

Data File : VU031823.D
Acq On : 08 May 2019 14:41
Operator : JC/SP
Sample : K2706-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JP1

Quant Time: May 09 05:35:53 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	332776	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	342749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	132072	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109281	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.68	69	93432	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.27	63	165563	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.20	46	471942	53.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.60%
24) Chloroform-d	4.64	84	245574	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.31	65	146983	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.33	84	438579	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.33	67	161717	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.56	98	344560	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.85	79	52796	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.31	63	300150	52.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127381	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	120307	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

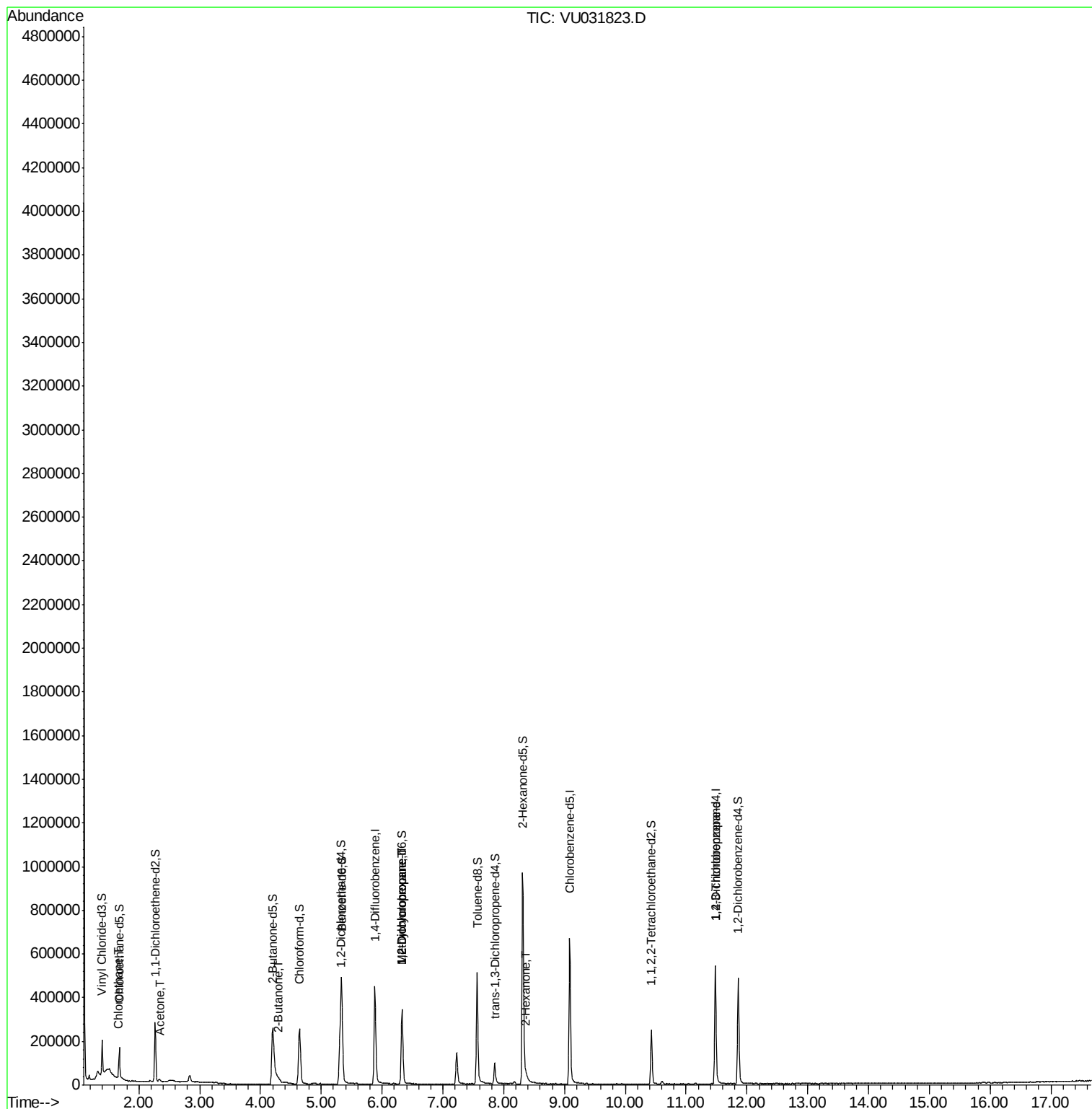
					Qvalue	
8) Chloroethane	1.65	64	2248	0.102	ug/L #	53
13) Acetone	2.34	43	9193	1.520	ug/L	100
21) 2-Butanone	4.30	43	31844	3.151	ug/L	96
35) Methylcyclohexane	6.33	83	37088	0.857	ug/L #	10
37) 1,2-Dichloropropane	6.33	63	17996	0.526	ug/L #	92
48) 2-Hexanone	8.37	43	21149	1.293	ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	19530	0.965	ug/L #	86

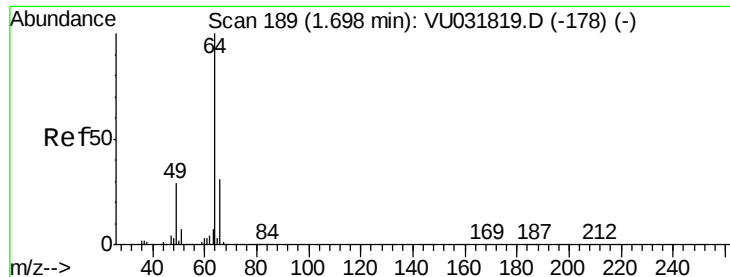
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.102 ug/L

RT: 1.65 min Scan# 175

Delta R.T. -0.04 min

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MSVOA_U

ClientSampleId :

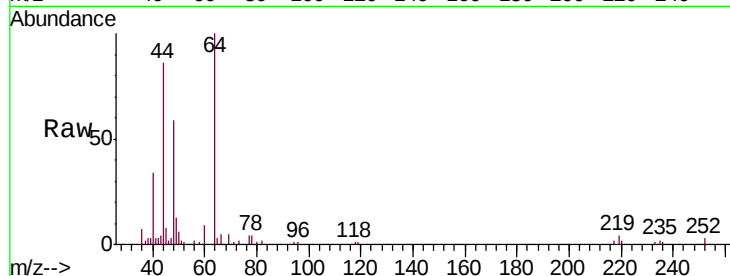
C0JP1

Tgt Ion: 64 Resp: 2248

Ion Ratio Lower Upper

64 100

66 5.2 21.9 40.7#



Abundance Ion 64.10 (63.80 to 64.80): VU031823.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU031823.D (-178) (-)

12000

10000

8000

6000

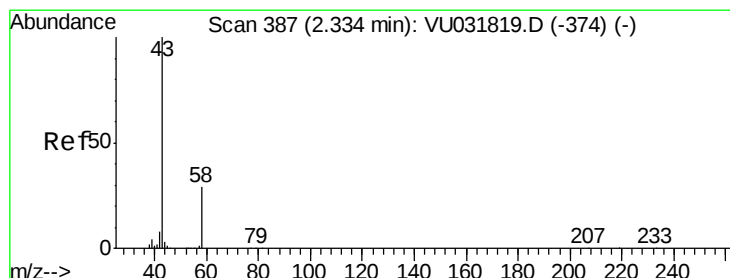
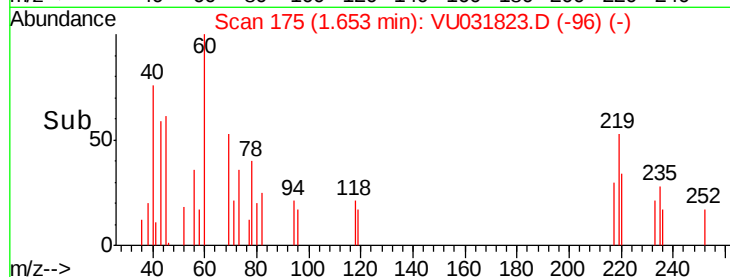
4000

2000

0

1.64 1.65 1.66 1.67 1.68

Time-->



#13

Acetone

Concen: 1.520 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.00 min

Lab File: VU031823.D

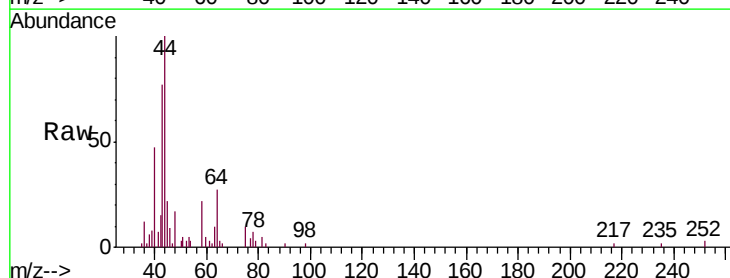
Acq: 08 May 2019 14:41

Tgt Ion: 43 Resp: 9193

Ion Ratio Lower Upper

43 100

58 27.1 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031823.D (-294) (-)

Ion 58.05 (57.75 to 58.75): VU031823.D (-294) (-)

5000

4000

3000

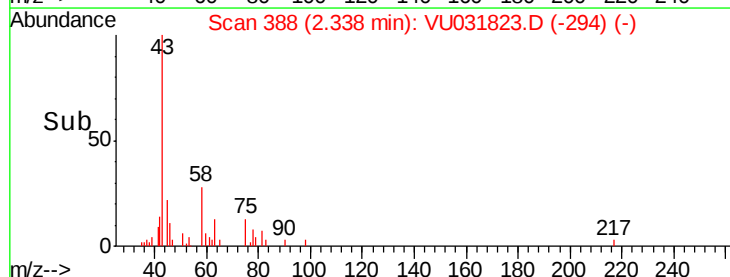
2000

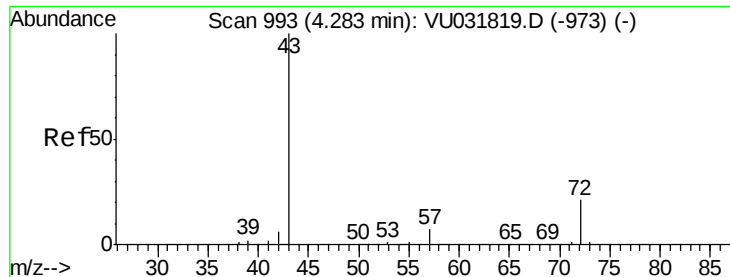
1000

0

2.30 2.34 2.40

Time-->





#21

2-Butanone

Concen: 3.151 ug/L

RT: 4.30 min Scan# 998

Delta R.T. 0.02 min

Lab File: VU031823.D

Acq: 08 May 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

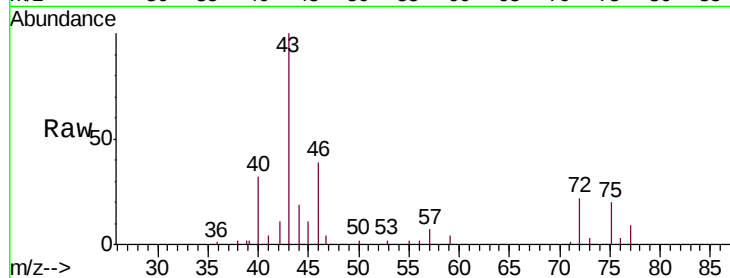
C0JP1

Tgt Ion: 43 Resp: 31844

Ion Ratio Lower Upper

43 100

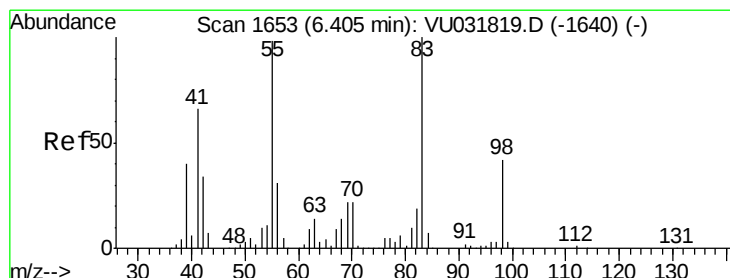
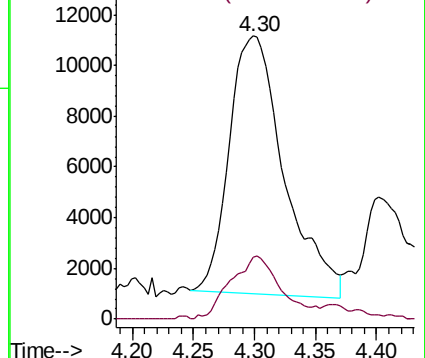
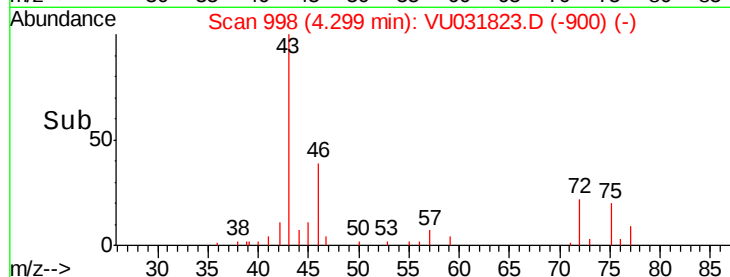
72 22.8 10.4 31.1



Abundance Ion 43.05 (42.75 to 43.75): VU031819.D (-973) (-)

Ion 72.10 (71.80 to 72.80): VU031819.D (-973) (-)

Time-->



#35

Methylcyclohexane

Concen: 0.857 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031823.D

Acq: 08 May 2019 14:41

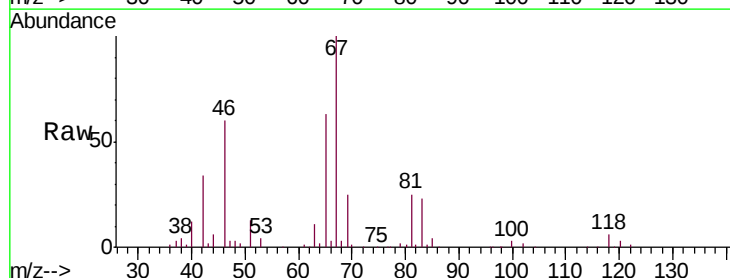
Tgt Ion: 83 Resp: 37088

Ion Ratio Lower Upper

83 100

55 0.2 79.2 118.8#

98 0.0 34.0 51.0#

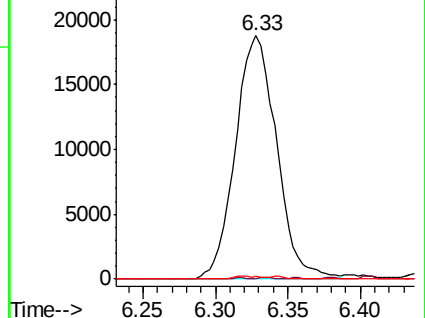
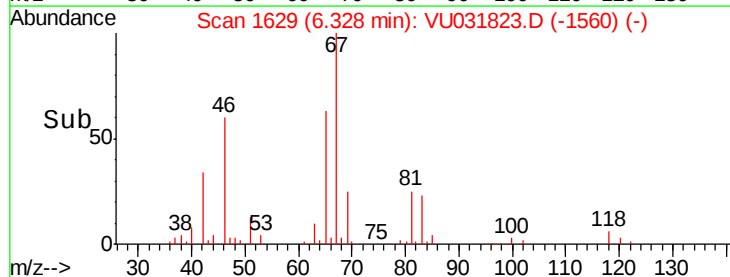


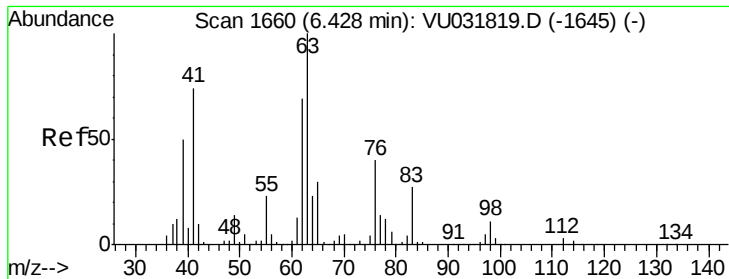
Abundance Ion 83.15 (82.85 to 83.85): VU031819.D (-1640) (-)

Ion 55.10 (54.80 to 55.80): VU031819.D (-1640) (-)

Ion 98.15 (97.85 to 98.85): VU031819.D (-1640) (-)

Time-->

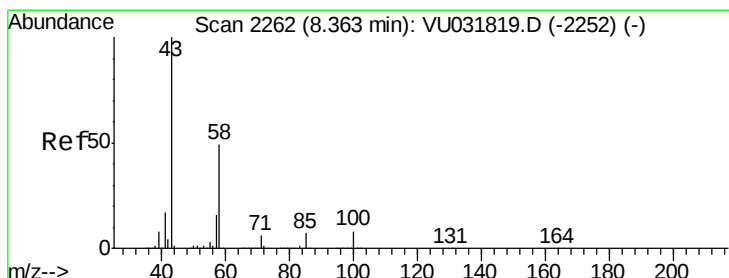
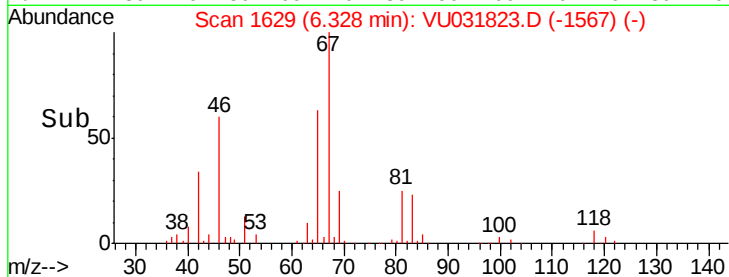
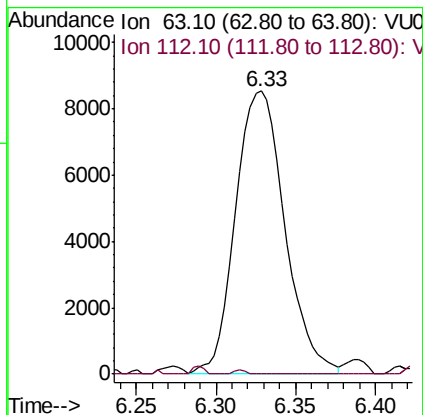
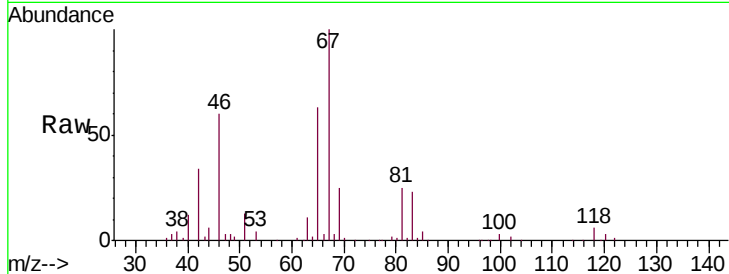




#37
 1,2-Dichloropropane
 Concen: 0.526 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031823.D
 Acq: 08 May 2019 14:41

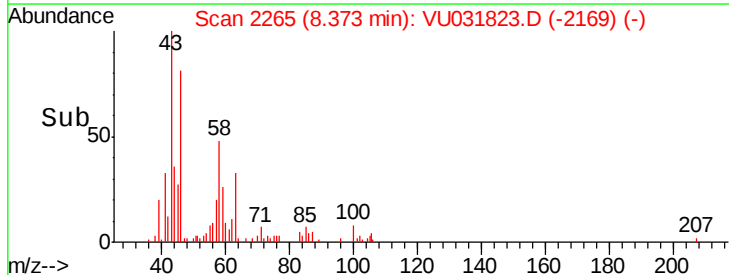
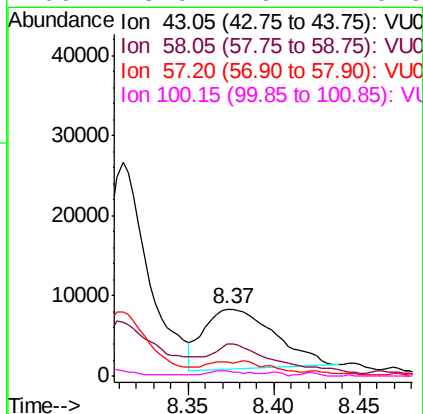
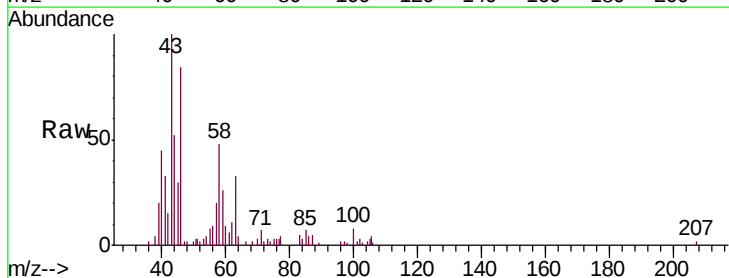
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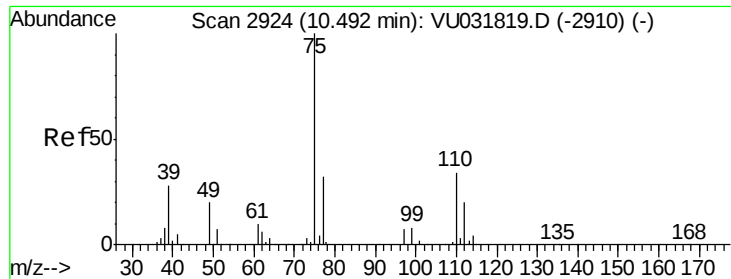
Tgt Ion: 63 Resp: 17996
 Ion Ratio Lower Upper
 63 100
 112 0.4 2.5 3.7#



#48
 2-Hexanone
 Concen: 1.293 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031823.D
 Acq: 08 May 2019 14:41

Tgt Ion: 43 Resp: 21149
 Ion Ratio Lower Upper
 43 100
 58 50.6 40.2 60.2
 57 3.2 13.8 20.6#
 100 5.0 6.4 9.6#





#59

1,2,3-Trichloropropane

Concen: 0.965 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031823.D

Acq: 08 May 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

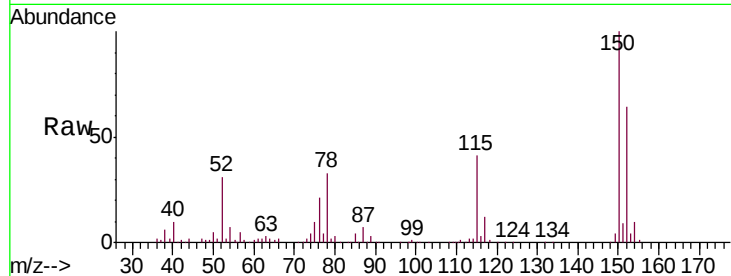
C0JP1

Tgt Ion: 75 Resp: 19530

Ion Ratio Lower Upper

75 100

77 40.7 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

