

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041679.D
 Acq On : 18 Dec 2020 15:01
 Operator : SY/MD
 Sample : L5143-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Dec 19 04:14:49 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	118797	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119088	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54652	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36585	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.92	69	33996	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.58	63	55282	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.67	46	144761	54.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.52%
24) Chloroform-d	5.08	84	75164	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	45297	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.74	84	148032	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.70	67	51977	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.90	98	137768	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	20926	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	138155	52.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50602	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	53271	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

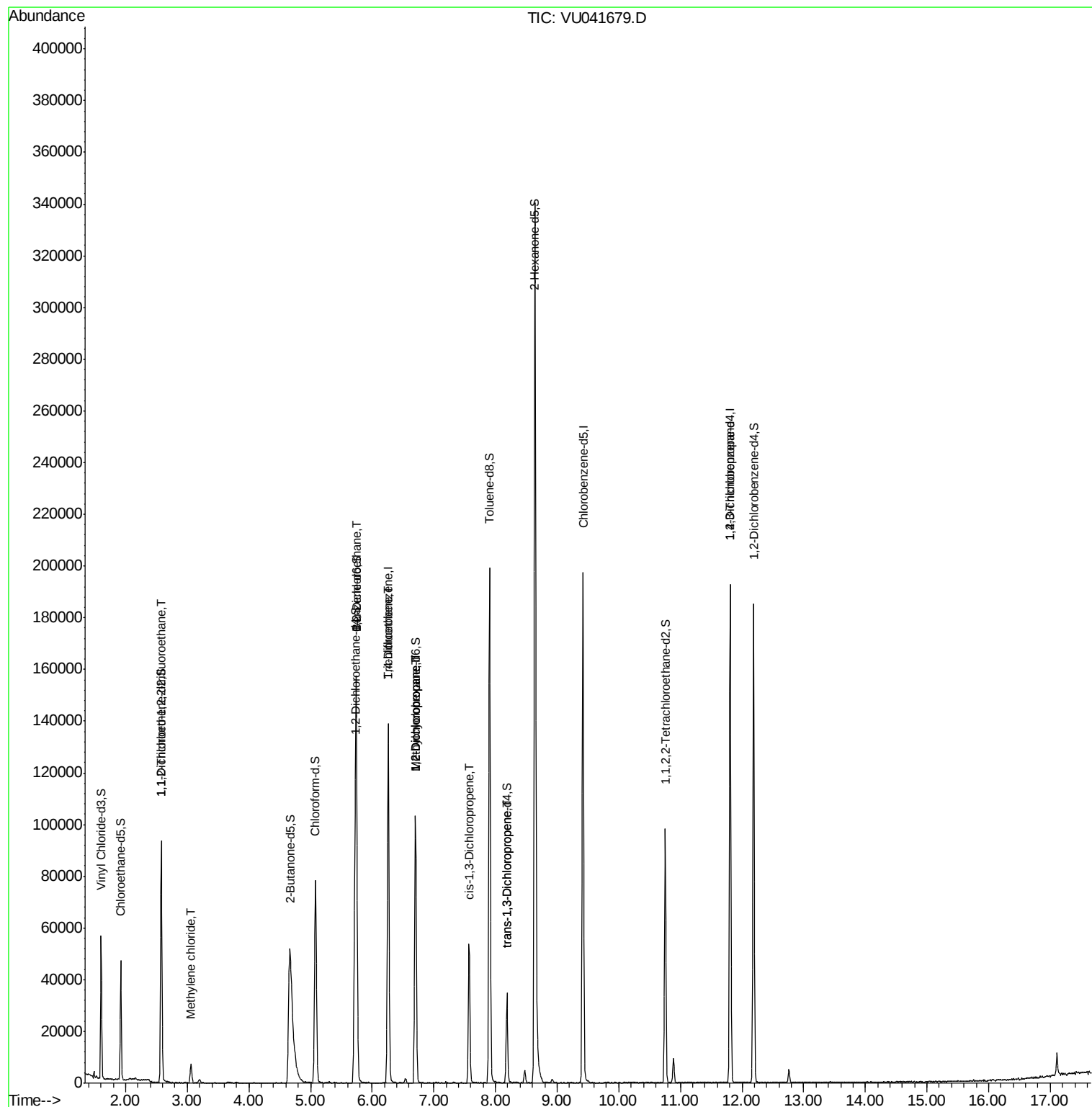
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	429	0.052 ug/L #	22
16) Methylene chloride	3.06	84	3724	0.387 ug/L	97
27) 1,2-Dichloroethane	5.74	62	856	0.081 ug/L #	73
34) Trichloroethene	6.26	95	2142	0.224 ug/L #	7
35) Methylcyclohexane	6.70	83	11950	0.772 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5057	0.519 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1294	0.090 ug/L	83
44) trans-1,3-Dichloropropene	8.18	75	699	0.054 ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	5575	0.762 ug/L	96

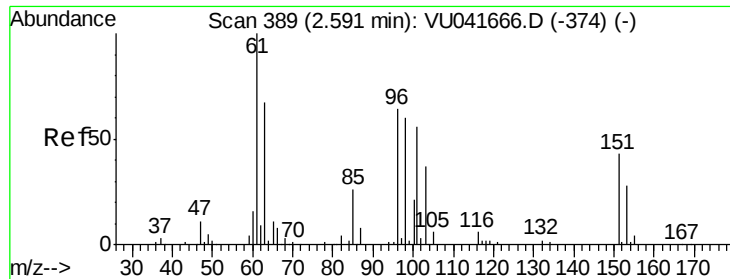
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#10

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

Concen: 0.052 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041679.D

Acq: 18 Dec 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

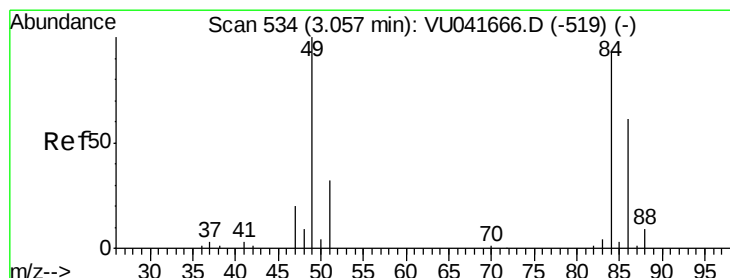
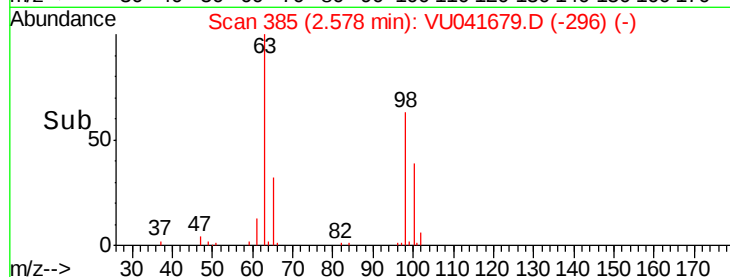
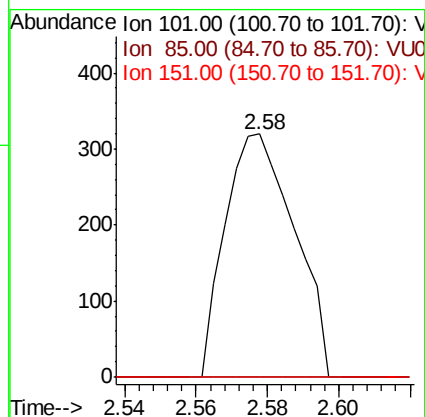
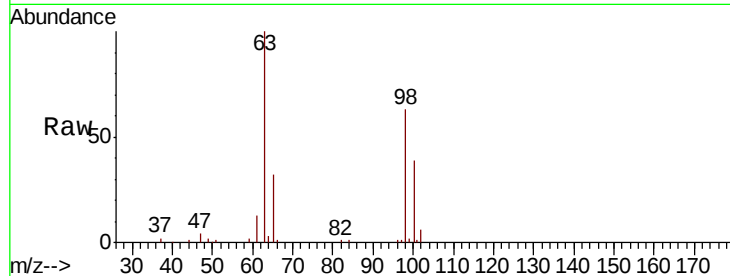
Tot Ion:101 Resp: 429

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



#16

Methylene chloride

Concen: 0.387 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041679.D

Acq: 18 Dec 2020 15:01

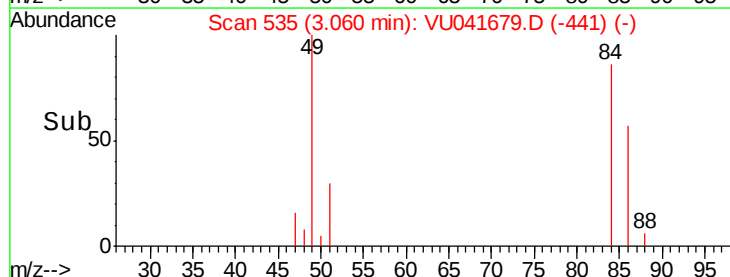
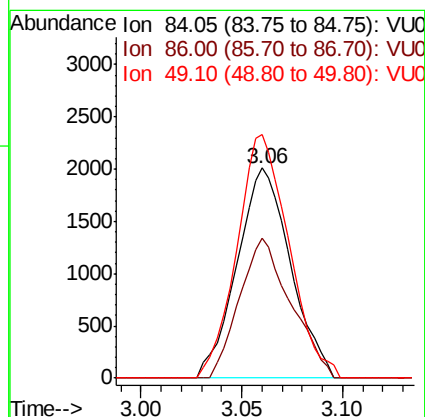
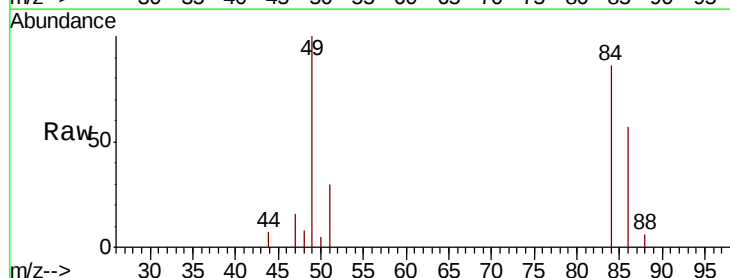
Tgt Ion: 84 Resp: 3724

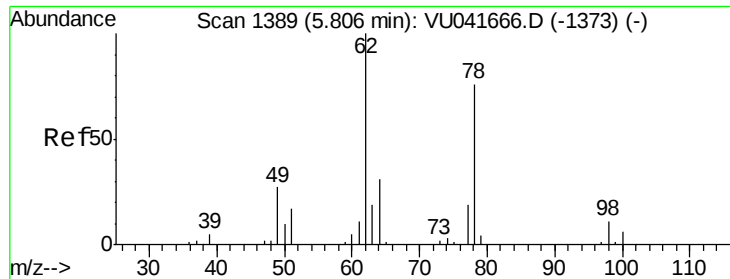
Ion Ratio Lower Upper

84 100

86 66.7 45.1 83.7

49 116.1 83.1 154.3

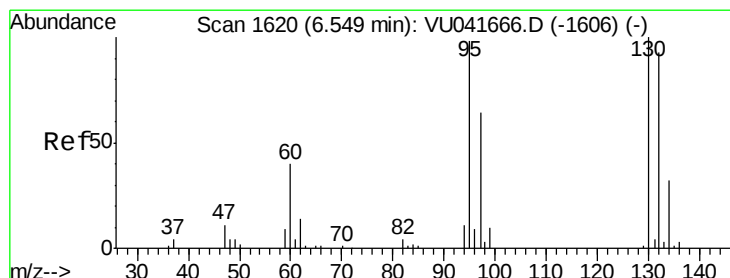
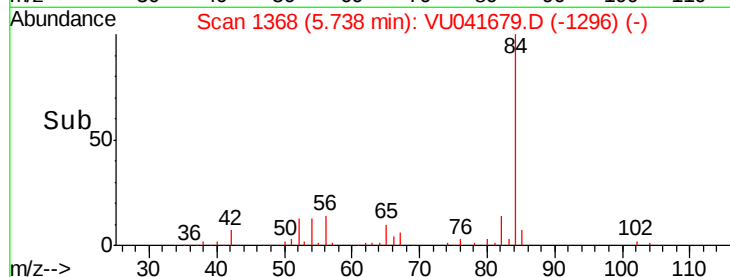
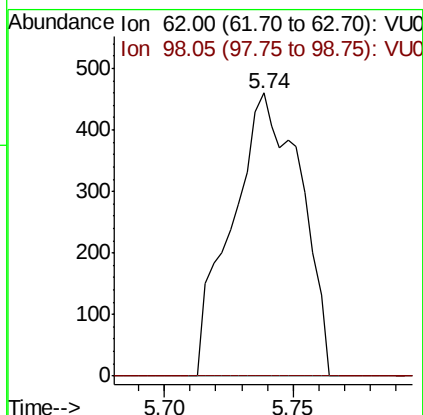
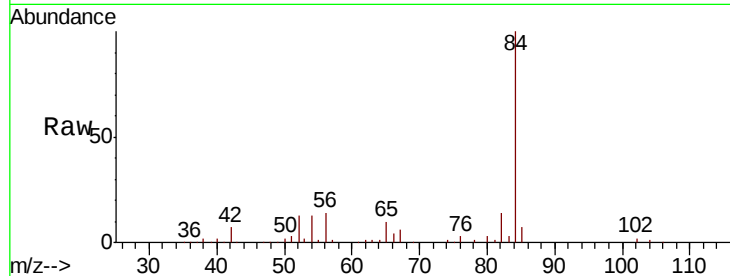




#27
 1,2-Dichloroethane
 Concen: 0.081 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041679.D
 Acq: 18 Dec 2020 15:01

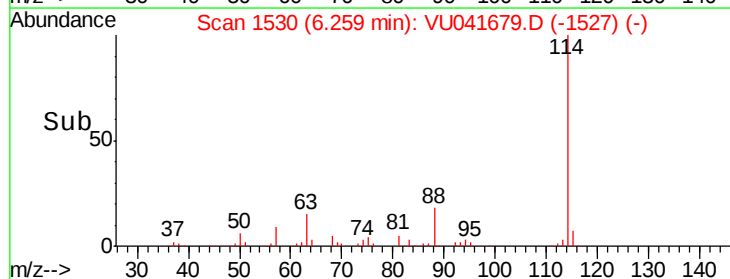
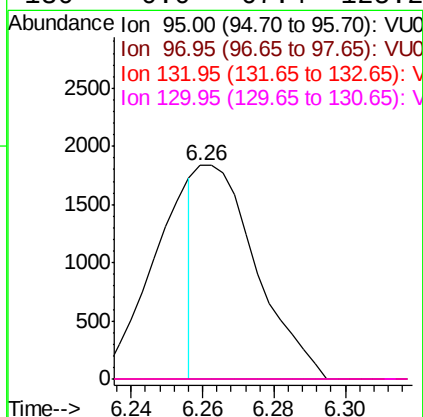
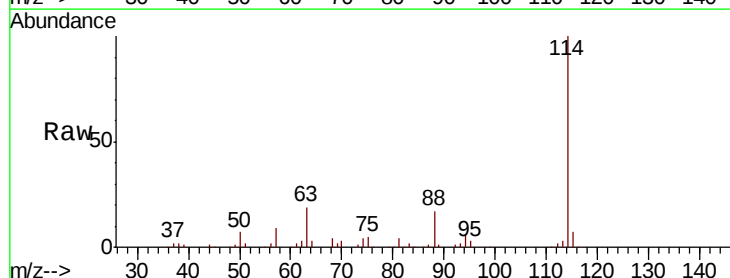
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

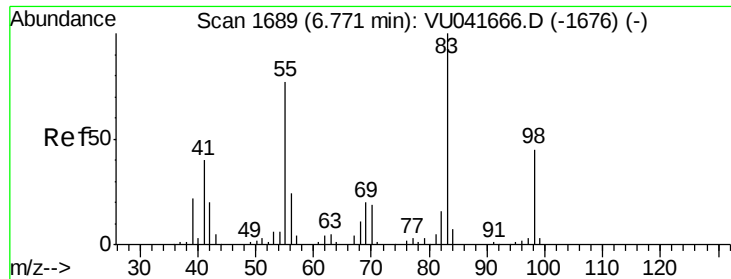
Tot Ion: 62 Resp: 856
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#34
 Trichloroethene
 Concen: 0.224 ug/L
 RT: 6.26 min Scan# 1530
 Delta R.T. -0.29 min
 Lab File: VU041679.D
 Acq: 18 Dec 2020 15:01

Tgt Ion: 95 Resp: 2142
 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#

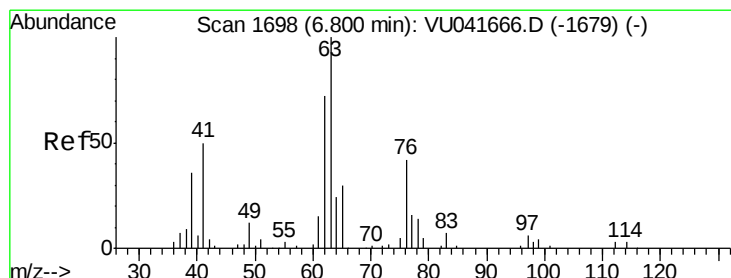
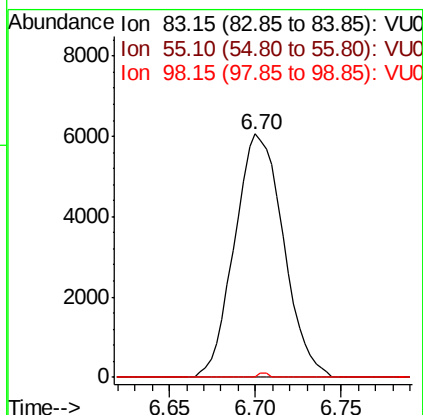
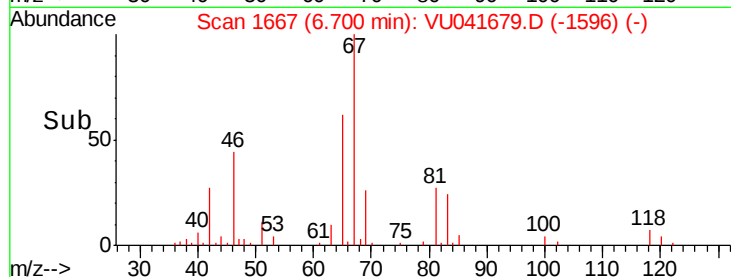
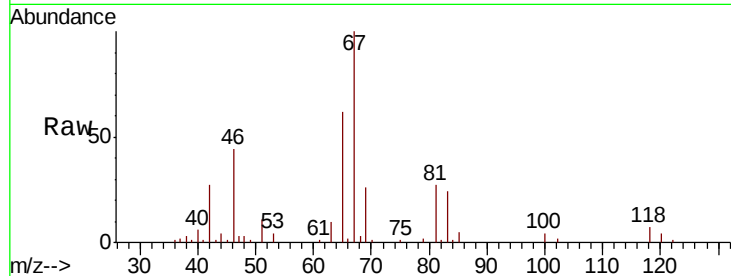




#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041679.D
Acq: 18 Dec 2020 15:01

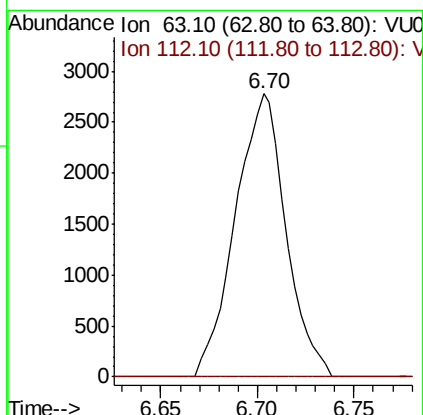
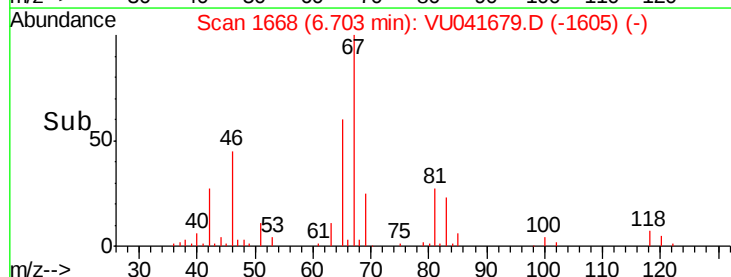
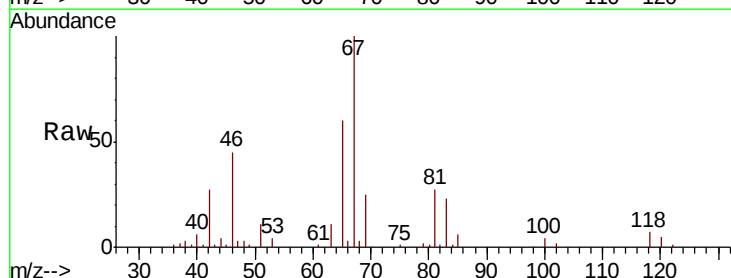
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

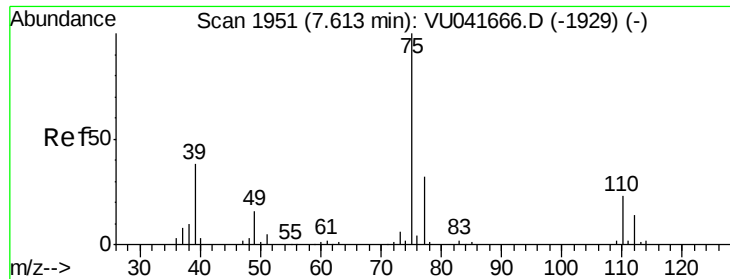
Tot Ion: 83 Resp: 11950
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.4 36.6 54.8#



#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041679.D
Acq: 18 Dec 2020 15:01

Tgt Ion: 63 Resp: 5057
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



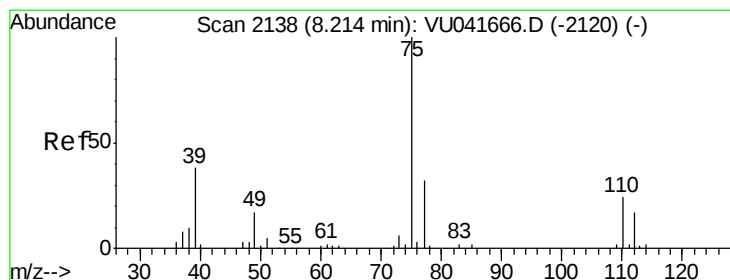
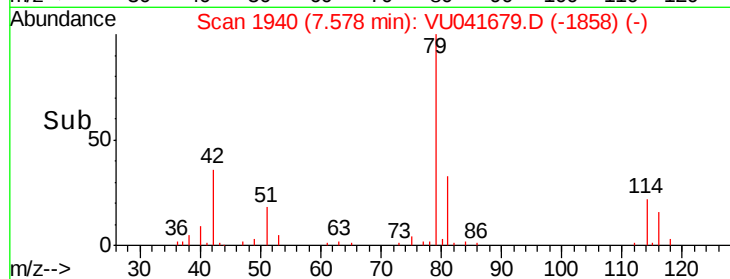
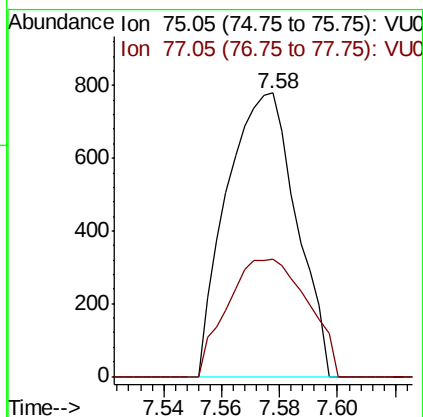
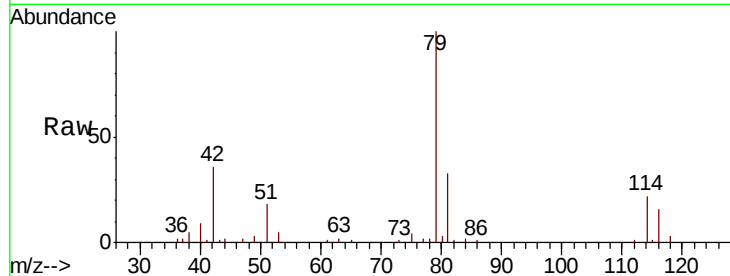


#39

cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU041679.D
Acq: 18 Dec 2020 15:01

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

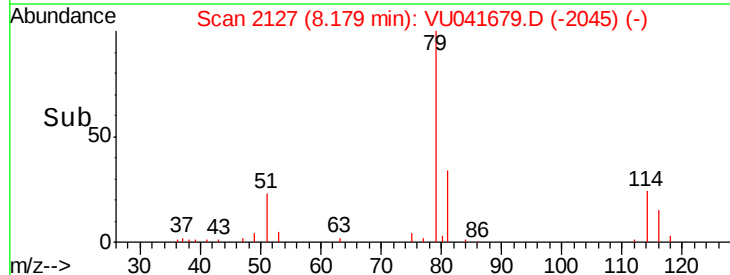
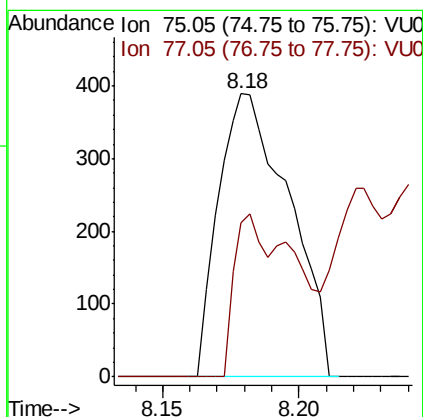
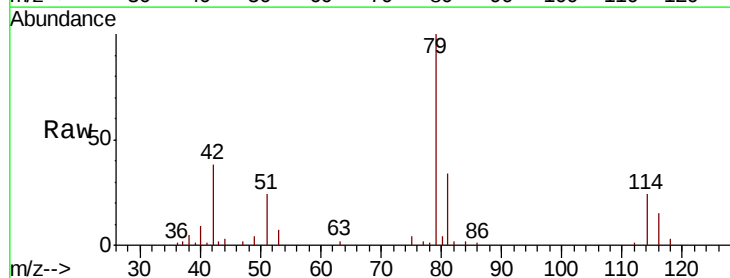
Tot Ion: 75 Resp: 1294
Ion Ratio Lower Upper
75 100
77 41.2 22.3 41.3

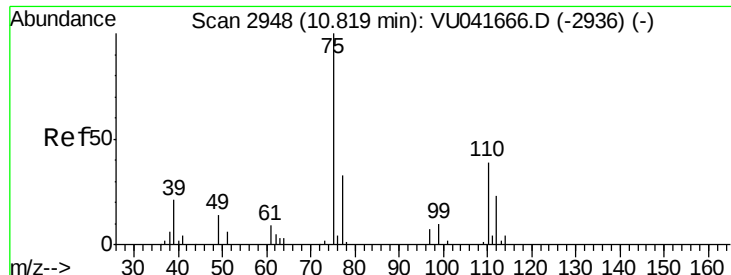


#44

trans-1,3-Dichloropropene
Concen: 0.054 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU041679.D
Acq: 18 Dec 2020 15:01

Tgt Ion: 75 Resp: 699
Ion Ratio Lower Upper
75 100
77 54.2 23.8 44.2#





#59

1,2,3-Trichloropropane

Concen: 0.762 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041679.D

Acq: 18 Dec 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 5575

Ion Ratio Lower Upper

75 100

77 35.0 26.2 39.2

