

Data File : VU034397.D
Acq On : 07 Sep 2019 22:39
Operator : JC/SP
Sample : K4685-06DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD75DL

Quant Time: Sep 08 03:48:06 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	5.86	114	284067	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	287223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	133454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73151	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.68	69	66846	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.26	63	111551	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.17	46	204922	46.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.74%
24) Chloroform-d	4.63	84	161861	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.29	65	79127	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.32	84	332935	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.31	67	109707	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.55	98	287021	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	7.84	79	34826	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.30	63	151063	42.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.28%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	81728	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	119258	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

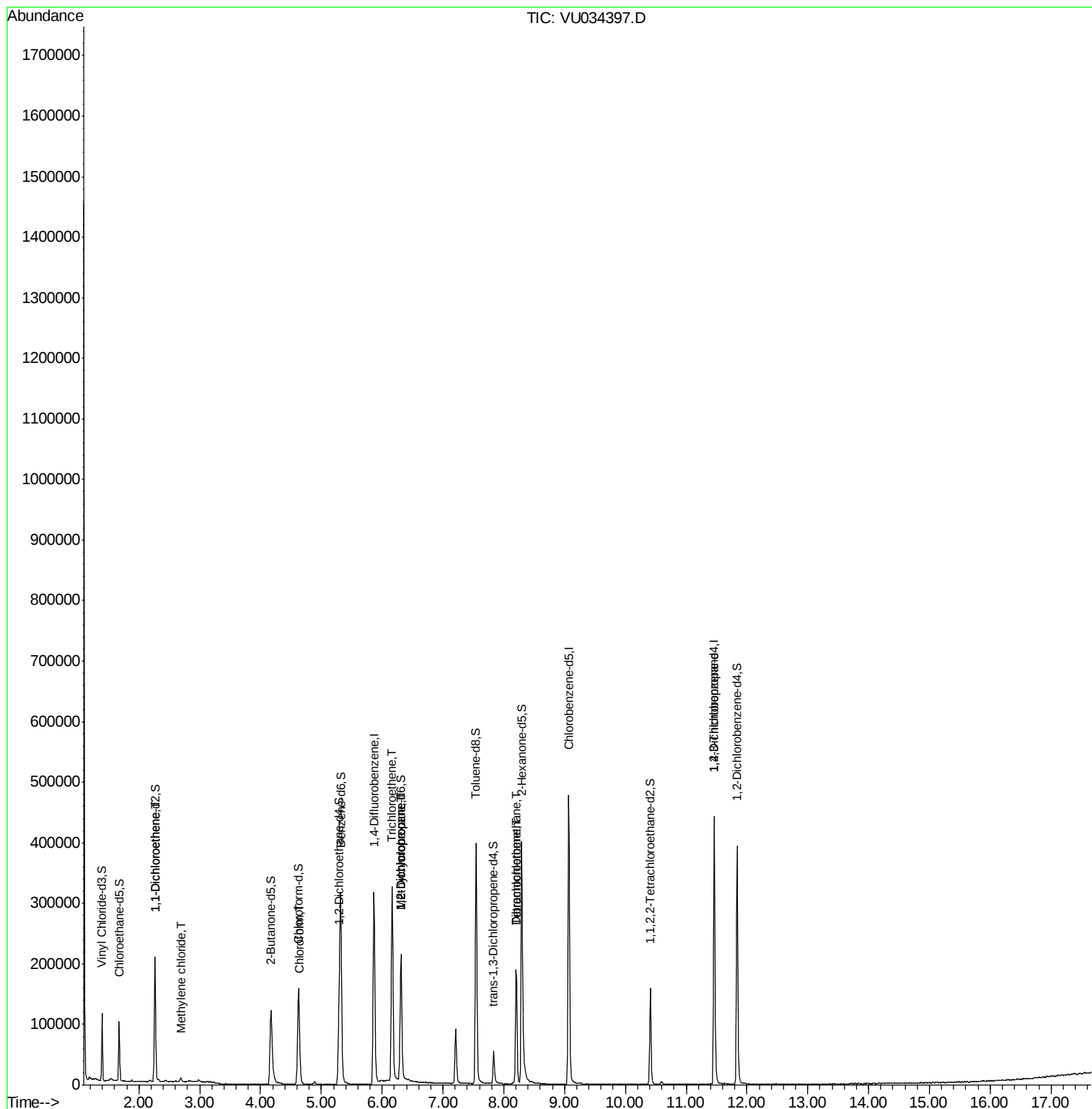
					Qvalue
12) 1,1-Dichloroethene	2.27	96	7724	0.437 ug/L #	1
16) Methylene chloride	2.68	84	2589	0.129 ug/L	83
25) Chloroform	4.65	83	5685	0.148 ug/L	98
34) Trichloroethene	6.16	95	115460	5.157 ug/L	96
35) Methylcyclohexane	6.31	83	24757	0.667 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	10887	0.486 ug/L #	88
47) Tetrachloroethene	8.21	164	47420	2.577 ug/L	97
49) Dibromochloromethane	8.21	129	42657	2.505 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	14510	1.132 ug/L	97

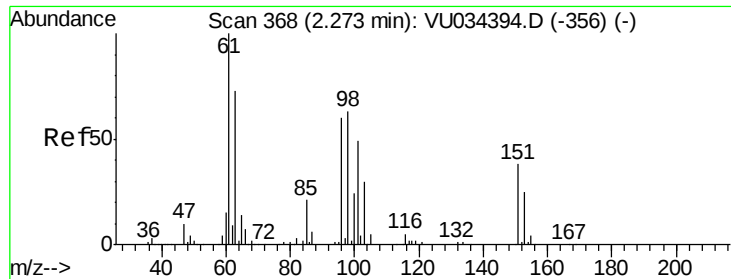
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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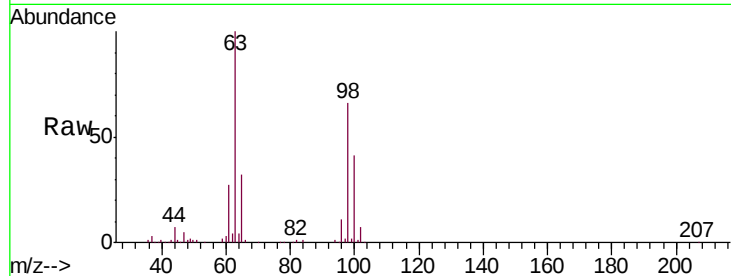




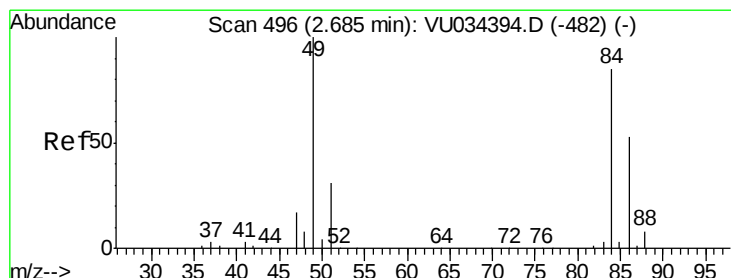
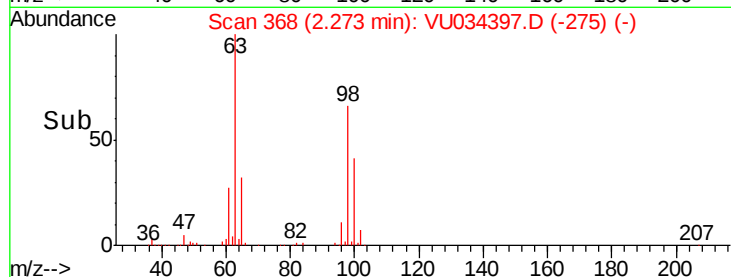
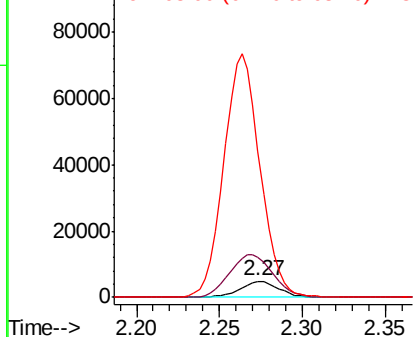
#12
 1,1-Dichloroethene
 Concen: 0.437 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VU034397.D
 Acq: 07 Sep 2019 22:39

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD75DL

Tgt Ion: 96 Resp: 7724
 Ion Ratio Lower Upper
 96 100
 61 251.4 126.6 235.0#
 63 923.8 94.5 175.5#

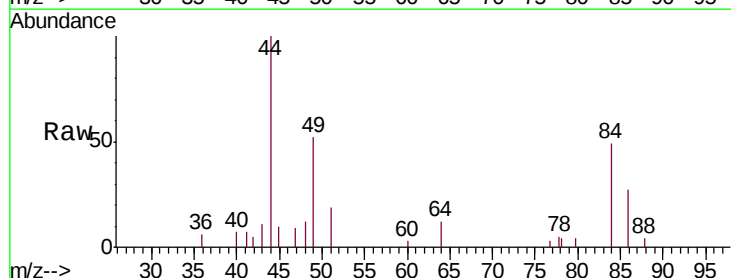


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

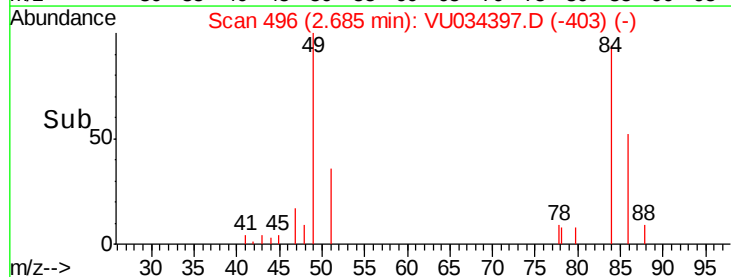
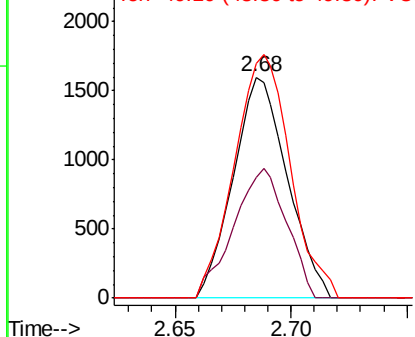


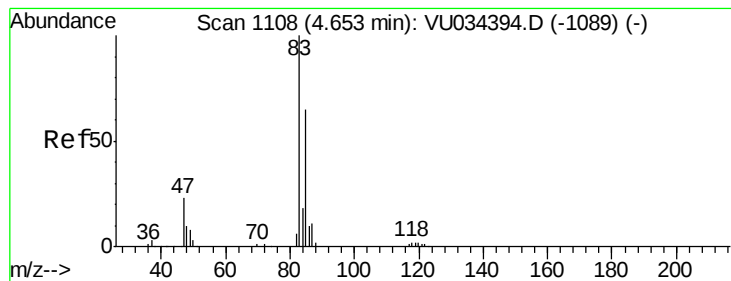
#16
 Methylene chloride
 Concen: 0.129 ug/L
 RT: 2.68 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VU034397.D
 Acq: 07 Sep 2019 22:39

Tgt Ion: 84 Resp: 2589
 Ion Ratio Lower Upper
 84 100
 86 54.8 44.4 82.5
 49 106.2 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





#25

Chloroform

Concen: 0.148 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

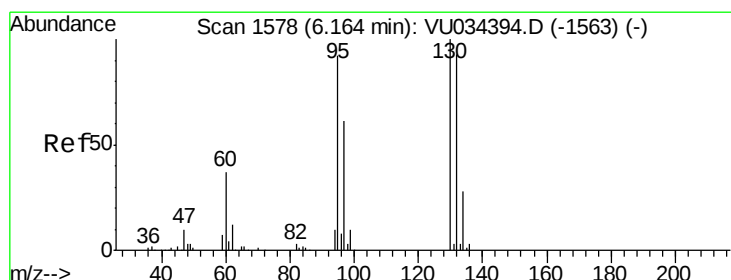
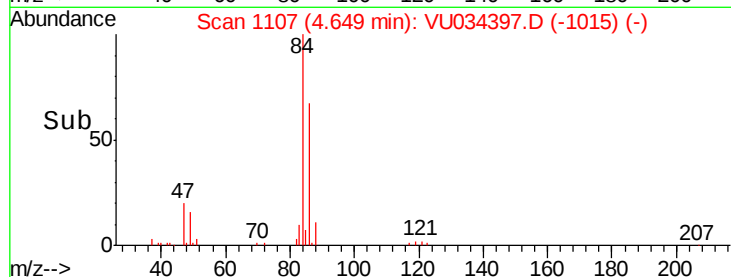
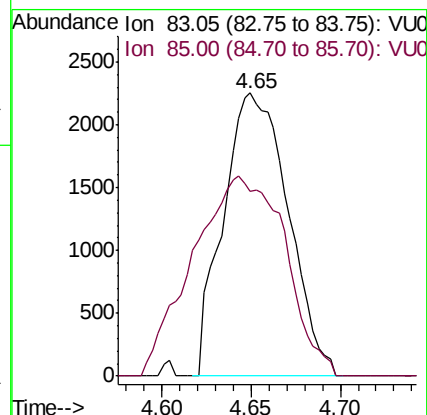
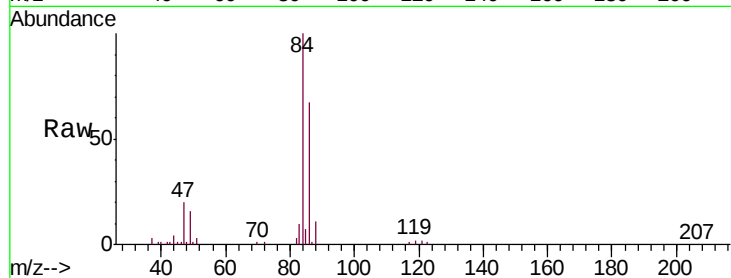
BFD75DL

Tgt Ion: 83 Resp: 5685

Ion Ratio Lower Upper

83 100

85 65.1 46.8 86.8



#34

Trichloroethene

Concen: 5.157 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034397.D

Acq: 07 Sep 2019 22:39

Tgt Ion: 95 Resp: 115460

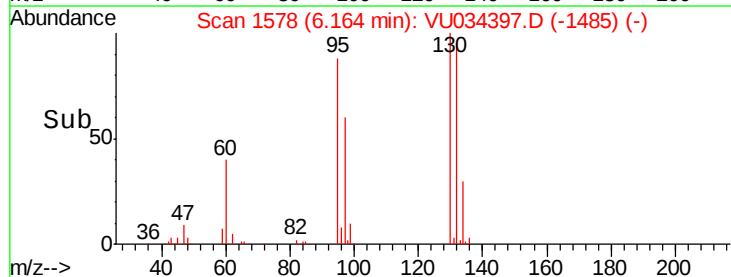
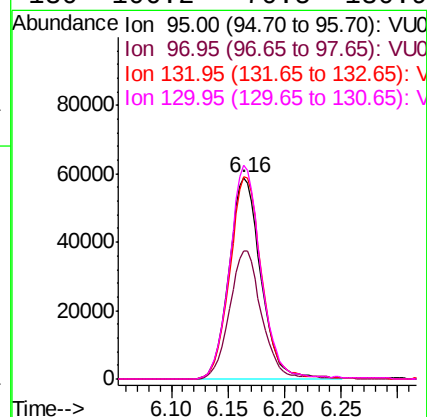
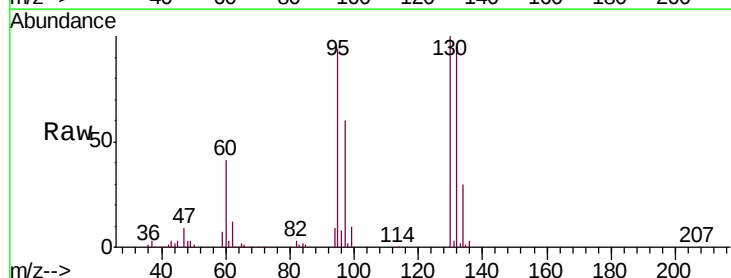
Ion Ratio Lower Upper

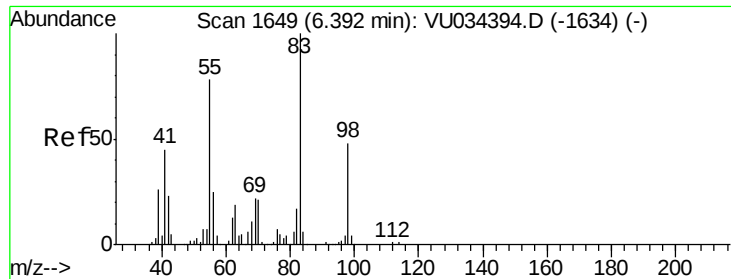
95 100

97 63.8 43.3 80.5

132 100.6 68.6 127.4

130 106.2 70.5 130.9

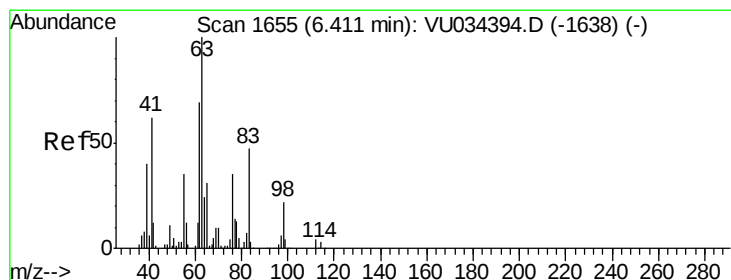
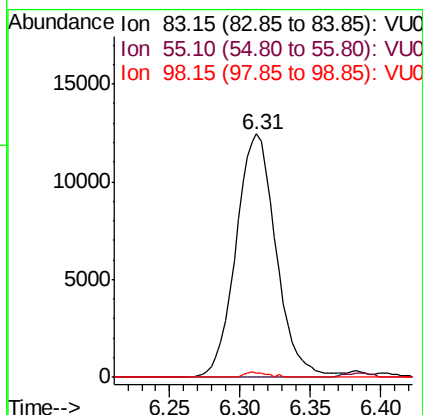
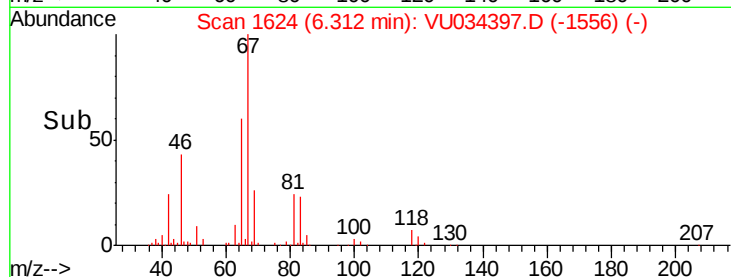
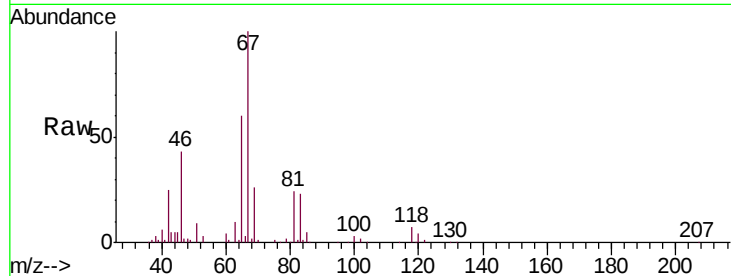




#35
Methylcyclohexane
Concen: 0.667 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034397.D
Acq: 07 Sep 2019 22:39

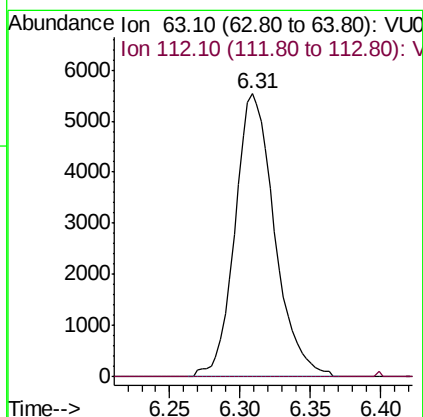
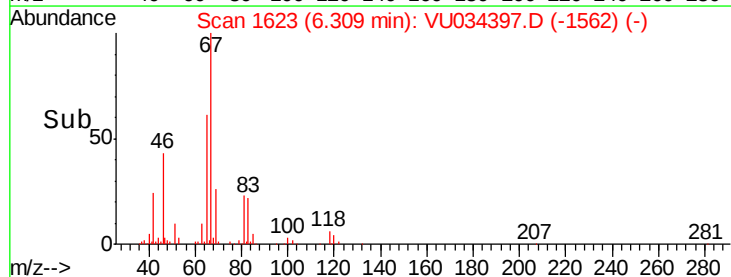
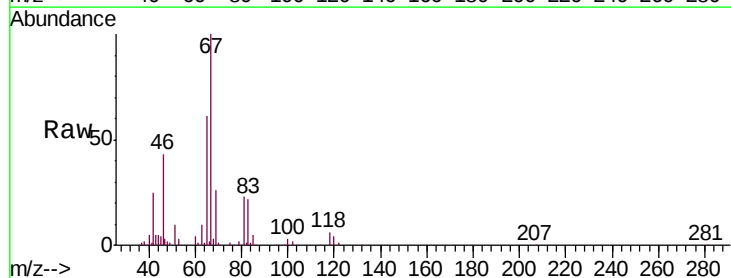
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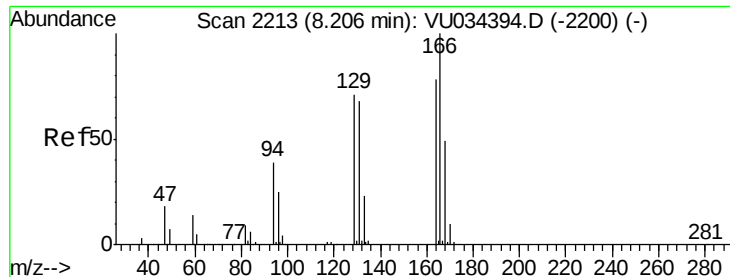
Tgt Ion: 83 Resp: 24757
Ion Ratio Lower Upper
83 100
55 1.1 62.6 94.0#
98 1.2 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034397.D
Acq: 07 Sep 2019 22:39

Tgt Ion: 63 Resp: 10887
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#





#47

Tetrachloroethene

Concen: 2.577 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034397.D

Acq: 07 Sep 2019 22:39

Instrument :

MSVOA_U

ClientSampleId :

BFD75DL

Tgt Ion:164 Resp: 47420

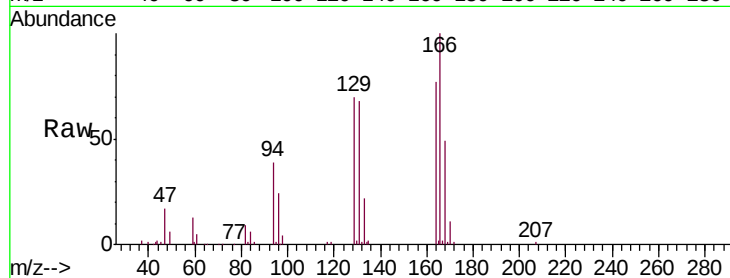
Ion Ratio Lower Upper

164 100

129 92.0 68.0 126.2

131 88.4 64.6 120.0

166 130.7 92.0 170.8

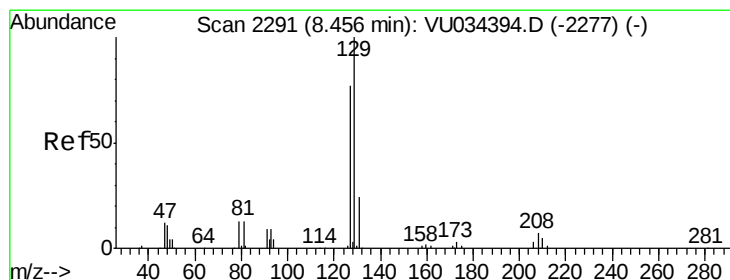
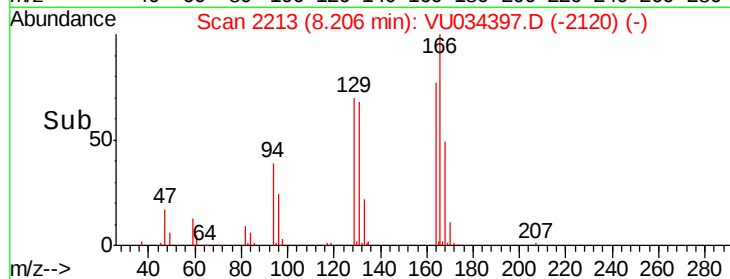
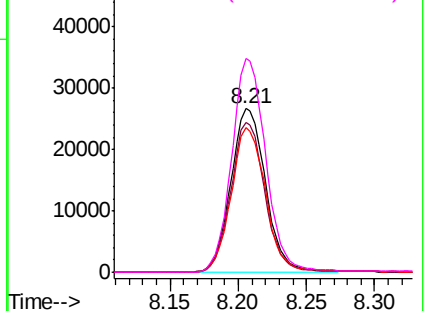


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 2.505 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU034397.D

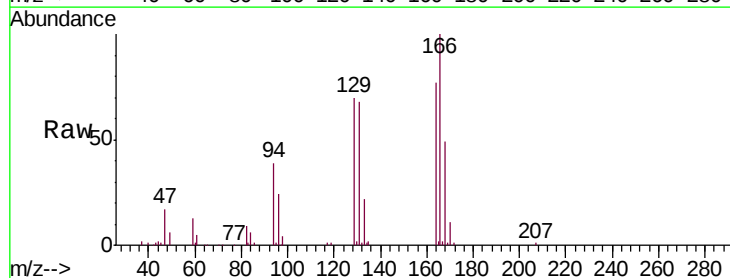
Acq: 07 Sep 2019 22:39

Tgt Ion:129 Resp: 42657

Ion Ratio Lower Upper

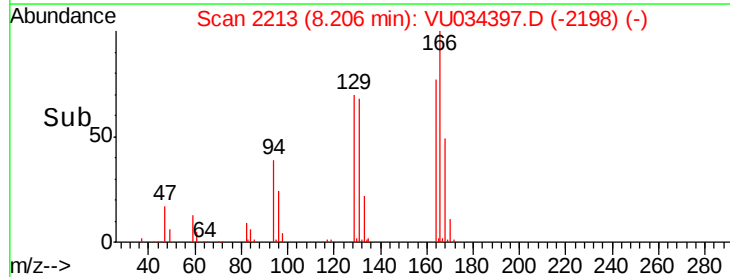
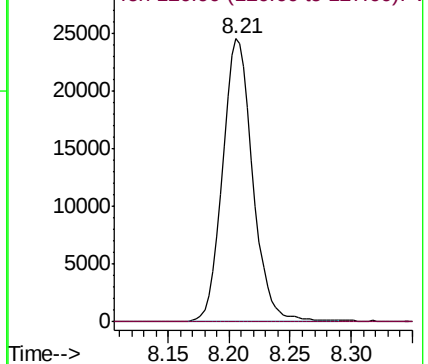
129 100

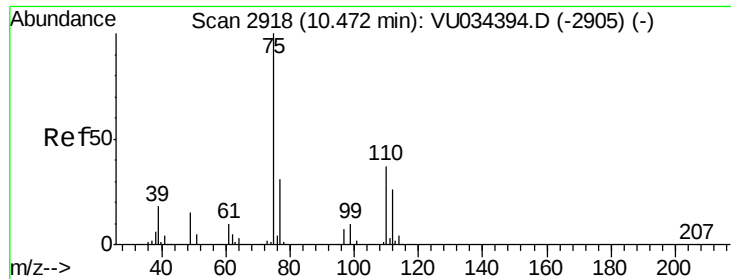
127 0.0 54.2 100.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.132 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034397.D

Acq: 07 Sep 2019 22:39

Instrument :

MSVOA_U

ClientSampleId :

BFD75DL

Tgt Ion: 75 Resp: 14510

Ion Ratio Lower Upper

75 100

77 34.5 26.0 39.0

