

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
 Data File : VU040190.D
 Acq On : 17 Sep 2020 18:42
 Operator : SY/MD
 Sample : L4063-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF5

Quant Time: Sep 18 04:04:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 04:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	102765	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	101379	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43601	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26419	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.92	69	24872	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.58	63	45314	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.66	46	111044	49.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.96%
24) Chloroform-d	5.08	84	56272	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.72	65	39943	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.74	84	116733	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.70	67	38161	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	90562	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.19	79	15922	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.64	63	79938	47.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	34415	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	37467	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

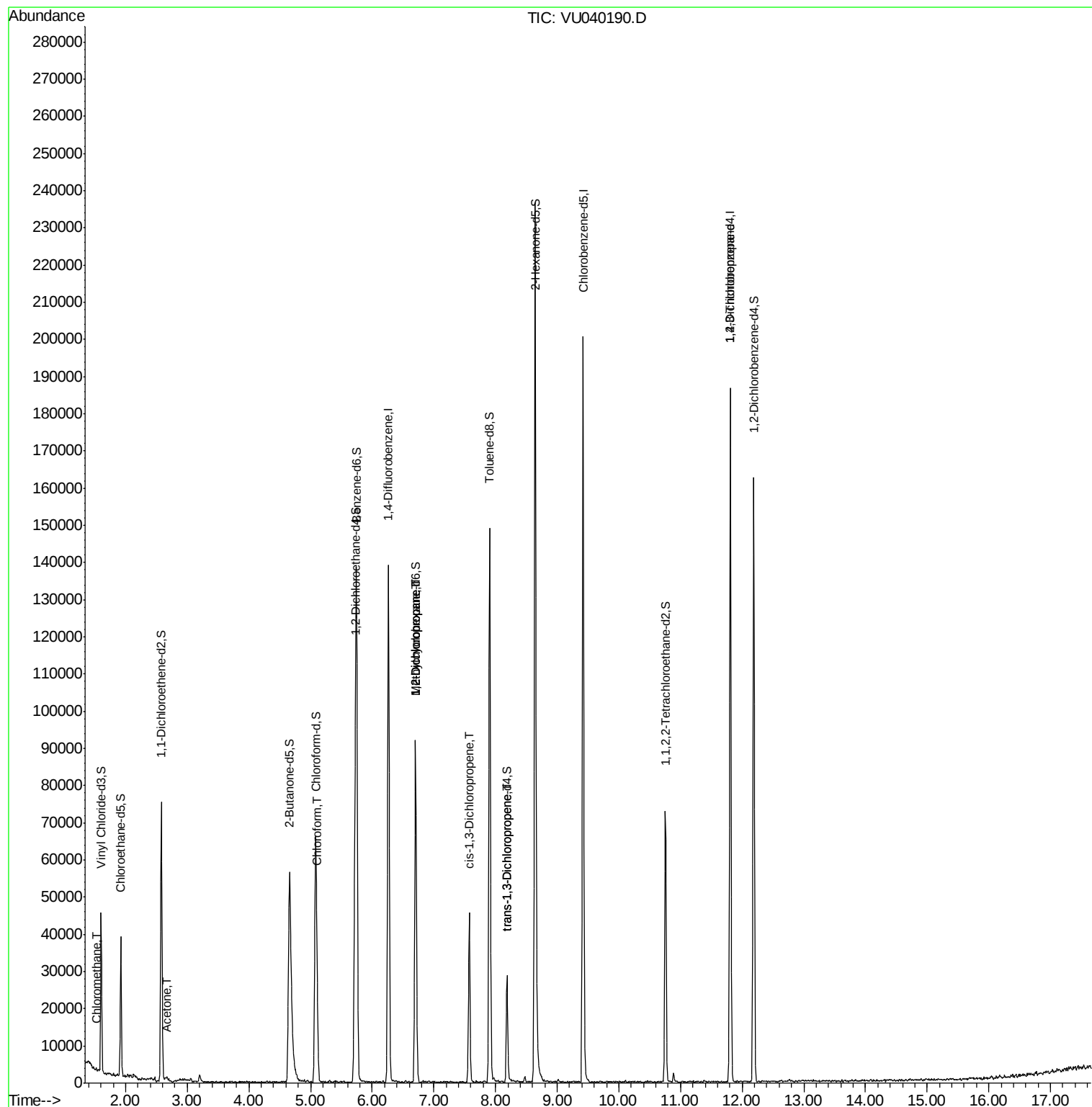
					Ovalue
3) Chloromethane	1.53	50	457	0.047 ug/L #	80
13) Acetone	2.66	43	1554	0.748 ug/L	89
25) Chloroform	5.11	83	9369	0.520 ug/L	94
35) Methylcyclohexane	6.70	83	9146	0.614 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4651	0.474 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1380	0.095 ug/L #	59
44) trans-1,3-Dichloropropene	8.19	75	1009	0.075 ug/L	85
59) 1,2,3-Trichloropropane	11.81	75	6691	0.920 ug/L	90

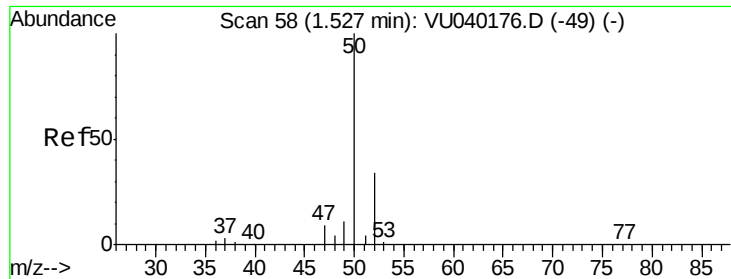
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.047 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040190.D

Acq: 17 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampled :

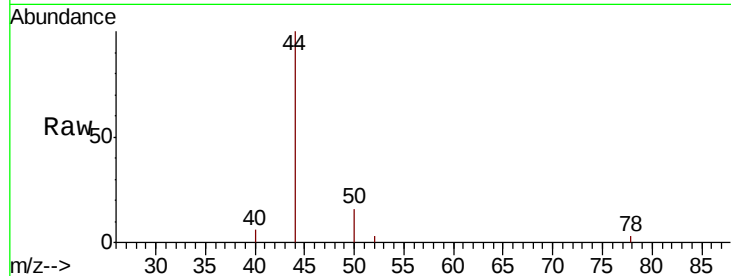
C0AF5

Tot Ion: 50 Resp: 457

Ion Ratio Lower Upper

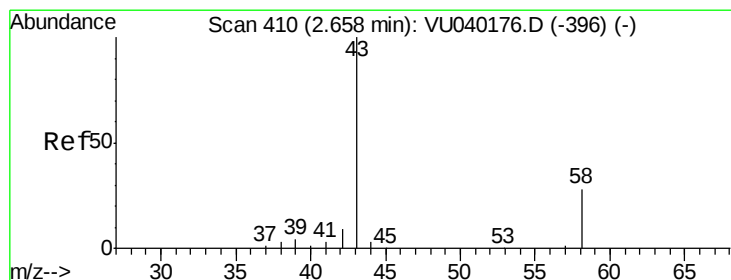
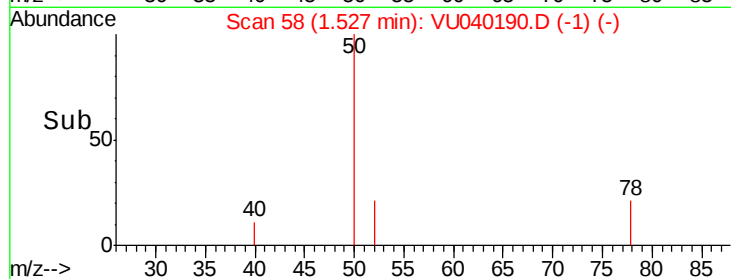
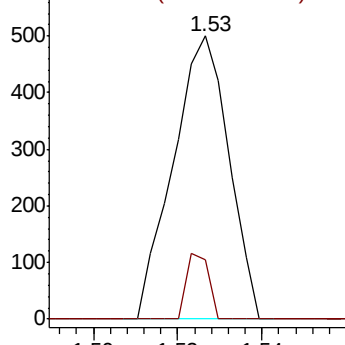
50 100

52 21.2 22.8 42.4#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 0.748 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU040190.D

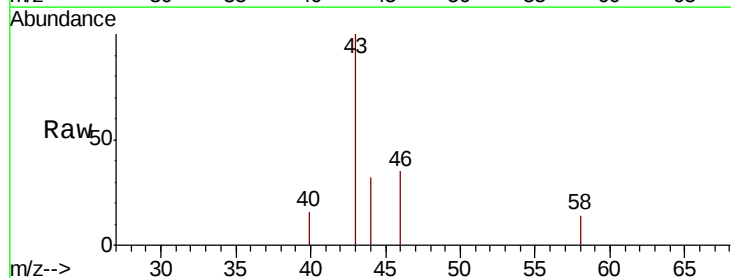
Acq: 17 Sep 2020 18:42

Tgt Ion: 43 Resp: 1554

Ion Ratio Lower Upper

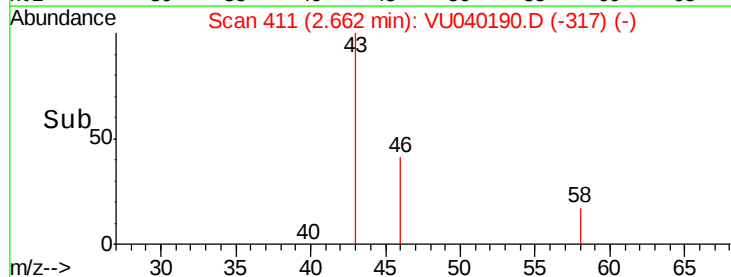
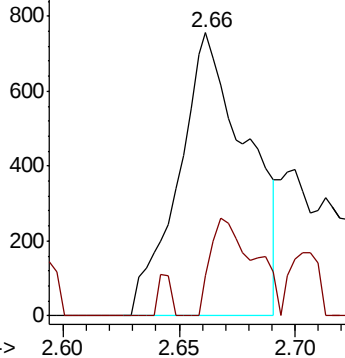
43 100

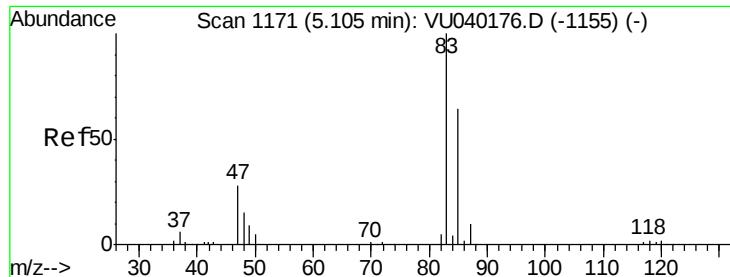
58 21.9 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

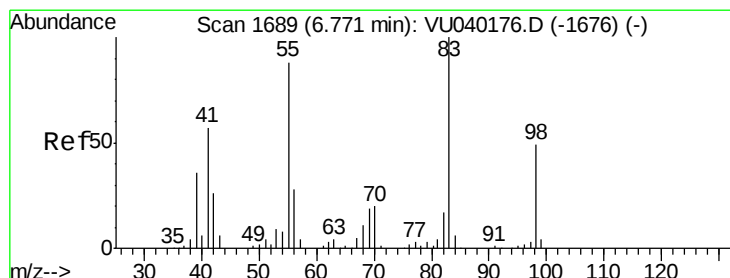
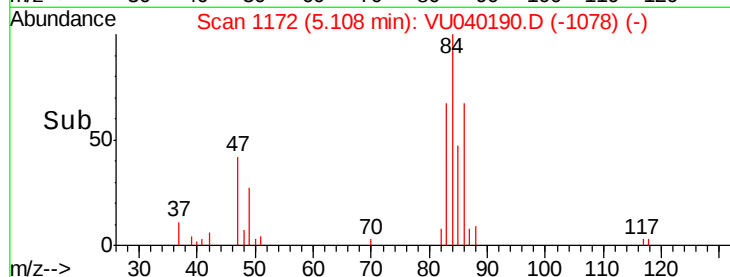
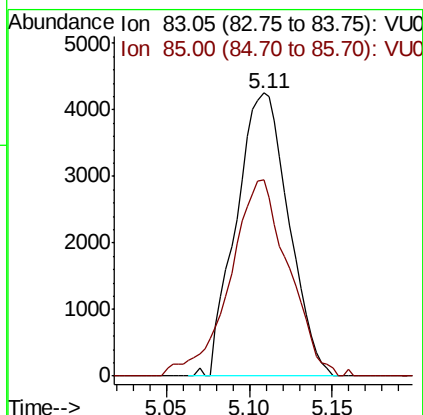
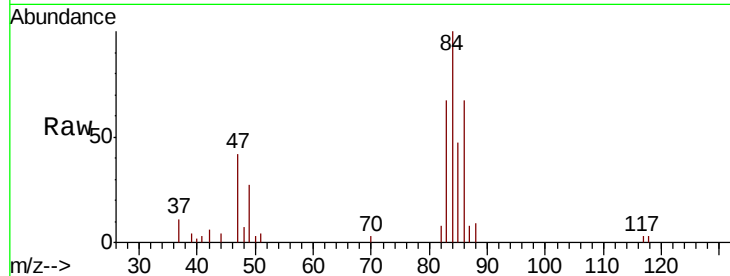




#25
Chloroform
Concen: 0.520 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040190.D
Acq: 17 Sep 2020 18:42

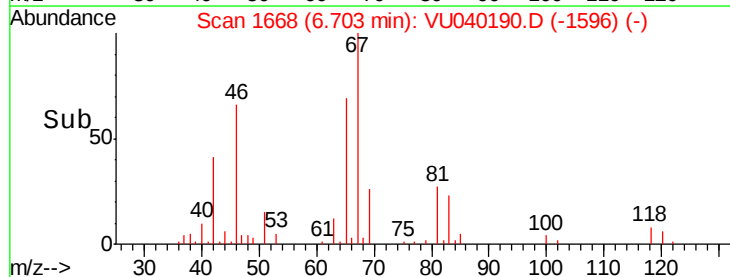
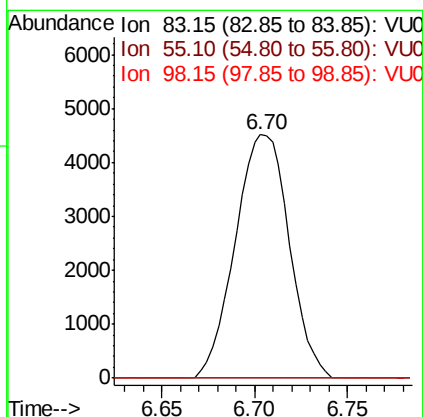
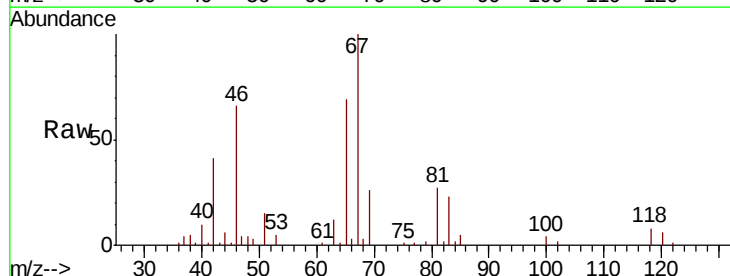
Instrument :
MSVOA_U
ClientSampleId :
C0AF5

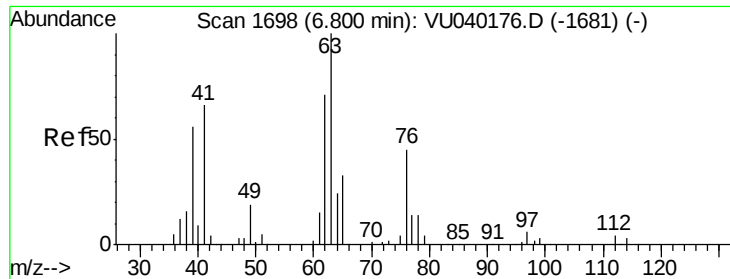
Tot Ion: 83 Resp: 9369
Ion Ratio Lower Upper
83 100
85 69.2 45.3 84.1



#35
Methylcyclohexane
Concen: 0.614 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040190.D
Acq: 17 Sep 2020 18:42

Tgt Ion: 83 Resp: 9146
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.0 37.8 56.6#

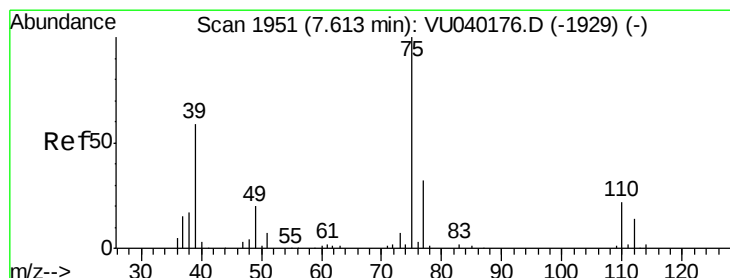
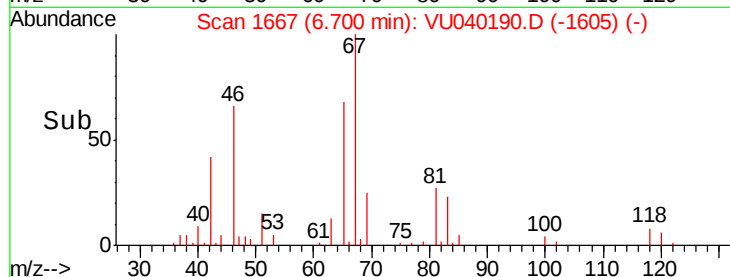
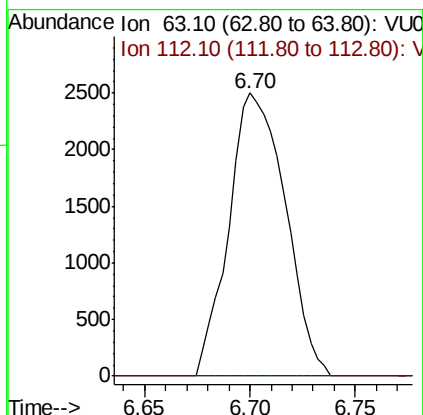
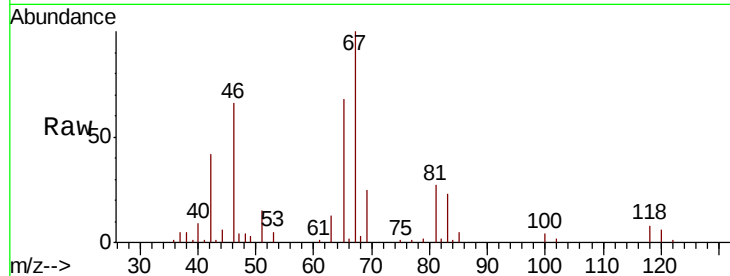




#37
 1,2-Dichloropropane
 Concen: 0.474 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040190.D
 Acq: 17 Sep 2020 18:42

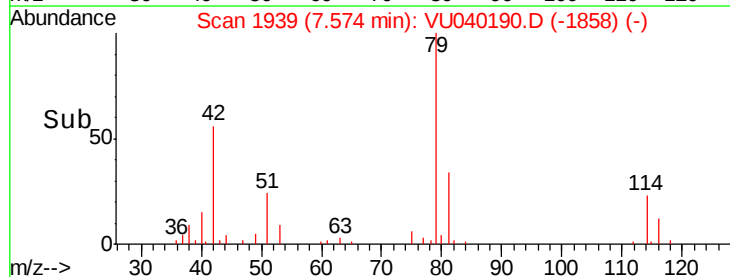
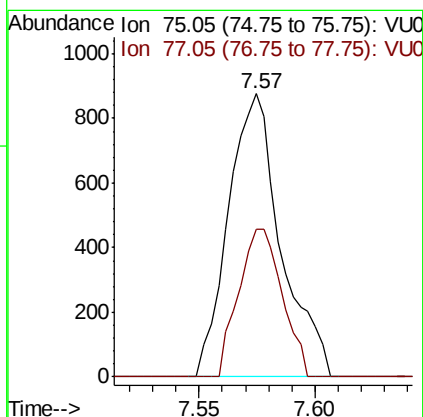
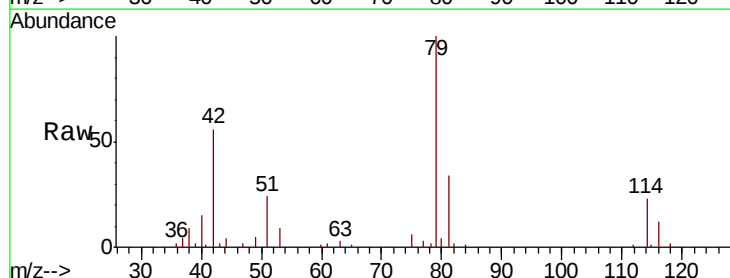
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF5

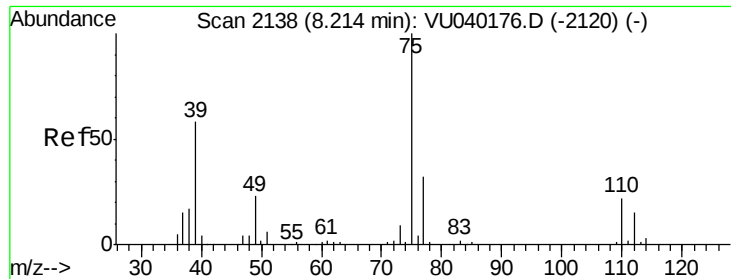
Tot Ion: 63 Resp: 4651
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040190.D
 Acq: 17 Sep 2020 18:42

Tgt Ion: 75 Resp: 1380
 Ion Ratio Lower Upper
 75 100
 77 52.4 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040190.D

Acq: 17 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

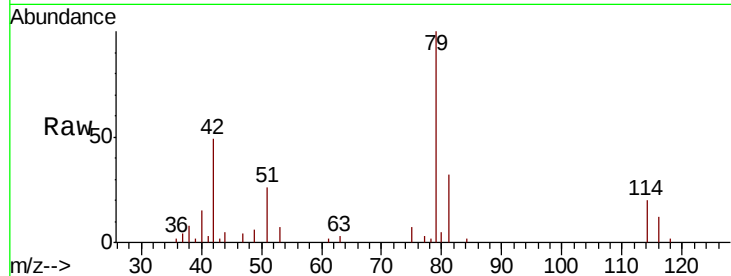
C0AF5

Tot Ion: 75 Resp: 1009

Ion Ratio Lower Upper

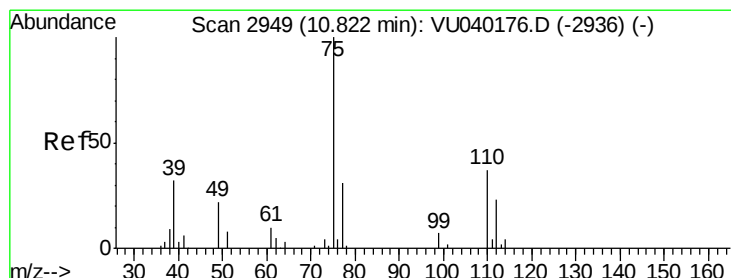
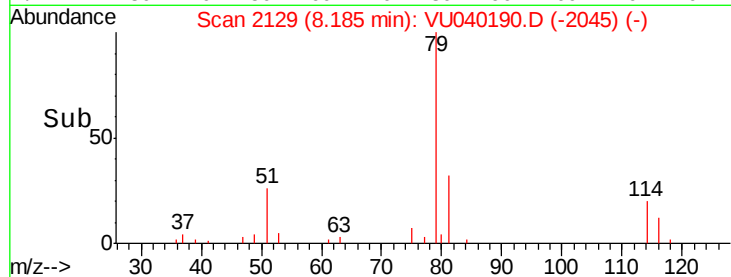
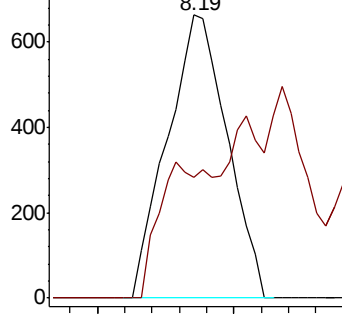
75 100

77 42.8 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: 0.920 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040190.D

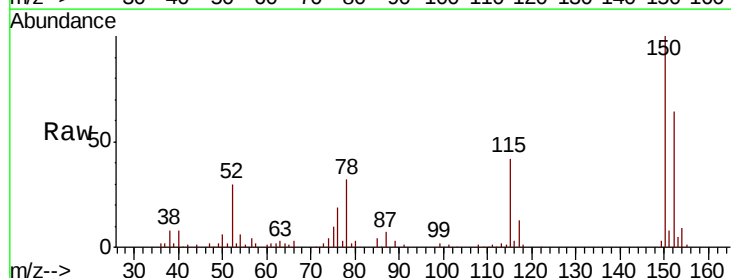
Acq: 17 Sep 2020 18:42

Tgt Ion: 75 Resp: 6691

Ion Ratio Lower Upper

75 100

77 36.7 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

