

Data File : VU031490.D
Acq On : 24 Apr 2019 23:11
Operator : JC/SP
Sample : K2536-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XA3

Quant Time: Apr 25 06:12:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 06:05:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	285003	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	293704	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105887	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	121516	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.68	69	98400	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.27	63	185146	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.20	46	355554	58.12	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.24%
24) Chloroform-d	4.64	84	215316	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.00%
26) 1,2-Dichloroethane-d4	5.31	65	119167	6.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.80%
32) Benzene-d6	5.33	84	413253	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.32	67	144146	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.56	98	320383	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	44082	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.31	63	220618	44.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108411	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	114719	6.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.20%#

Target Compounds

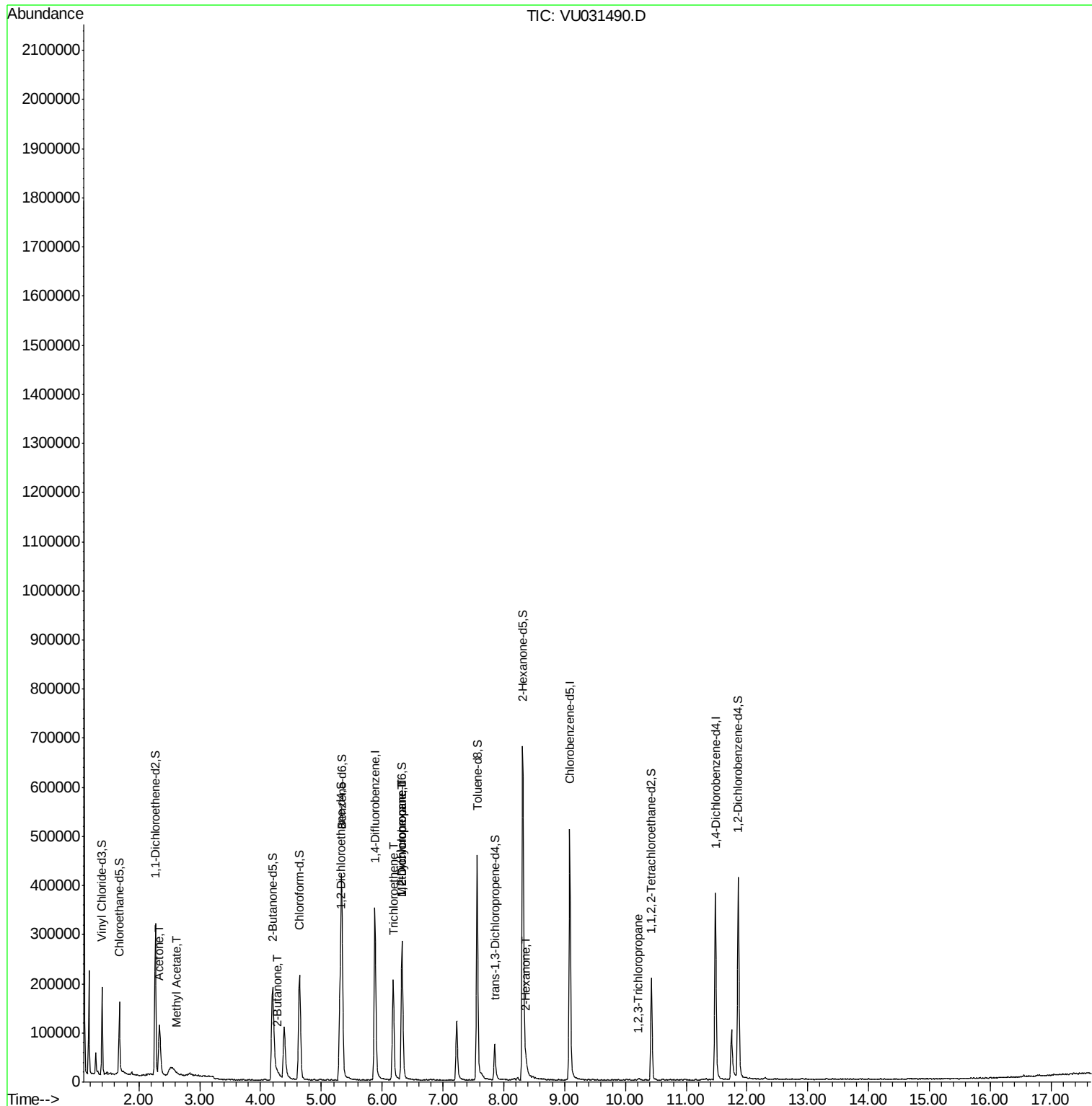
					Qvalue
13) Acetone	2.34	43	142994	32.896 ug/L	98
15) Methyl Acetate	2.63	43	2343	0.195 ug/L #	67
21) 2-Butanone	4.29	43	6189	0.936 ug/L #	60
34) Trichloroethene	6.18	95	78113	3.266 ug/L	94
35) Methylcyclohexane	6.33	83	30325	0.857 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	15624	0.642 ug/L #	89
48) 2-Hexanone	8.37	43	17274	1.480 ug/L #	63
59) 1,2,3-Trichloropropane	10.22	75	2273	0.148 ug/L #	58

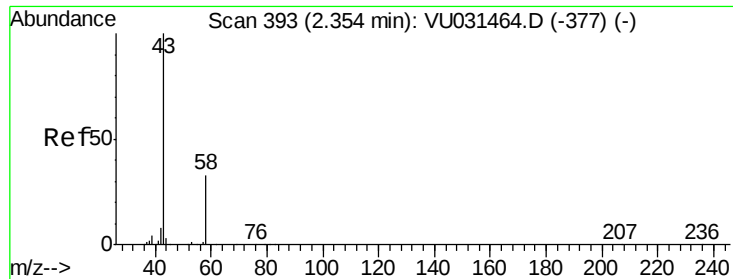
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 32.896 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU031490.D

Acq: 24 Apr 2019 23:11

Instrument :

MSVOA_U

ClientSampleId :

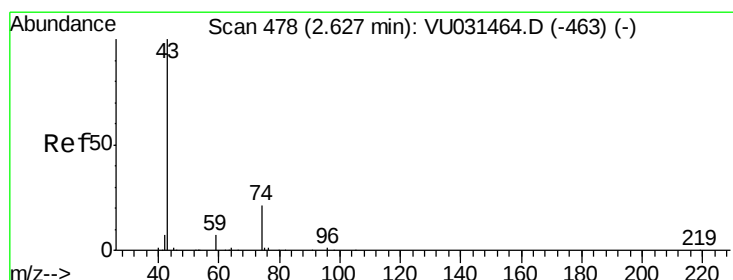
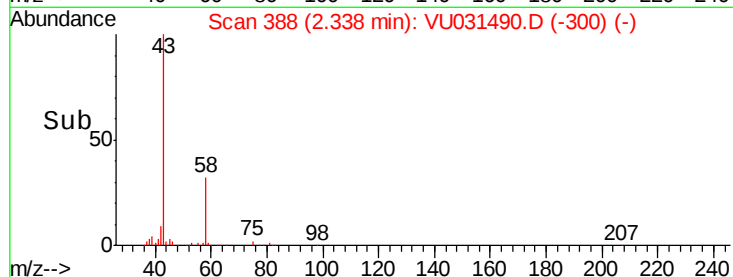
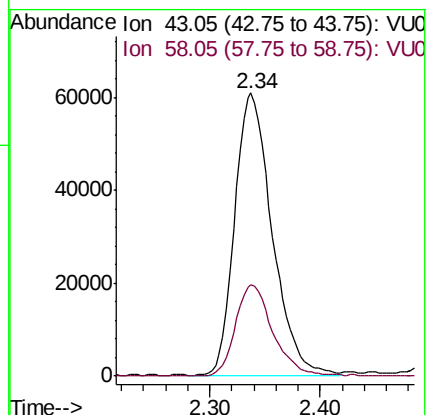
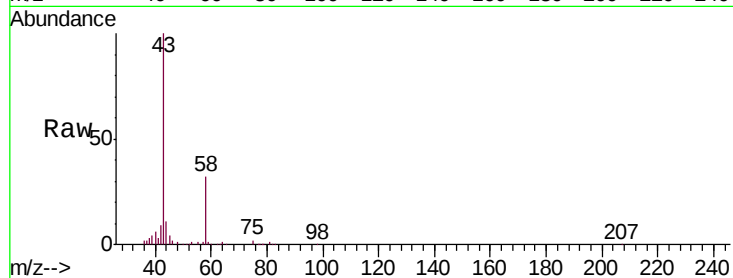
C0XA3

Tgt Ion: 43 Resp: 142994

Ion Ratio Lower Upper

43 100

58 32.3 0.0 62.4



#15

Methyl Acetate

Concen: 0.195 ug/L

RT: 2.63 min Scan# 478

Delta R.T. -0.00 min

Lab File: VU031490.D

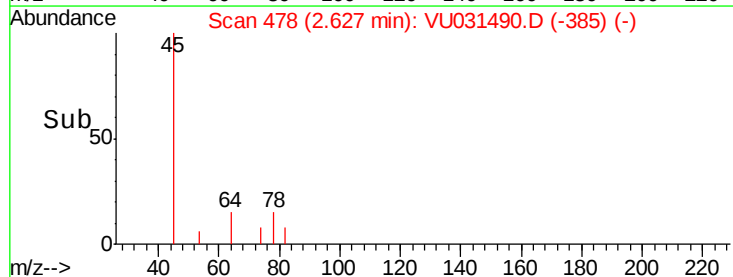
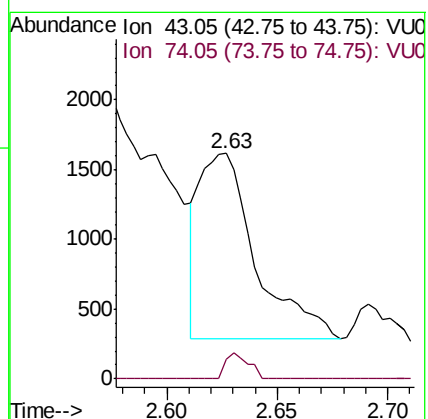
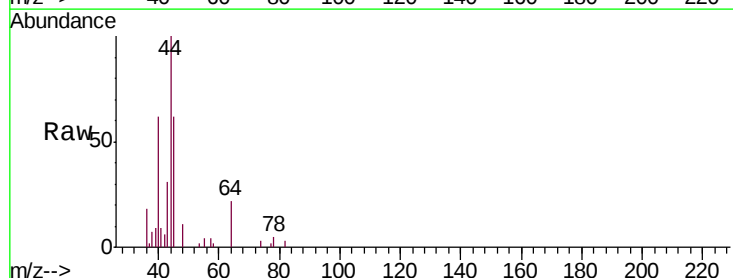
Acq: 24 Apr 2019 23:11

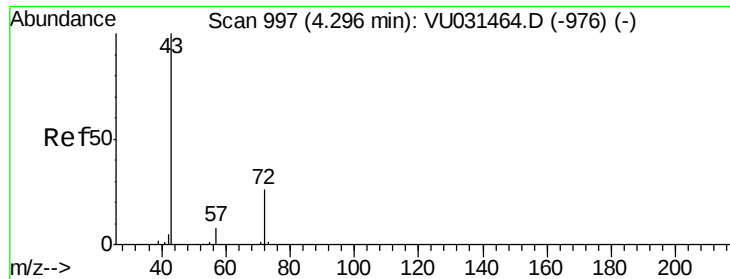
Tgt Ion: 43 Resp: 2343

Ion Ratio Lower Upper

43 100

74 5.6 17.1 25.7#





#21

2-Butanone

Concen: 0.936 ug/L

RT: 4.29 min Scan# 994

Delta R.T. -0.01 min

Lab File: VU031490.D

Acq: 24 Apr 2019 23:11

Instrument :

MSVOA_U

ClientSampleId :

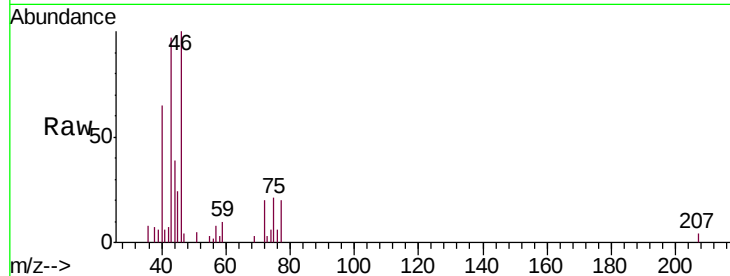
C0XA3

Tgt Ion: 43 Resp: 6189

Ion Ratio Lower Upper

43 100

72 3.7 11.7 35.0#

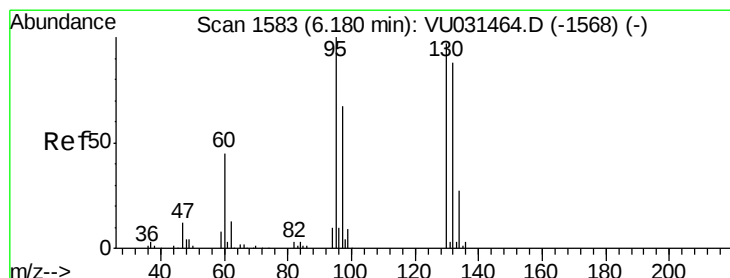
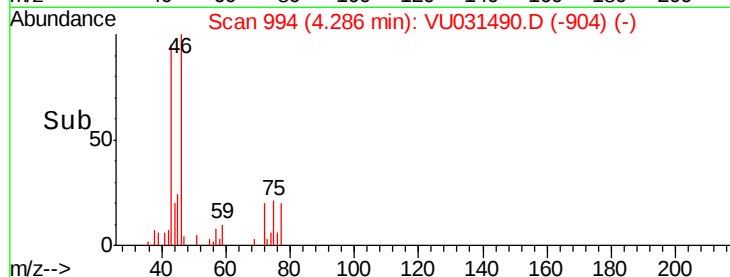


Abundance Ion 43.05 (42.75 to 43.75): VU031464.D (-976) (-)

Ion 72.10 (71.80 to 72.80): VU031464.D (-976) (-)

4.29

Time-->



#34

Trichloroethene

Concen: 3.266 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031490.D

Acq: 24 Apr 2019 23:11

Tgt Ion: 95 Resp: 78113

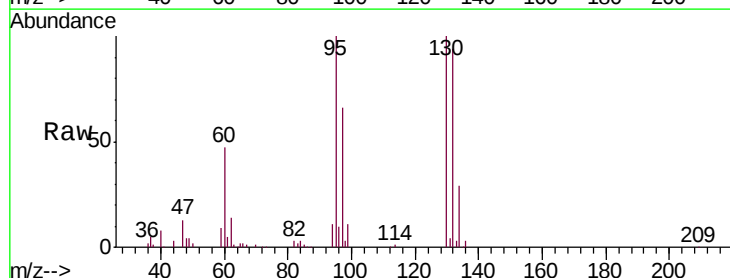
Ion Ratio Lower Upper

95 100

97 65.6 44.3 82.3

132 94.0 59.9 111.3

130 99.8 67.1 124.5



Abundance Ion 95.00 (94.70 to 95.70): VU031464.D (-1568) (-)

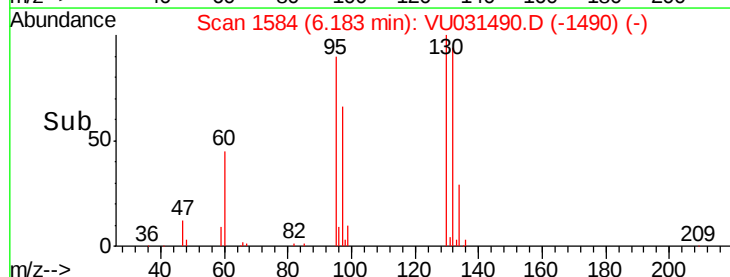
Ion 96.95 (96.65 to 97.65): VU031464.D (-1568) (-)

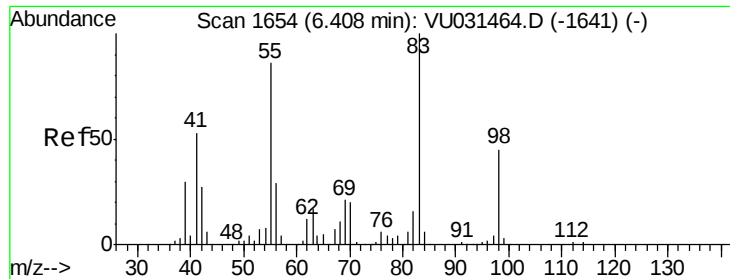
Ion 131.95 (131.65 to 132.65): VU031464.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU031464.D (-1568) (-)

6.18

Time-->

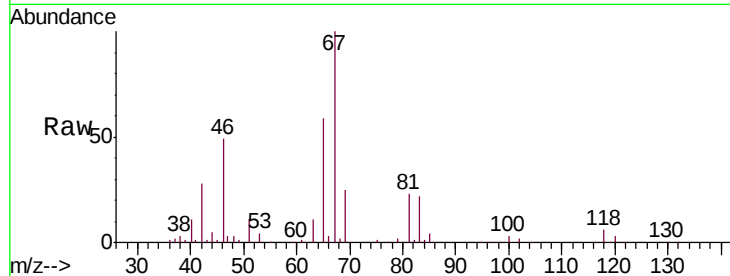




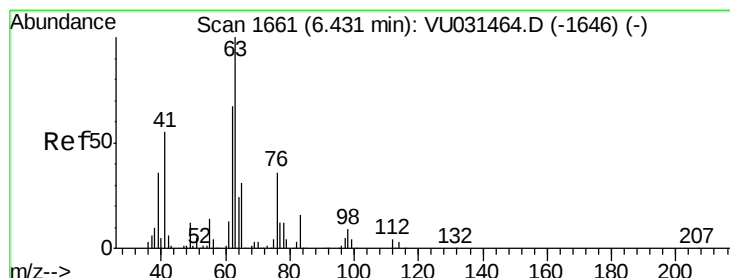
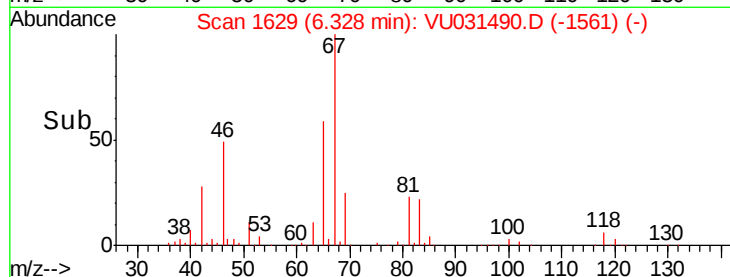
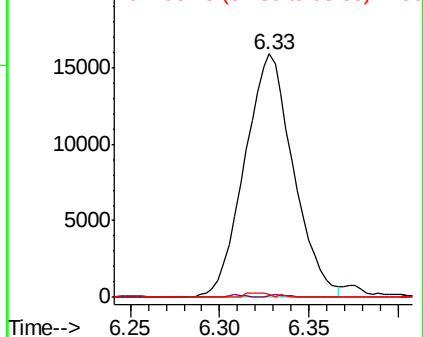
#35
Methylcyclohexane
Concen: 0.857 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031490.D
Acq: 24 Apr 2019 23:11

Instrument :
MSVOA_U
ClientSampleId :
C0XA3

Tgt Ion: 83 Resp: 30325
Ion Ratio Lower Upper
83 100
55 0.4 71.1 106.7#
98 0.9 36.6 54.8#

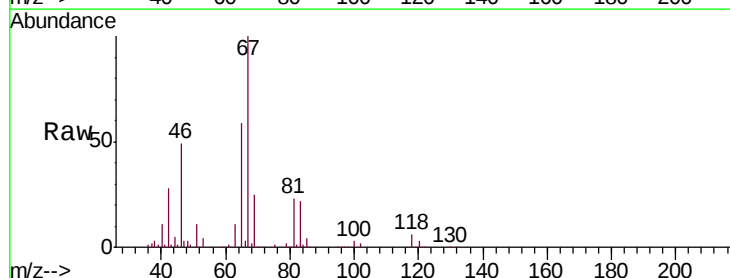


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

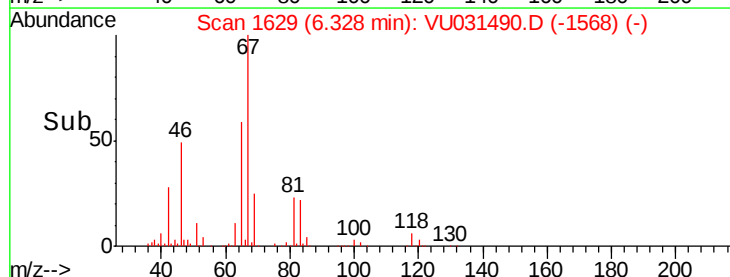
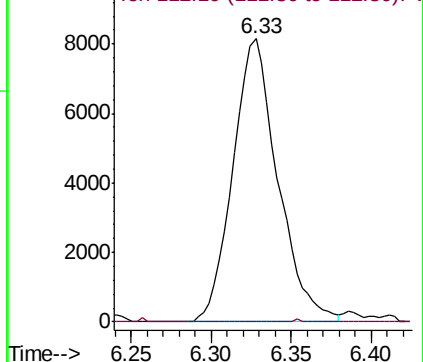


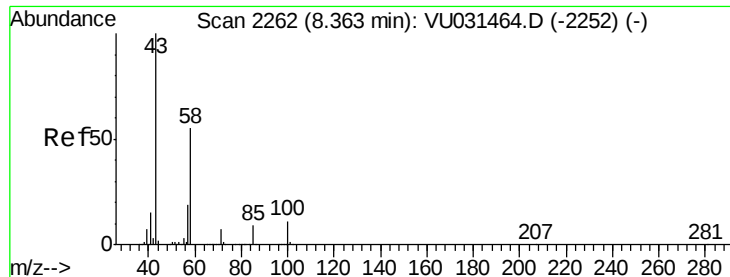
#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031490.D
Acq: 24 Apr 2019 23:11

Tgt Ion: 63 Resp: 15624
Ion Ratio Lower Upper
63 100
112 0.1 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

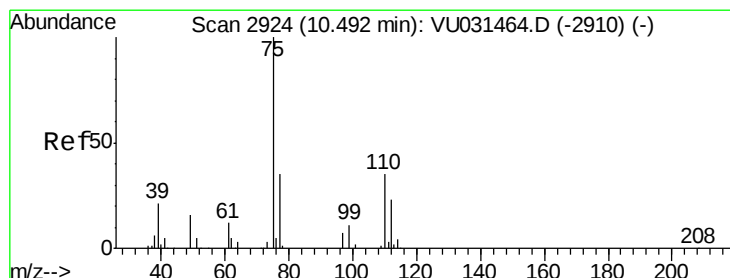
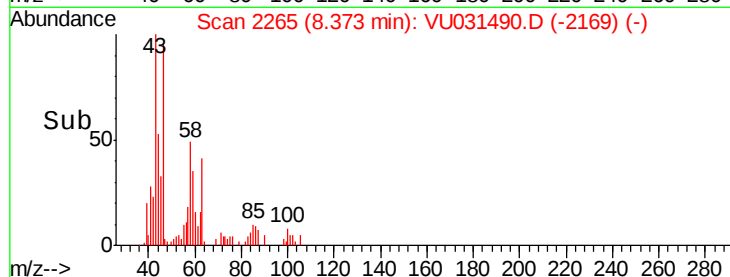
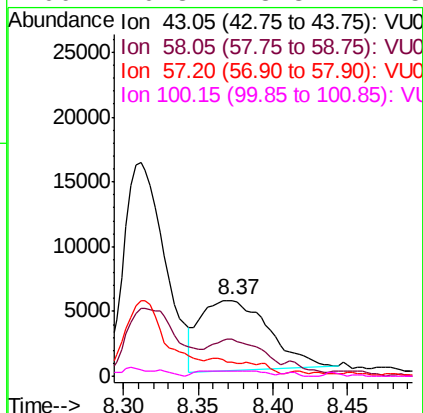
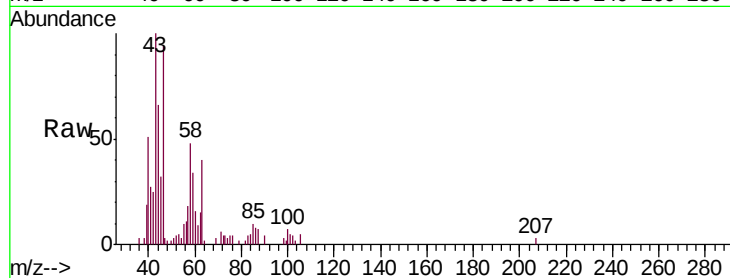




#48
 2-Hexanone
 Concen: 1.480 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031490.D
 Acq: 24 Apr 2019 23:11

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XA3

Tgt Ion: 43 Resp: 17274
 Ion Ratio Lower Upper
 43 100
 58 26.7 44.6 67.0#
 57 3.0 15.3 22.9#
 100 0.3 8.3 12.5#



#59
 1,2,3-Trichloropropane
 Concen: 0.148 ug/L
 RT: 10.22 min Scan# 2839
 Delta R.T. -0.27 min
 Lab File: VU031490.D
 Acq: 24 Apr 2019 23:11

Tgt Ion: 75 Resp: 2273
 Ion Ratio Lower Upper
 75 100
 77 8.8 25.7 38.5#

