

Data File : VU031839.D
Acq On : 08 May 2019 23:06
Operator : JC/SP
Sample : K2706-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JP3

Quant Time: May 09 07:01:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	457206	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	457465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	184565	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136790	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.67	69	122988	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.27	63	207613	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.19	46	555129	45.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.26%
24) Chloroform-d	4.64	84	289227	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.30	65	160739	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
32) Benzene-d6	5.33	84	559528	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.32	67	201327	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.56	98	444823	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.85	79	59449	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.31	63	361889	47.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	157274	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	160793	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

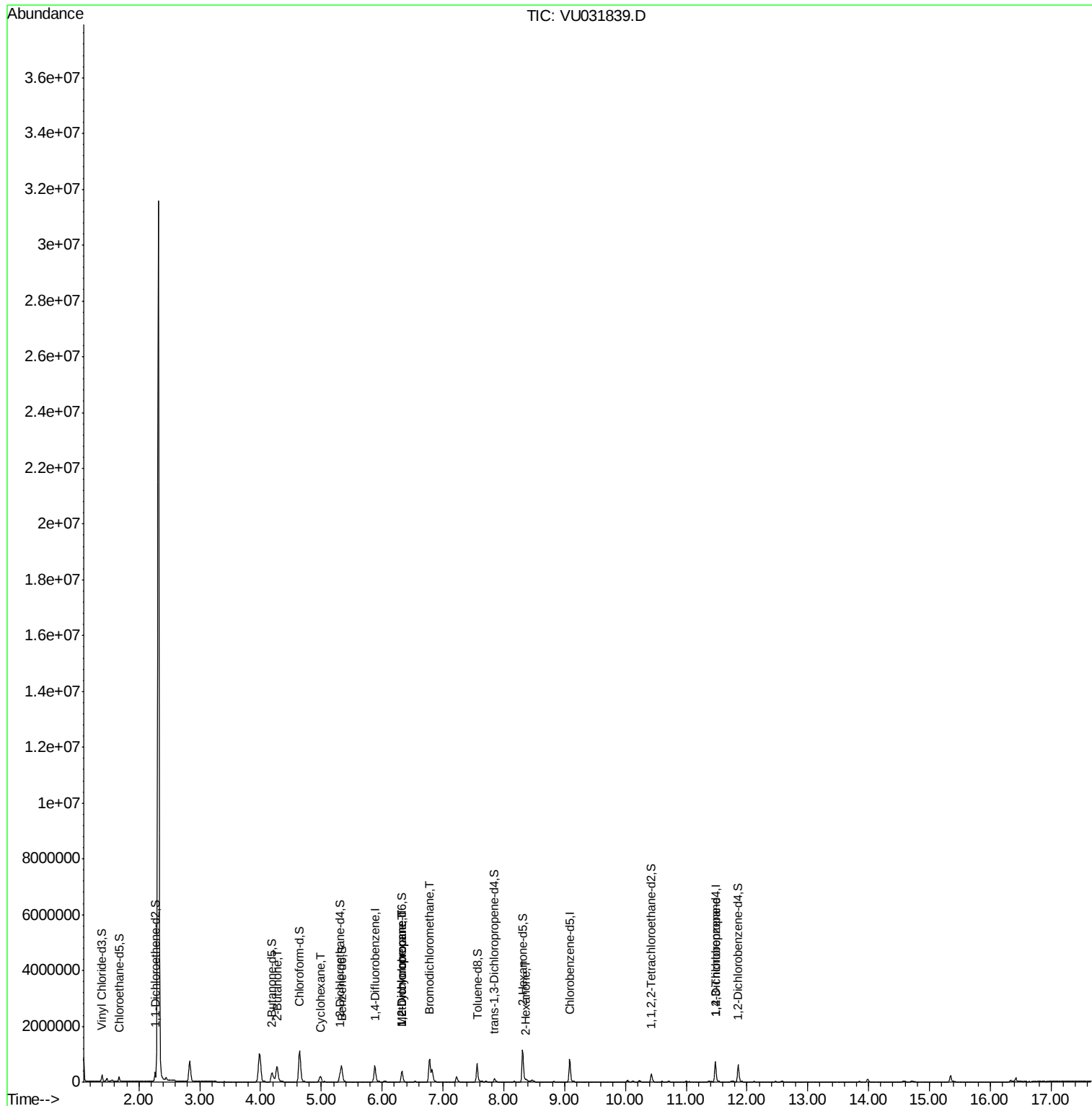
					Qvalue
21) 2-Butanone	4.27	43	875968	63.086 ug/L	93
30) Cyclohexane	4.98	56	104308	1.519 ug/L	97
35) Methylcyclohexane	6.33	83	41962	0.726 ug/L #	11
37) 1,2-Dichloropropane	6.32	63	20084	0.440 ug/L #	91
38) Bromodichloromethane	6.77	83	15327	0.282 ug/L #	1
48) 2-Hexanone	8.37	43	45175	2.069 ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	24725	0.915 ug/L	90

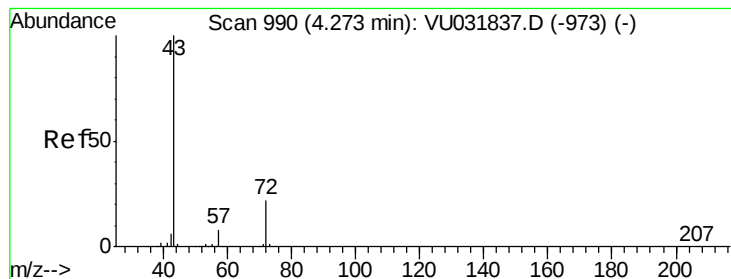
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 63.086 ug/L

RT: 4.27 min Scan# 990

Delta R.T. -0.00 min

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Acq: 08 May 2019 23:06

Instrument :

MSVOA_U

ClientSampleId :

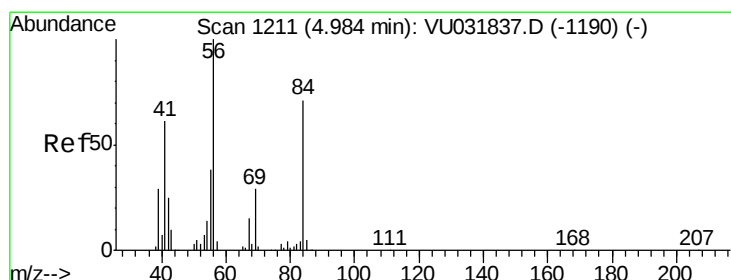
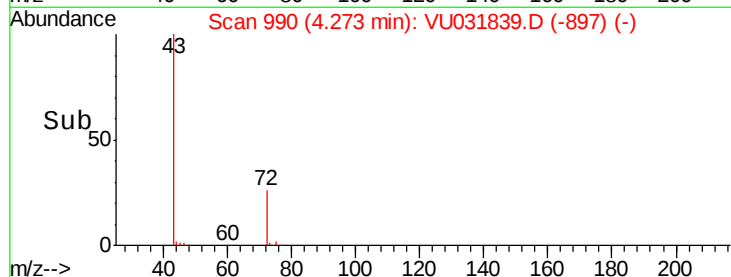
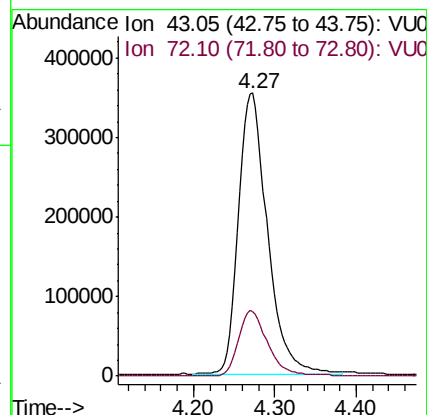
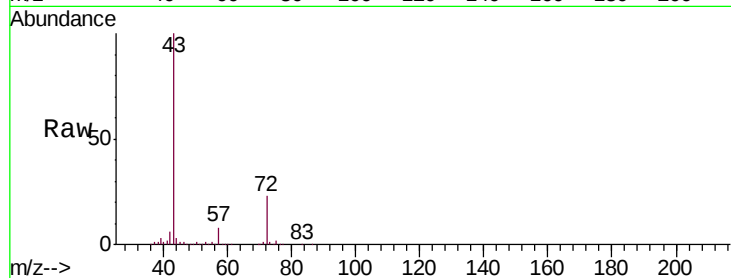
C0JP3

Tgt Ion: 43 Resp: 875968

Ion Ratio Lower Upper

43 100

72 23.8 10.4 31.1



#30

Cyclohexane

Concen: 1.519 ug/L

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VU031839.D

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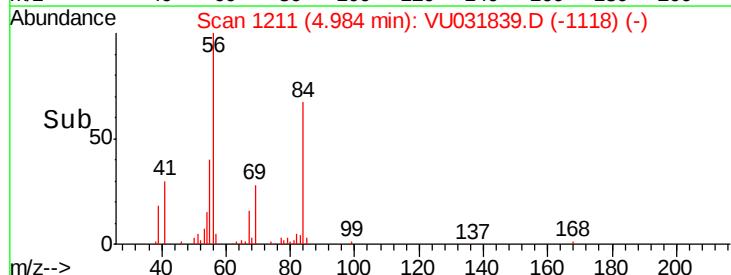
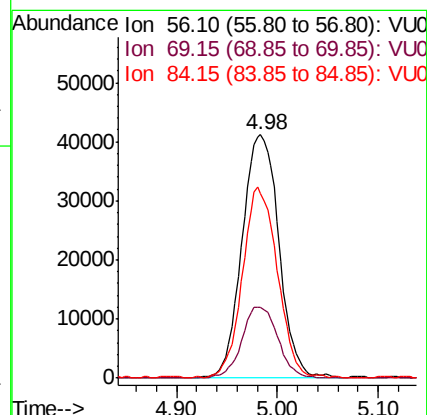
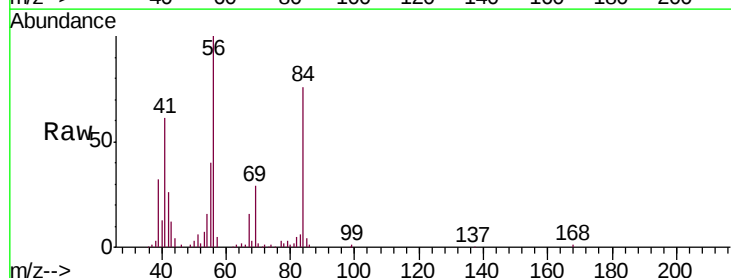
Tgt Ion: 56 Resp: 104308

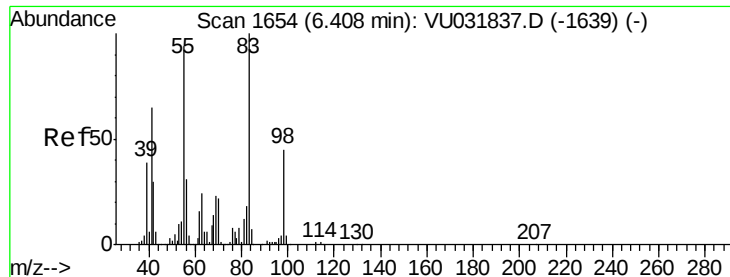
Ion Ratio Lower Upper

56 100

69 28.5 21.8 32.8

84 74.0 56.8 85.2





#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031839.D

Acq: 08 May 2019 23:06

Instrument :

MSVOA_U

ClientSampleId :

C0JP3

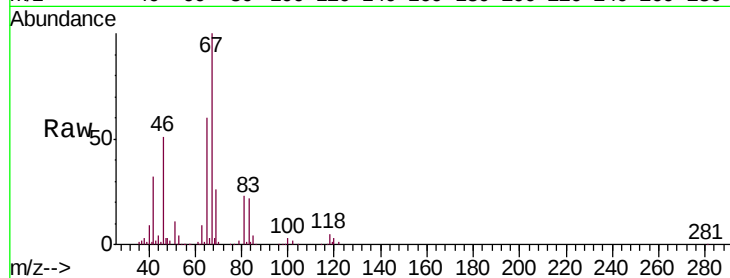
Tgt Ion: 83 Resp: 41962

Ion Ratio Lower Upper

83 100

55 1.0 79.2 118.8#

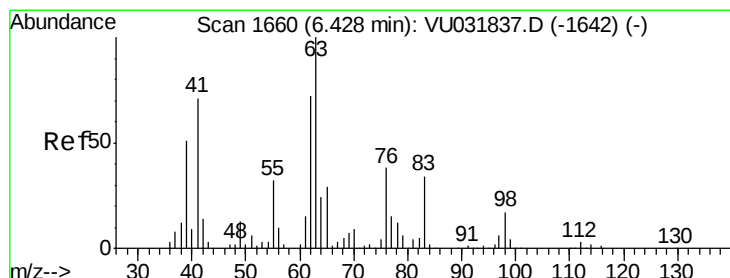
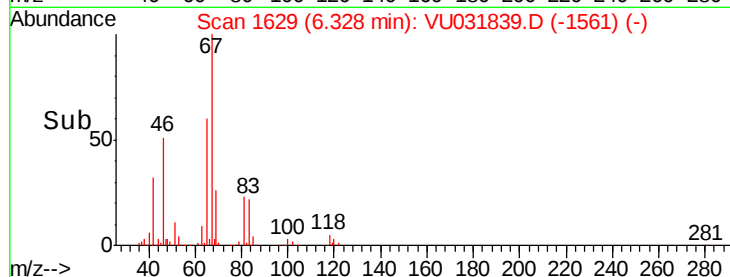
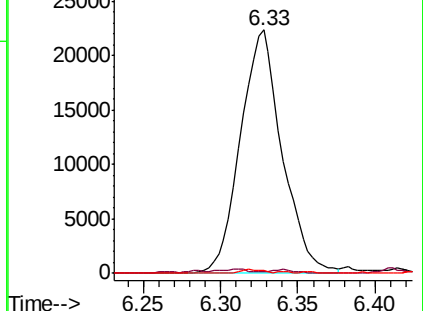
98 0.2 34.0 51.0#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.440 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VU031839.D

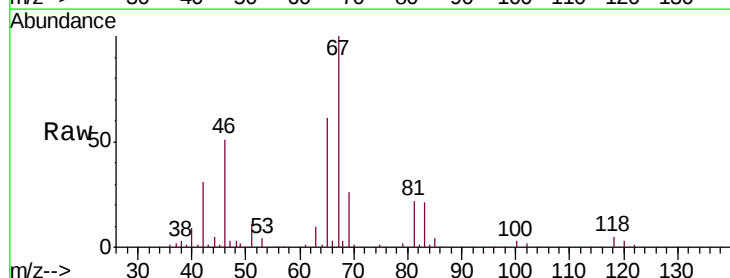
Acq: 08 May 2019 23:06

Tgt Ion: 63 Resp: 20084

Ion Ratio Lower Upper

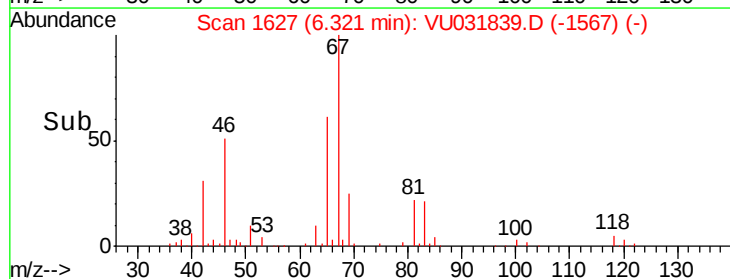
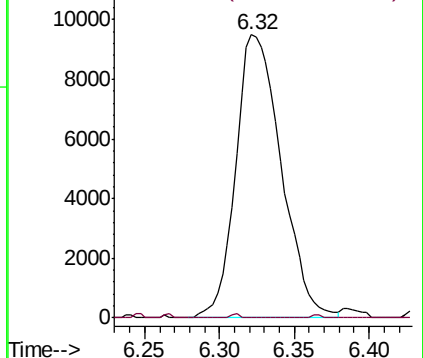
63 100

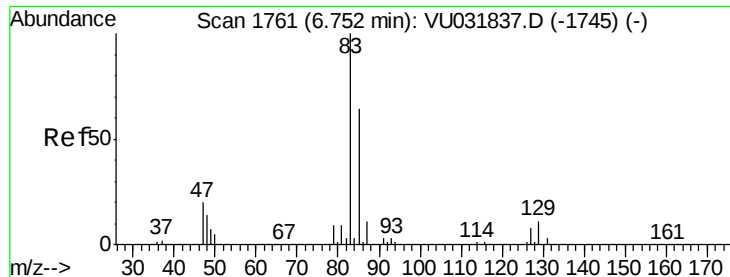
112 0.2 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

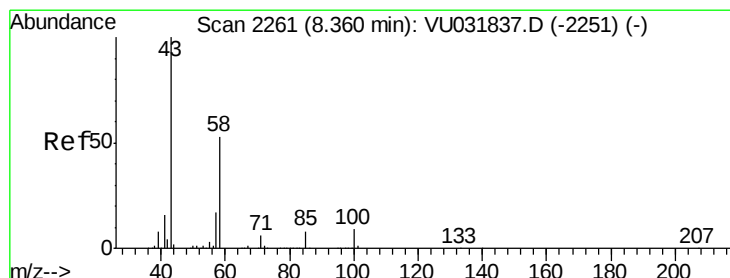
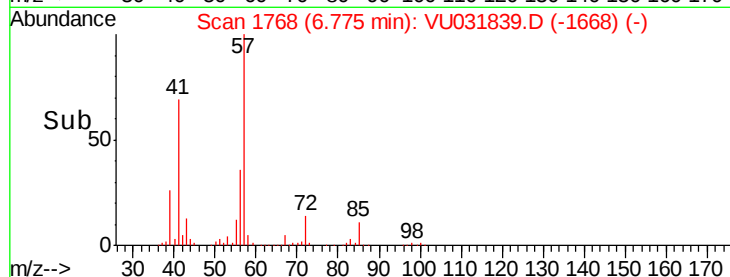
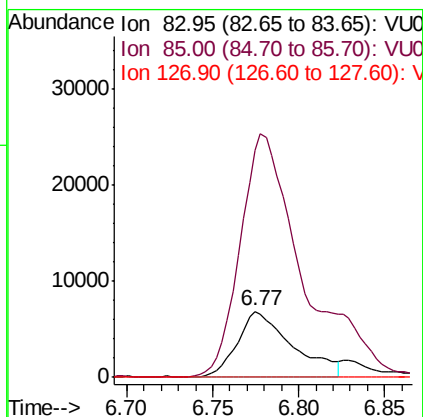
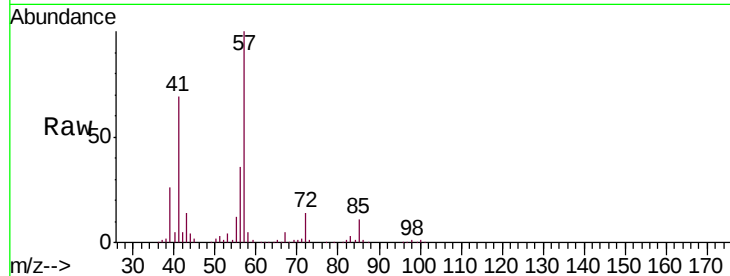




#38
 Bromodichloromethane
 Concen: 0.282 ug/L
 RT: 6.77 min Scan# 1768
 Delta R.T. 0.02 min
 Lab File: VU031839.D
 Acq: 08 May 2019 23:06

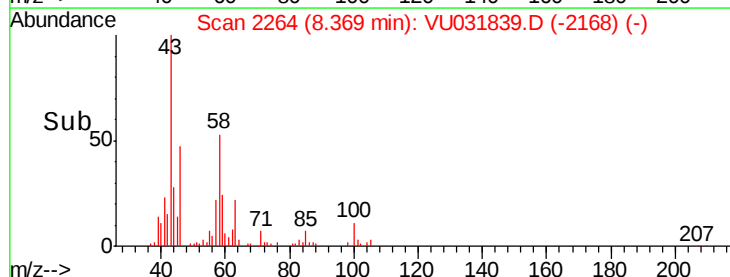
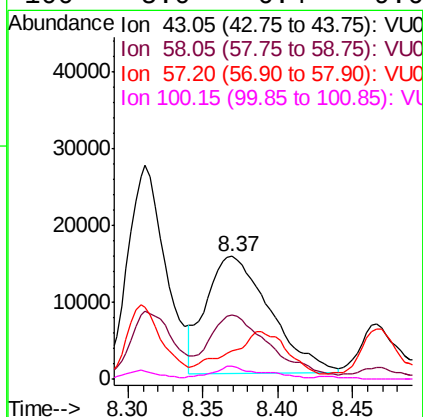
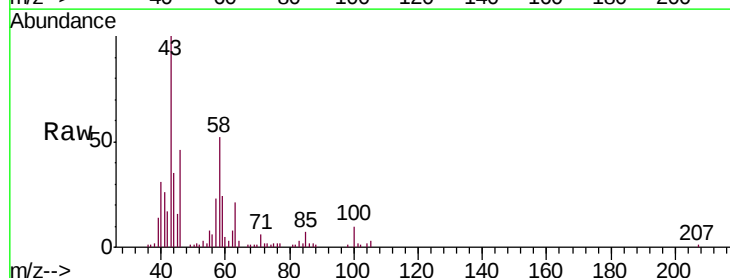
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 MSVOA_U
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 C0JP3

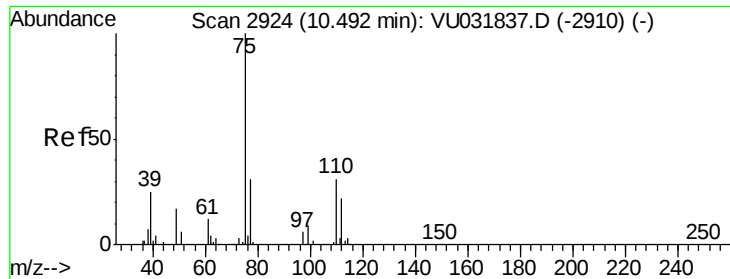
Tgt Ion: 83 Resp: 15327
 Ion Ratio Lower Upper
 83 100
 85 342.1 41.3 76.7#
 127 0.0 5.8 8.6#



#48
 2-Hexanone
 Concen: 2.069 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU031839.D
 Acq: 08 May 2019 23:06

Tgt Ion: 43 Resp: 45175
 Ion Ratio Lower Upper
 43 100
 58 50.4 40.2 60.2
 57 34.4 13.8 20.6#
 100 5.0 6.4 9.6#





#59

1,2,3-Trichloropropane

Concen: 0.915 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031839.D

Acq: 08 May 2019 23:06

Instrument :

MSVOA_U

ClientSampleId :

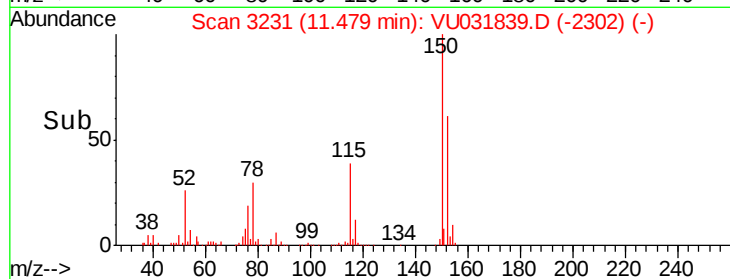
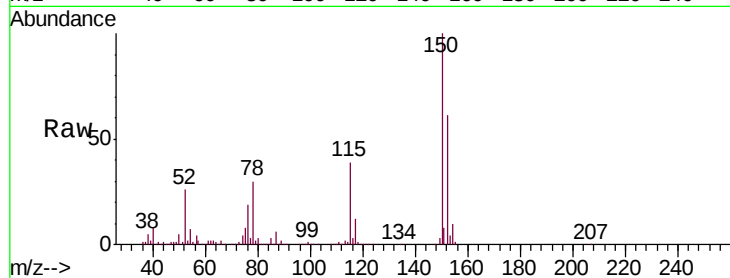
C0JP3

Tgt Ion: 75 Resp: 24725

Ion Ratio Lower Upper

75 100

77 38.8 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

