

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041583.D
 Acq On : 12 Dec 2020 22:06
 Operator : SY/MD
 Sample : L5023-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Dec 13 11:28:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	139016	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	146167	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71020	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36228	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.92	69	35277	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.58	63	59658	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.66	46	168220	53.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.76%
24) Chloroform-d	5.08	84	85149	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	50984	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.74	84	172333	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.70	67	57664	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.90	98	150631	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.19	79	23297	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.64	63	135885	42.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54618	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	60243	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

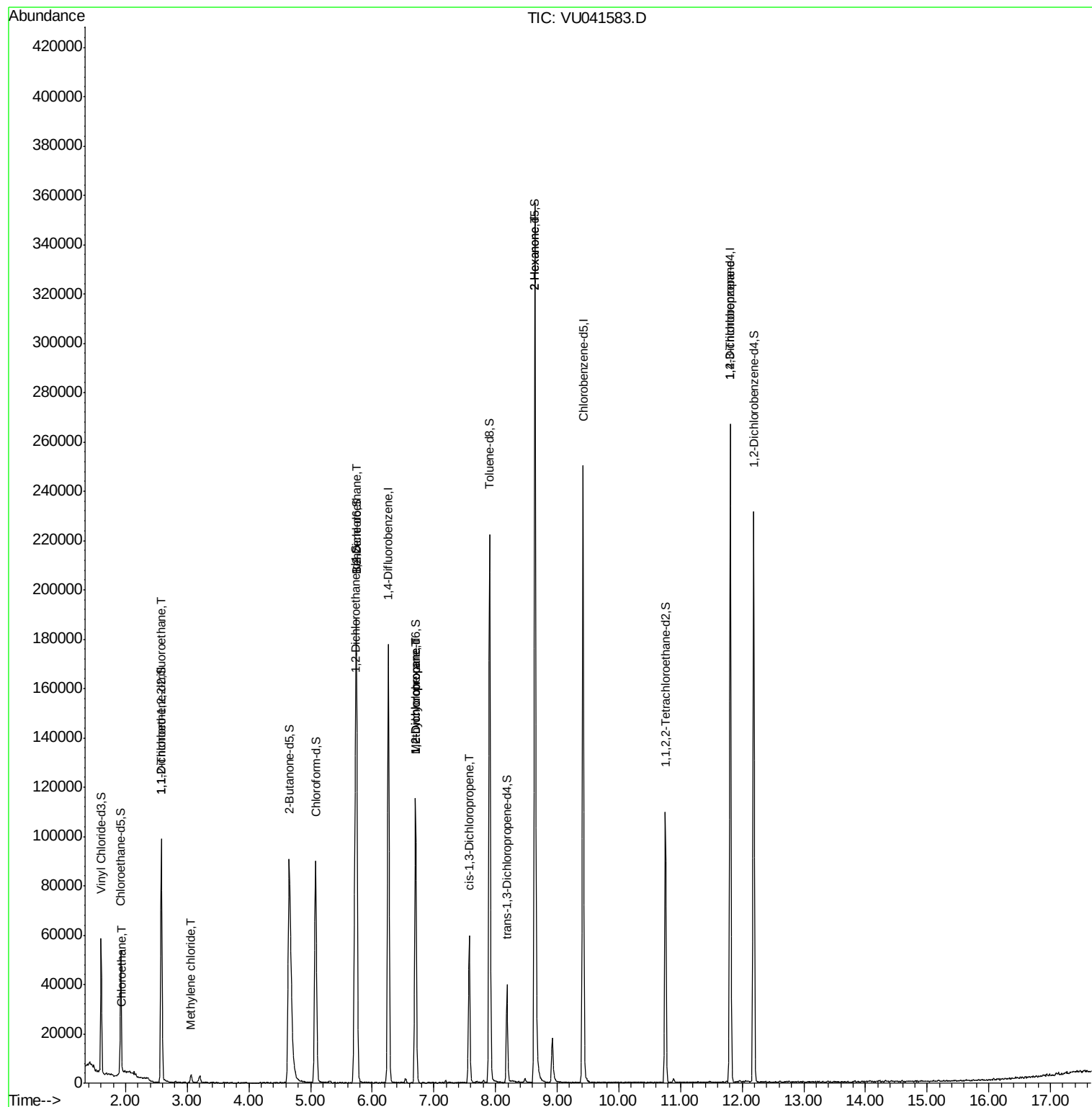
					Ovalue
8) Chloroethane	1.95	64	963	0.112 ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	470	0.049 ug/L #	22
16) Methylene chloride	3.06	84	1701	0.151 ug/L	99
27) 1,2-Dichloroethane	5.74	62	978	0.079 ug/L #	73
35) Methylcyclohexane	6.70	83	13002	0.685 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5742	0.480 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1280	0.072 ug/L #	80
48) 2-Hexanone	8.64	43	14209	2.295 ug/L #	66
59) 1,2,3-Trichloropropane	11.81	75	8392	0.935 ug/L	99

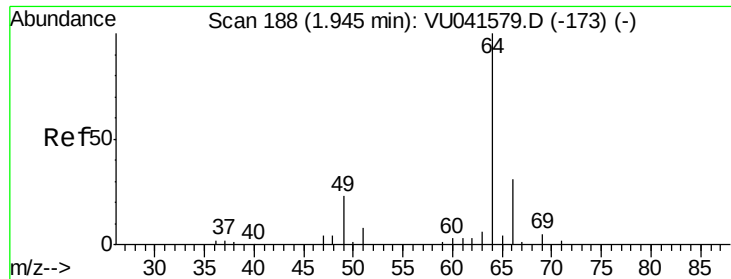
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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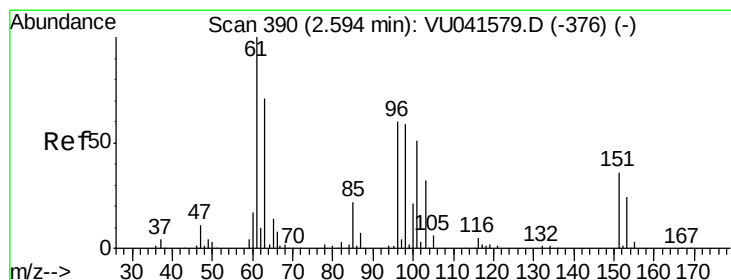
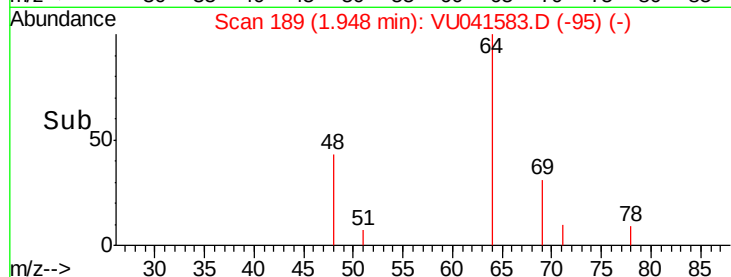
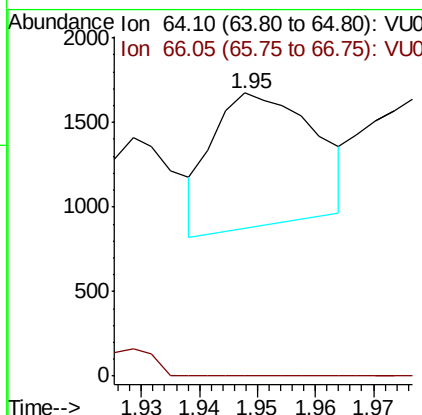
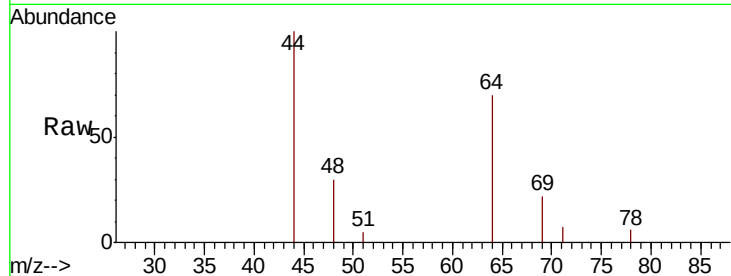




#8
Chloroethane
Concen: 0.112 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU041583.D
Acq: 12 Dec 2020 22:06

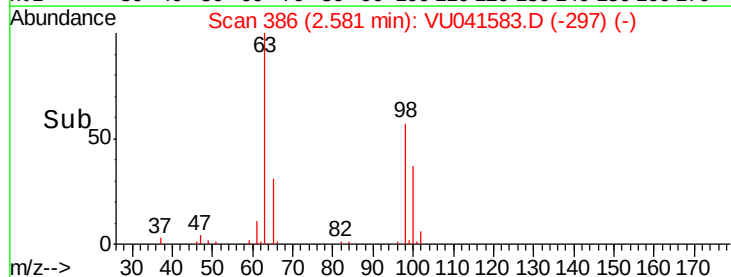
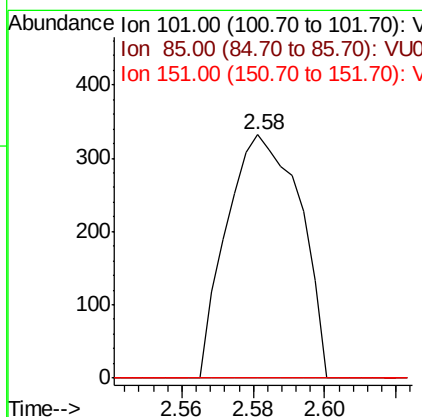
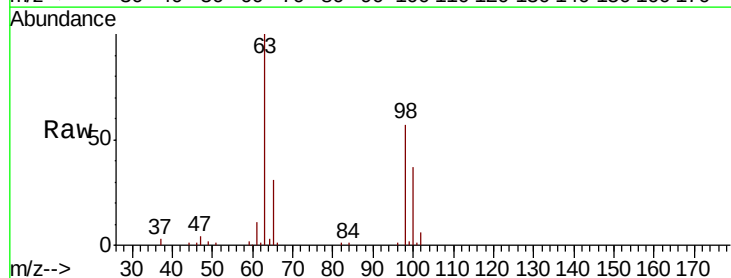
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VHBLK01

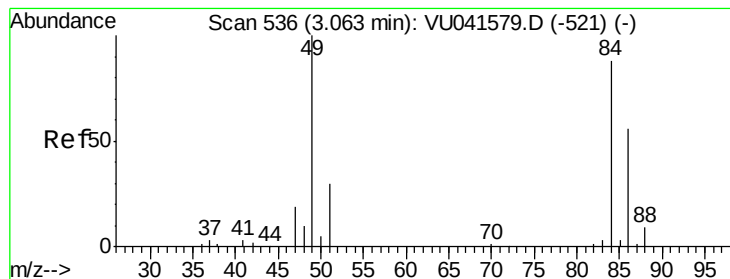
Tot Ion: 64 Resp: 963
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.0#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.049 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041583.D
Acq: 12 Dec 2020 22:06

Tgt Ion: 101 Resp: 470
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 56.2 84.4#





#16

Methylene chloride

Concen: 0.151 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU041583.D

Acq: 12 Dec 2020 22:06

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

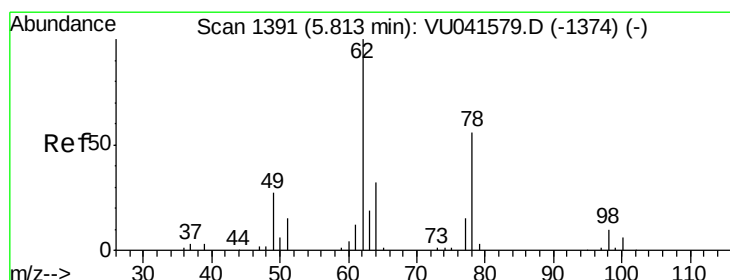
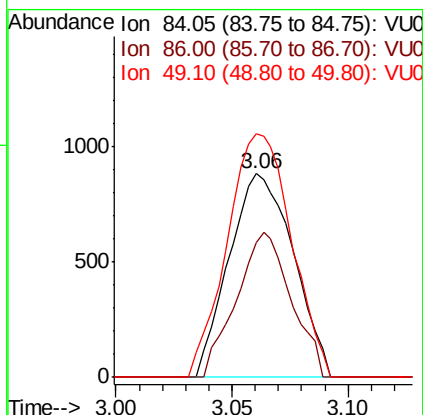
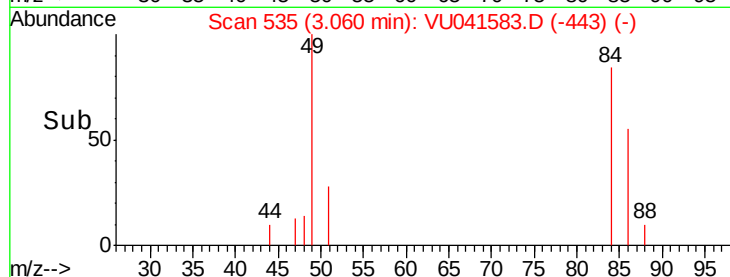
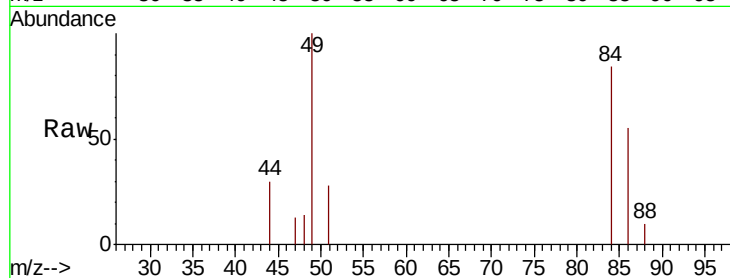
Tot Ion: 84 Resp: 1701

Ion Ratio Lower Upper

84 100

86 66.0 45.1 83.7

49 119.5 83.1 154.3



#27

1,2-Dichloroethane

Concen: 0.079 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU041583.D

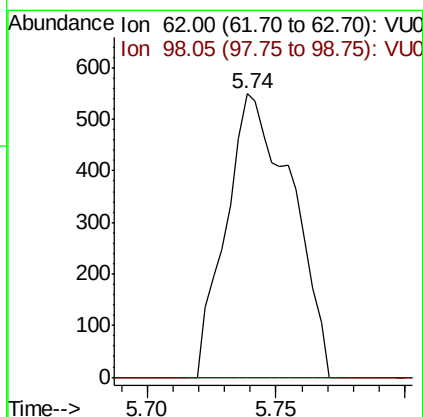
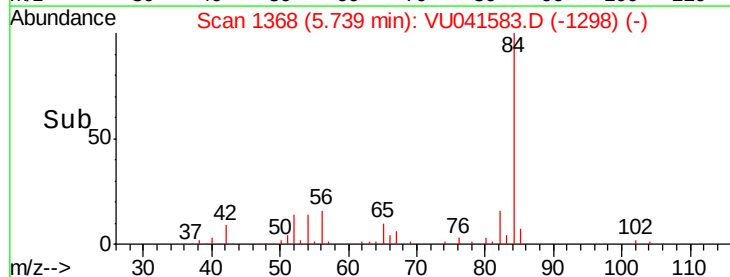
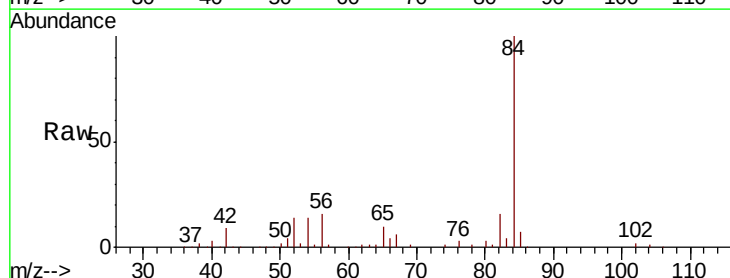
Acq: 12 Dec 2020 22:06

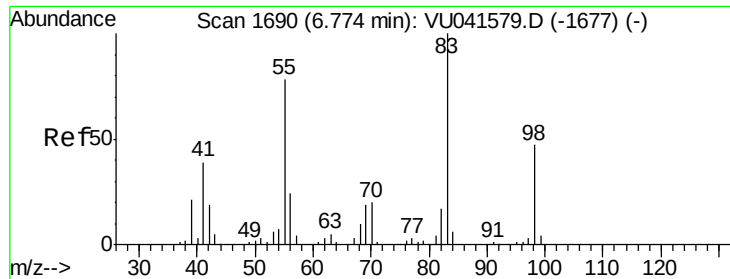
Tgt Ion: 62 Resp: 978

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#

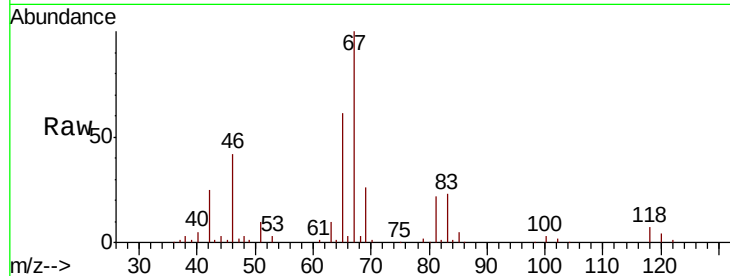




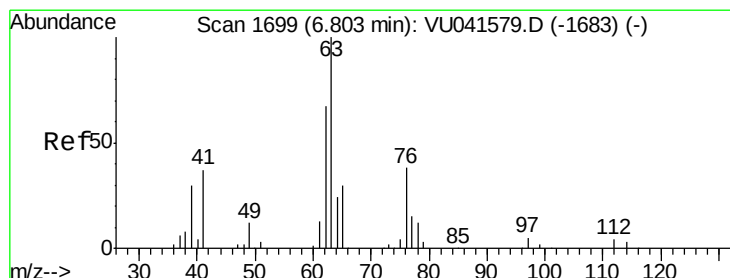
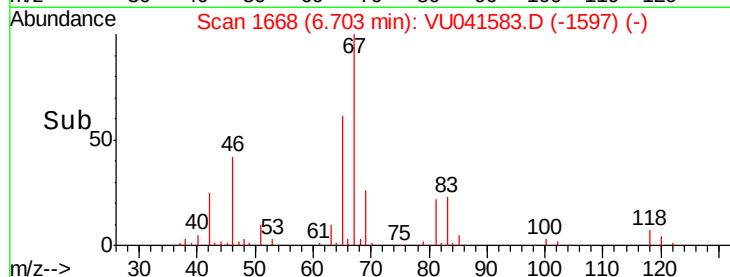
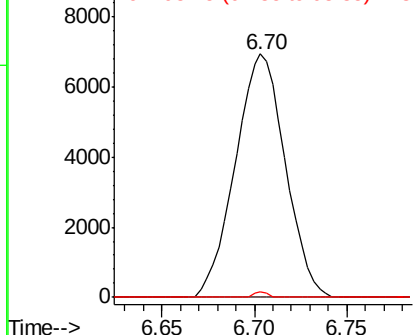
#35
Methylvlcyclohexane
Concen: 0.685 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041583.D
Acq: 12 Dec 2020 22:06

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.6	36.6	54.8#

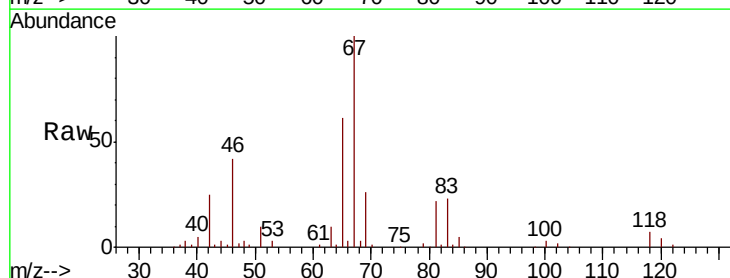


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

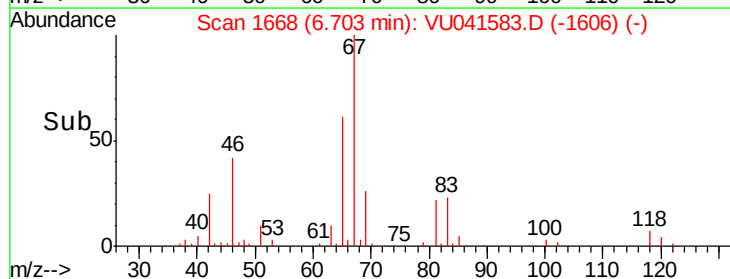
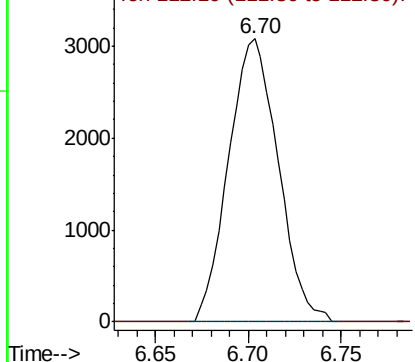


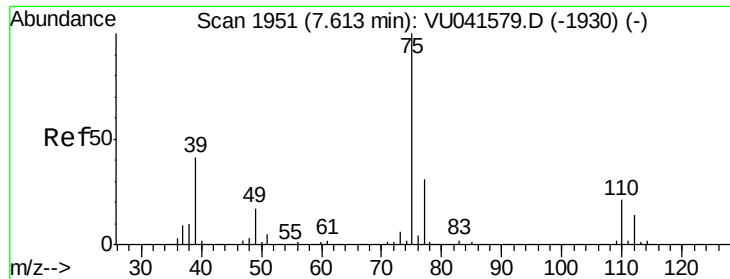
#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041583.D
Acq: 12 Dec 2020 22:06

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



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

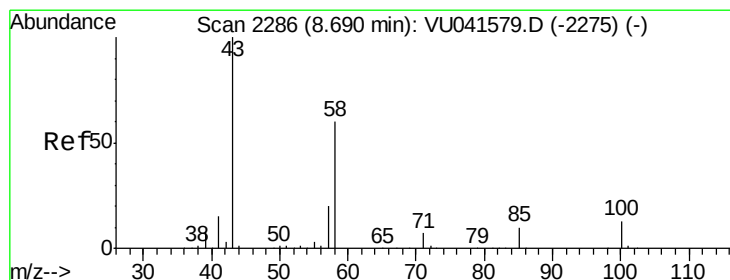
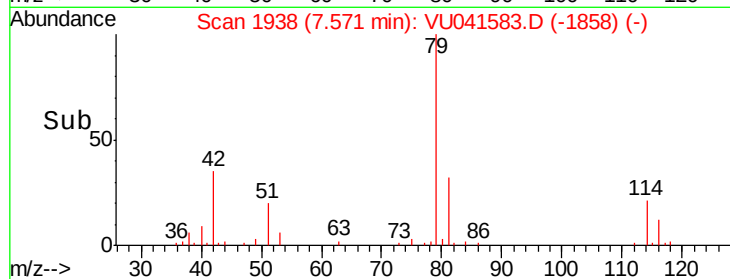
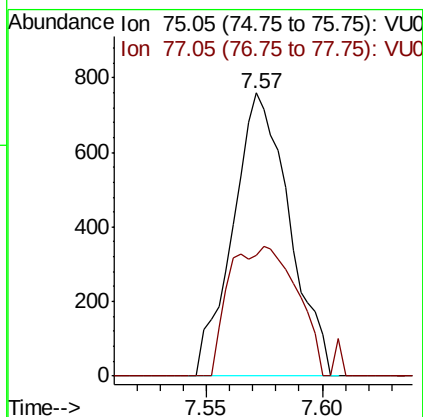
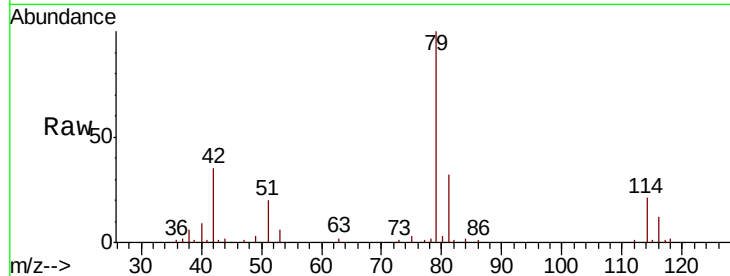




#39
 cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041583.D
 Acq: 12 Dec 2020 22:06

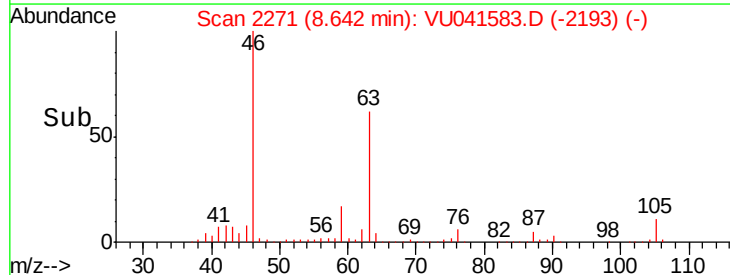
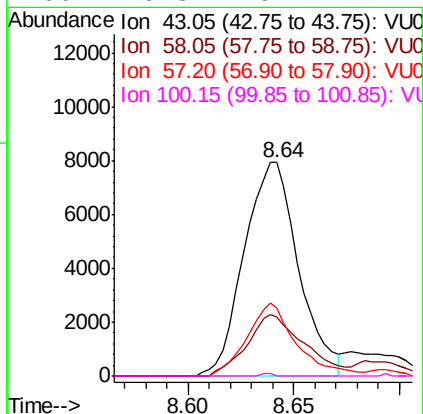
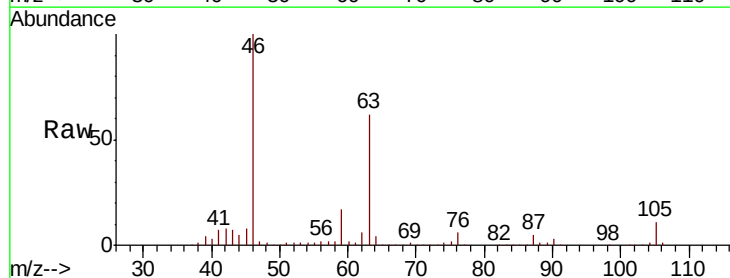
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

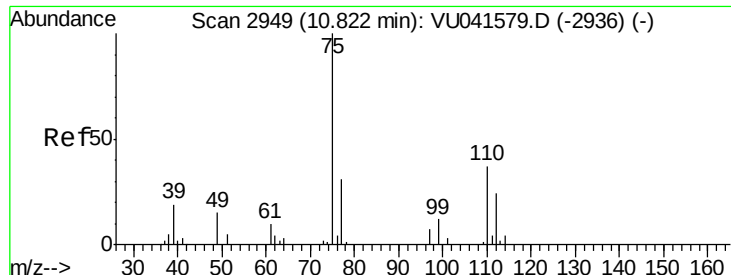
Tot Ion: 75 Resp: 1280
 Ion Ratio Lower Upper
 75 100
 77 42.7 22.3 41.3#



#48
 2-Hexanone
 Concen: 2.295 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU041583.D
 Acq: 12 Dec 2020 22:06

Tgt Ion: 43 Resp: 14209
 Ion Ratio Lower Upper
 43 100
 58 29.9 47.9 71.9#
 57 30.8 16.5 24.7#
 100 0.3 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.935 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041583.D

Acq: 12 Dec 2020 22:06

Instrument :

MSVOA_U

ClientSampleId :

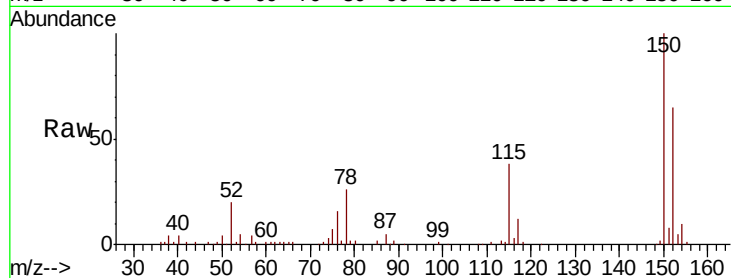
VHBLK01

Tot Ion: 75 Resp: 8392

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

