

Data File : VU034404.D
Acq On : 08 Sep 2019 01:28
Operator : JC/SP
Sample : K4703-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD89

Quant Time: Sep 08 03:49:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	275035	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282856	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	125768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73273	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.68	69	68780	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.26	63	108527	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.17	46	201876	47.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.36%
24) Chloroform-d	4.63	84	162007	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.29	65	77529	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.32	84	330502	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.31	67	106215	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.55	98	277317	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.83	79	32003	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.30	63	140943	39.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	82270	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	113369	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

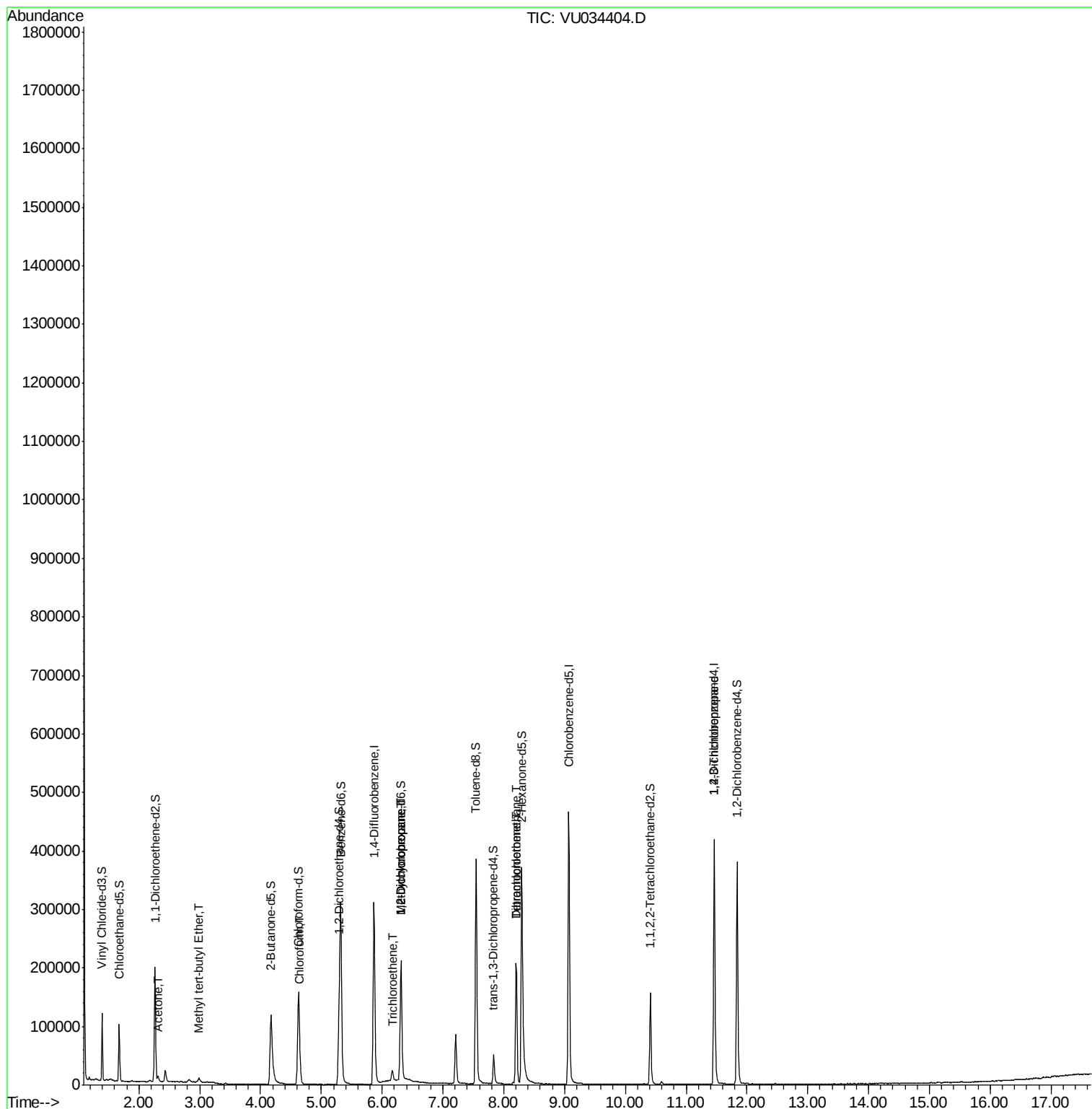
					Qvalue
13) Acetone	2.31	43	8600	3.002	ug/L 95
17) Methyl tert-butyl Ether	2.99	73	6459	0.152	ug/L # 82
25) Chloroform	4.65	83	9126	0.246	ug/L 93
34) Trichloroethene	6.17	95	6145	0.279	ug/L 96
35) Methylcyclohexane	6.31	83	24583	0.673	ug/L # 18
37) 1,2-Dichloropropane	6.31	63	10801	0.490	ug/L # 90
47) Tetrachloroethene	8.21	164	52504	2.897	ug/L 93
49) Dibromochloromethane	8.21	129	46360	2.764	ug/L # 11
59) 1,2,3-Trichloropropane	11.46	75	13733	1.088	ug/L 94

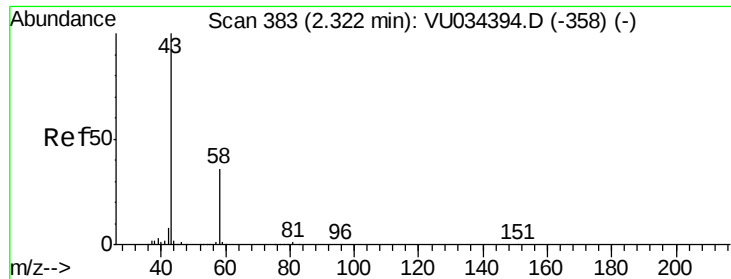
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.002 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034404.D

Acq: 08 Sep 2019 01:28

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MSVOA_U

ClientSampleId :

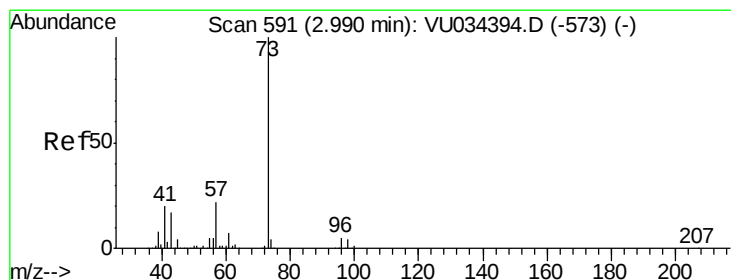
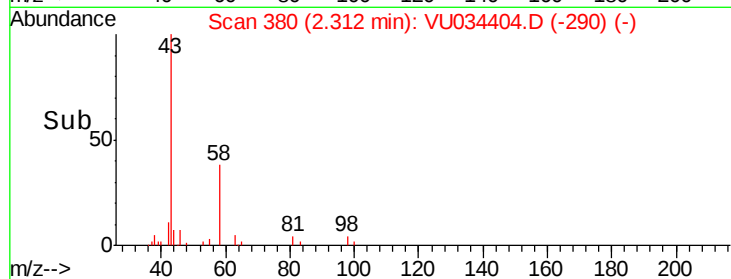
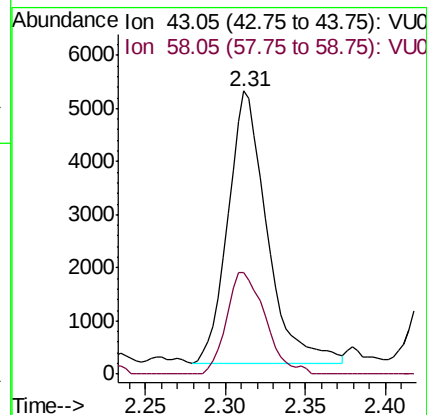
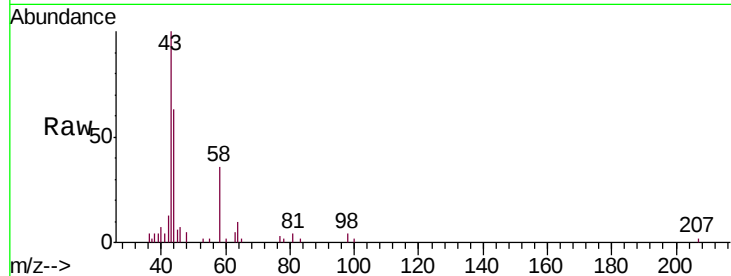
BFD89

Tgt Ion: 43 Resp: 8600

Ion Ratio Lower Upper

43 100

58 36.8 0.0 67.6



#17

Methyl tert-butyl Ether

Concen: 0.152 ug/L

RT: 2.99 min Scan# 591

Delta R.T. -0.00 min

Lab File: VU034404.D

Acq: 08 Sep 2019 01:28

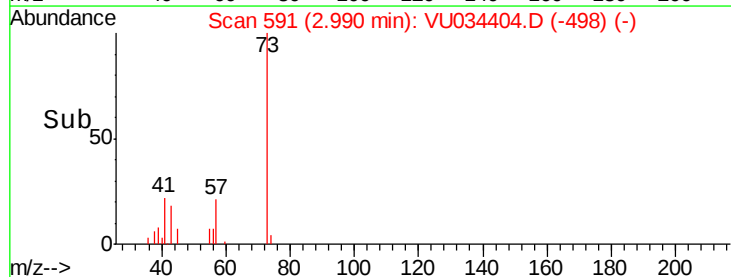
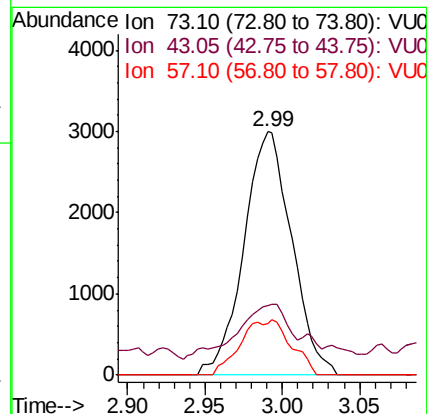
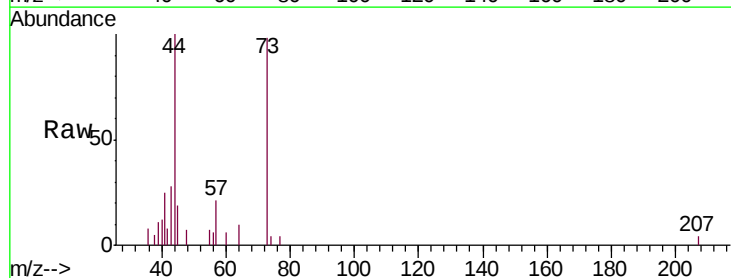
Tgt Ion: 73 Resp: 6459

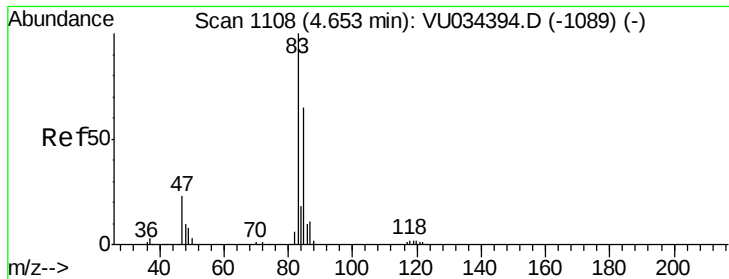
Ion Ratio Lower Upper

73 100

43 23.6 14.7 22.1#

57 11.6 18.6 27.8#





#25

Chloroform

Concen: 0.246 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VU034404.D

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Instrument :

MSVOA_U

ClientSampleId :

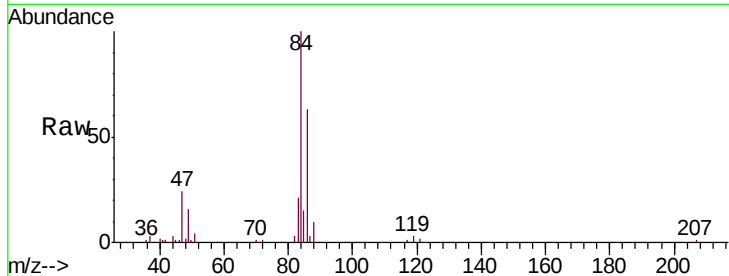
BFD89

Tgt Ion: 83 Resp: 9126

Ion Ratio Lower Upper

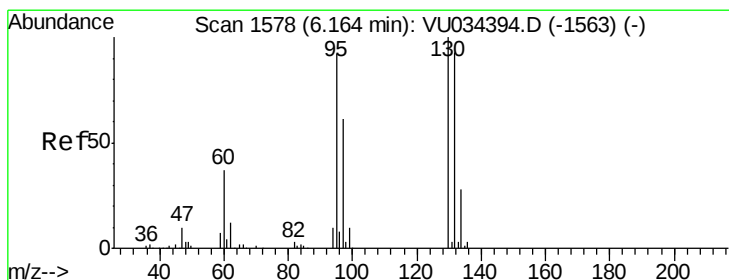
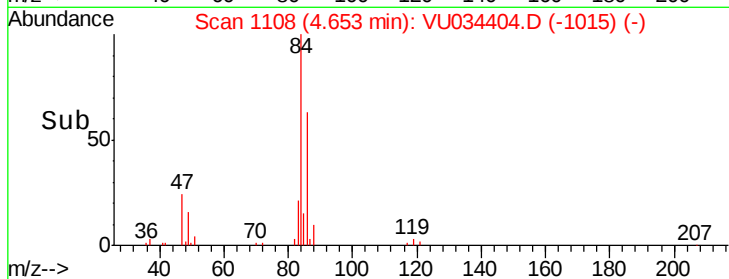
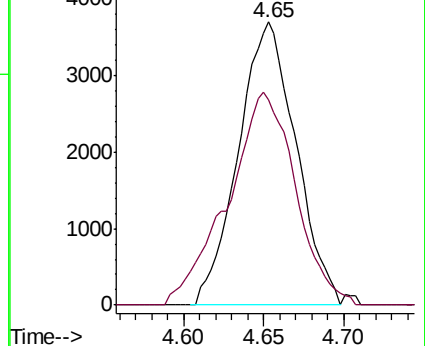
83 100

85 72.5 46.8 86.8



Abundance Ion 83.05 (82.75 to 83.75): VU034404.D (-1015) (-)

Ion 85.00 (84.70 to 85.70): VU034404.D (-1015) (-)



#34

Trichloroethene

Concen: 0.279 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034404.D

Acq: 08 Sep 2019 01:28

Tgt Ion: 95 Resp: 6145

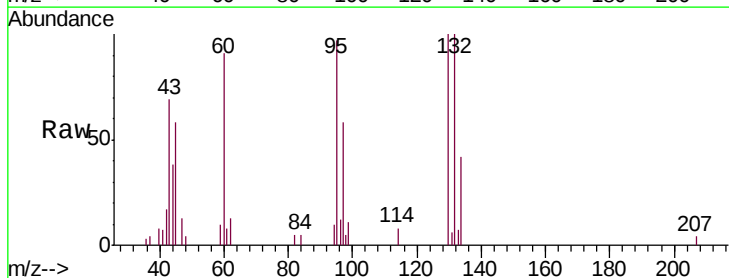
Ion Ratio Lower Upper

95 100

97 59.5 43.3 80.5

132 103.5 68.6 127.4

130 103.0 70.5 130.9

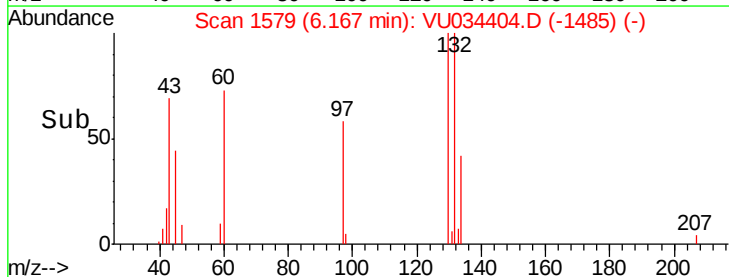
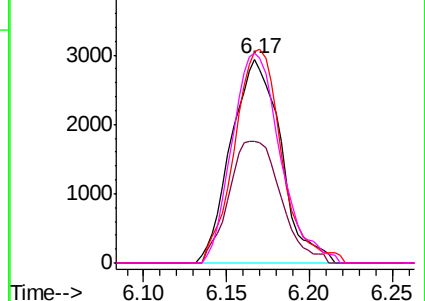


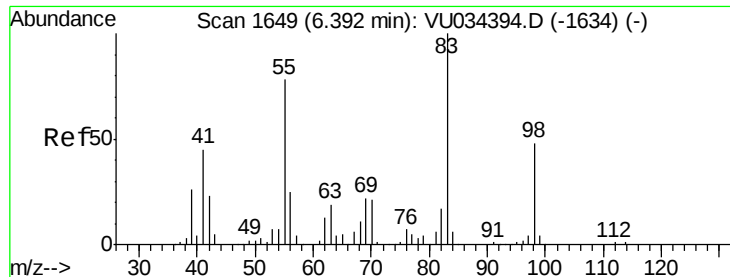
Abundance Ion 95.00 (94.70 to 95.70): VU034404.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VU034404.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VU034404.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VU034404.D (-1485) (-)

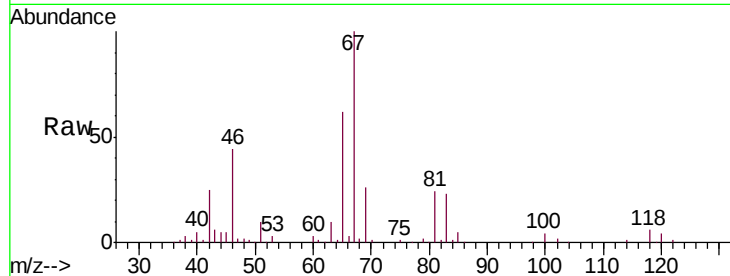




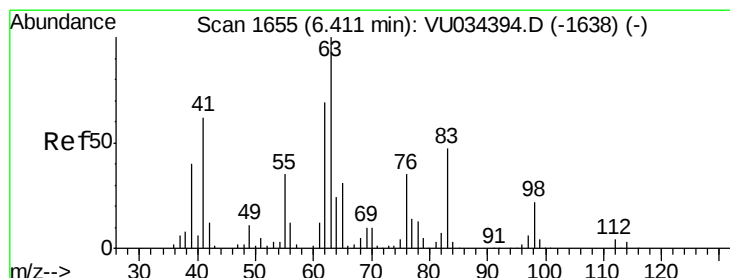
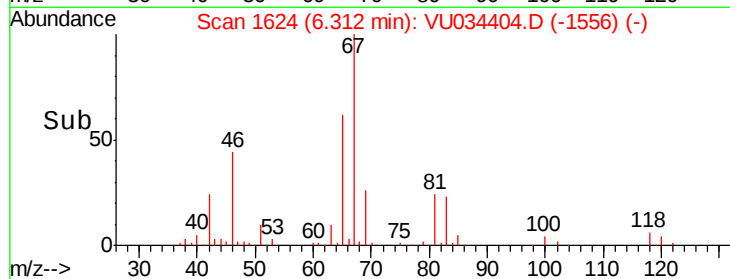
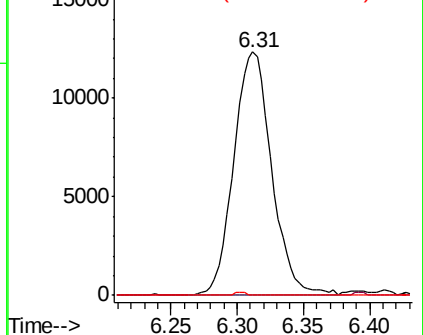
#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034404.D
Acq: 08 Sep 2019 01:28

Instrument :
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Tgt Ion: 83 Resp: 24583
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 0.3 36.2 54.2#

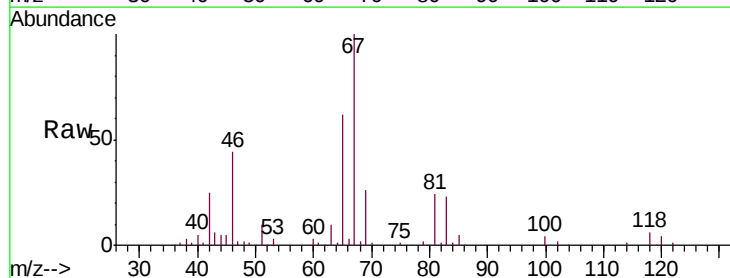


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

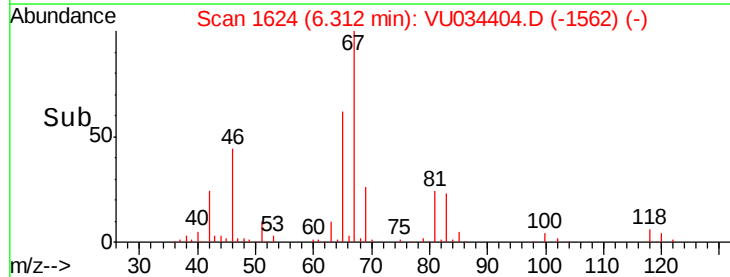
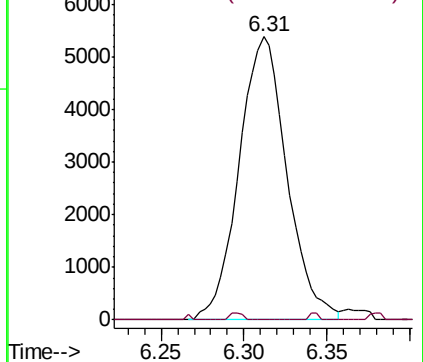


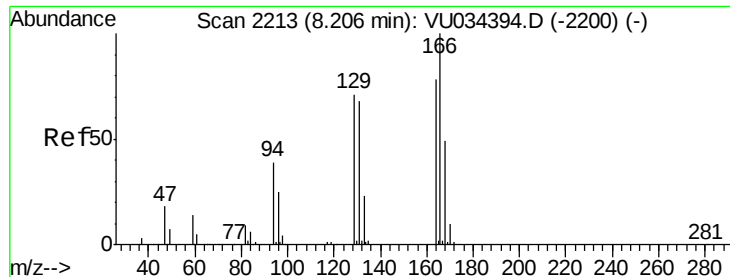
#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034404.D
Acq: 08 Sep 2019 01:28

Tgt Ion: 63 Resp: 10801
Ion Ratio Lower Upper
63 100
112 0.7 3.3 4.9#



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

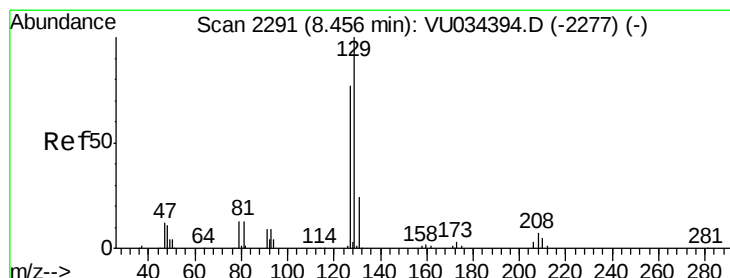
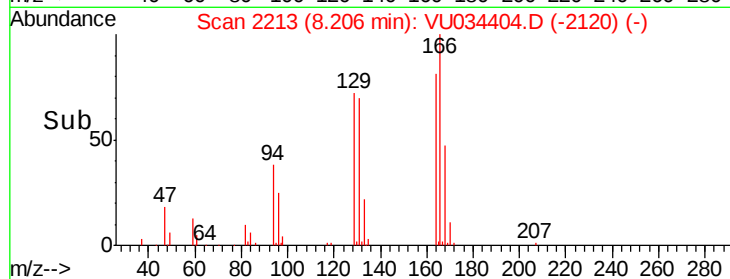
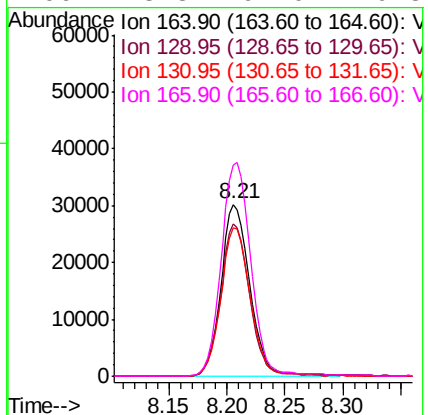
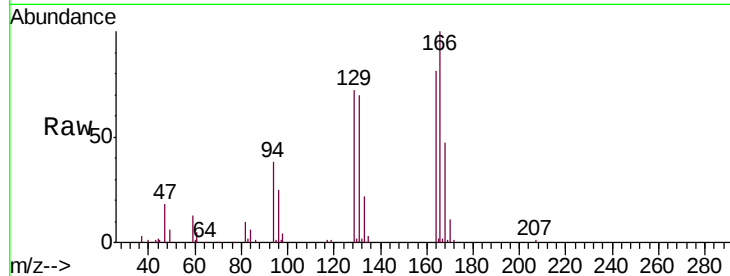




#47
Tetrachloroethene
Concen: 2.897 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034404.D
Acq: 08 Sep 2019 01:28

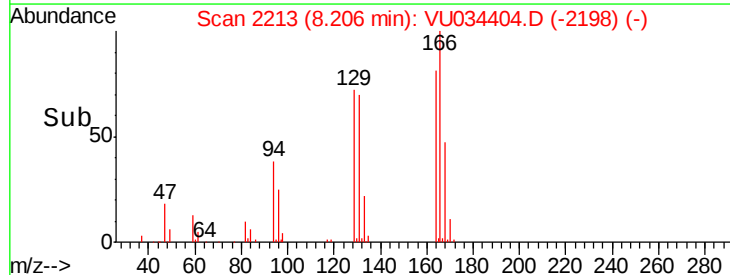
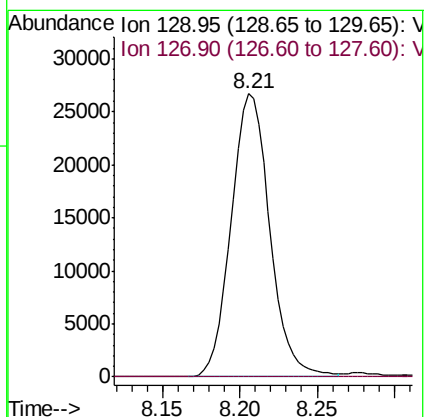
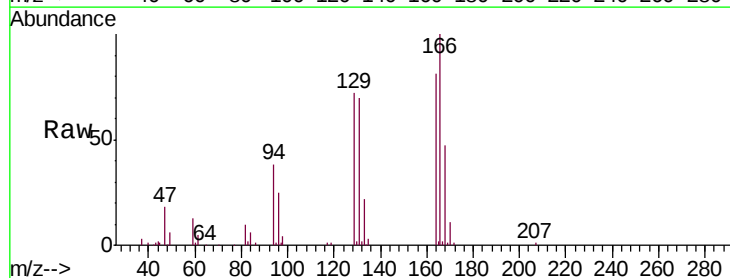
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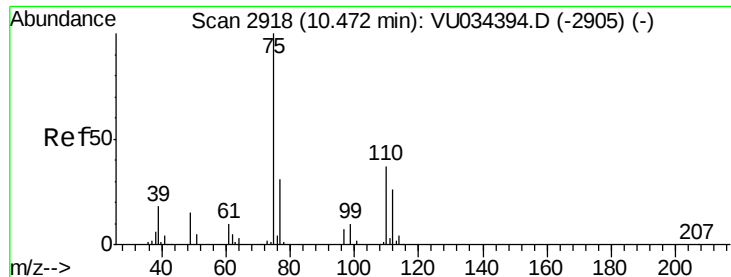
Tgt Ion:164 Resp: 52504
Ion Ratio Lower Upper
164 100
129 88.5 68.0 126.2
131 86.6 64.6 120.0
166 123.3 92.0 170.8



#49
Dibromochloromethane
Concen: 2.764 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034404.D
Acq: 08 Sep 2019 01:28

Tgt Ion:129 Resp: 46360
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#





#59

1,2,3-Trichloropropane

Concen: 1.088 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034404.D

Acq: 08 Sep 2019 01:28

Instrument :

MSVOA_U

ClientSampleId :

BFD89

Tgt Ion: 75 Resp: 13733

Ion Ratio Lower Upper

75 100

77 35.9 26.0 39.0

