

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041723.D
 Acq On : 22 Dec 2020 02:07
 Operator : SY/MD
 Sample : L5161-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 06:04:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 05:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	148434	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	140017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59155	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44924	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.92	69	46021	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.58	63	66511	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.65	46	215736	64.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.44%
24) Chloroform-d	5.08	84	102884	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.72	65	57259	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.74	84	204144	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.70	67	64949	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.90	98	160789	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.18	79	25791	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	187766	60.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	60064	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	58392	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

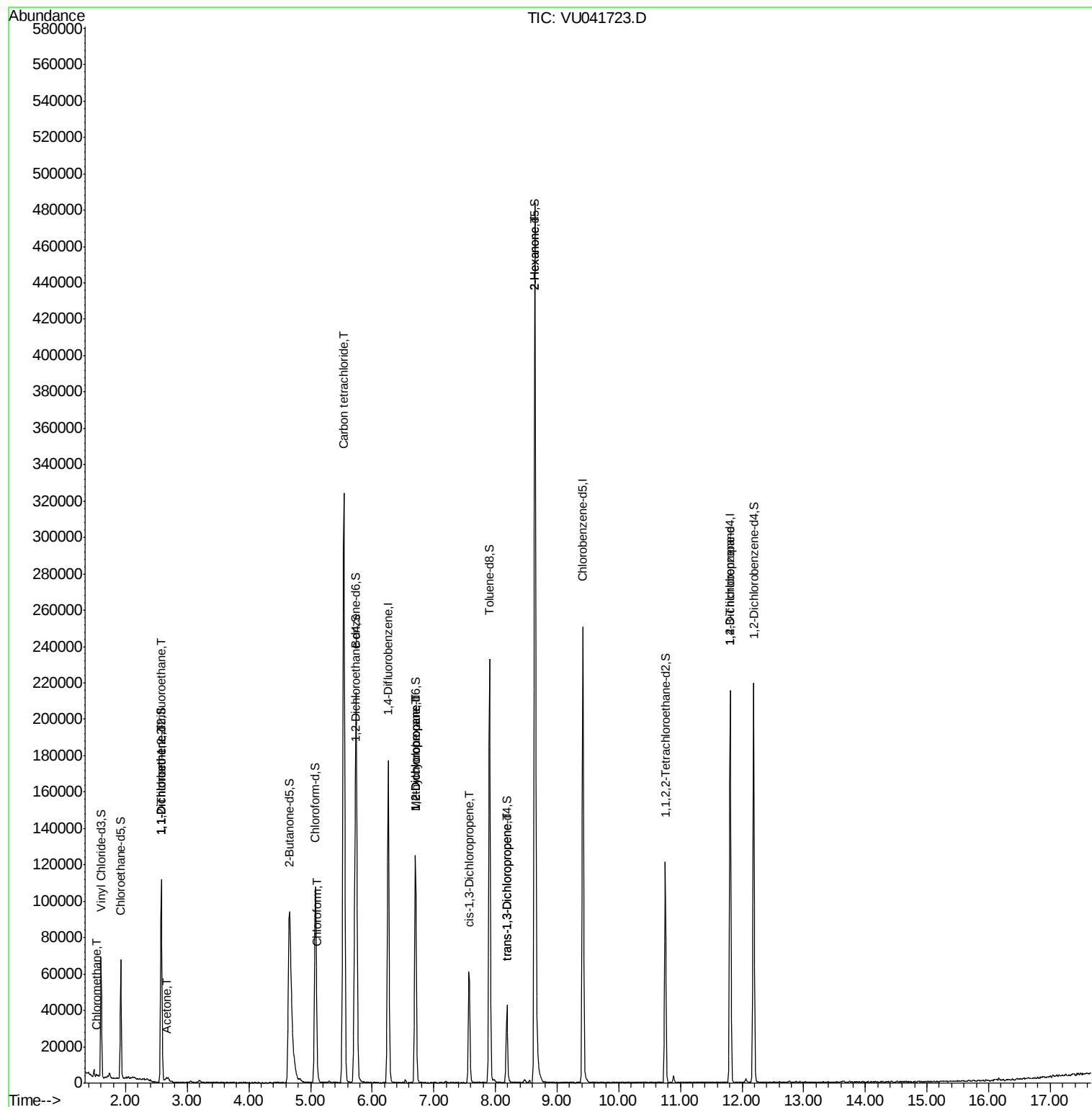
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	643	0.053	ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	726	0.071	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	556	0.055	ug/L #	1
13) Acetone	2.66	43	2342	1.105	ug/L	87
25) Chloroform	5.11	83	2052	0.105	ug/L	86
31) Carbon tetrachloride	5.54	117	226087	16.261	ug/L	99
35) Methylcyclohexane	6.70	83	14051	0.772	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	6307	0.551	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1673	0.099	ug/L #	44
44) trans-1,3-Dichloropropene	8.19	75	1206	0.079	ug/L	88
48) 2-Hexanone	8.64	43	21948	3.700	ug/L #	66
59) 1,2,3-Trichloropropane	11.81	75	6865	0.798	ug/L	97

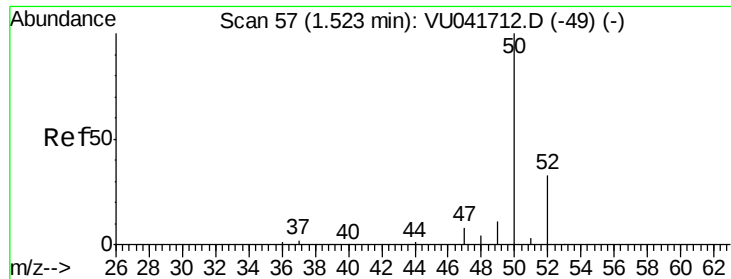
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.053 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041723.D

Acq: 22 Dec 2020 02:07

Instrument :

MSVOA_U

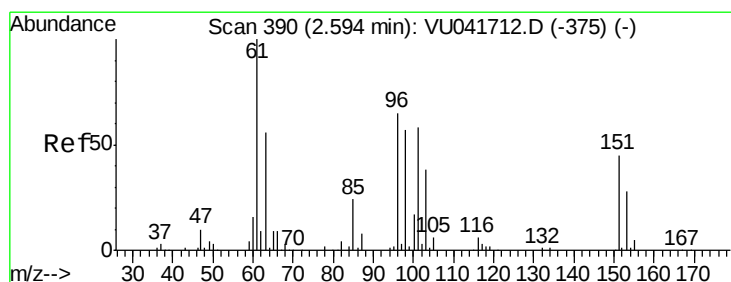
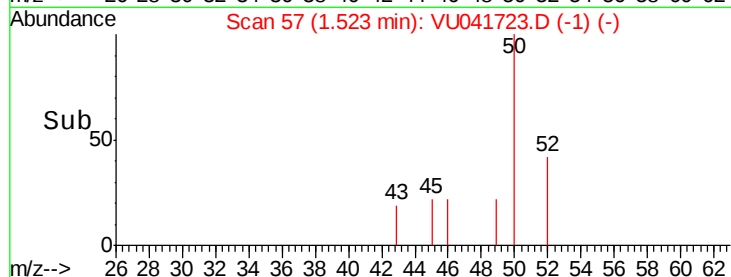
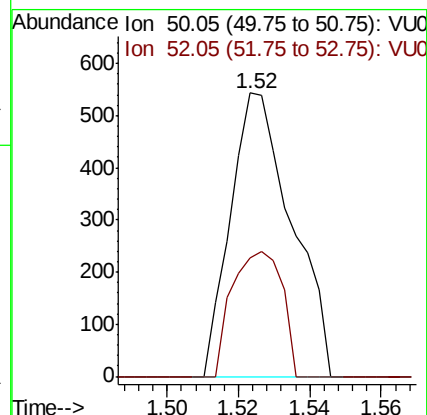
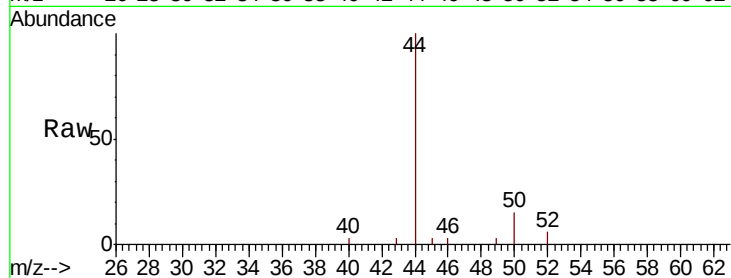
ClientSampleId :

Tot Ion: 50 Resp: 643

Ion Ratio Lower Upper

50 100

52 41.6 24.1 44.8



#10

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

Concen: 0.071 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041723.D

Acq: 22 Dec 2020 02:07

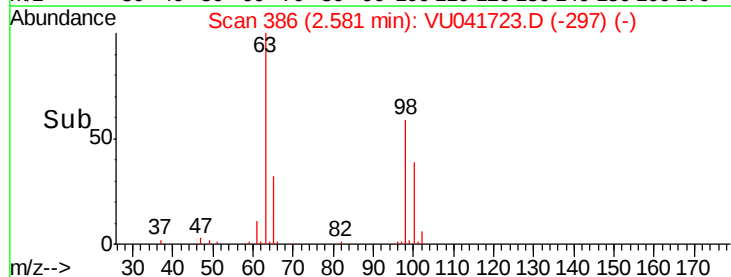
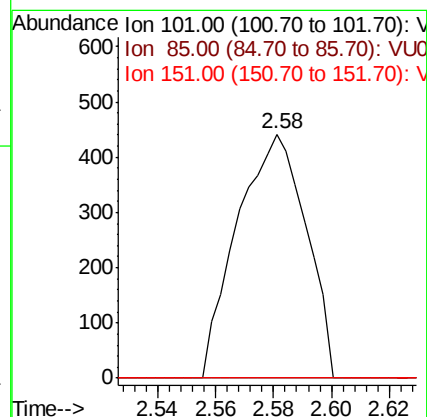
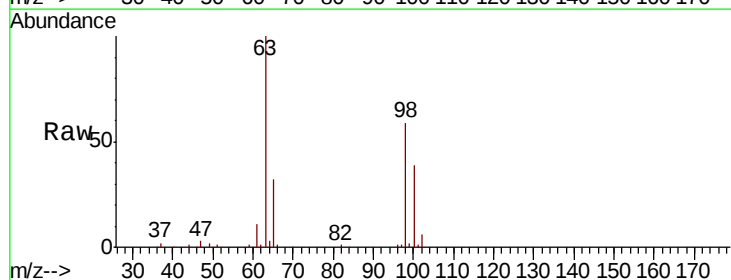
Tgt Ion: 101 Resp: 726

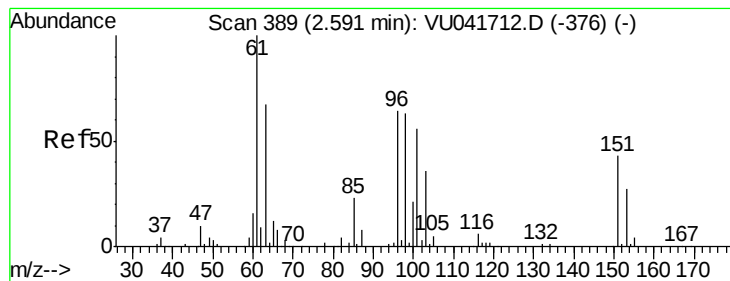
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#





#12

1,1-Dichloroethene

Concen: 0.055 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041723.D

Acq: 22 Dec 2020 02:07

Instrument :

MSVOA_U

ClientSampleId :

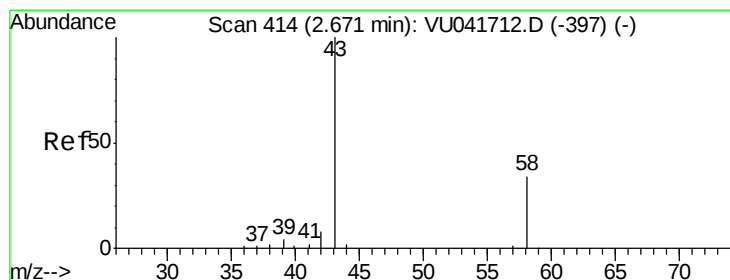
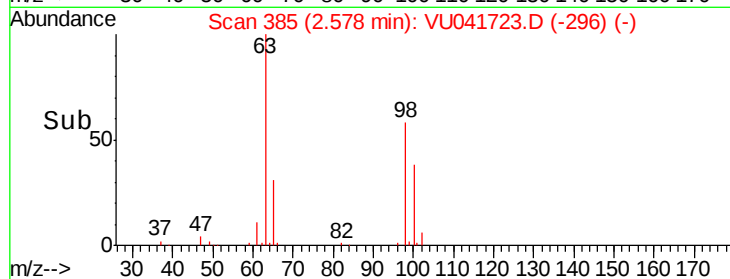
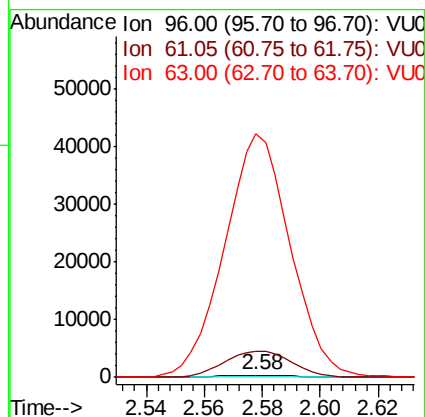
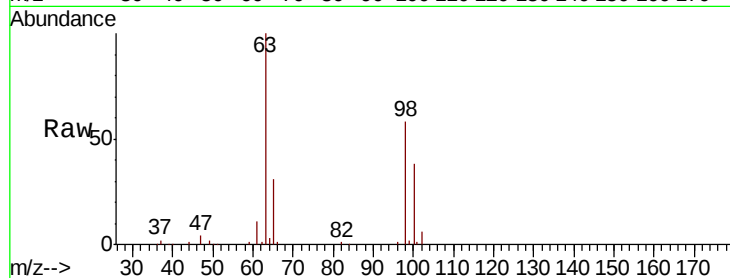
Tot Ion: 96 Resp: 556

Ion Ratio Lower Upper

96 100

61 1166.9 123.8 230.0#

63 11006.3 81.0 150.4#



#13

Acetone

Concen: 1.105 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU041723.D

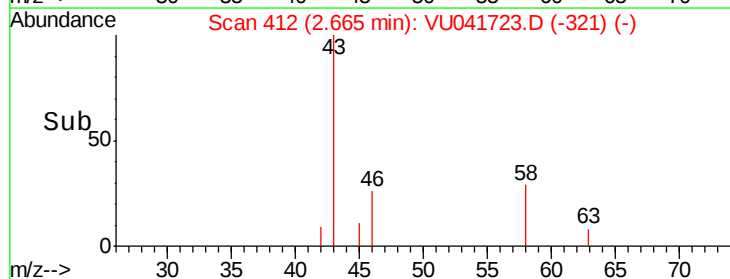
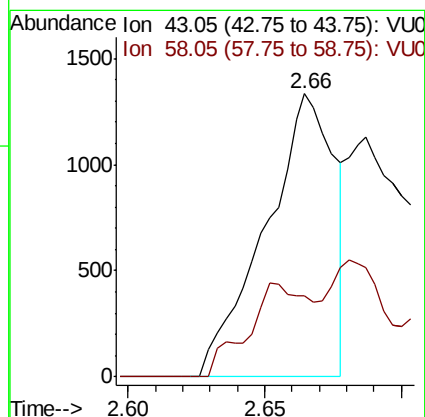
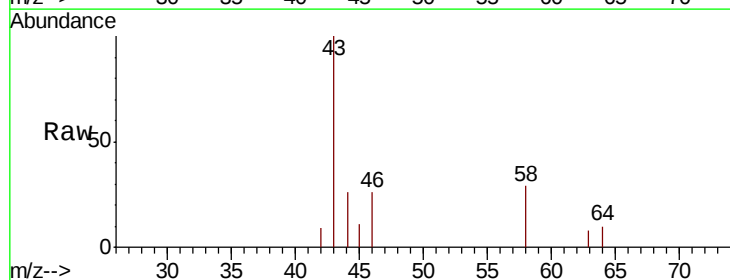
Acq: 22 Dec 2020 02:07

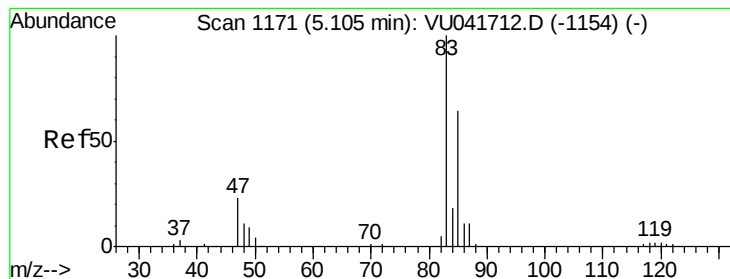
Tgt Ion: 43 Resp: 2342

Ion Ratio Lower Upper

43 100

58 29.1 0.0 73.2

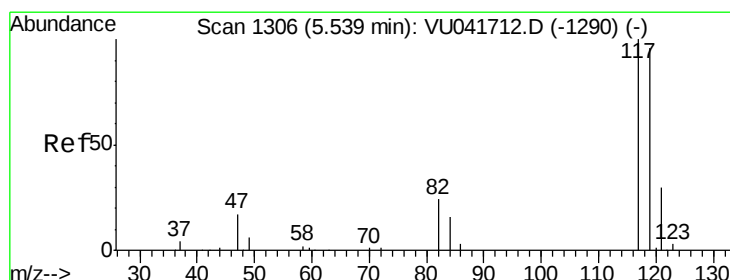
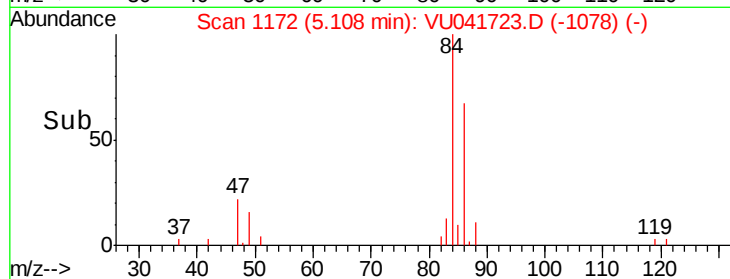
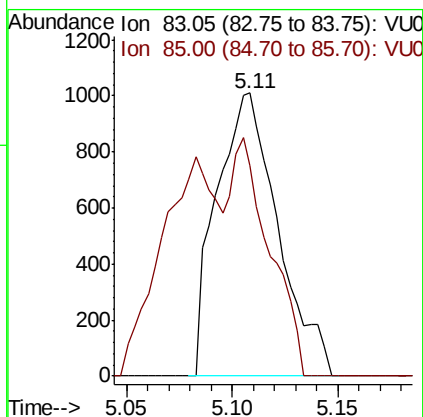
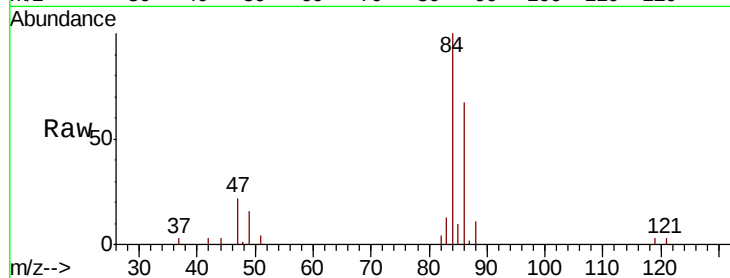




#25
Chloroform
Concen: 0.105 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041723.D
Acq: 22 Dec 2020 02:07

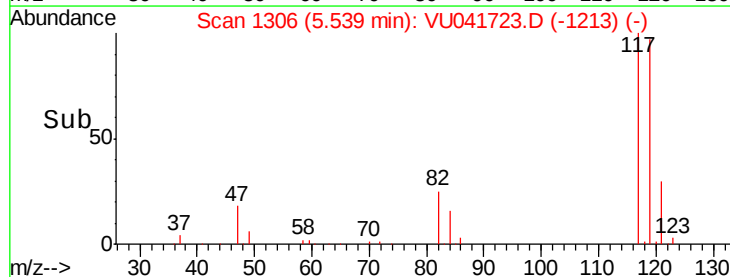
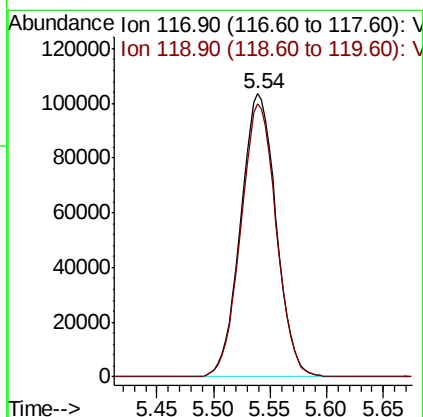
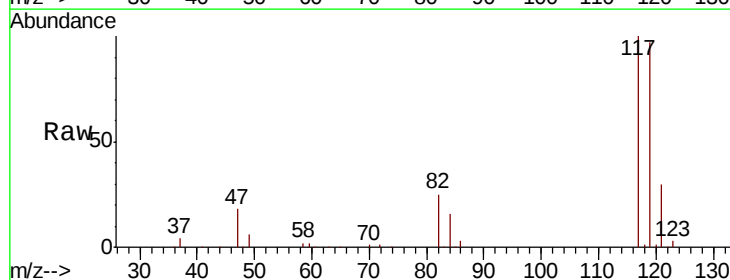
Instrument :
MSVOA_U
ClientSampleId :

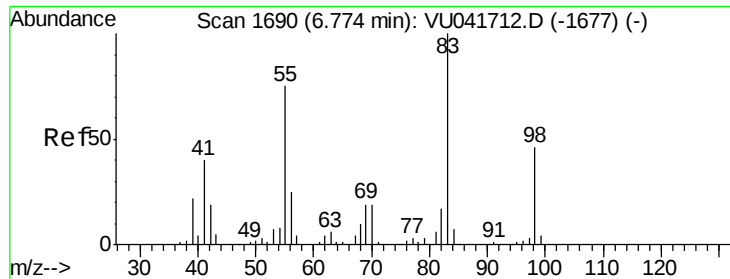
Tot Ion: 83 Resp: 2052
Ion Ratio Lower Upper
83 100
85 74.4 44.2 82.0



#31
Carbon tetrachloride
Concen: 16.261 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU041723.D
Acq: 22 Dec 2020 02:07

Tgt Ion: 117 Resp: 226087
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.2

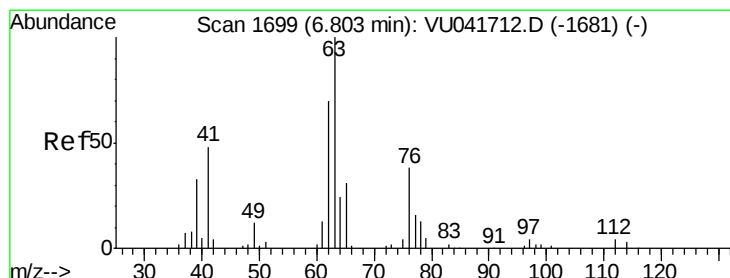
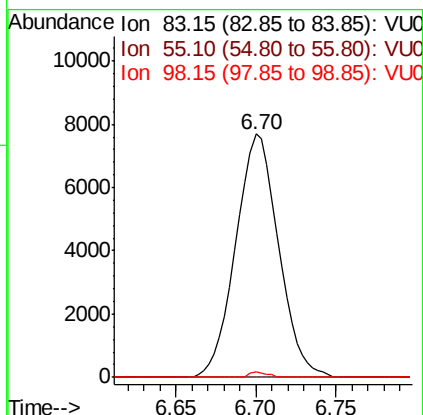
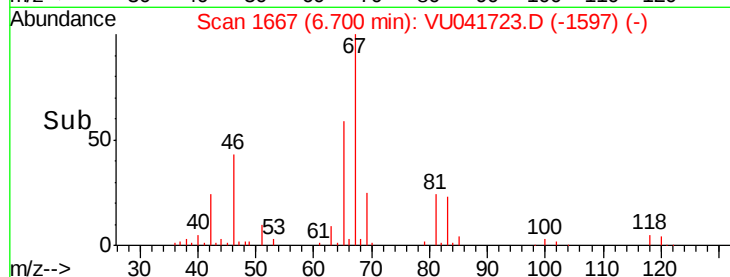
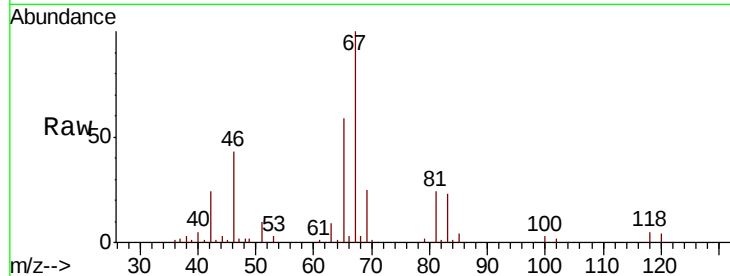




#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041723.D
Acq: 22 Dec 2020 02:07

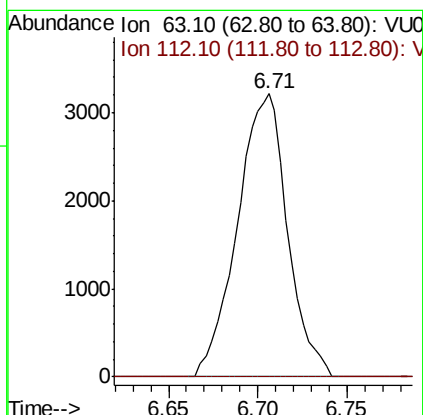
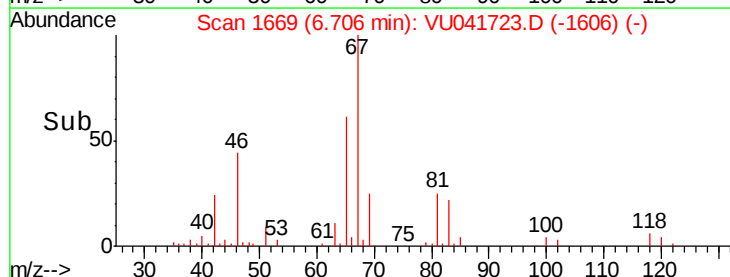
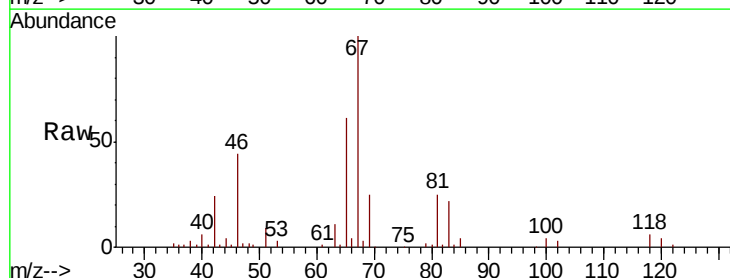
Instrument :
MSVOA_U
ClientSampled :

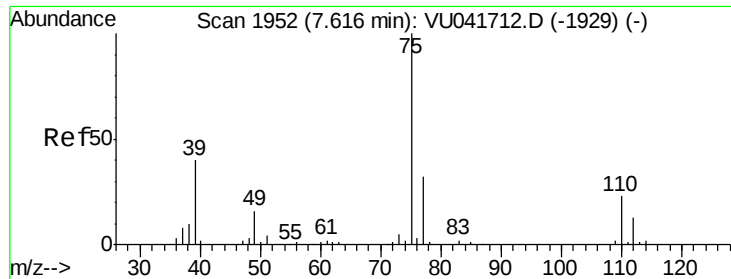
Tot Ion: 83 Resp: 14051
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.9 36.6 54.8#



#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU041723.D
Acq: 22 Dec 2020 02:07

Tgt Ion: 63 Resp: 6307
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

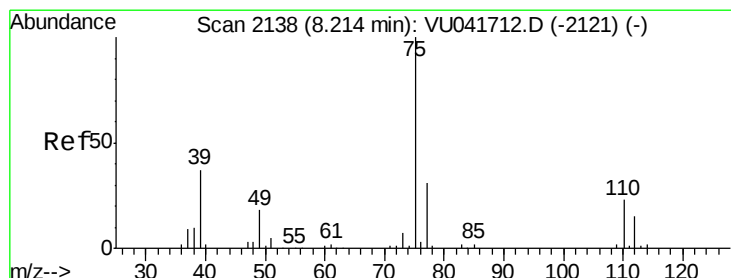
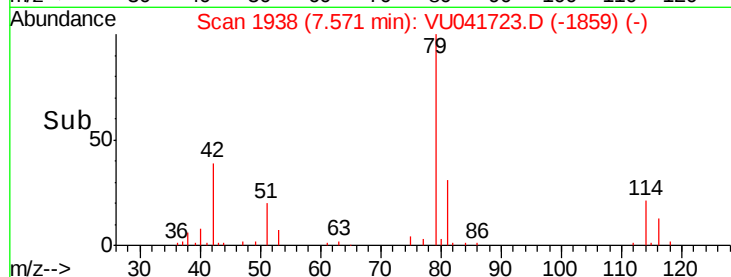
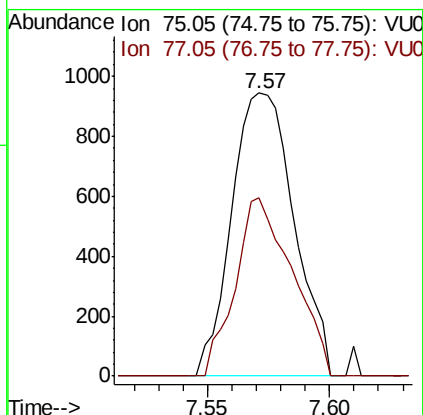
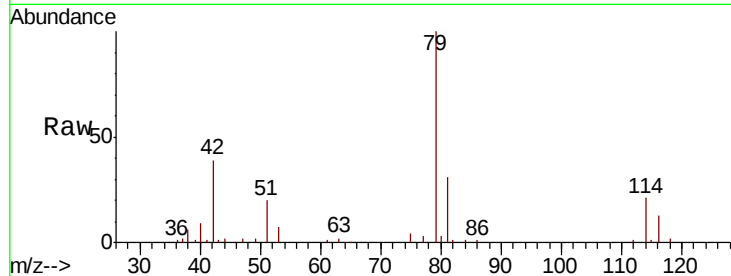




#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU041723.D
 Acq: 22 Dec 2020 02:07

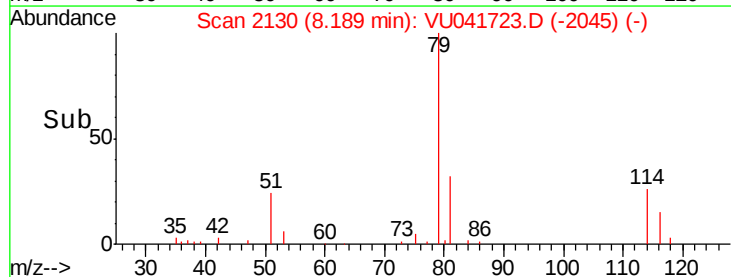
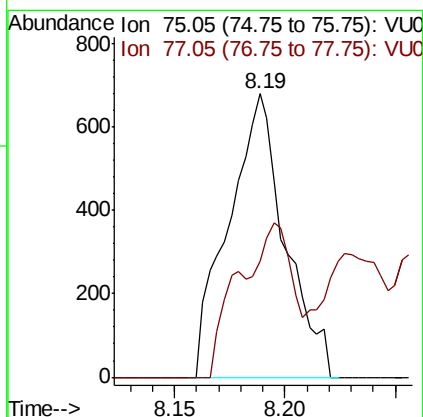
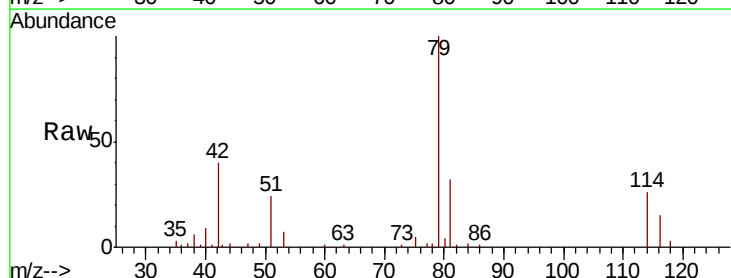
Instrument :
 MSVOA_U
 ClientSampled :

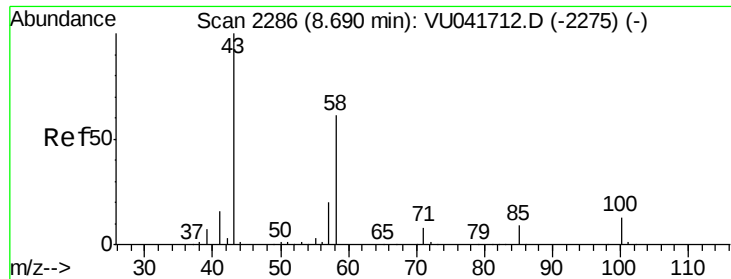
Tot Ion: 75 Resp: 1673
 Ion Ratio Lower Upper
 75 100
 77 63.0 22.3 41.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU041723.D
 Acq: 22 Dec 2020 02:07

Tgt Ion: 75 Resp: 1206
 Ion Ratio Lower Upper
 75 100
 77 40.9 23.8 44.2

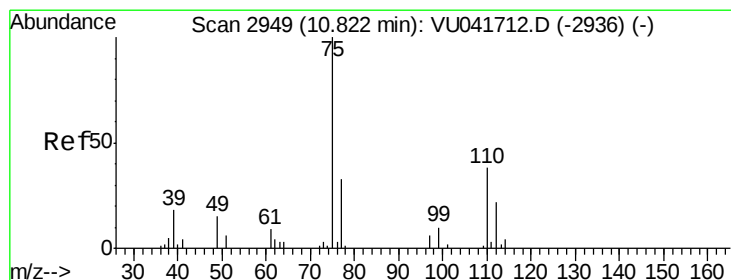
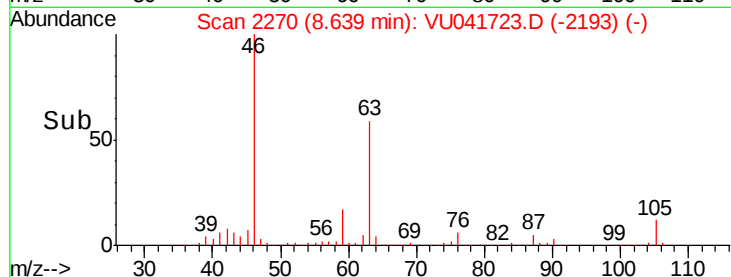
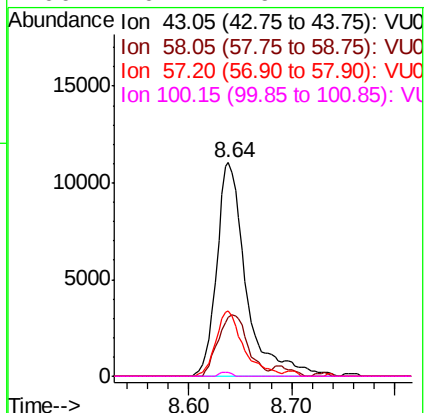
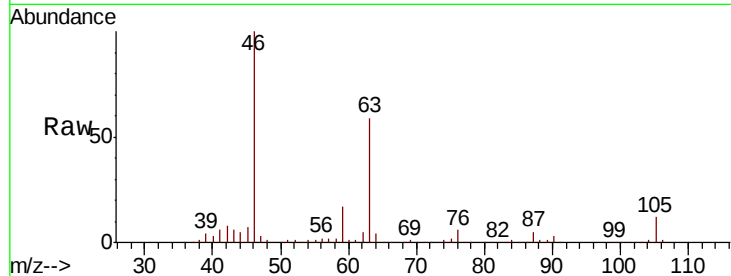




#48
2-Hexanone
Concen: 3.700 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041723.D
Acq: 22 Dec 2020 02:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 21948
Ion Ratio Lower Upper
43 100
58 28.7 47.9 71.9#
57 28.5 16.5 24.7#
100 0.7 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.798 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041723.D
Acq: 22 Dec 2020 02:07

Tgt Ion: 75 Resp: 6865
Ion Ratio Lower Upper
75 100
77 34.2 26.2 39.2

