

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040220.D
 Acq On : 18 Sep 2020 18:45
 Operator : SY/MD
 Sample : L4078-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK9

Quant Time: Sep 18 23:24:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110744	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47545	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26271	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.92	69	25839	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.58	63	48015	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.66	46	130329	53.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.78%
24) Chloroform-d	5.08	84	67312	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	44850	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.75	84	119621	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	41978	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.90	98	94331	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.19	79	16383	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.64	63	90668	48.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37531	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	39926	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

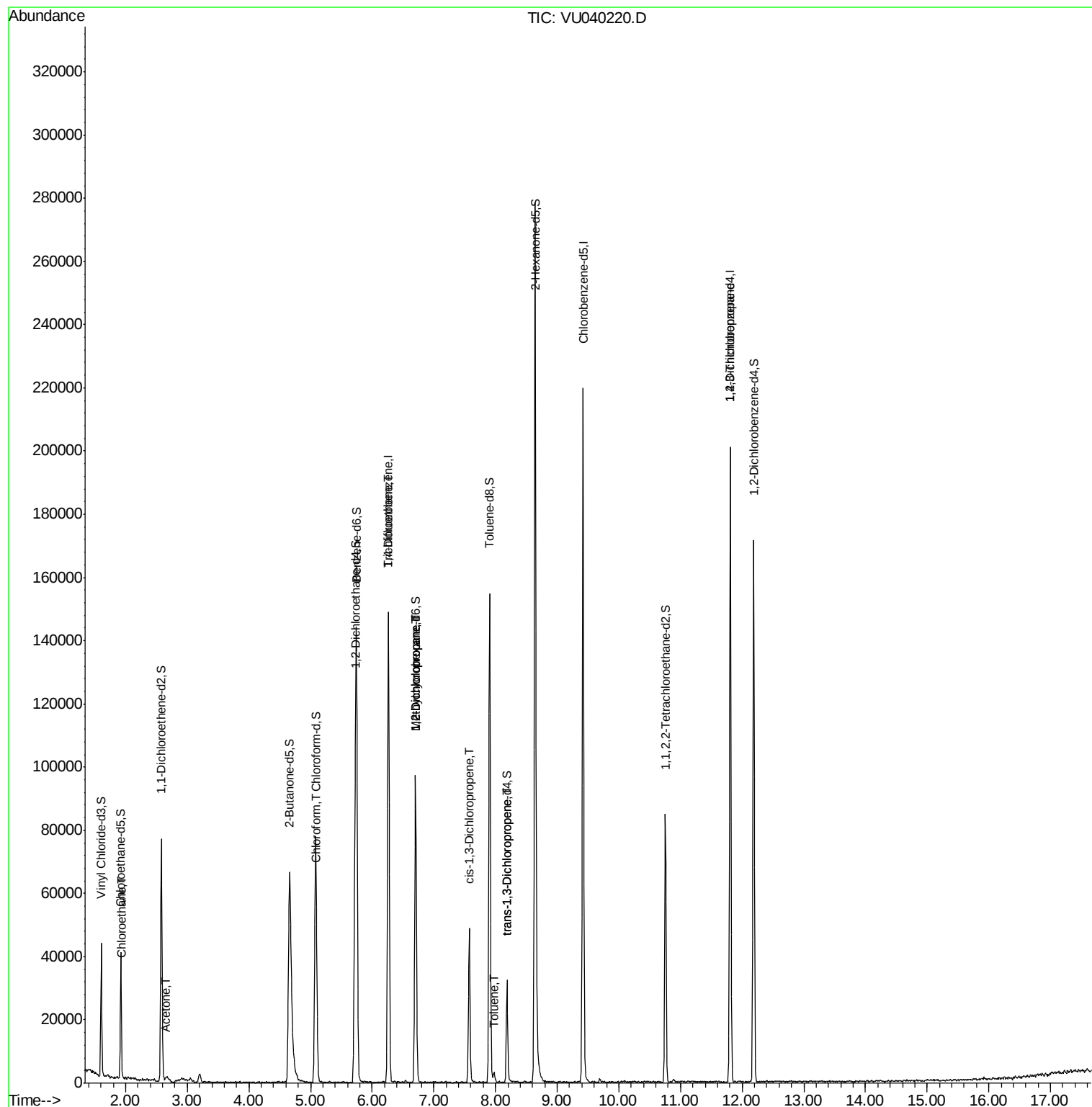
					Ovalue
8) Chloroethane	1.94	64	224	0.035 ug/L #	42
13) Acetone	2.67	43	1563	0.698 ug/L	72
25) Chloroform	5.11	83	4070	0.209 ug/L	86
34) Trichloroethene	6.26	95	1983	0.185 ug/L #	9
35) Methylcyclohexane	6.70	83	9841	0.598 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	5370	0.495 ug/L #	90
39) cis-1,3-Dichloropropene	7.58	75	1377	0.086 ug/L	86
42) Toluene	7.97	91	2381	0.058 ug/L	94
44) trans-1,3-Dichloropropene	8.19	75	887	0.060 ug/L #	58
59) 1,2,3-Trichloropropane	11.81	75	7364	0.916 ug/L	92

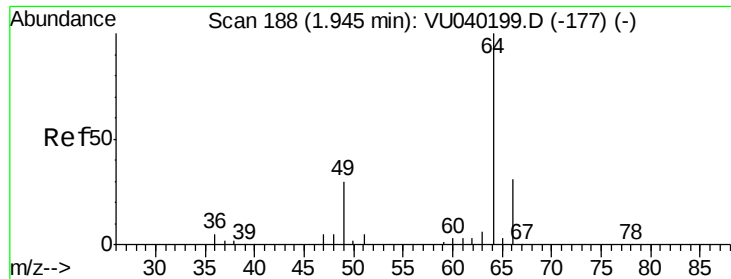
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

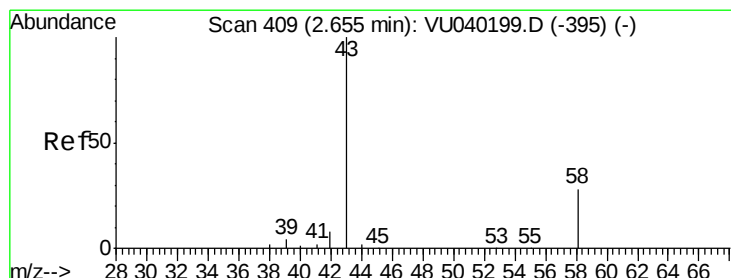
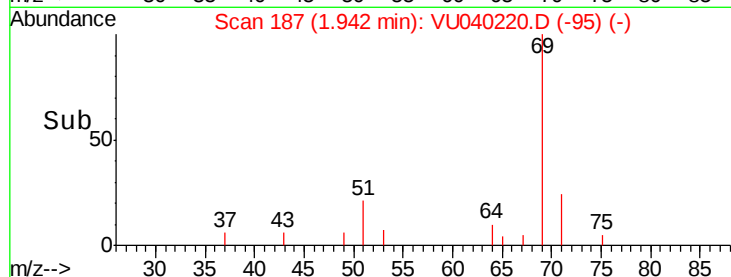
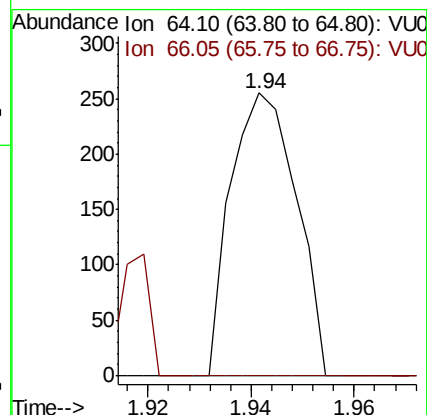
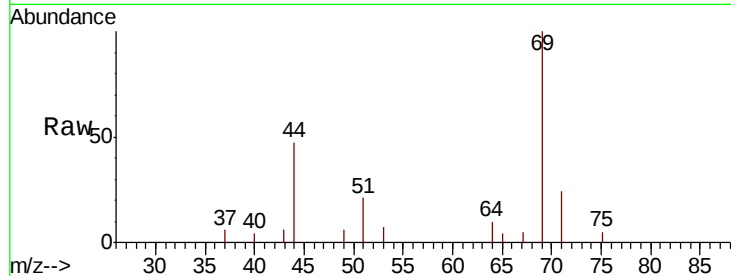




#8
Chloroethane
Concen: 0.035 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040220.D
Acq: 18 Sep 2020 18:45

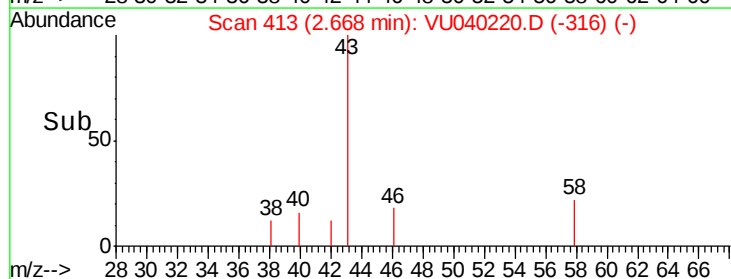
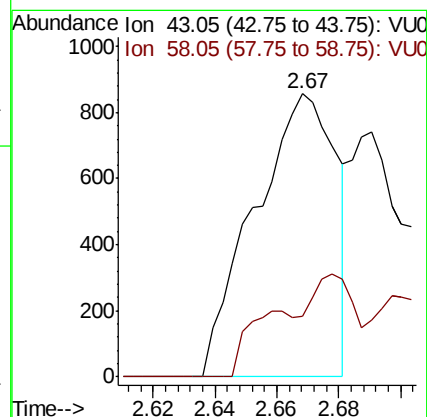
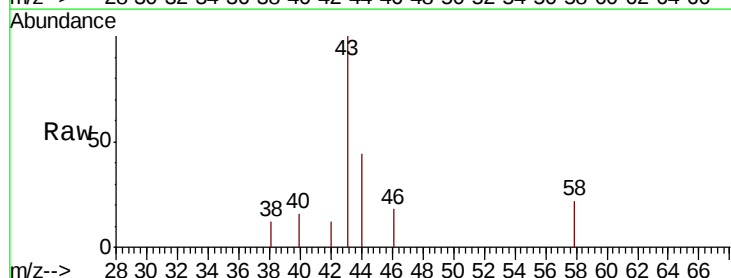
Instrument :
MSVOA_U
ClientSampled :
C0AK9

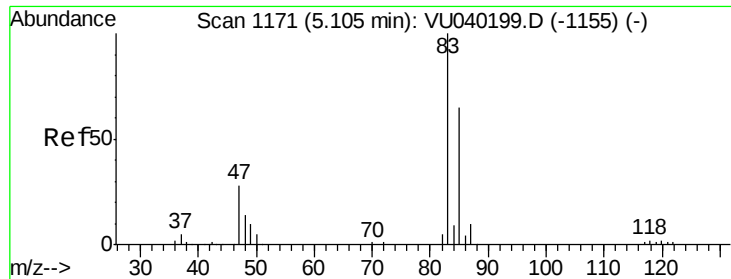
Tot Ion: 64 Resp: 224
Ion Ratio Lower Upper
64 100
66 0.0 22.7 42.1#



#13
Acetone
Concen: 0.698 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.01 min
Lab File: VU040220.D
Acq: 18 Sep 2020 18:45

Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
58 13.1 0.0 55.4

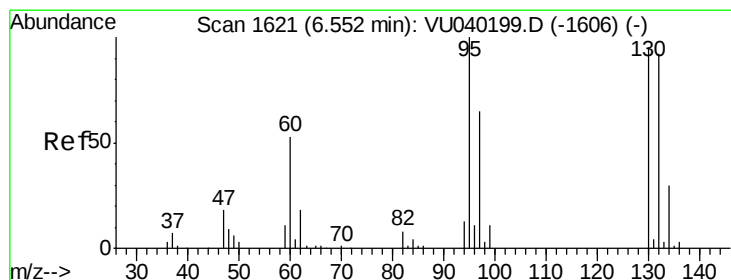
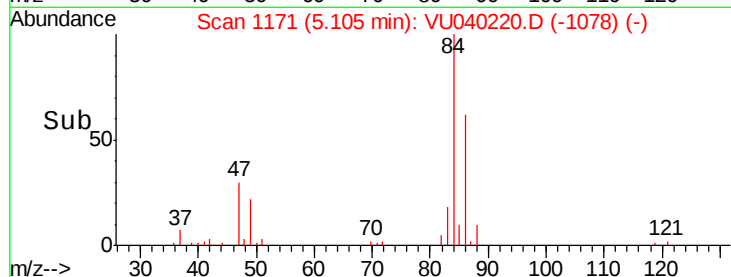
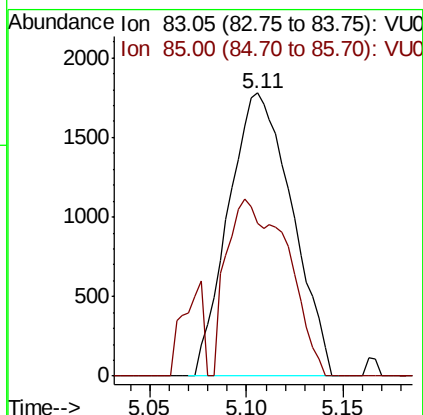
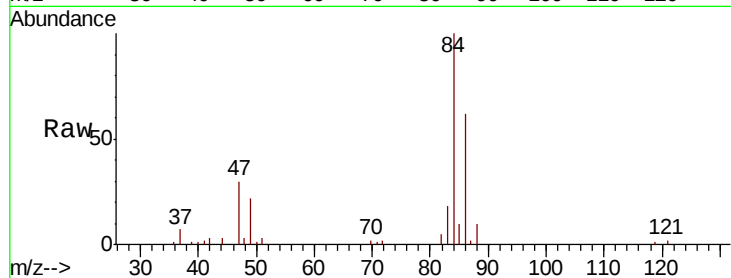




#25
Chloroform
Concen: 0.209 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040220.D
Acq: 18 Sep 2020 18:45

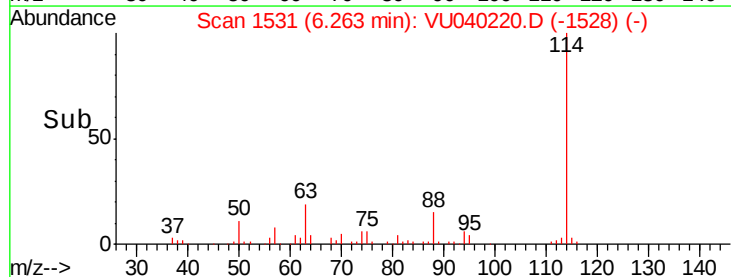
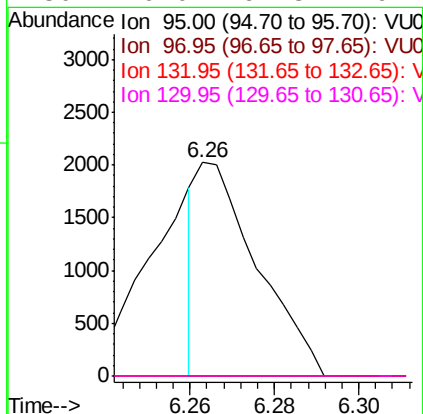
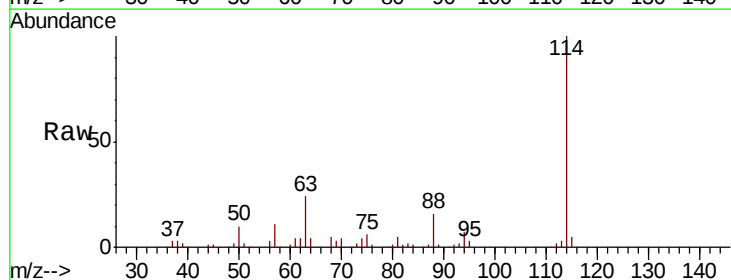
Instrument :
MSVOA_U
ClientSampled :
C0AK9

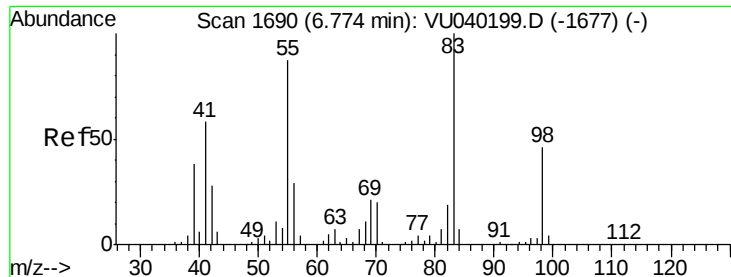
Tot Ion: 83 Resp: 4070
Ion Ratio Lower Upper
83 100
85 53.9 45.3 84.1



#34
Trichloroethene
Concen: 0.185 ug/L
RT: 6.26 min Scan# 1531
Delta R.T. -0.29 min
Lab File: VU040220.D
Acq: 18 Sep 2020 18:45

Tgt Ion: 95 Resp: 1983
Ion Ratio Lower Upper
95 100
97 0.0 43.3 80.5#
132 0.0 59.4 110.4#
130 0.0 64.8 120.4#

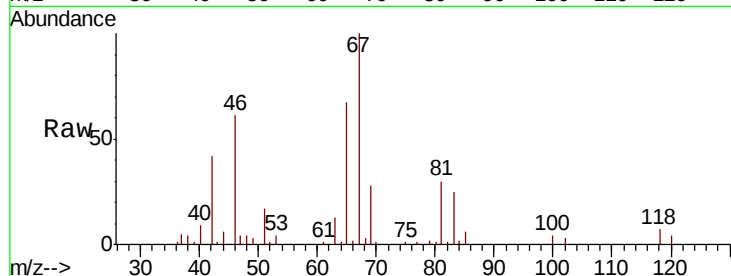




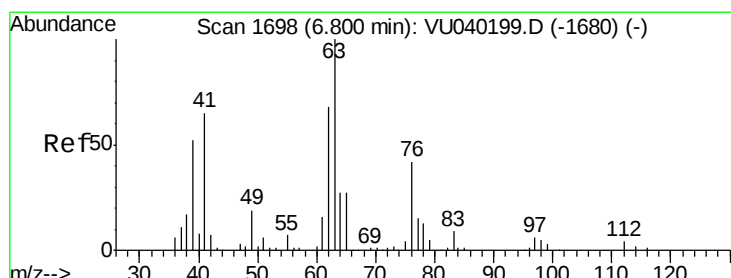
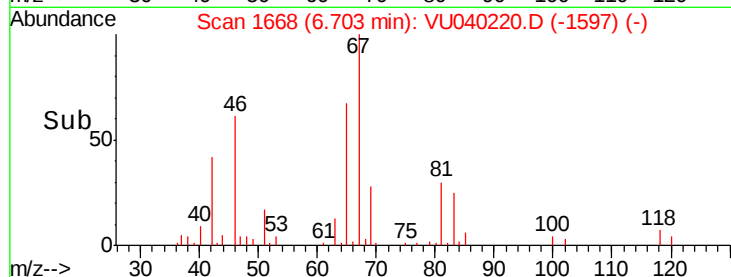
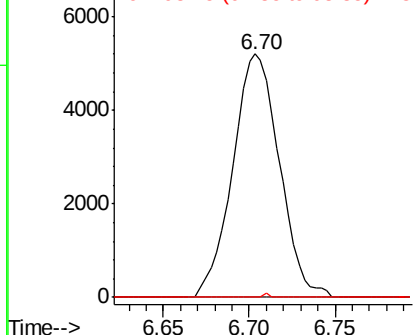
#35
Methylcyclohexane
Concen: 0.598 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040220.D
Acq: 18 Sep 2020 18:45

Instrument :
MSVOA_U
ClientSampleId :
C0AK9

Tot Ion: 83 Resp: 9841
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.2 37.8 56.6#

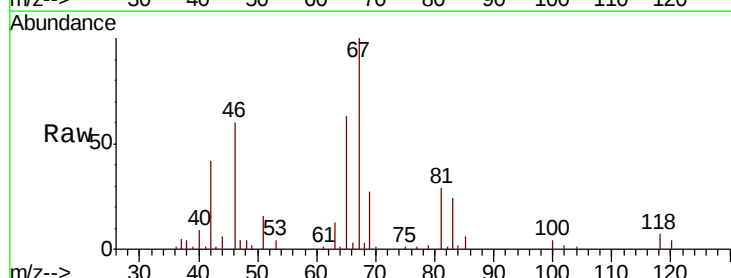


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

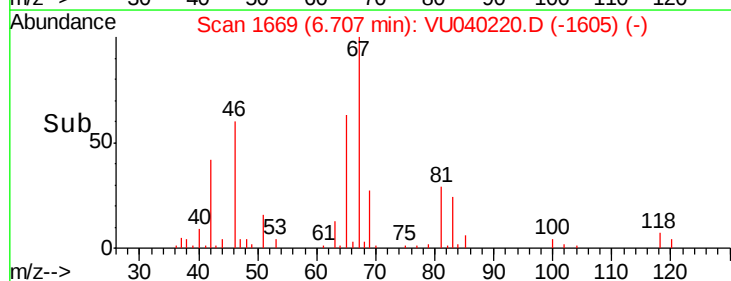
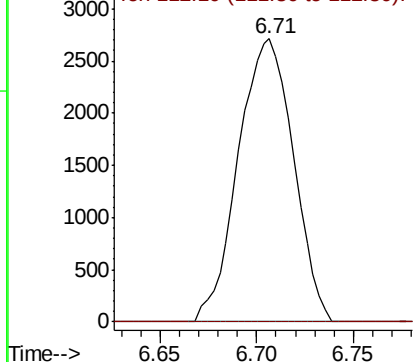


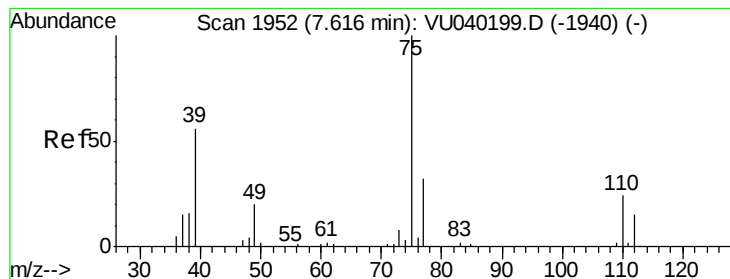
#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040220.D
Acq: 18 Sep 2020 18:45

Tgt Ion: 63 Resp: 5370
Ion Ratio Lower Upper
63 100
112 0.7 3.2 4.8#



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



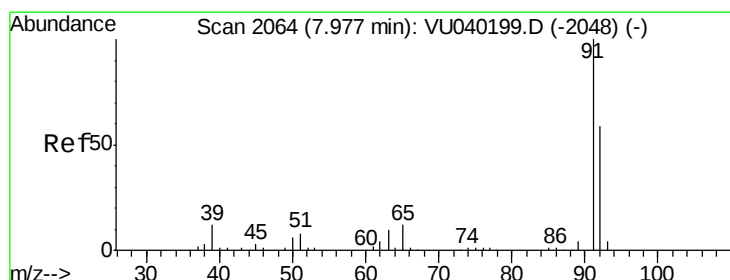
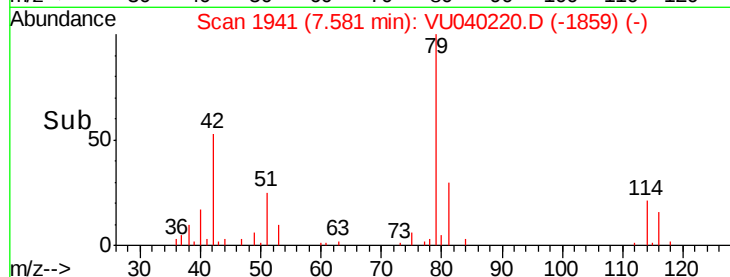
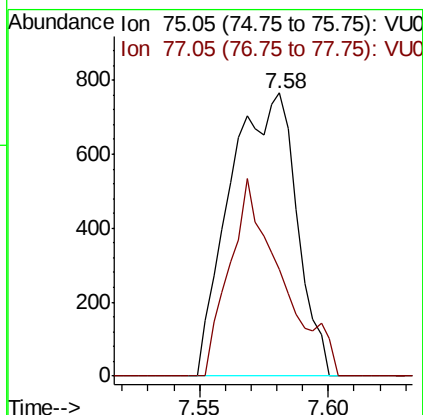
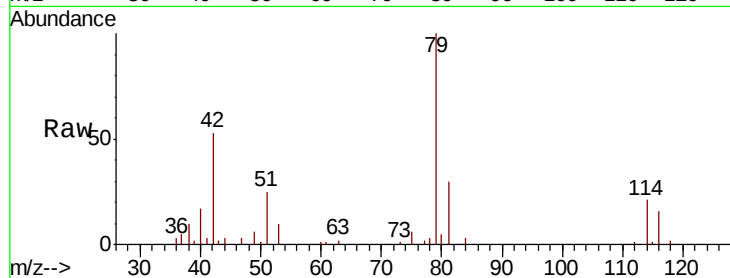


#39

cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.58 min Scan# 1941
Delta R.T. -0.04 min
Lab File: VU040220.D
Acq: 18 Sep 2020 18:45

Instrument :
MSVOA_U
ClientSampled :
C0AK9

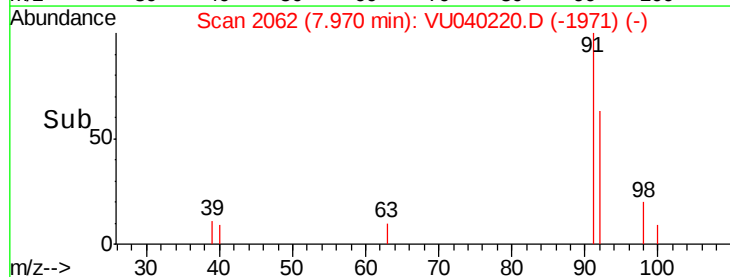
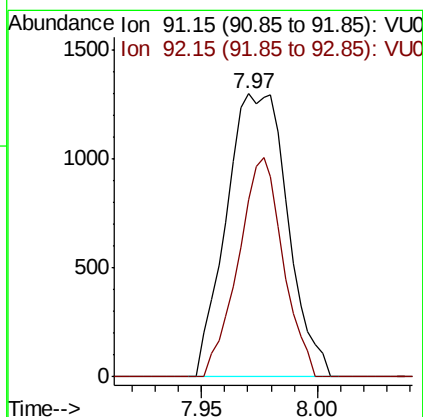
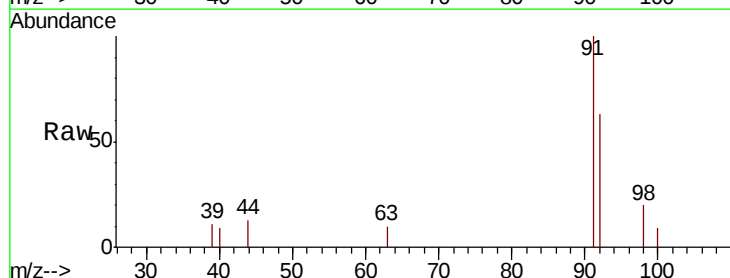
Tot Ion: 75 Resp: 1377
Ion Ratio Lower Upper
75 100
77 37.6 21.1 39.3

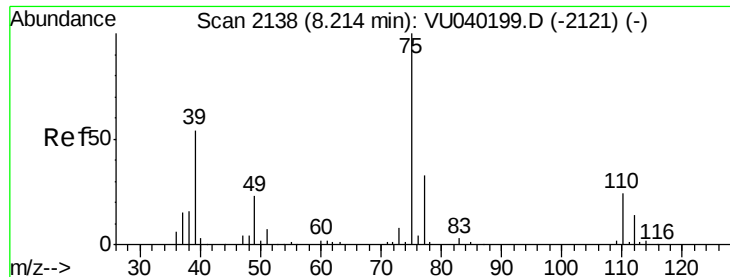


#42

Toluene
Concen: 0.058 ug/L
RT: 7.97 min Scan# 2062
Delta R.T. -0.01 min
Lab File: VU040220.D
Acq: 18 Sep 2020 18:45

Tgt Ion: 91 Resp: 2381
Ion Ratio Lower Upper
91 100
92 62.8 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 0.060 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040220.D

Acq: 18 Sep 2020 18:45

Instrument :

MSVOA_U

ClientSampleId :

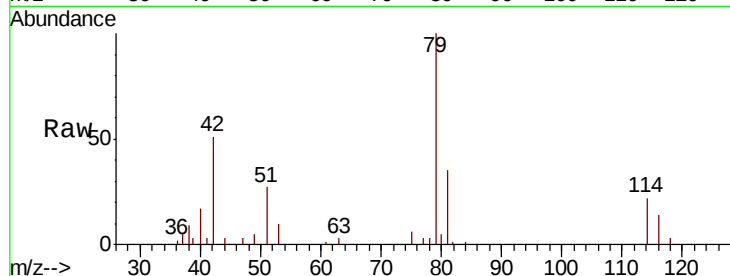
C0AK9

Tot Ion: 75 Resp: 887

Ion Ratio Lower Upper

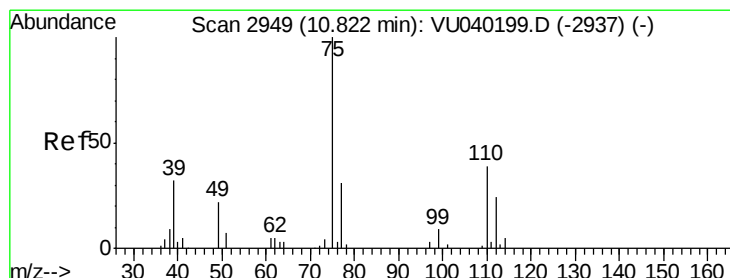
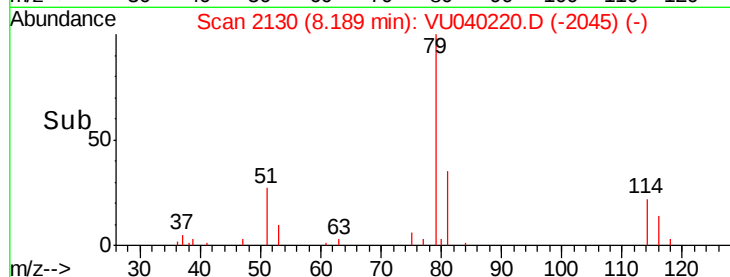
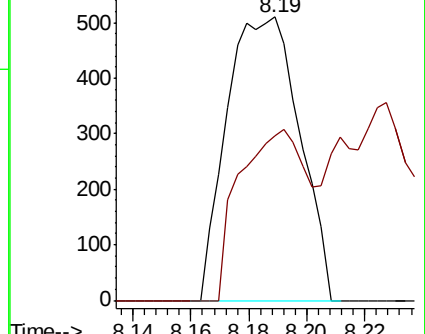
75 100

77 58.2 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.916 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040220.D

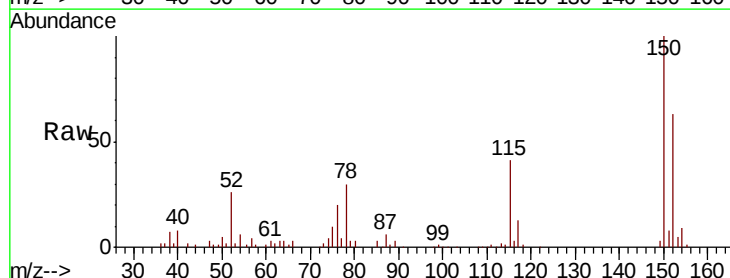
Acq: 18 Sep 2020 18:45

Tgt Ion: 75 Resp: 7364

Ion Ratio Lower Upper

75 100

77 35.5 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

