

Data File : VU034401.D
Acq On : 08 Sep 2019 00:16
Operator : JC/SP
Sample : K4703-08DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD91DL

Quant Time: Sep 08 03:48:50 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	282543	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	298821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	134522	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	73390	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.65	69	67564	4.43	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.26	63	108670	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.17	46	213153	48.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.98%
24) Chloroform-d	4.62	84	161553	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.29	65	79016	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.32	84	332387	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.31	67	109447	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.54	98	286748	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.83	79	35118	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.30	63	169334	45.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	88893	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	117739	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

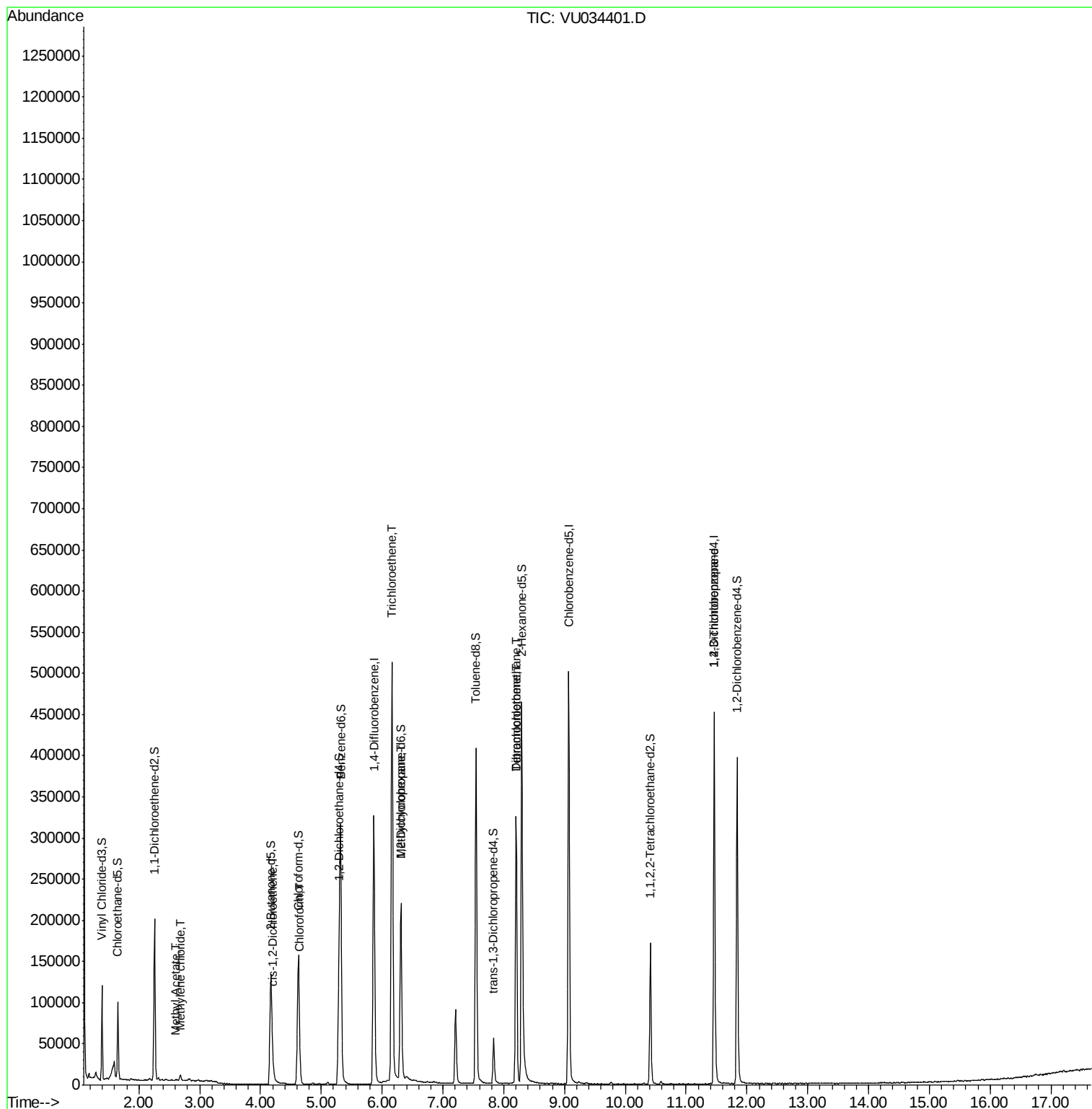
					Qvalue
15) Methyl Acetate	2.60	43	1822	0.221 ug/L #	82
16) Methylene chloride	2.68	84	2941	0.147 ug/L	86
22) cis-1,2-Dichloroethene	4.20	96	3174	0.149 ug/L	96
25) Chloroform	4.65	83	6508	0.171 ug/L	92
34) Trichloroethene	6.16	95	183248	7.867 ug/L	97
35) Methylcyclohexane	6.31	83	24986	0.647 ug/L #	18
47) Tetrachloroethene	8.21	164	80191	4.189 ug/L	95
49) Dibromochloromethane	8.21	129	73393	4.142 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	13870	1.040 ug/L	98

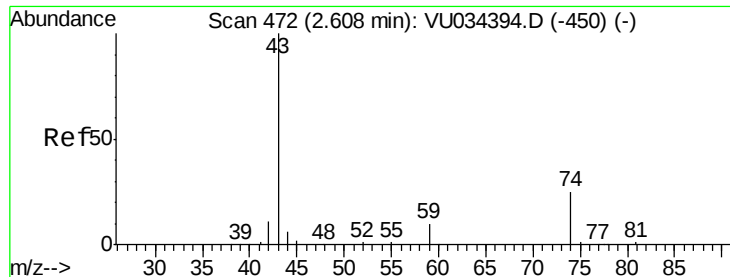
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.221 ug/L

RT: 2.60 min Scan# 471

Delta R.T. -0.00 min

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Acq: 08 Sep 2019 00:16

Instrument :

MSVOA_U

ClientSampleId :

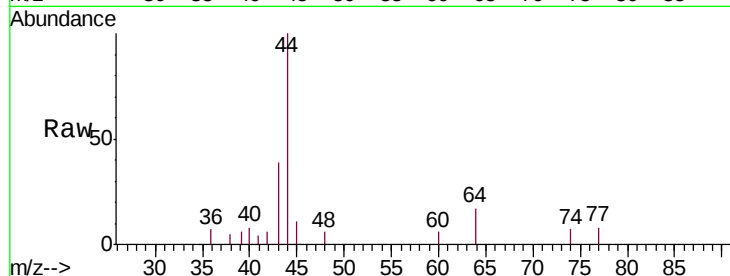
BFD91DL

Tgt Ion: 43 Resp: 1822

Ion Ratio Lower Upper

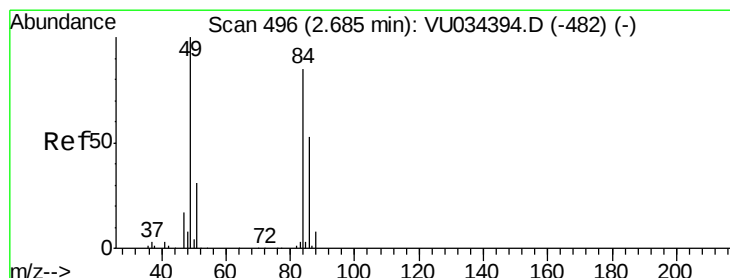
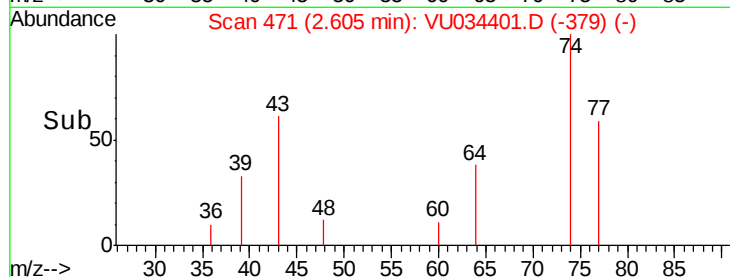
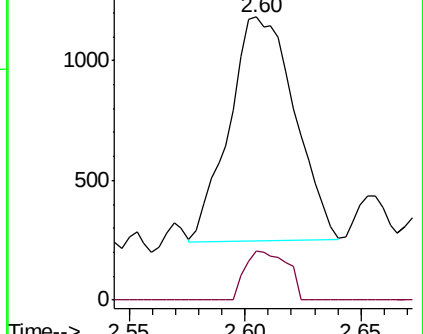
43 100

74 14.2 18.4 27.6#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 0.147 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.00 min

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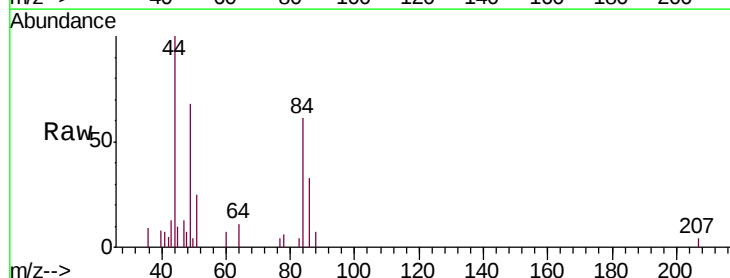
Tgt Ion: 84 Resp: 2941

Ion Ratio Lower Upper

84 100

86 54.7 44.4 82.5

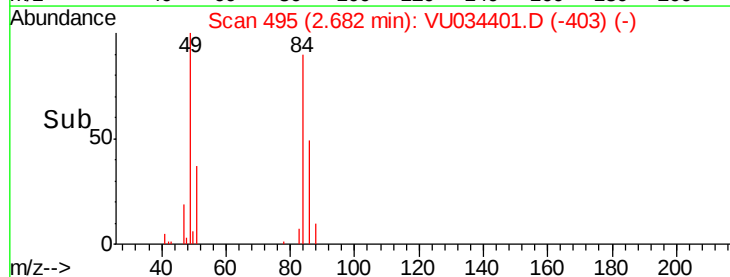
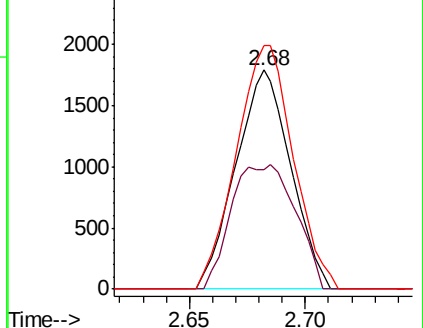
49 111.0 90.2 167.4

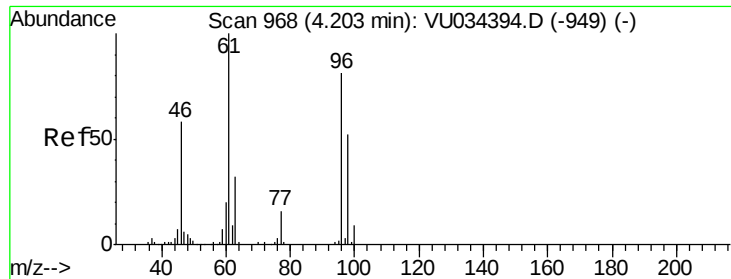


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

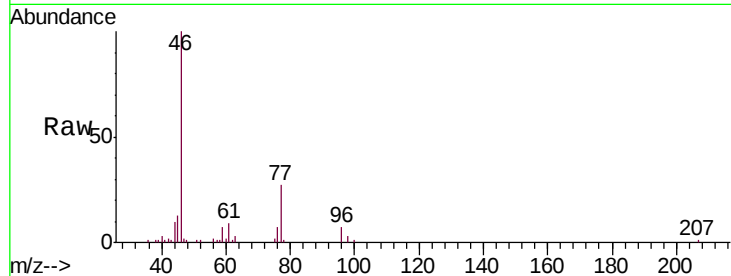




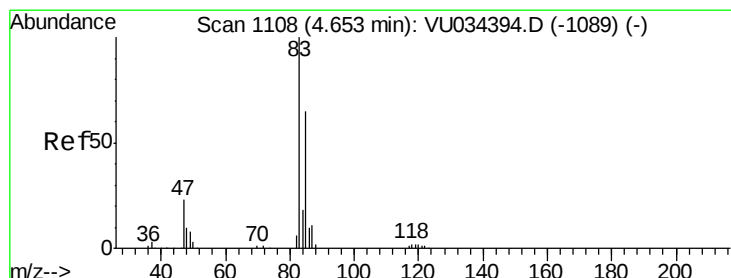
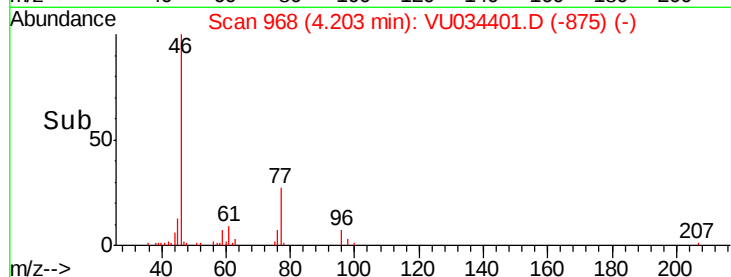
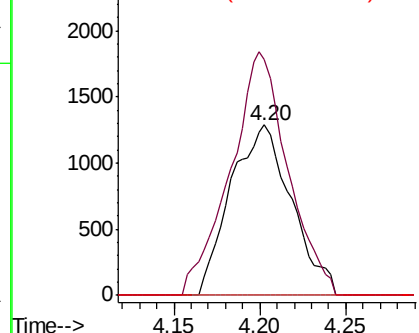
#22
 cis-1,2-Dichloroethene
 Concen: 0.149 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034401.D
 Acq: 08 Sep 2019 00:16

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Tgt Ion: 96 Resp: 3174
 Ion Ratio Lower Upper
 96 100
 61 138.5 93.6 173.8
 68 0.0 0.0 0.0

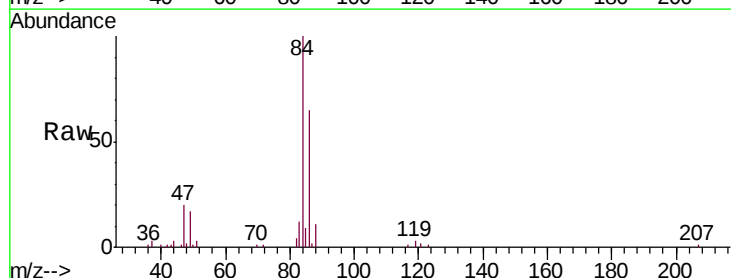


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

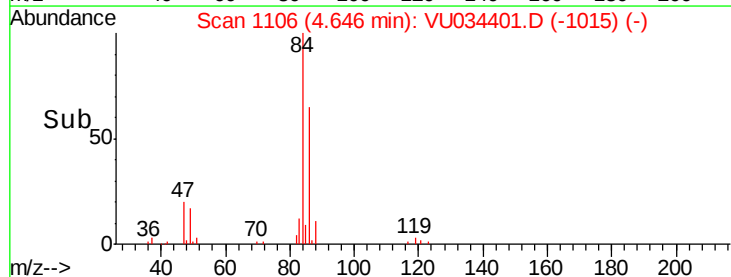
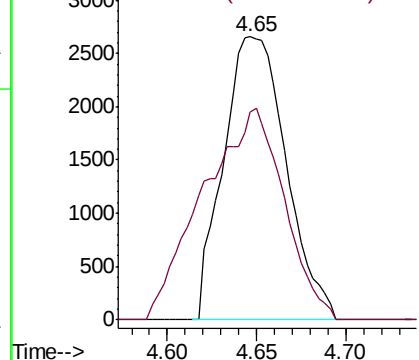


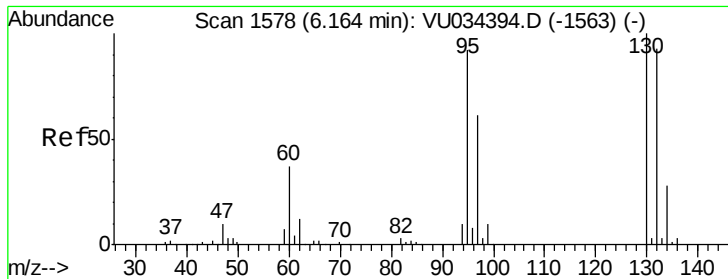
#25
 Chloroform
 Concen: 0.171 ug/L
 RT: 4.65 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: VU034401.D
 Acq: 08 Sep 2019 00:16

Tgt Ion: 83 Resp: 6508
 Ion Ratio Lower Upper
 83 100
 85 73.3 46.8 86.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

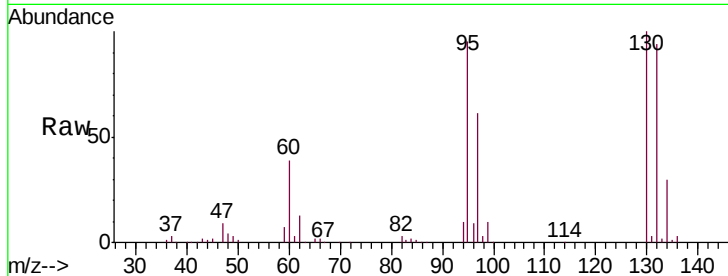




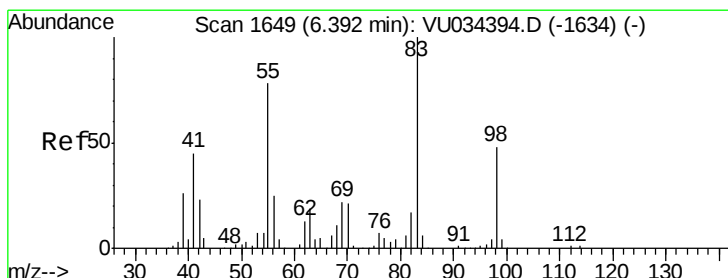
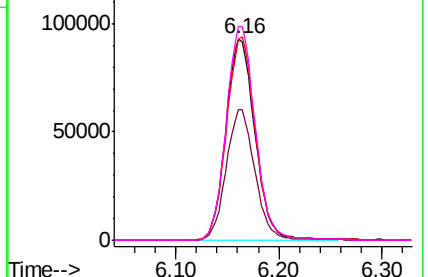
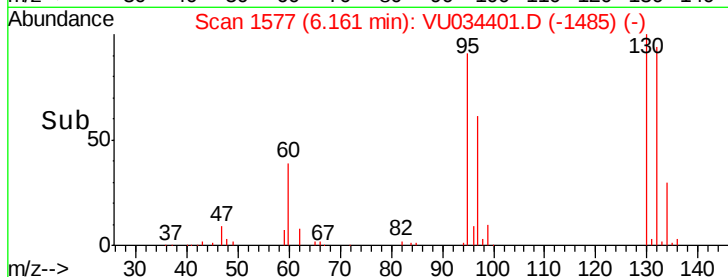
#34
 Trichloroethene
 Concen: 7.867 ug/L
 RT: 6.16 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VU034401.D
 Acq: 08 Sep 2019 00:16

Instrument :
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Tgt Ion: 95 Resp: 183248
 Ion Ratio Lower Upper
 95 100
 97 65.0 43.3 80.5
 132 99.4 68.6 127.4
 130 105.8 70.5 130.9

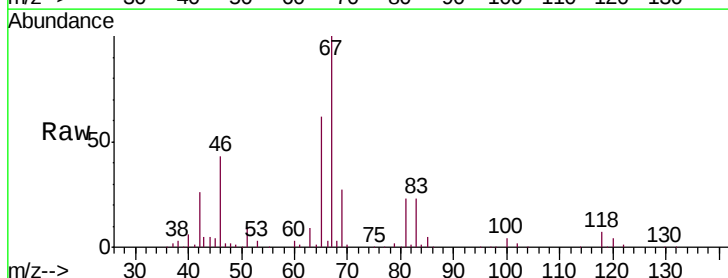


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

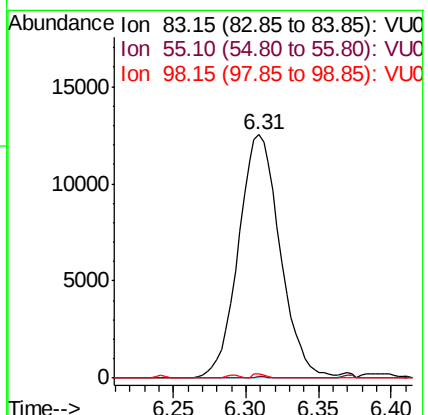
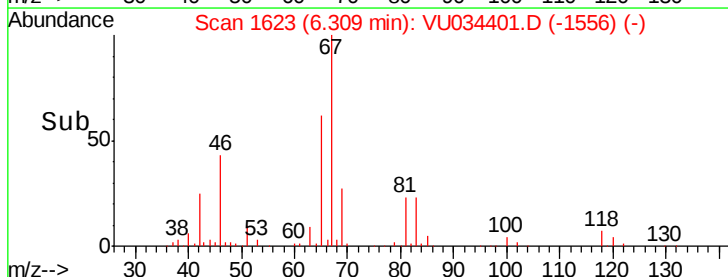


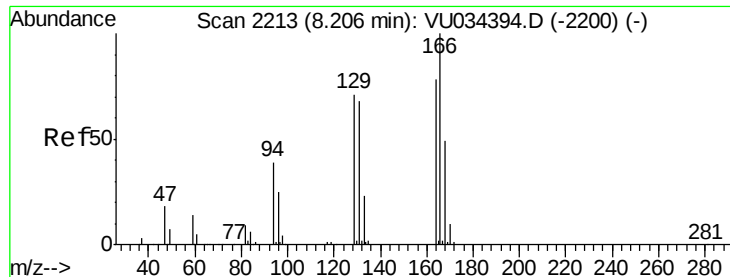
#35
 Methylcyclohexane
 Concen: 0.647 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.08 min
 Lab File: VU034401.D
 Acq: 08 Sep 2019 00:16

Tgt Ion: 83 Resp: 24986
 Ion Ratio Lower Upper
 83 100
 55 0.2 62.6 94.0#
 98 0.0 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

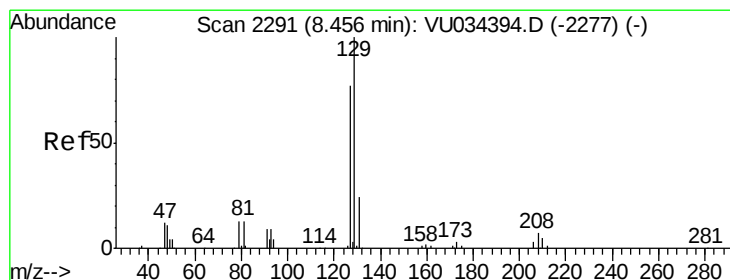
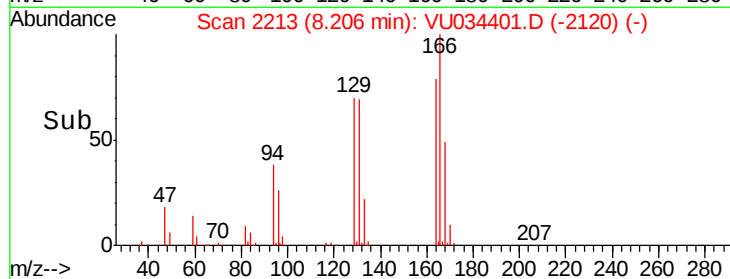
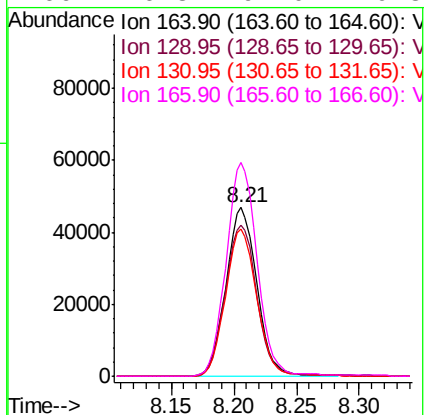
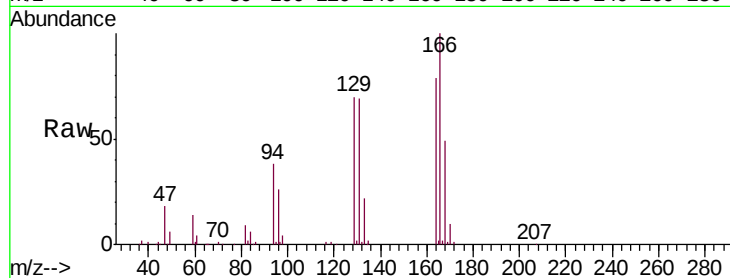




#47
Tetrachloroethene
Concen: 4.189 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034401.D
Acq: 08 Sep 2019 00:16

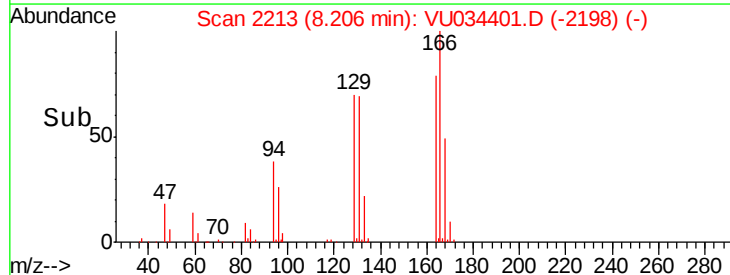
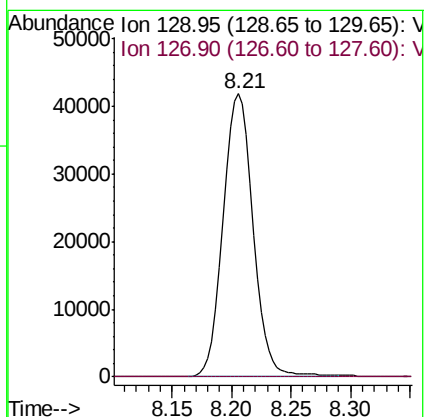
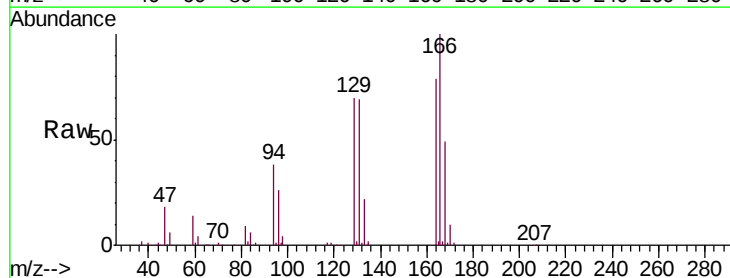
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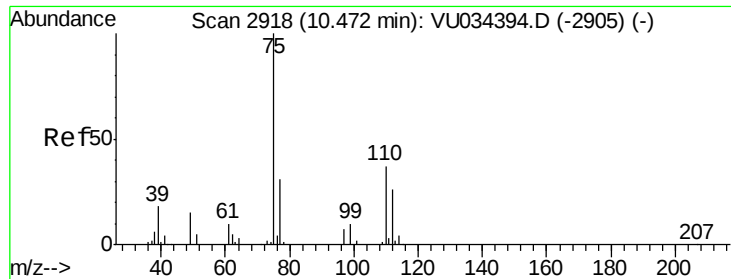
Tgt Ion:164 Resp: 80191
Ion Ratio Lower Upper
164 100
129 89.4 68.0 126.2
131 87.4 64.6 120.0
166 126.8 92.0 170.8



#49
Dibromochloromethane
Concen: 4.142 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034401.D
Acq: 08 Sep 2019 00:16

Tgt Ion:129 Resp: 73393
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#





#59

1,2,3-Trichloropropane

Concen: 1.040 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034401.D

Acq: 08 Sep 2019 00:16

Instrument :

MSVOA_U

ClientSampleId :

BFD91DL

Tgt Ion: 75 Resp: 13870

Ion Ratio Lower Upper

75 100

77 33.4 26.0 39.0

