

Data File : VU034398.D
Acq On : 07 Sep 2019 23:03
Operator : JC/SP
Sample : K4703-12DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD95DL

Quant Time: Sep 08 03:48:17 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	284198	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	290812	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	134260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71371	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.68	69	67522	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.26	63	113111	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.17	46	201373	45.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.08%
24) Chloroform-d	4.62	84	158424	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.29	65	76648	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.32	84	324820	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.31	67	107231	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.55	98	278747	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.83	79	32991	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.30	63	150680	41.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	83507	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	116549	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

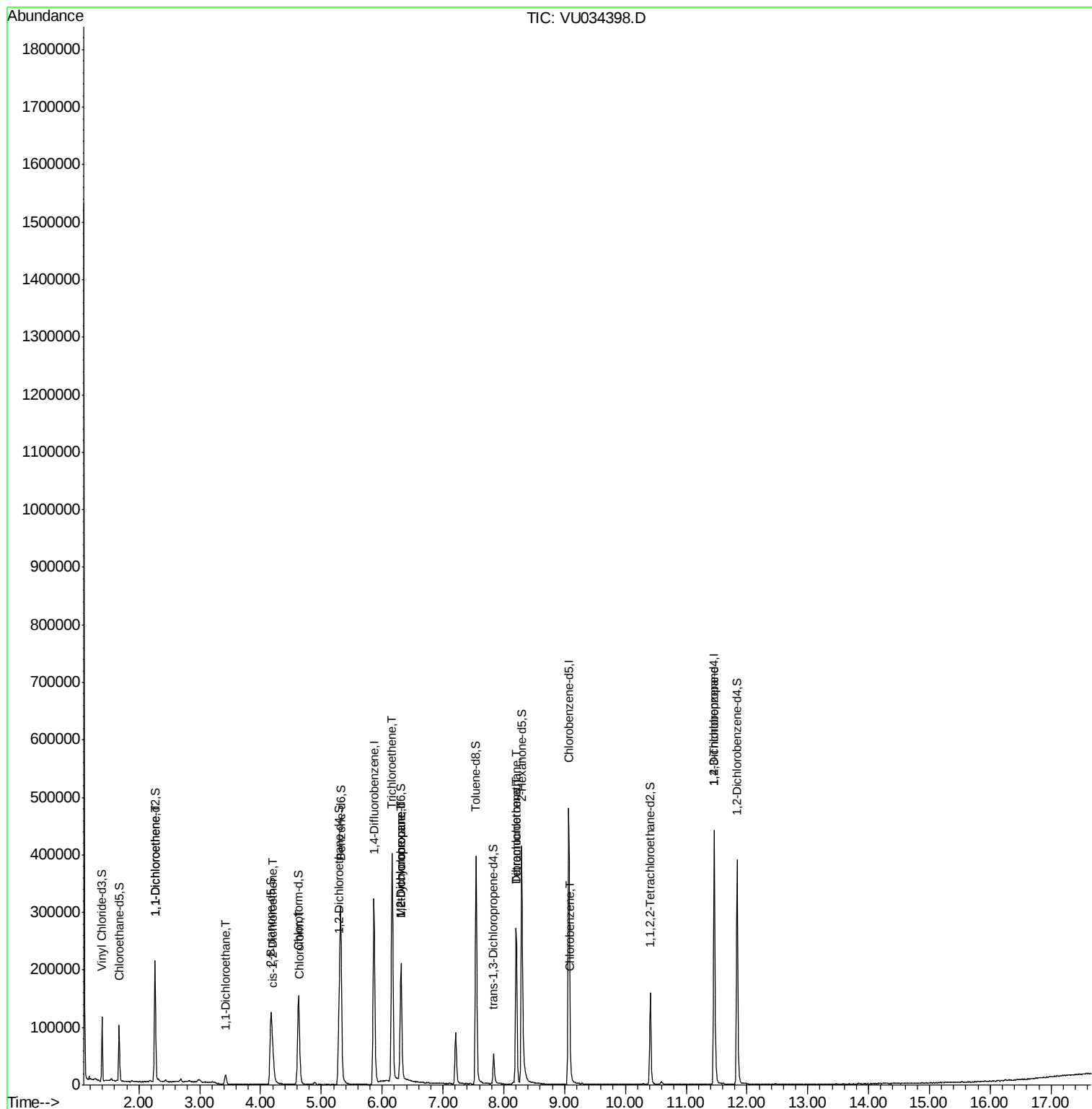
					Qvalue
12) 1,1-Dichloroethene	2.27	96	11605	0.657 ug/L #	1
19) 1,1-Dichloroethane	3.42	63	17293	0.459 ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	20926	0.973 ug/L	96
25) Chloroform	4.65	83	6828	0.178 ug/L	91
34) Trichloroethene	6.16	95	139564	6.156 ug/L	94
35) Methylcyclohexane	6.31	83	23730	0.632 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	10636	0.469 ug/L #	89
47) Tetrachloroethene	8.21	164	66131	3.549 ug/L	97
49) Dibromochloromethane	8.21	129	61905	3.590 ug/L #	11
51) Chlorobenzene	9.10	112	6732	0.114 ug/L	95
59) 1,2,3-Trichloropropane	11.46	75	14440	1.113 ug/L	93

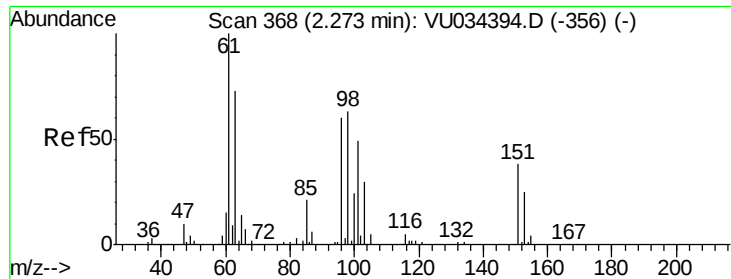
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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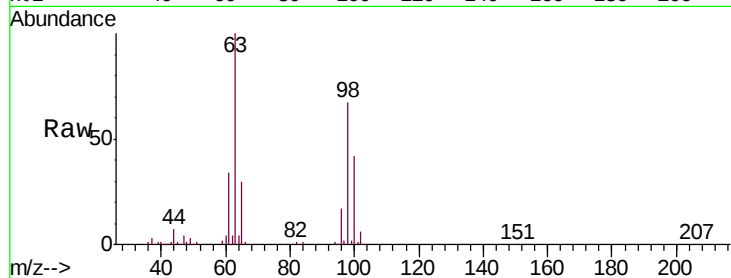




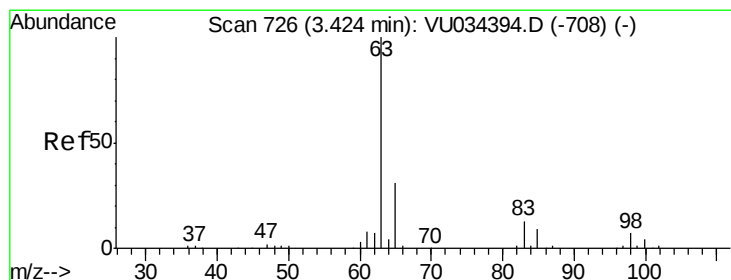
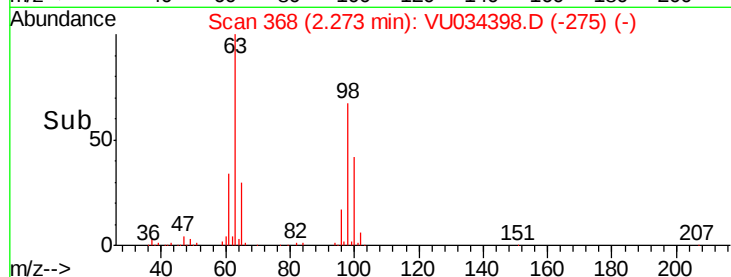
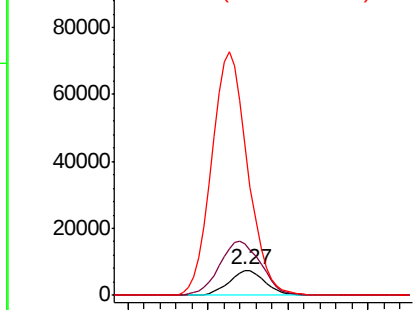
#12
 1,1-Dichloroethene
 Concen: 0.657 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VU034398.D
 Acq: 07 Sep 2019 23:03

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD95DL

Tgt Ion: 96 Resp: 11605
 Ion Ratio Lower Upper
 96 100
 61 203.7 126.6 235.0
 63 597.0 94.5 175.5#

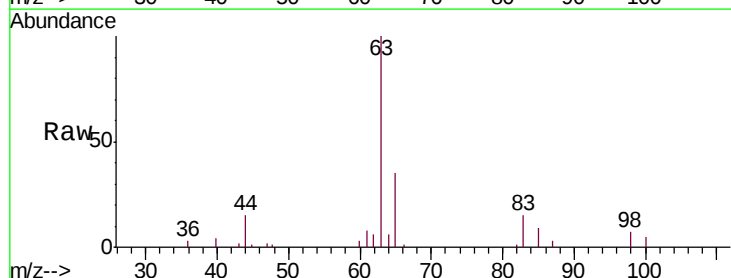


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

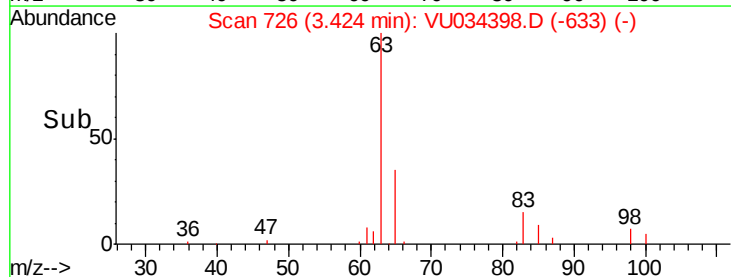
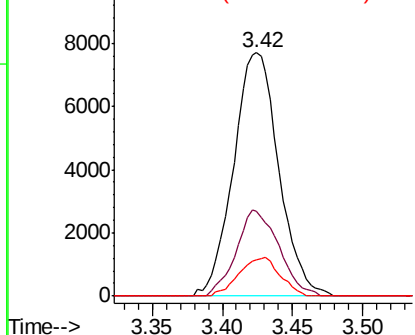


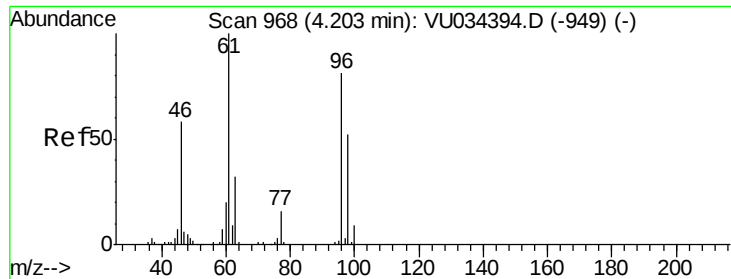
#19
 1,1-Dichloroethane
 Concen: 0.459 ug/L
 RT: 3.42 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VU034398.D
 Acq: 07 Sep 2019 23:03

Tgt Ion: 63 Resp: 17293
 Ion Ratio Lower Upper
 63 100
 65 34.7 22.5 41.9
 83 14.7 9.1 16.9



Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0



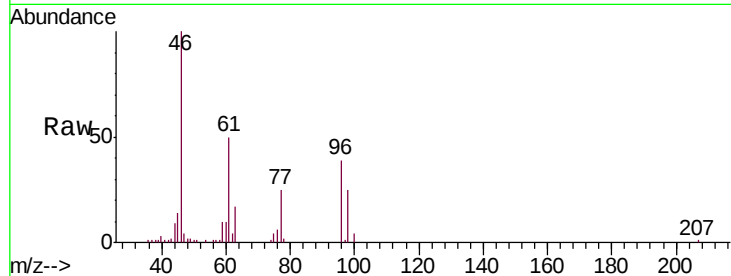


#22

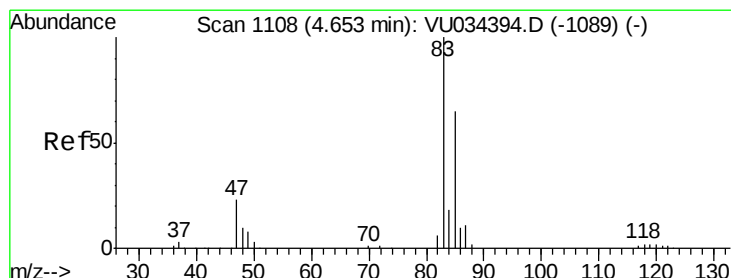
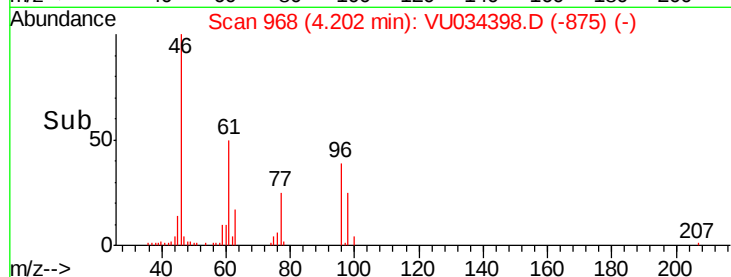
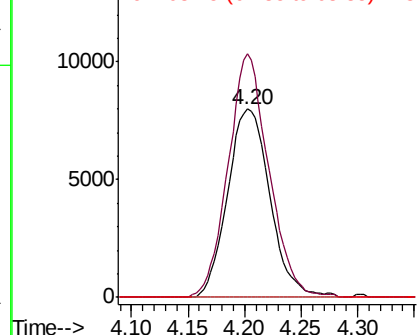
cis-1,2-Dichloroethene
Concen: 0.973 ug/L
RT: 4.20 min Scan# 968
Delta R.T. -0.00 min
Lab File: VU034398.D
Acq: 07 Sep 2019 23:03

Instrument :
MSVOA_U
ClientSampleId :
BFD95DL

Tgt Ion: 96 Resp: 20926
Ion Ratio Lower Upper
96 100
61 129.5 93.6 173.8
68 0.0 0.0 0.0



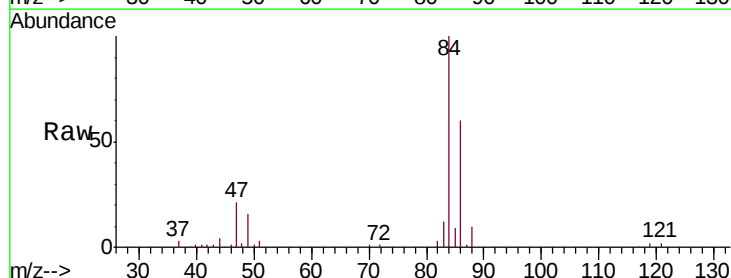
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



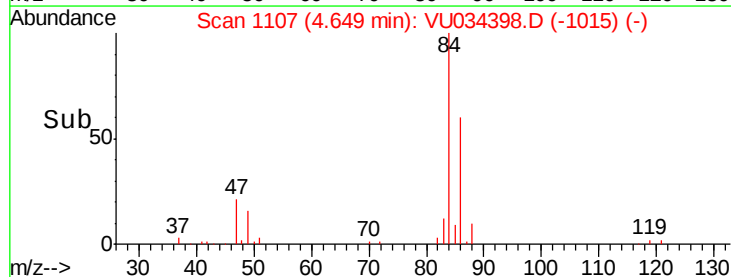
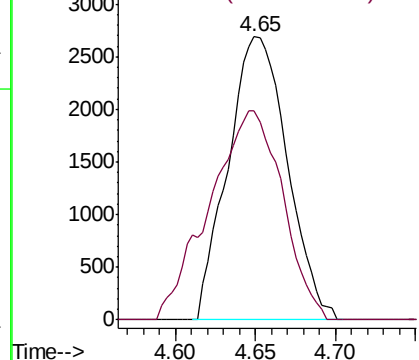
#25

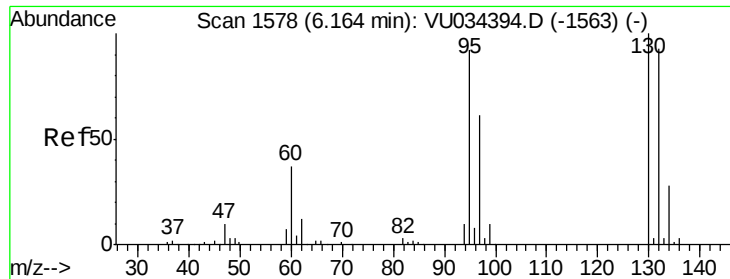
Chloroform
Concen: 0.178 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034398.D
Acq: 07 Sep 2019 23:03

Tgt Ion: 83 Resp: 6828
Ion Ratio Lower Upper
83 100
85 73.9 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: 6.156 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034398.D

Acq: 07 Sep 2019 23:03

Instrument :

MSVOA_U

ClientSampleId :

BFD95DL

Tgt Ion: 95 Resp: 139564

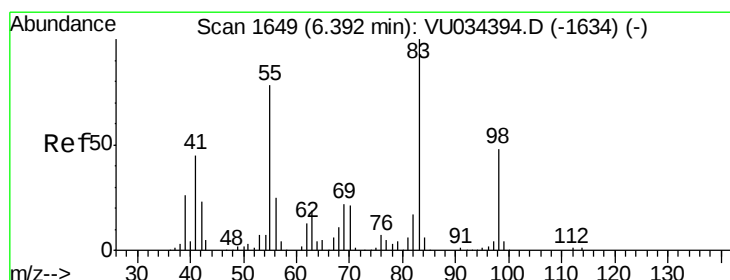
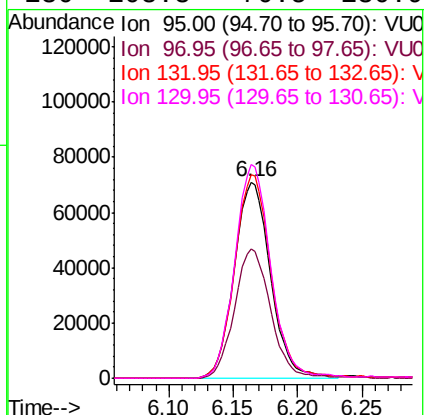
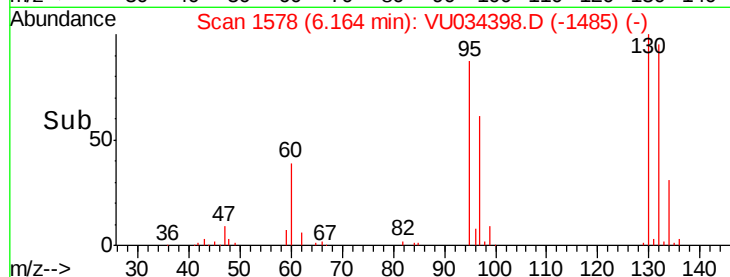
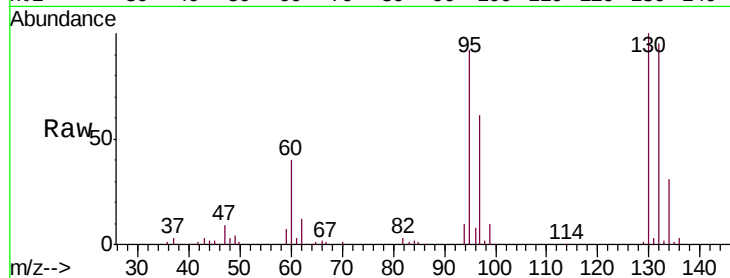
Ion Ratio Lower Upper

95 100

97 66.1 43.3 80.5

132 103.4 68.6 127.4

130 108.8 70.5 130.9



#35

Methylcyclohexane

Concen: 0.632 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU034398.D

Acq: 07 Sep 2019 23:03

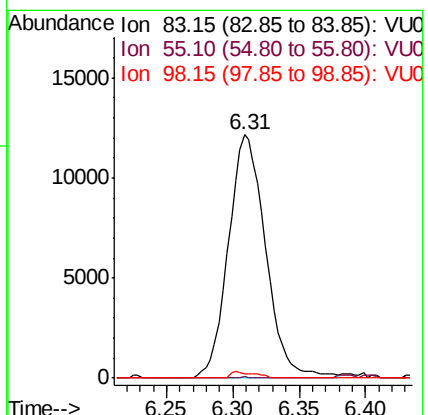
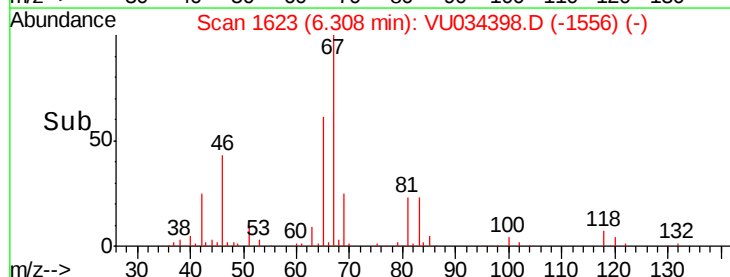
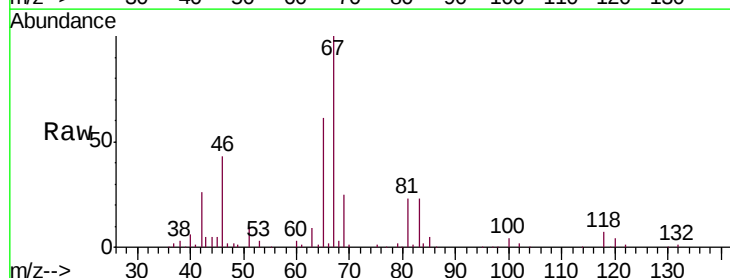
Tgt Ion: 83 Resp: 23730

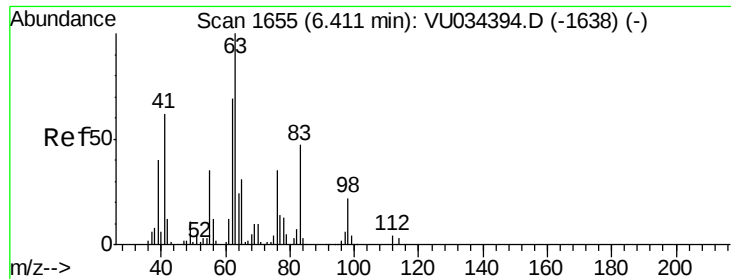
Ion Ratio Lower Upper

83 100

55 0.1 62.6 94.0#

98 1.6 36.2 54.2#

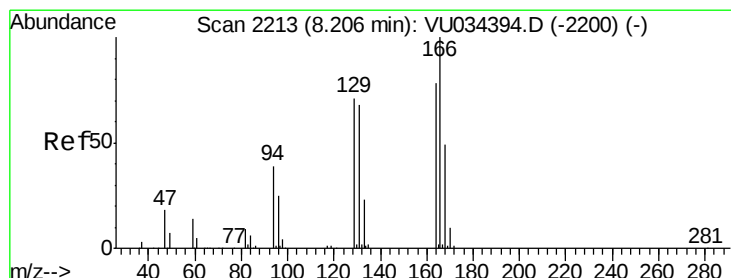
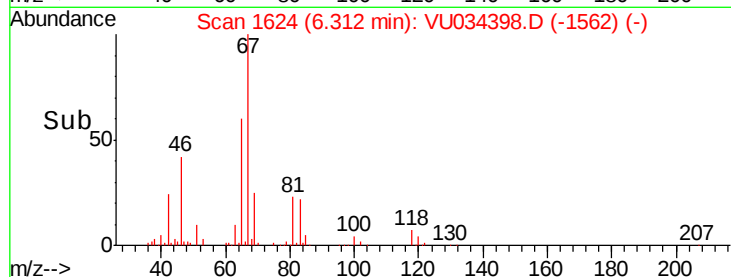
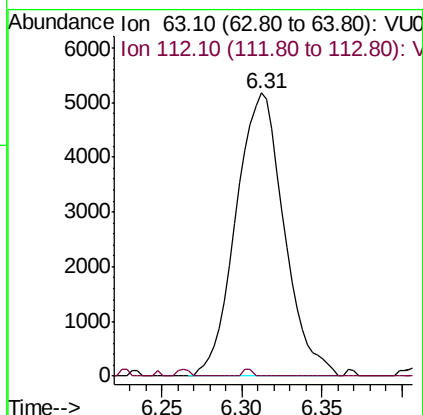
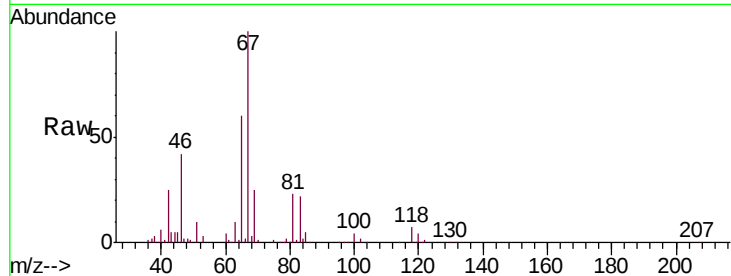




#37
 1,2-Dichloropropane
 Concen: 0.469 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU034398.D
 Acq: 07 Sep 2019 23:03

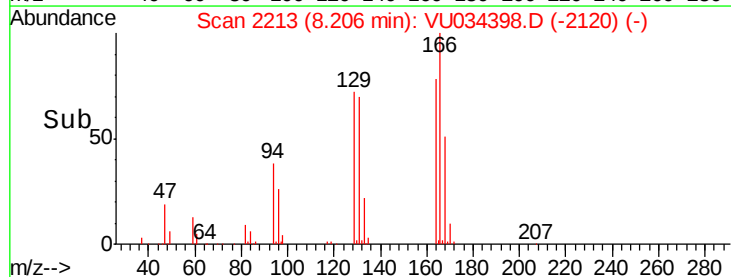
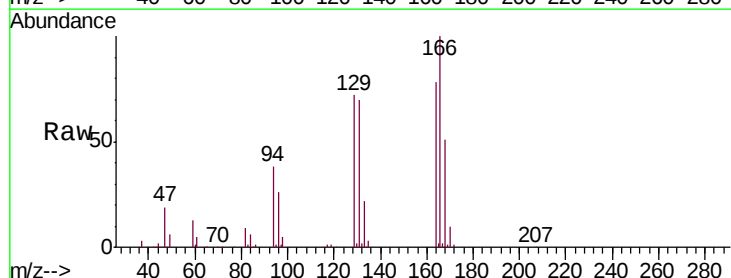
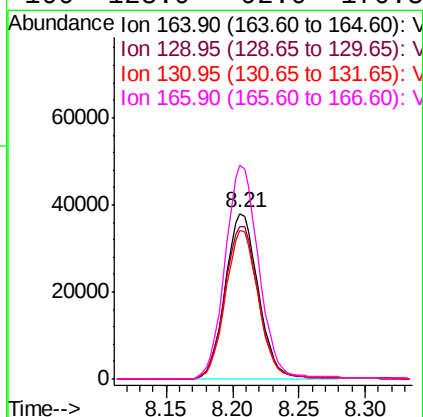
Instrument :
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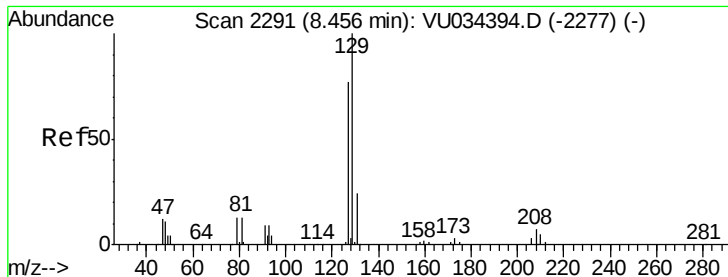
Tgt Ion: 63 Resp: 10636
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.3 4.9#



#47
 Tetrachloroethene
 Concen: 3.549 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VU034398.D
 Acq: 07 Sep 2019 23:03

Tgt Ion: 164 Resp: 66131
 Ion Ratio Lower Upper
 164 100
 129 92.3 68.0 126.2
 131 89.8 64.6 120.0
 166 128.9 92.0 170.8





#49

Dibromochloromethane

Concen: 3.590 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU034398.D

Acq: 07 Sep 2019 23:03

Instrument :

MSVOA_U

ClientSampleId :

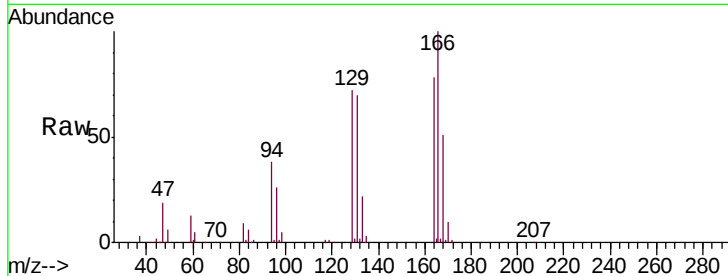
BFD95DL

Tgt Ion:129 Resp: 61905

Ion Ratio Lower Upper

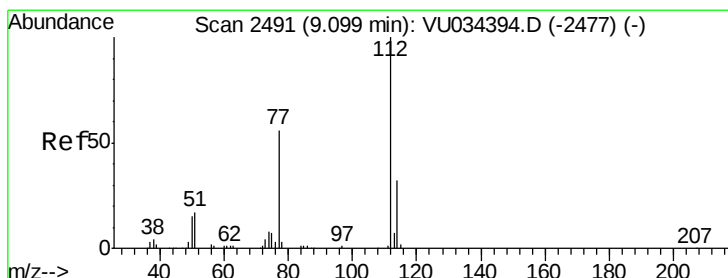
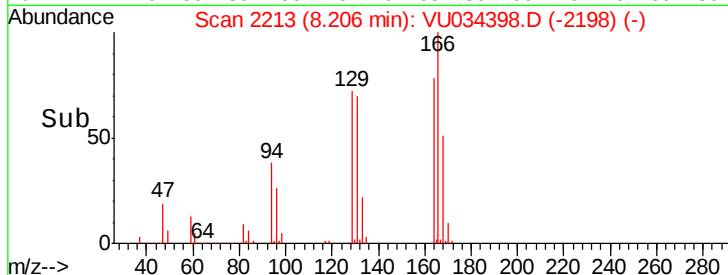
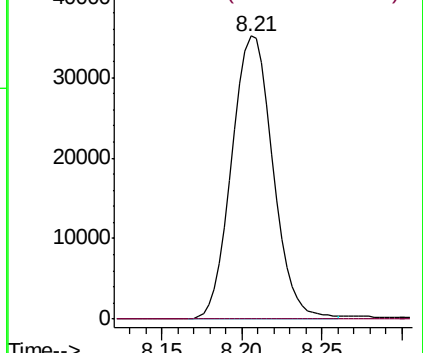
129 100

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



#51

Chlorobenzene

Concen: 0.114 ug/L

RT: 9.10 min Scan# 2491

Delta R.T. -0.00 min

Lab File: VU034398.D

Acq: 07 Sep 2019 23:03

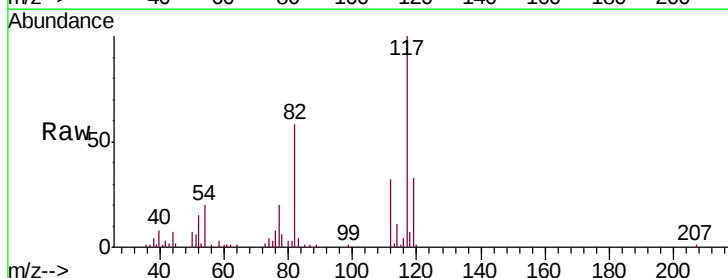
Tgt Ion:112 Resp: 6732

Ion Ratio Lower Upper

112 100

114 33.2 22.6 42.0

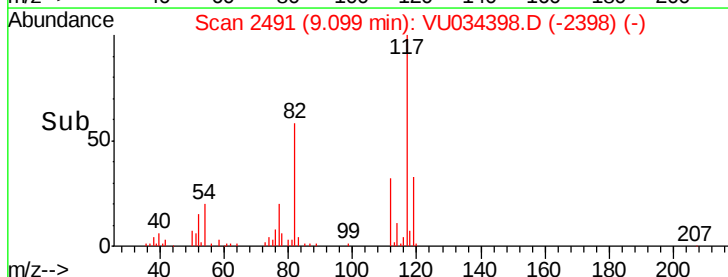
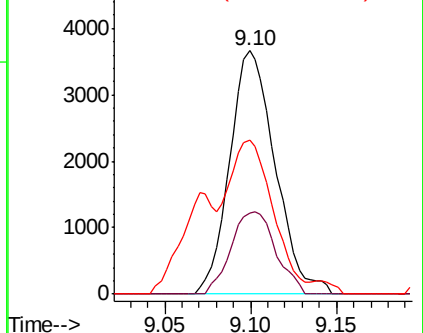
77 63.1 46.3 69.5

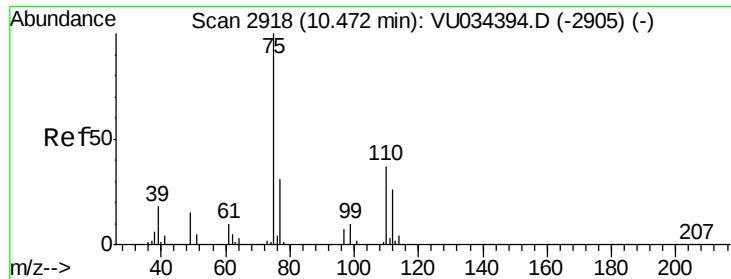


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0





#59

1,2,3-Trichloropropane

Concen: 1.113 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034398.D

Acq: 07 Sep 2019 23:03

Instrument :

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ClientSampleId :

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Tgt Ion: 75 Resp: 14440

Ion Ratio Lower Upper

75 100

77 36.5 26.0 39.0

