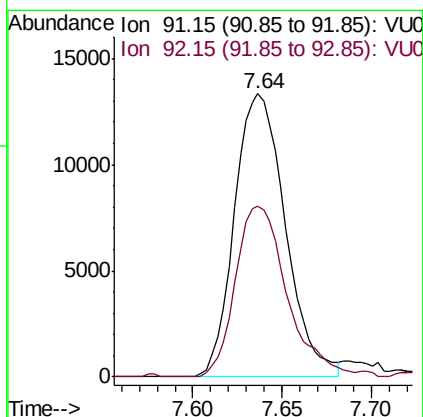
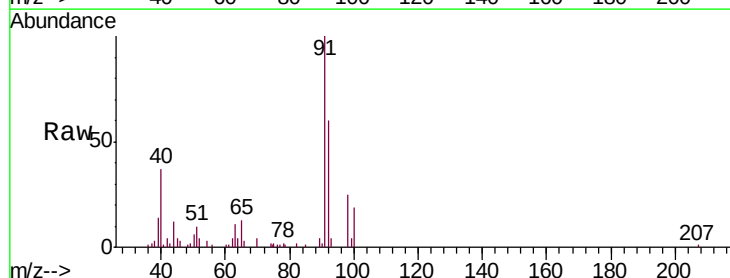
Instrument :
 MSVOA_U
 ClientSampleID :
 DB852

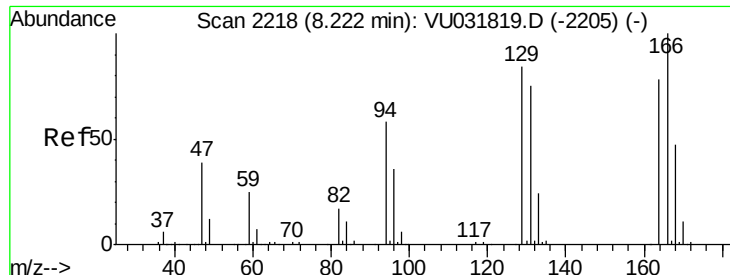
Tgt Ion: 63 Resp: 21792
 Ion Ratio Lower Upper
 63 100
 112 0.1 2.5 3.7#



#42
 Toluene
 Concen: 0.174 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VU031833.D
 Acq: 08 May 2019 20:12

Tgt Ion: 91 Resp: 26562
 Ion Ratio Lower Upper
 91 100
 92 60.2 38.1 70.9





#47

Tetrachloroethene

Concen: 1.161 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031833.D

Acq: 08 May 2019 20:12

Instrument :

MSVOA_U

ClientSampleId :

DB852

Tgt Ion:164 Resp: 29490

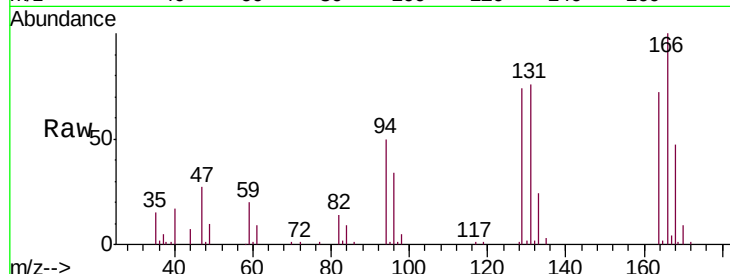
Ion Ratio Lower Upper

164 100

129 102.4 70.3 130.5

131 105.4 65.4 121.4

166 138.1 86.0 159.8

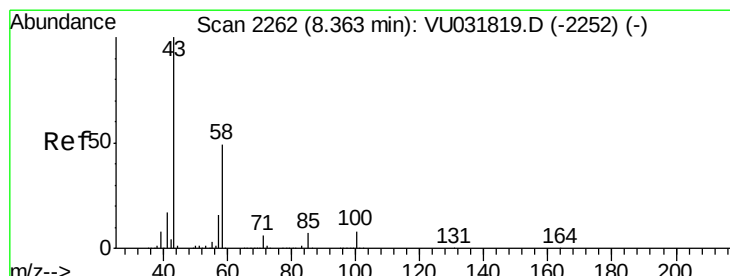
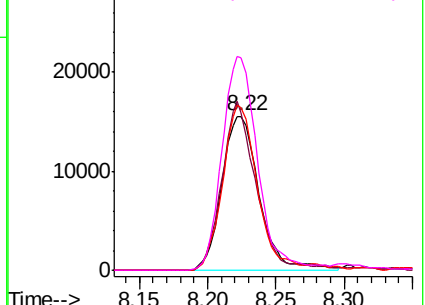
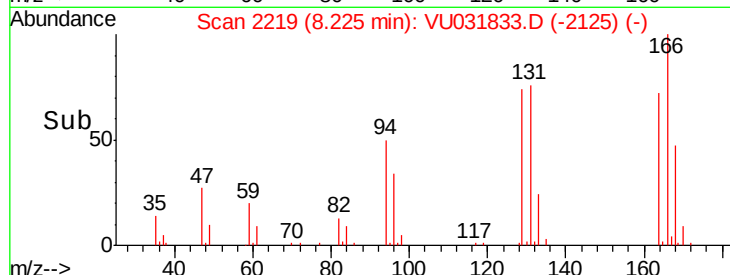


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.072 ug/L

RT: 8.38 min Scan# 2267

Delta R.T. 0.02 min

Lab File: VU031833.D

Acq: 08 May 2019 20:12

Tgt Ion: 43 Resp: 22728

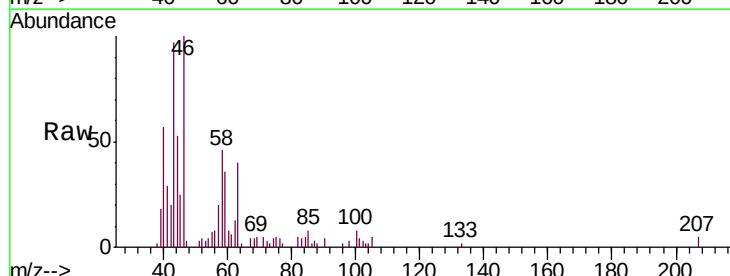
Ion Ratio Lower Upper

43 100

58 11.6 40.2 60.2#

57 7.3 13.8 20.6#

100 2.0 6.4 9.6#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

