

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041684.D
 Acq On : 18 Dec 2020 17:24
 Operator : SY/MD
 Sample : L5142-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB5

Quant Time: Dec 19 04:15:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 19 04:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121342	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109408	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35916	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.92	69	34617	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.58	63	54753	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.66	46	149696	54.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.86%
24) Chloroform-d	5.08	84	74874	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.72	65	45165	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.74	84	148940	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	48987	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.91	98	126372	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.19	79	21002	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.64	63	131948	54.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48590	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	46591	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

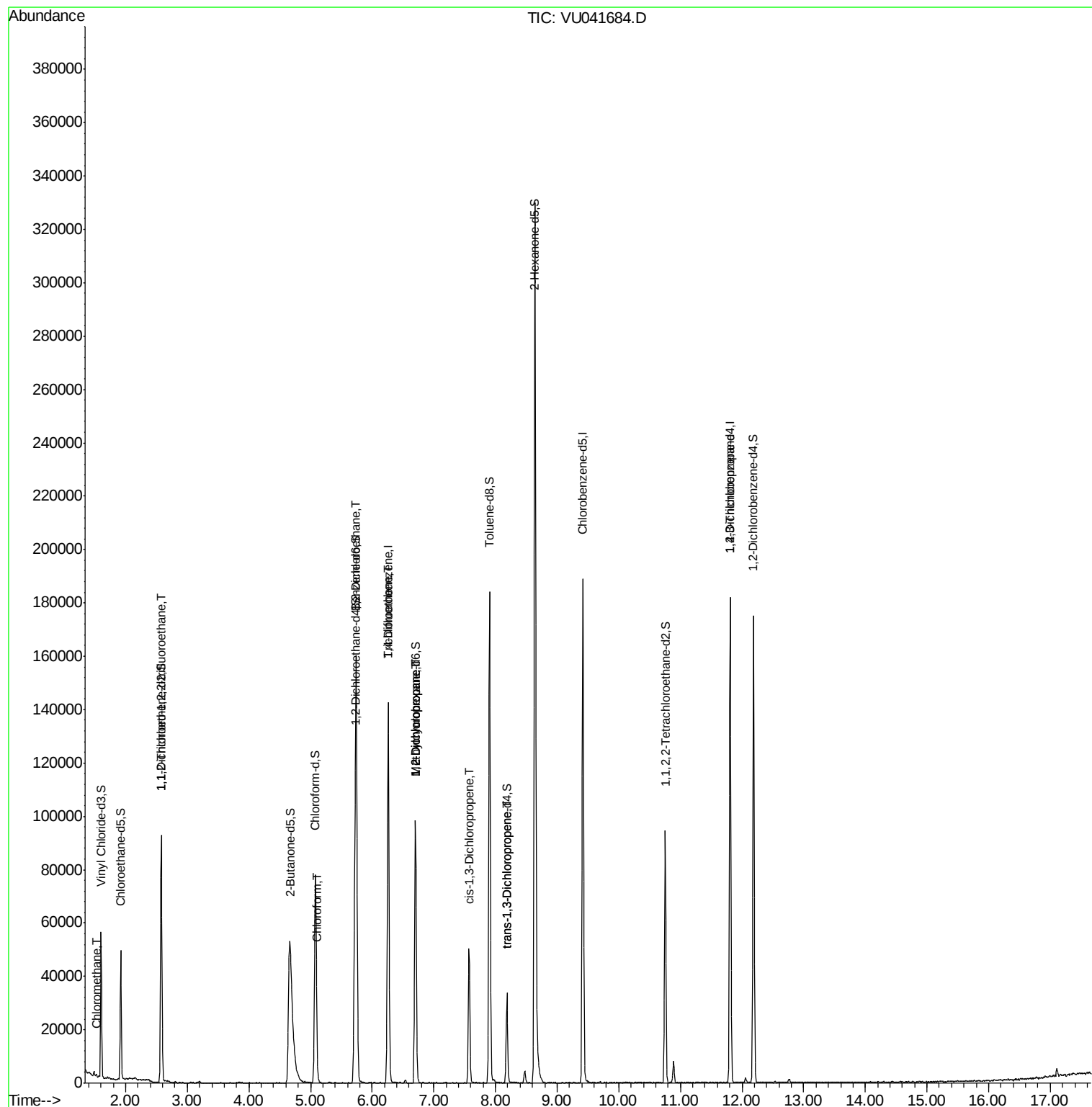
					Ovalue
3) Chloromethane	1.53	50	867	0.087 ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	472	0.057 ug/L #	22
25) Chloroform	5.11	83	1462	0.091 ug/L	82
27) 1,2-Dichloroethane	5.74	62	783	0.072 ug/L #	73
34) Trichloroethene	6.26	95	1970	0.224 ug/L #	7
35) Methylcyclohexane	6.70	83	11081	0.780 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4969	0.555 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1301	0.098 ug/L	85
44) trans-1,3-Dichloropropene	8.19	75	891	0.075 ug/L	98
59) 1,2,3-Trichloropropane	11.81	75	5416	0.806 ug/L	96

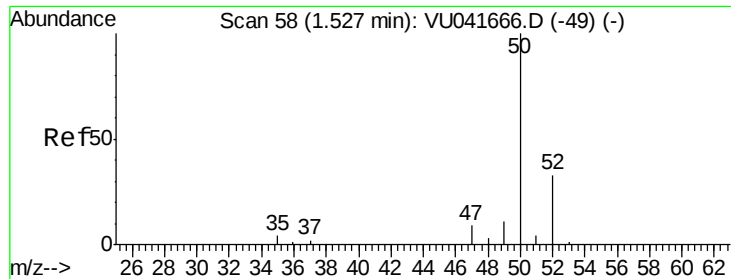
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.087 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041684.D

Acq: 18 Dec 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

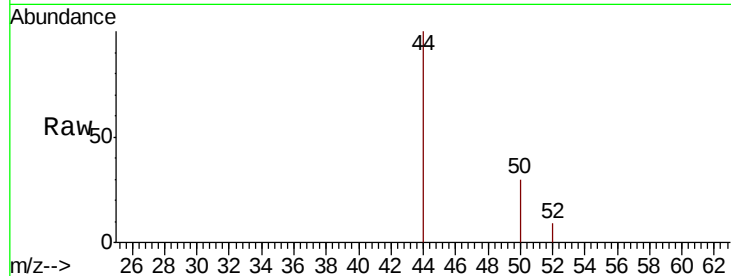
ETZB5

Tot Ion: 50 Resp: 867

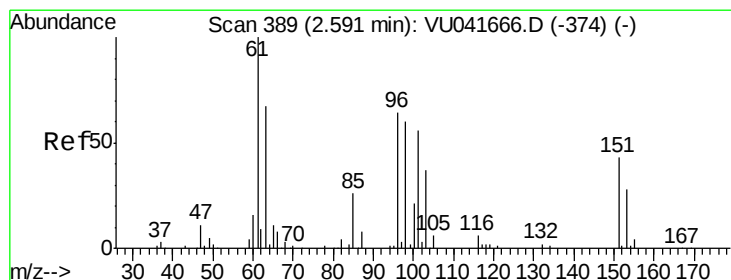
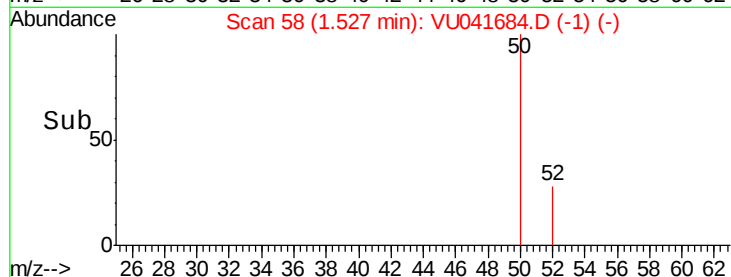
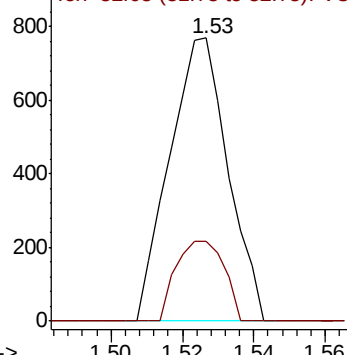
Ion Ratio Lower Upper

50 100

52 28.2 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU041666.D (-49) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.057 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041684.D

Acq: 18 Dec 2020 17:24

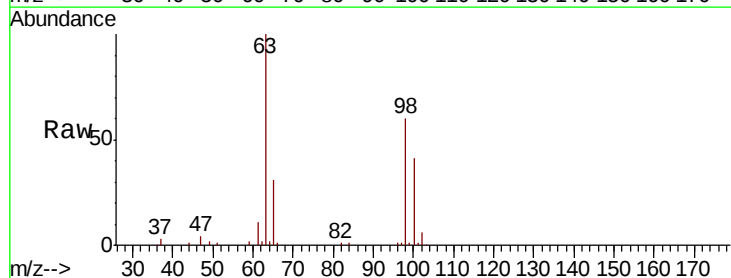
Tgt Ion: 101 Resp: 472

Ion Ratio Lower Upper

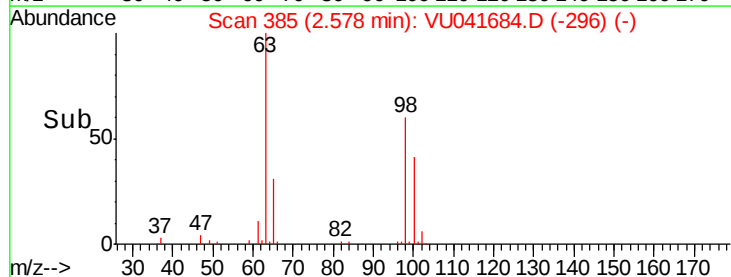
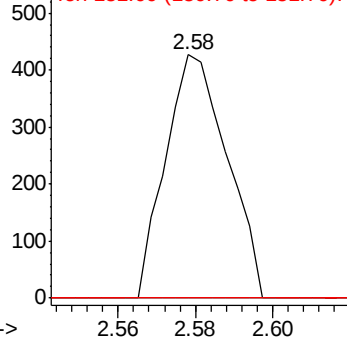
101 100

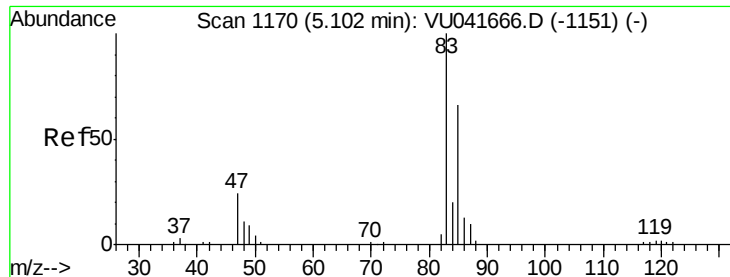
85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): VU041666.D (-374) (-)

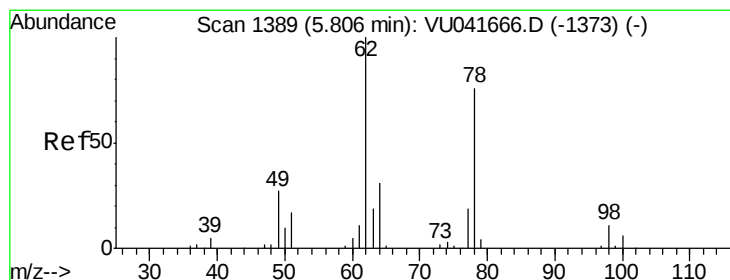
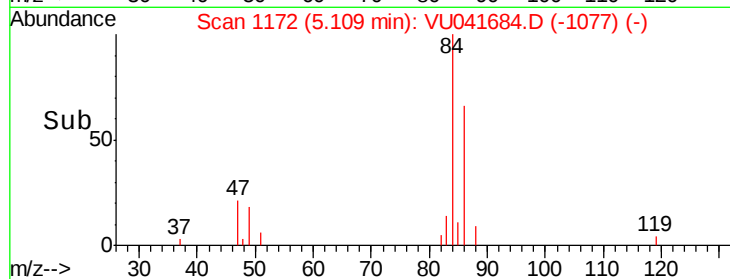
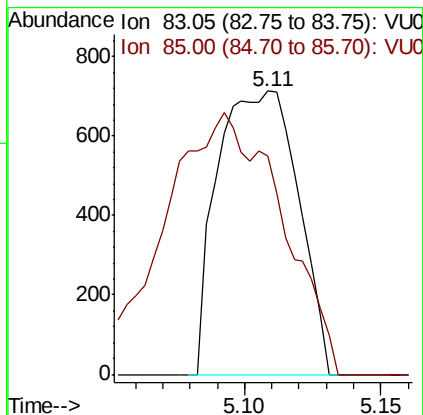
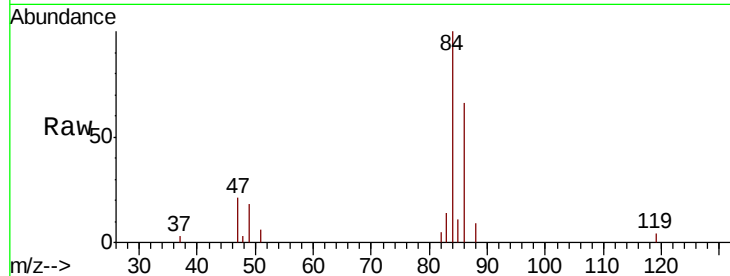




#25
Chloroform
Concen: 0.091 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU041684.D
Acq: 18 Dec 2020 17:24

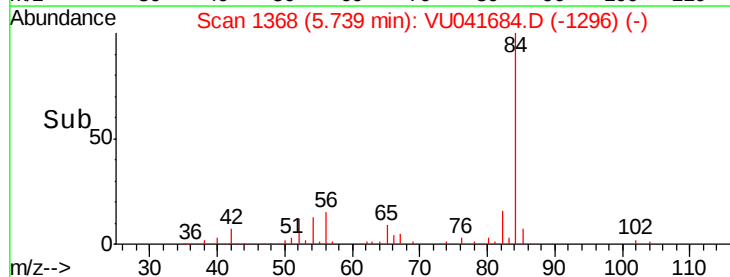
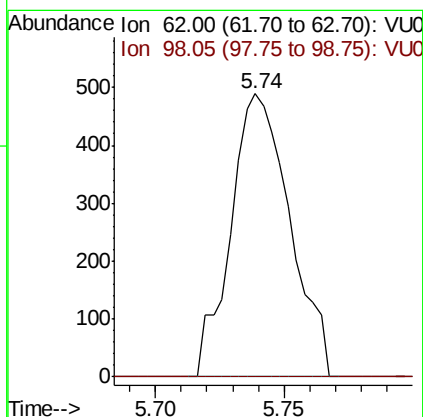
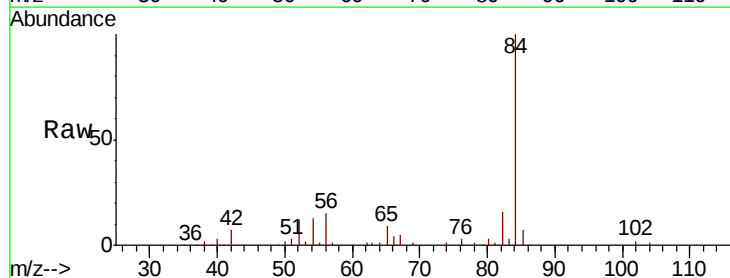
Instrument :
MSVOA_U
ClientSampleId :
ETZB5

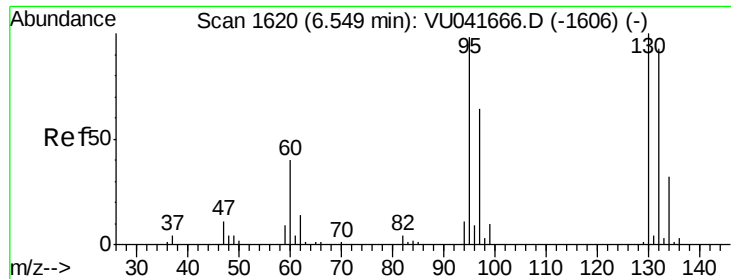
Tot Ion: 83 Resp: 1462
Ion Ratio Lower Upper
83 100
85 77.1 44.2 82.0



#27
1,2-Dichloroethane
Concen: 0.072 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041684.D
Acq: 18 Dec 2020 17:24

Tgt Ion: 62 Resp: 783
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#





#34

Trichloroethene

Concen: 0.224 ug/L

RT: 6.26 min Scan# 1530

Delta R.T. -0.29 min

Lab File: VU041684.D

Acq: 18 Dec 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

ETZB5

Tot Ion: 95 Resp: 1970

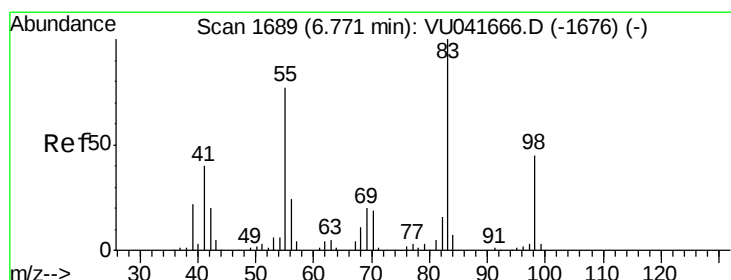
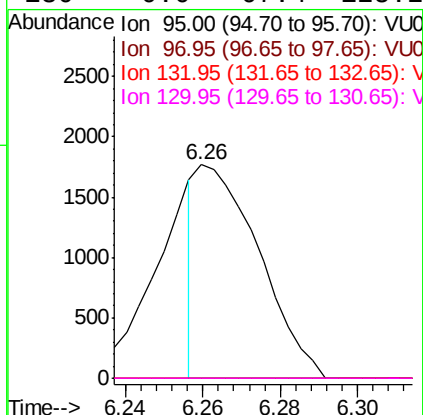
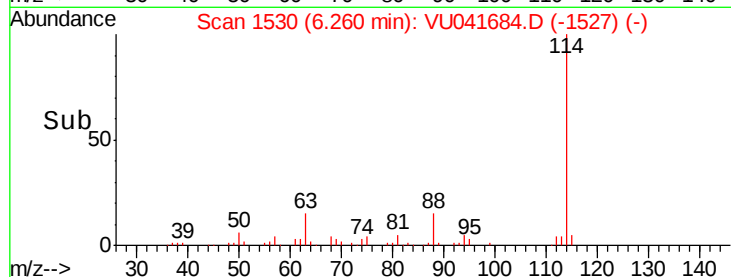
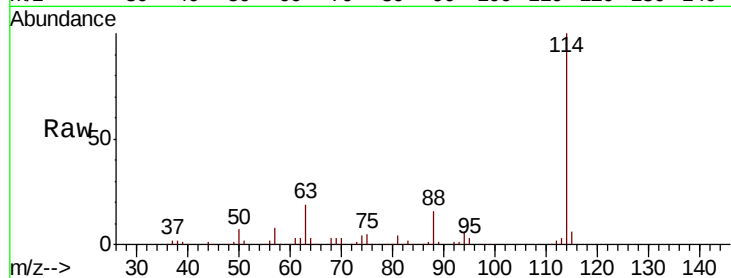
Ion Ratio Lower Upper

95 100

97 0.0 43.9 81.5#

132 0.0 63.1 117.3#

130 0.0 67.4 125.2#



#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041684.D

Acq: 18 Dec 2020 17:24

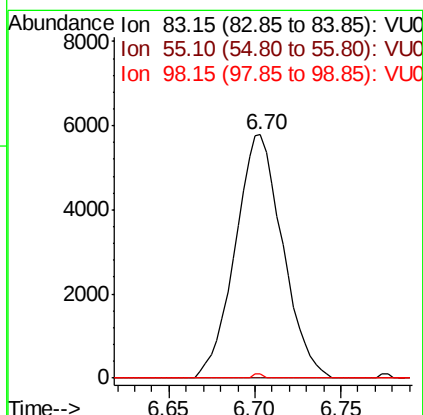
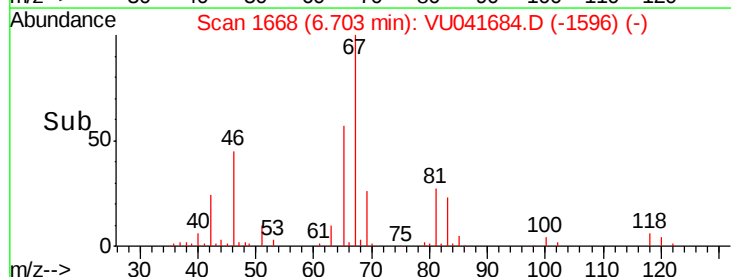
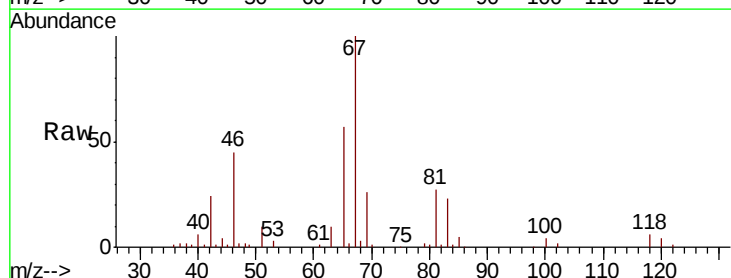
Tgt Ion: 83 Resp: 11081

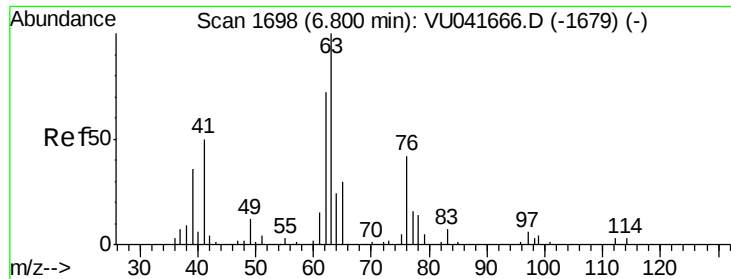
Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

98 0.4 36.6 54.8#

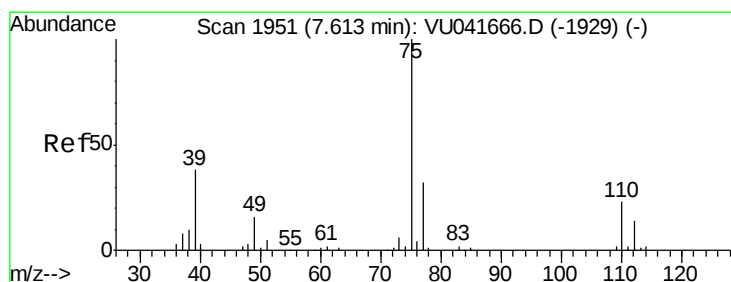
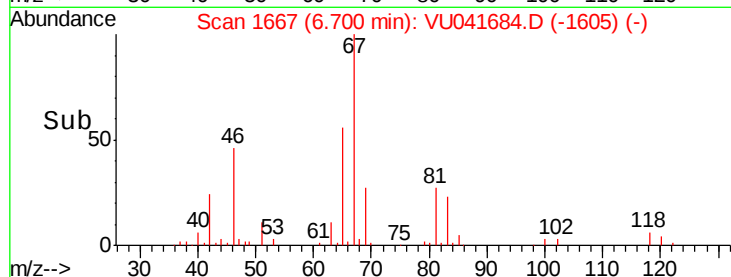
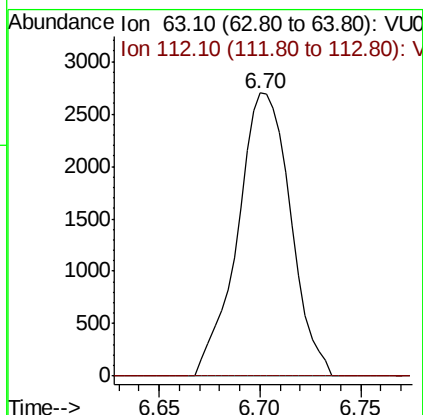
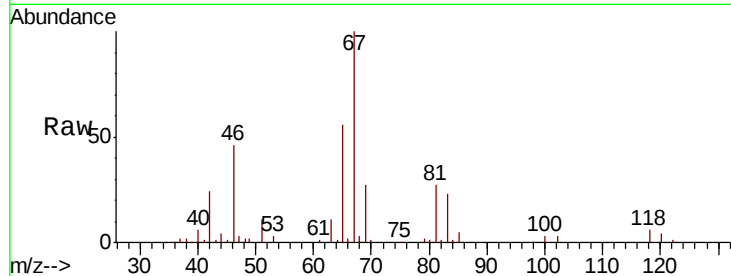




#37
 1,2-Dichloropropane
 Concen: 0.555 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041684.D
 Acq: 18 Dec 2020 17:24

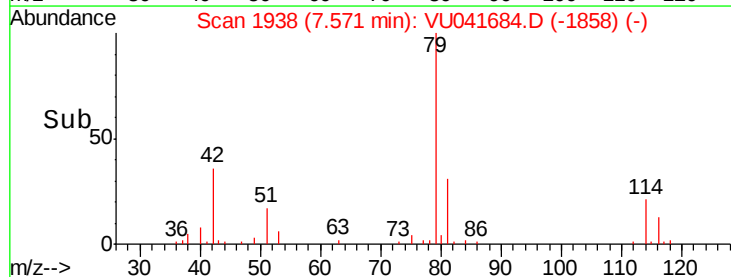
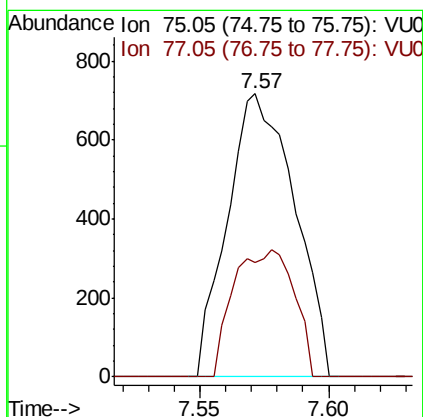
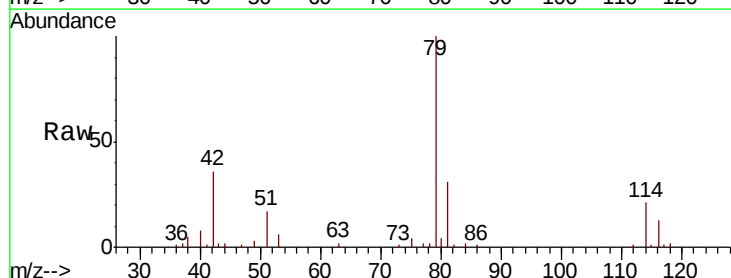
Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB5

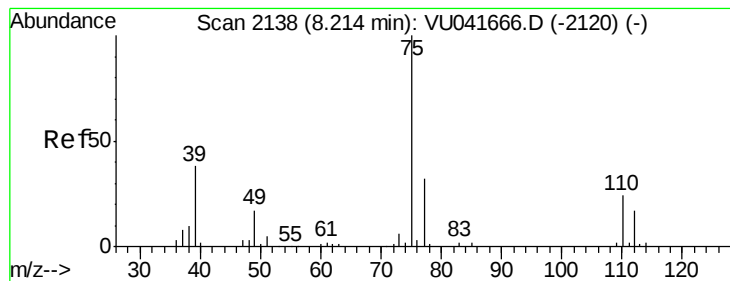
Tot Ion: 63 Resp: 4969
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041684.D
 Acq: 18 Dec 2020 17:24

Tgt Ion: 75 Resp: 1301
 Ion Ratio Lower Upper
 75 100
 77 40.3 22.3 41.3





#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041684.D

Acq: 18 Dec 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

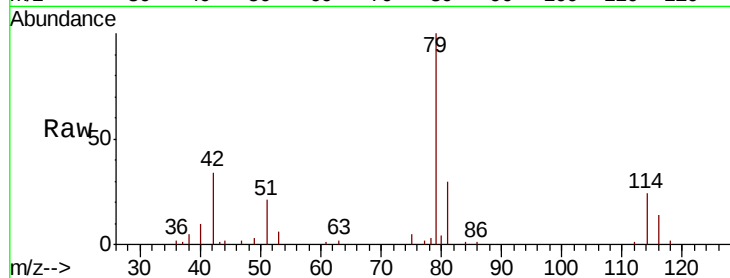
ETZB5

Tot Ion: 75 Resp: 891

Ion Ratio Lower Upper

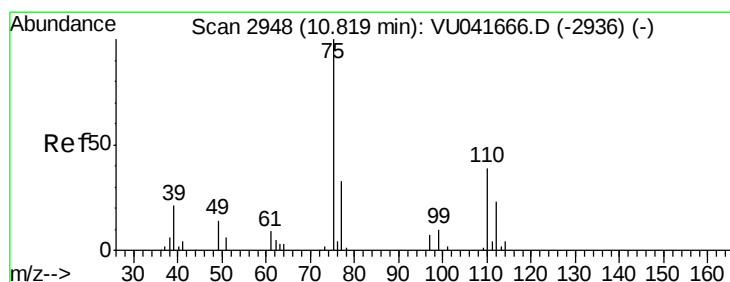
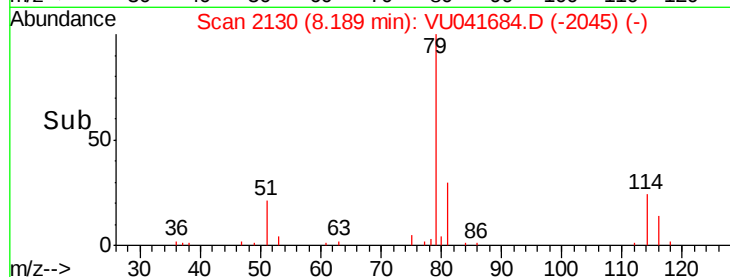
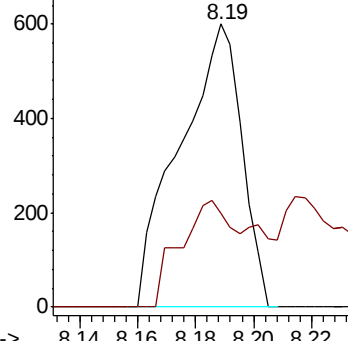
75 100

77 33.0 23.8 44.2



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: 0.806 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041684.D

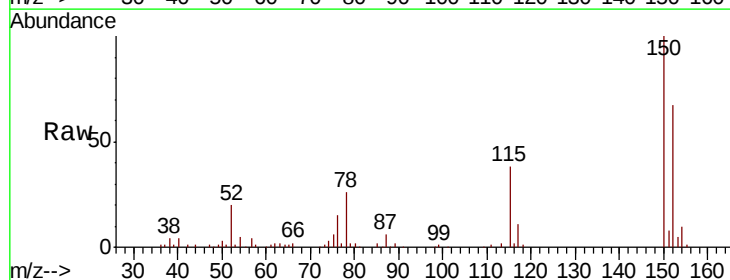
Acq: 18 Dec 2020 17:24

Tgt Ion: 75 Resp: 5416

Ion Ratio Lower Upper

75 100

77 30.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

