

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102720\
 Data File : VU040988.D
 Acq On : 27 Oct 2020 16:58
 Operator : SY/MD
 Sample : L4492-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 28 02:26:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 28 02:17:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	55951	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58631	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23247	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22660	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.92	69	19331	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.58	63	35012	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.66	46	82608	53.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.74%
24) Chloroform-d	5.09	84	42872	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.72	65	27388	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.75	84	76792	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.70	67	26337	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.91	98	59127	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.19	79	9945	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.64	63	57862	48.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23555	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	22695	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

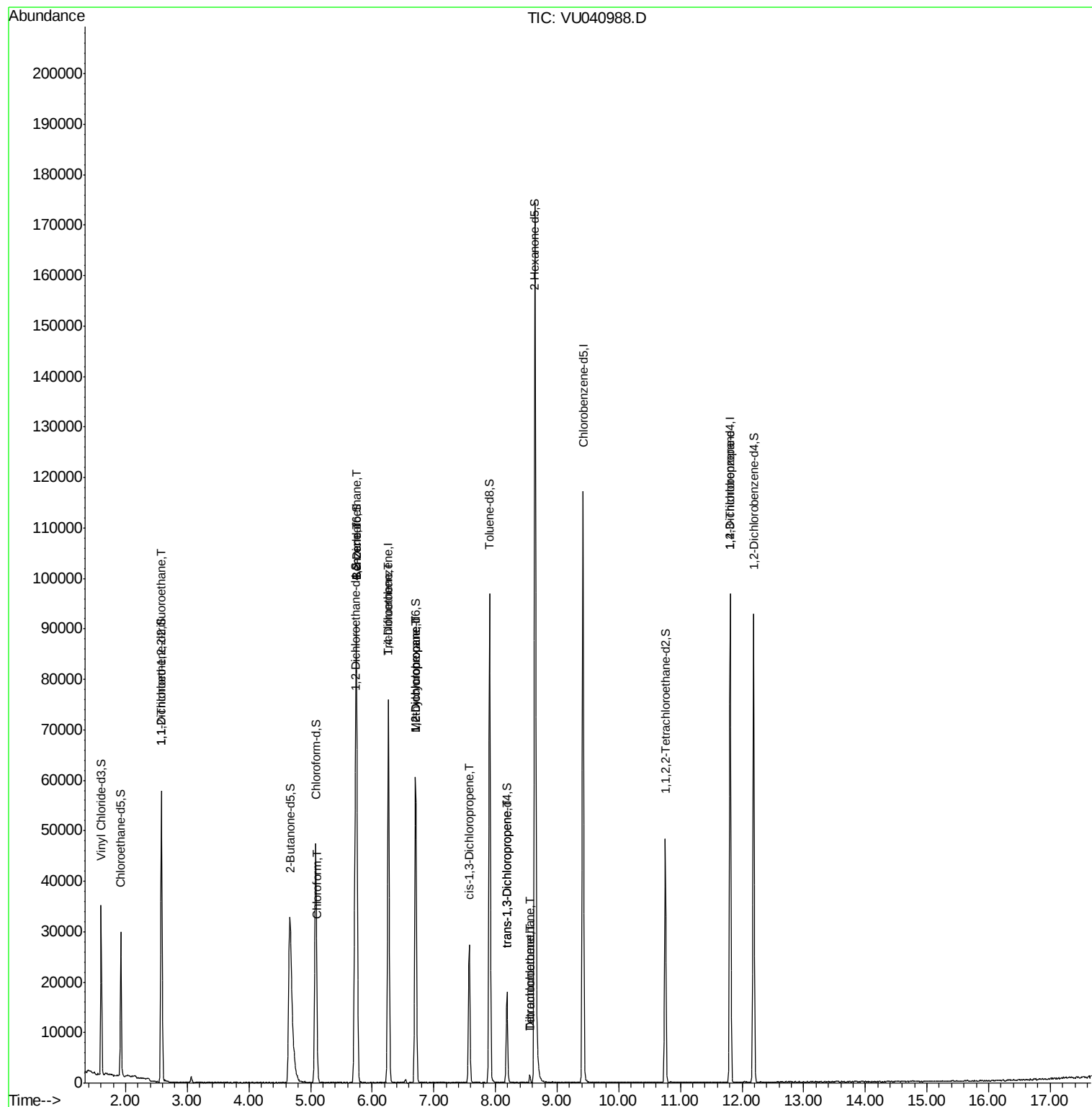
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	223	0.053	ug/L #	22
25) Chloroform	5.11	83	596	0.074	ug/L #	73
27) 1,2-Dichloroethane	5.75	62	419	0.070	ug/L #	74
33) Benzene	5.75	78	561	0.032	ug/L	100
34) Trichloroethene	6.26	95	1109	0.249	ug/L #	7
35) Methylcyclohexane	6.70	83	5896	0.887	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2918	0.616	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	620	0.095	ug/L #	73
44) trans-1,3-Dichloropropene	8.19	75	448	0.073	ug/L #	76
47) Tetrachloroethene	8.56	164	307	0.094	ug/L	75
49) Dibromochloromethane	8.55	129	292	0.071	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3369	0.954	ug/L	92

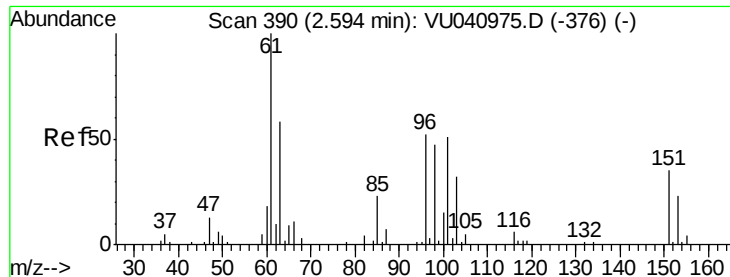
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 28 02:17:39 2020
Response via : Initial Calibration





#10

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

Concen: 0.053 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040988.D

Acq: 27 Oct 2020 16:58

Instrument :

MSVOA_U

ClientSampled :

VHBLK01

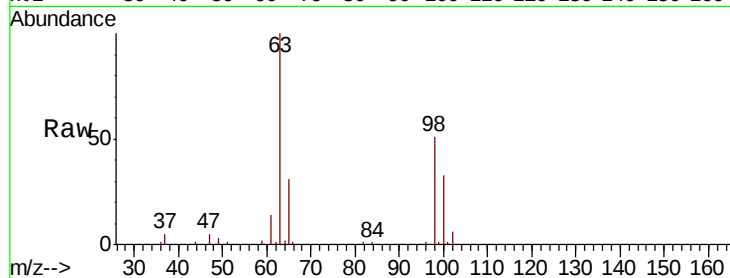
Tot Ion:101 Resp: 223

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

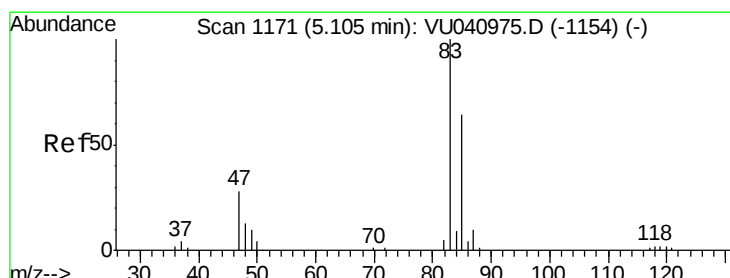
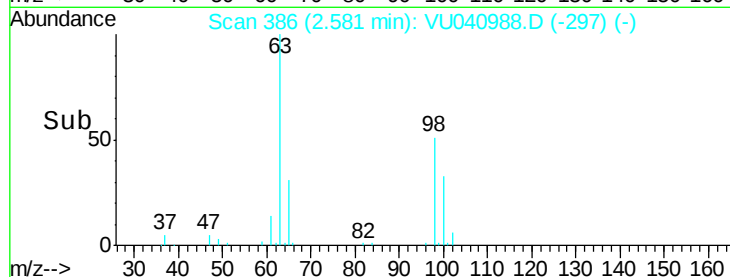
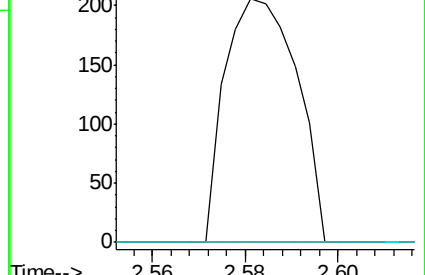
151 0.0 55.3 82.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 0.074 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040988.D

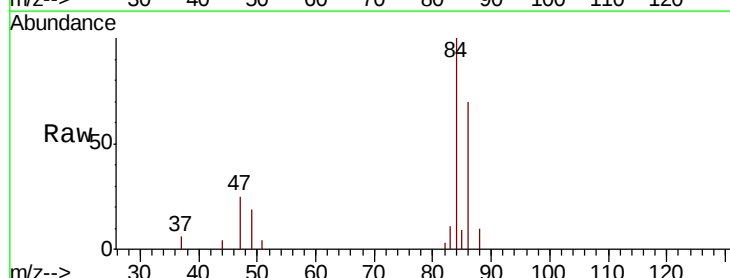
Acq: 27 Oct 2020 16:58

Tgt Ion: 83 Resp: 596

Ion Ratio Lower Upper

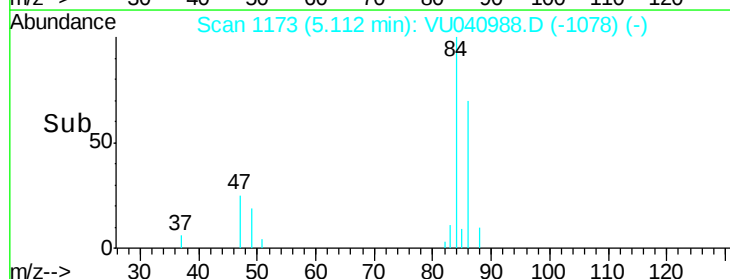
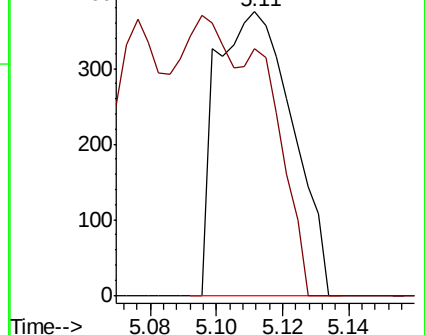
83 100

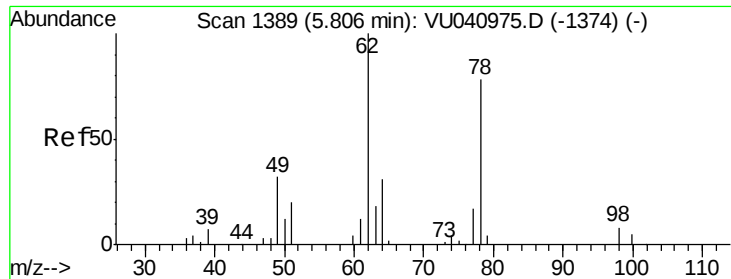
85 87.2 46.1 85.7#



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

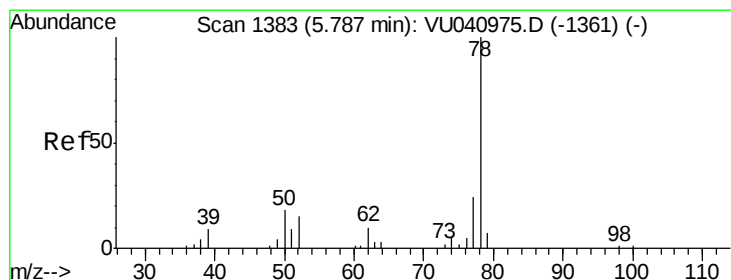
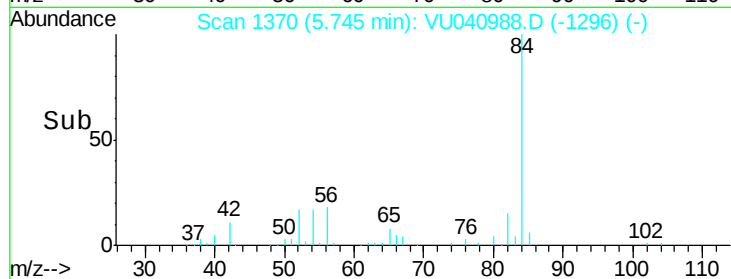
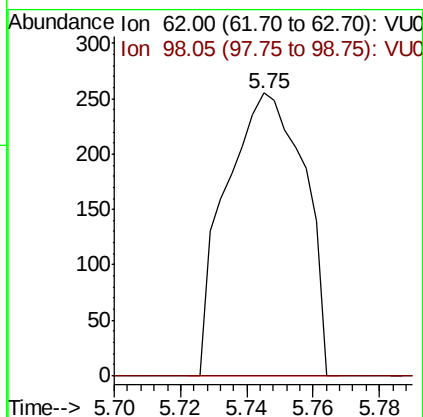
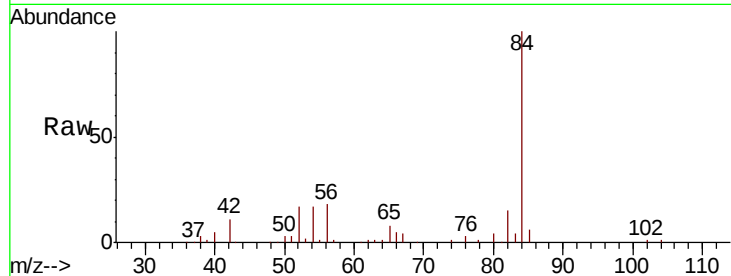




#27
 1,2-Dichloroethane
 Concen: 0.070 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU040988.D
 Acq: 27 Oct 2020 16:58

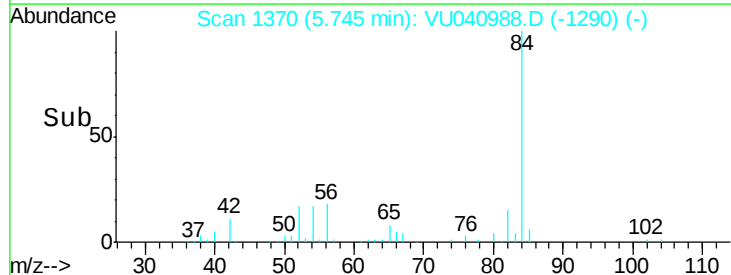
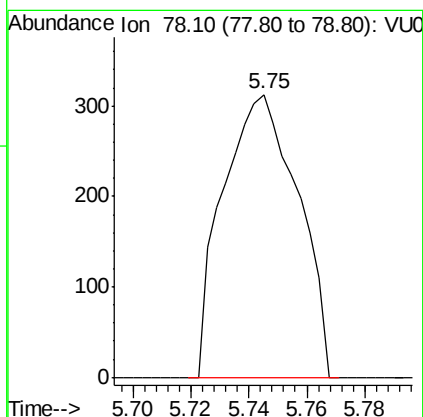
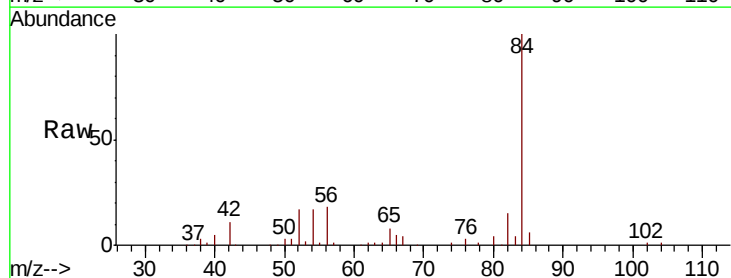
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

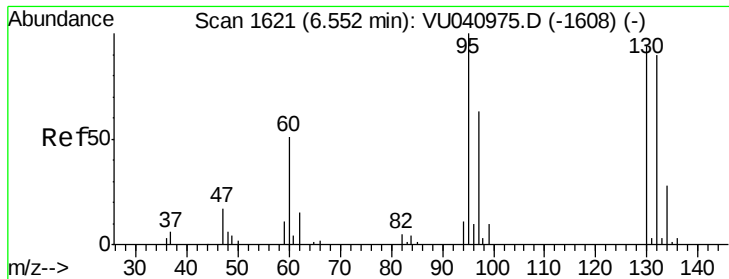
Tot Ion: 62 Resp: 419
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.032 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: VU040988.D
 Acq: 27 Oct 2020 16:58

Tgt Ion: 78 Resp: 561

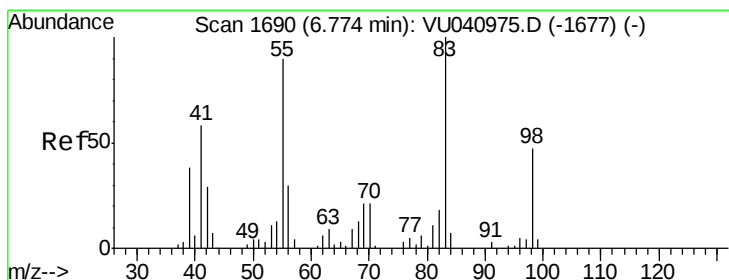
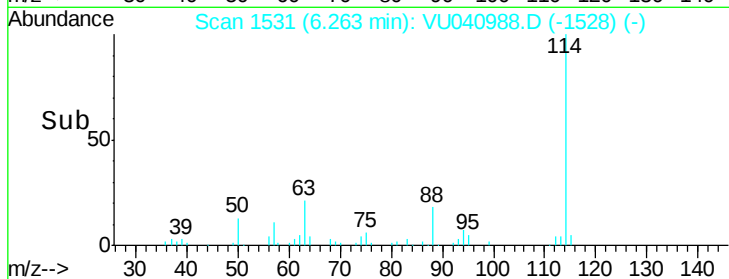
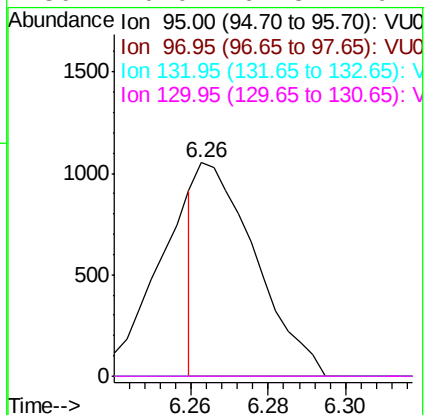
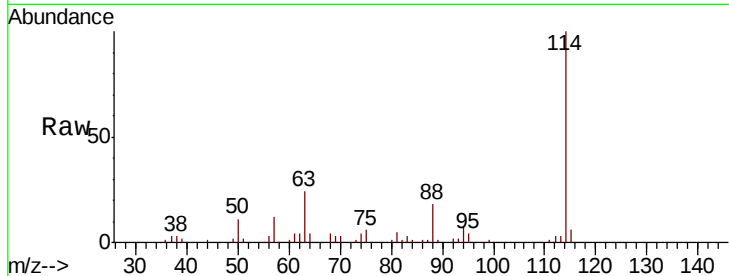




#34
 Trichloroethene
 Concen: 0.249 ug/L
 RT: 6.26 min Scan# 1531
 Delta R.T. -0.29 min
 Lab File: VU040988.D
 Acq: 27 Oct 2020 16:58

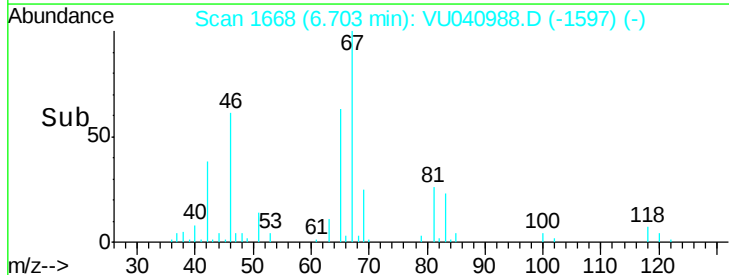
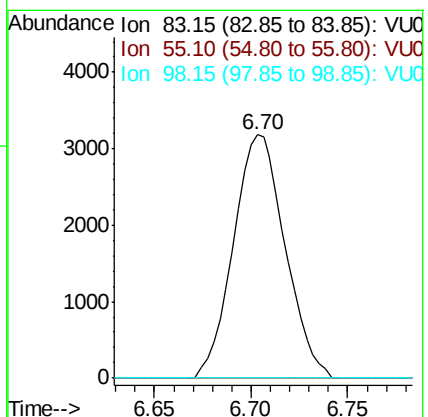
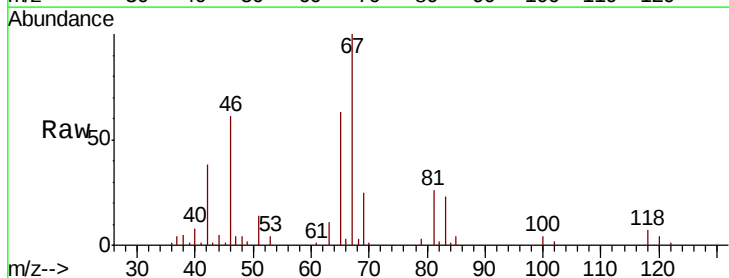
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

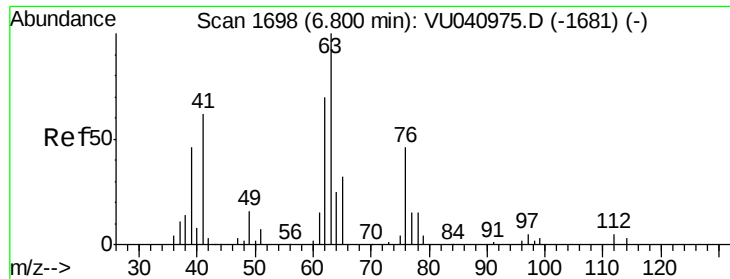
Tot Ion: 95 Resp: 1109
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.6 84.6#
 132 0.0 64.8 120.4#
 130 0.0 64.8 120.4#



#35
 Methylcyclohexane
 Concen: 0.887 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040988.D
 Acq: 27 Oct 2020 16:58

Tgt Ion: 83 Resp: 5896
 Ion Ratio Lower Upper
 83 100
 55 0.0 72.0 108.0#
 98 0.0 36.6 55.0#

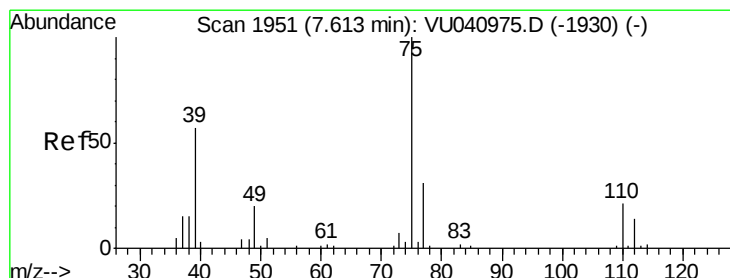
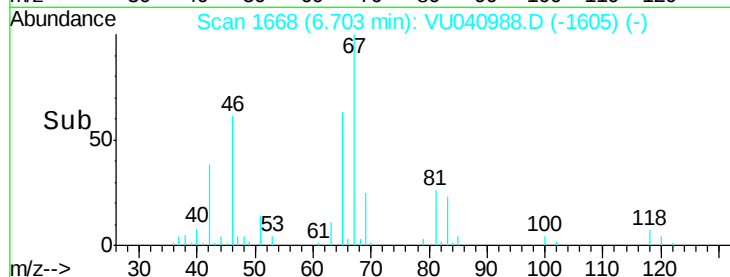
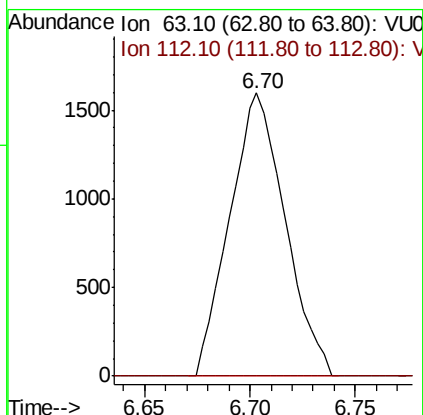
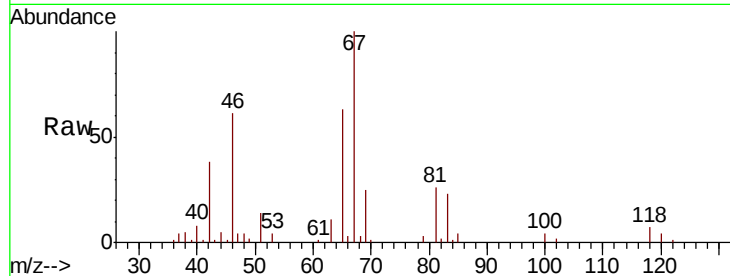




#37
 1,2-Dichloropropane
 Concen: 0.616 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040988.D
 Acq: 27 Oct 2020 16:58

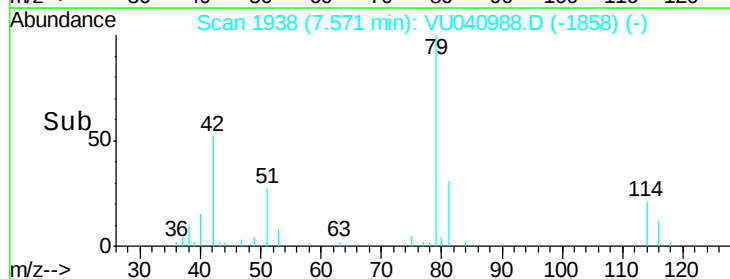
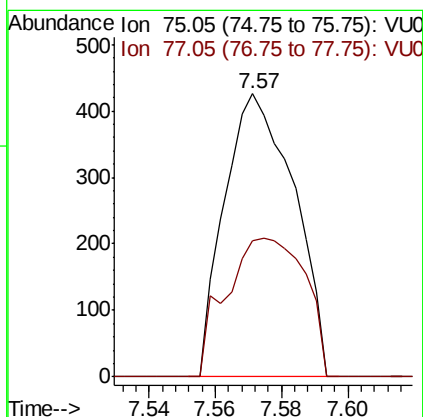
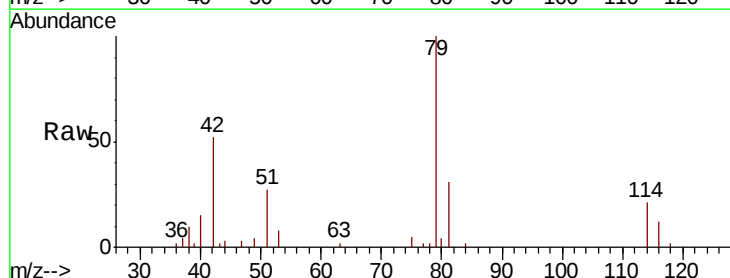
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

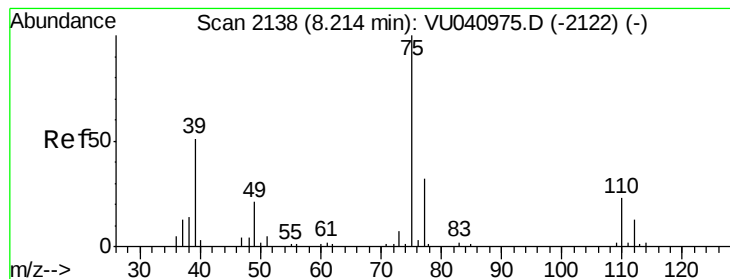
Tot Ion: 63 Resp: 2918
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040988.D
 Acq: 27 Oct 2020 16:58

Tgt Ion: 75 Resp: 620
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.7 42.3#





#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040988.D

Acq: 27 Oct 2020 16:58

Instrument :

MSVOA_U

ClientSampleId :

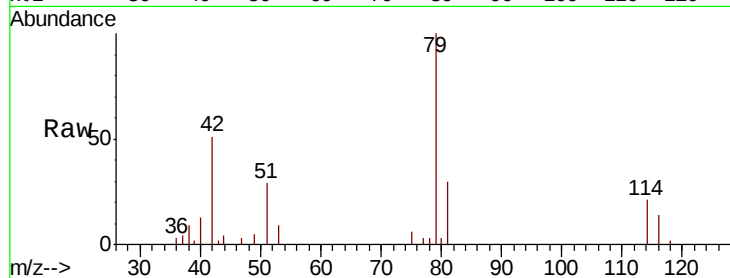
VHBLK01

Tot Ion: 75 Resp: 448

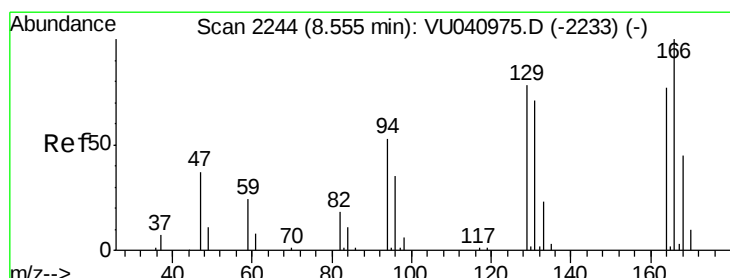
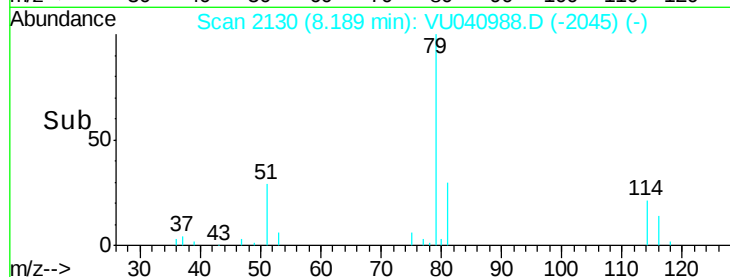
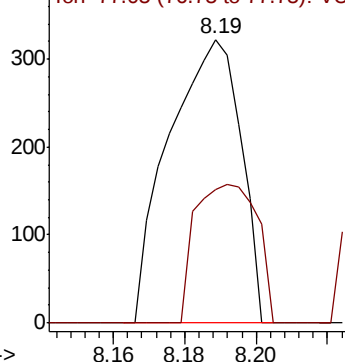
Ion Ratio Lower Upper

75 100

77 46.9 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040988.D (-2045) (-)



#47

Tetrachloroethene

Concen: 0.094 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040988.D

Acq: 27 Oct 2020 16:58

Tgt Ion: 164 Resp: 307

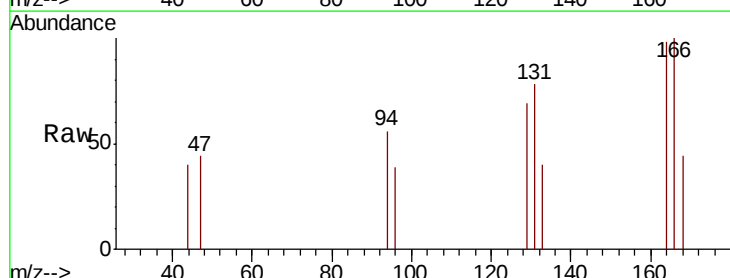
Ion Ratio Lower Upper

164 100

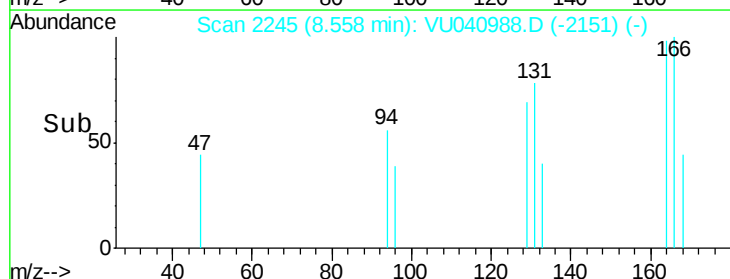
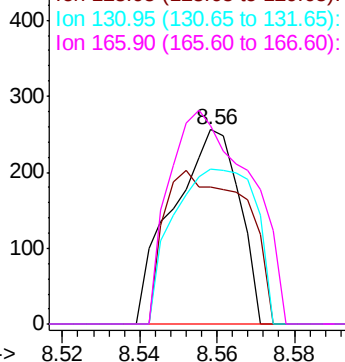
129 70.7 70.3 130.7

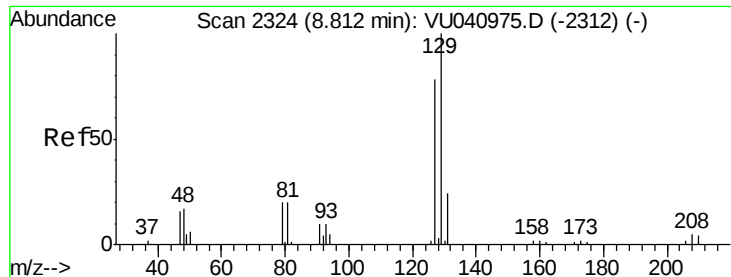
131 79.7 70.8 131.4

166 102.3 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): VU040988.D (-2151) (-)





#49

Dibromochloromethane

Concen: 0.071 ug/L

RT: 8.55 min Scan# 2243

Delta R.T. -0.26 min

Lab File: VU040988.D

Acq: 27 Oct 2020 16:58

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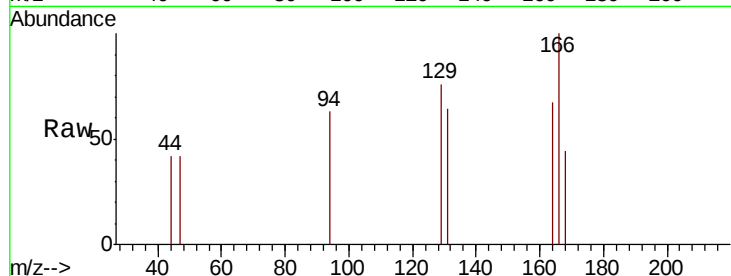
VHBLK01

Tot Ion:129 Resp: 292

Ion Ratio Lower Upper

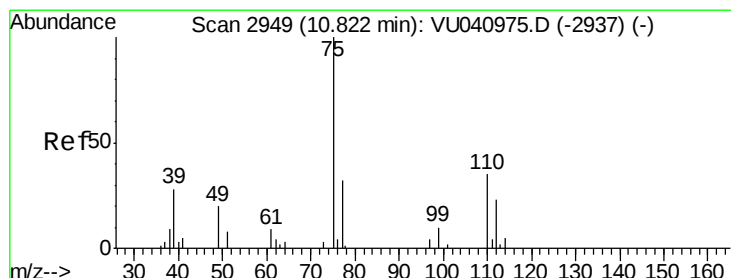
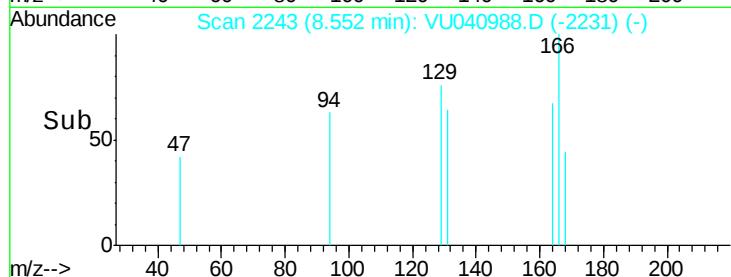
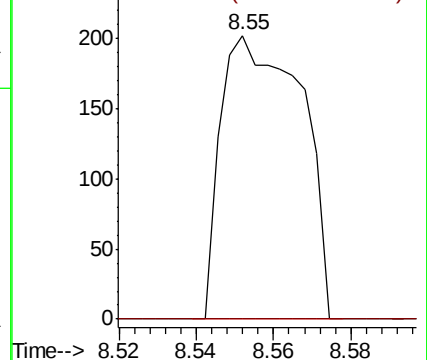
129 100

127 0.0 53.4 99.2#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.954 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040988.D

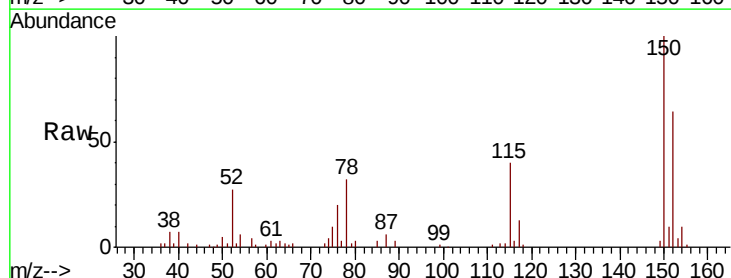
Acq: 27 Oct 2020 16:58

Tgt Ion: 75 Resp: 3369

Ion Ratio Lower Upper

75 100

77 36.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

