

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101720\
 Data File : VU040778.D
 Acq On : 17 Oct 2020 22:00
 Operator : SY/MD
 Sample : L4423-06
 Misc : 25.4mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 03:10:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 19 03:08:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118604	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51950	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35185	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.92	69	35649	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.58	63	58231	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.67	46	179061	56.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.88%
24) Chloroform-d	5.08	84	89203	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.72	65	56422	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.75	84	151849	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.70	67	53536	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.91	98	115449	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	8.19	79	19507	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.64	63	118407	48.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50827	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	51695	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

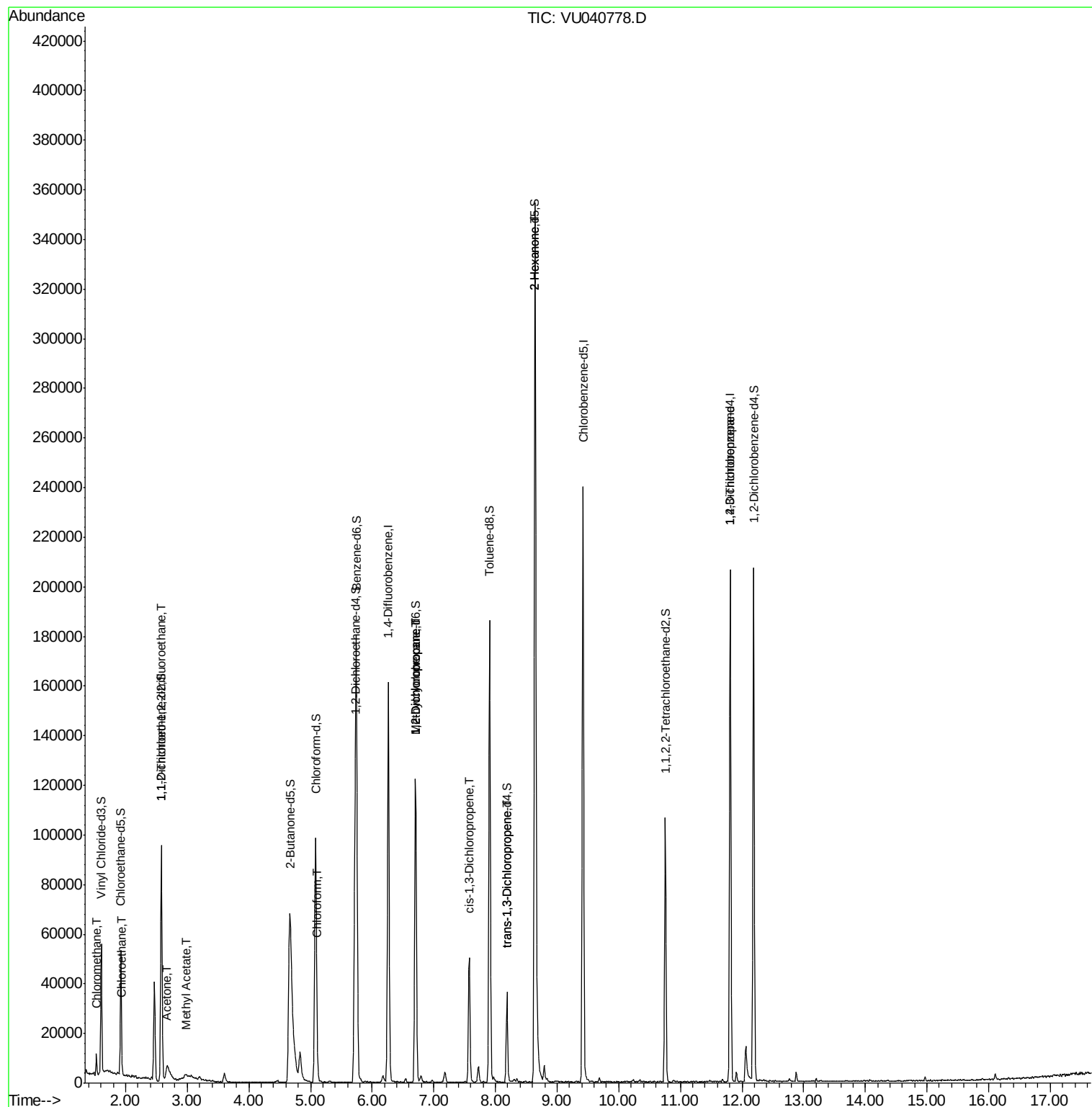
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	5745	0.572	ug/L	98
8) Chloroethane	1.95	64	783	0.116	ug/L #	67
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	441	0.045	ug/L #	20
13) Acetone	2.67	43	20656	8.473	ug/L	55
15) Methyl Acetate	2.98	43	841	0.151	ug/L #	68
25) Chloroform	5.11	83	2405	0.129	ug/L	91
35) Methylcyclohexane	6.70	83	13035	0.888	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6254	0.562	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1536	0.101	ug/L #	50
44) trans-1,3-Dichloropropene	8.19	75	1040	0.074	ug/L #	59
48) 2-Hexanone	8.64	43	20445	3.095	ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	7312	0.894	ug/L	97

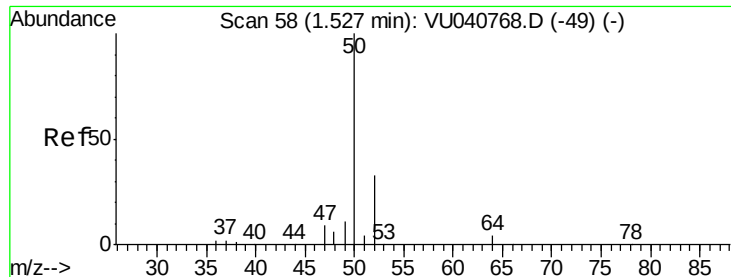
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.572 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040778.D

Acq: 17 Oct 2020 22:00

Instrument :

MSVOA_U

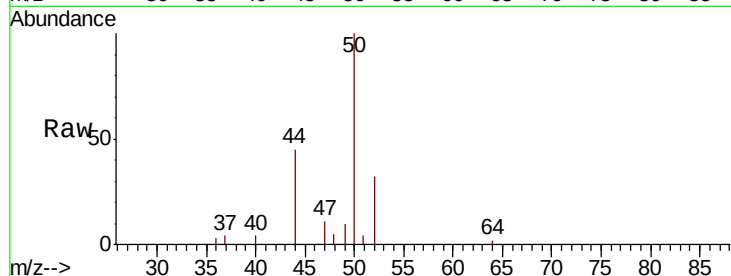
ClientSampled :

Tot Ion: 50 Resp: 5745

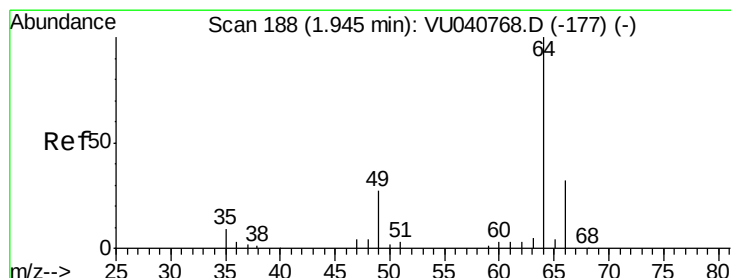
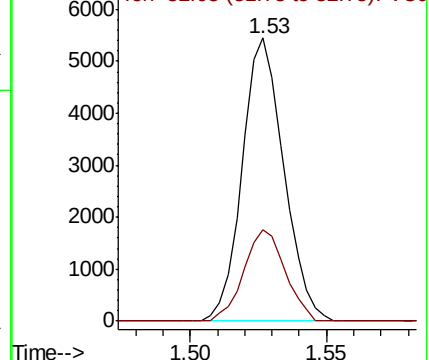
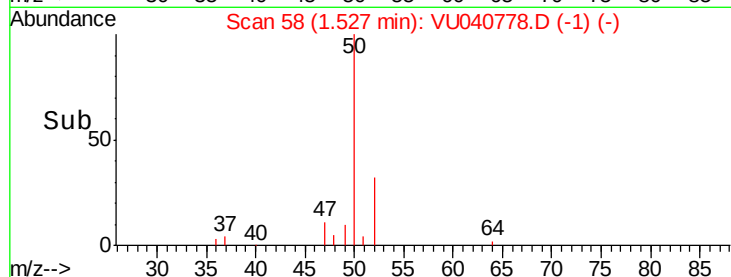
Ion Ratio Lower Upper

50 100

52 32.3 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU040778.D (-1) (-)



#8

Chloroethane

Concen: 0.116 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU040778.D

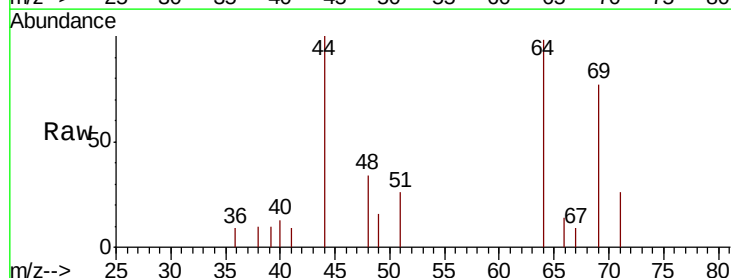
Acq: 17 Oct 2020 22:00

Tgt Ion: 64 Resp: 783

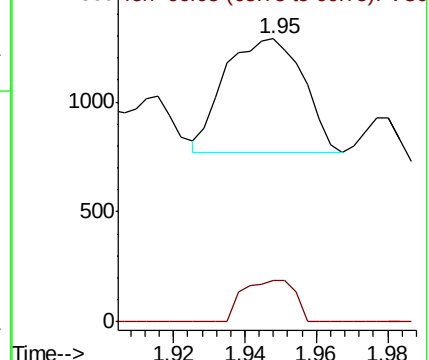
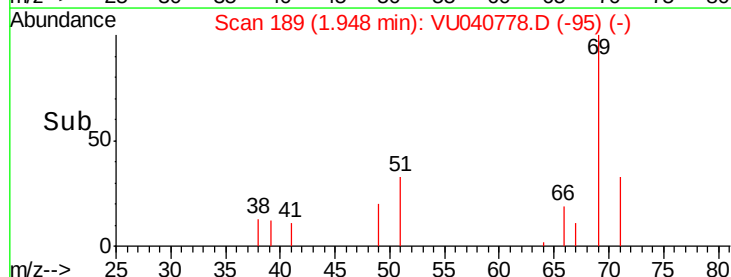
Ion Ratio Lower Upper

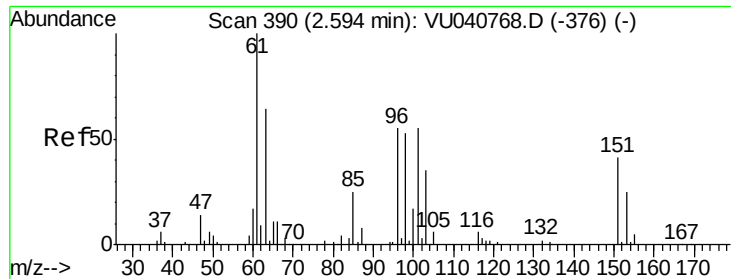
64 100

66 14.8 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU040778.D (-95) (-)





#10

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

Concen: 0.045 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU040778.D

Acq: 17 Oct 2020 22:00

Instrument :

MSVOA_U

ClientSampleId :

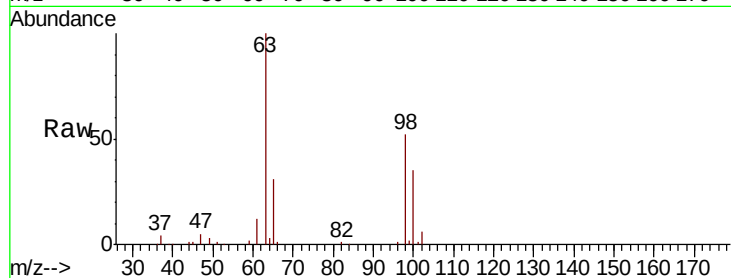
Tot Ion:101 Resp: 441

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

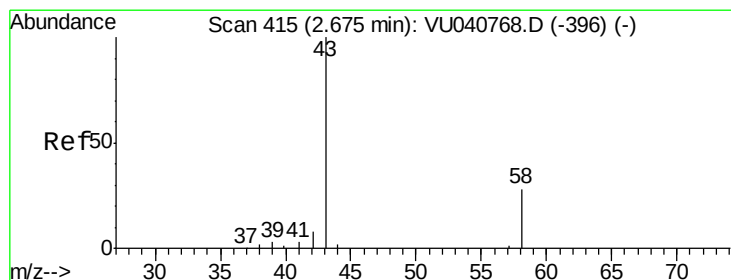
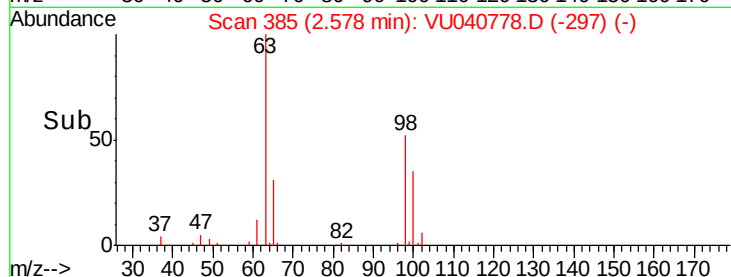
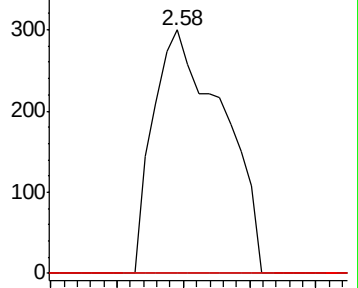
151 0.0 58.0 87.0#



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



#13

Acetone

Concen: 8.473 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU040778.D

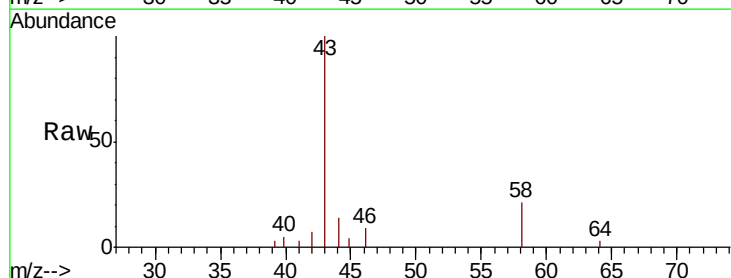
Acq: 17 Oct 2020 22:00

Tgt Ion: 43 Resp: 20656

Ion Ratio Lower Upper

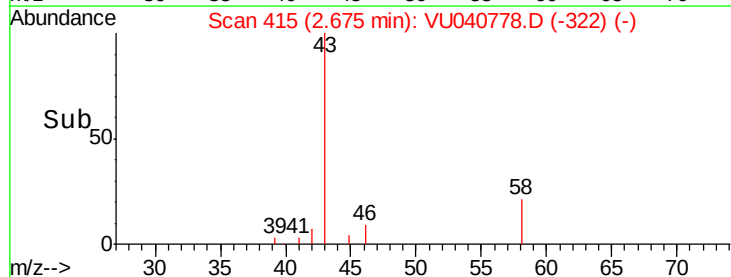
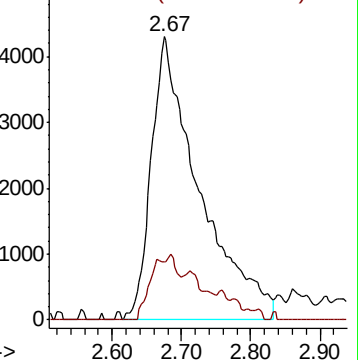
43 100

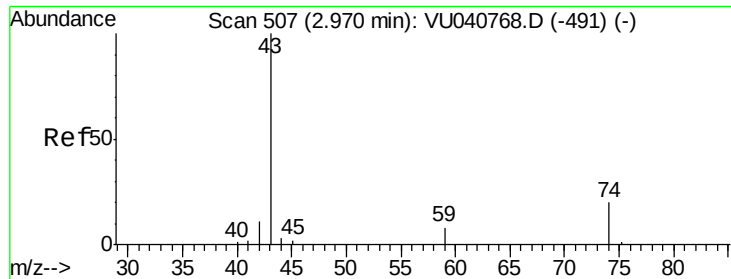
58 6.0 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

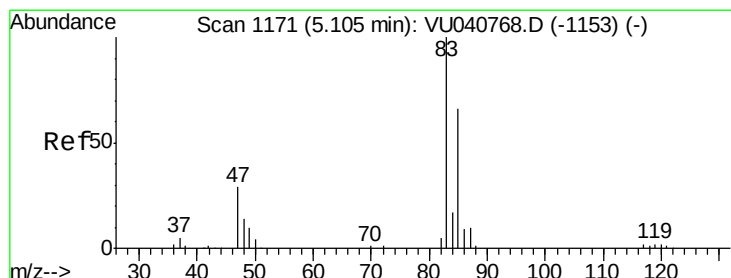
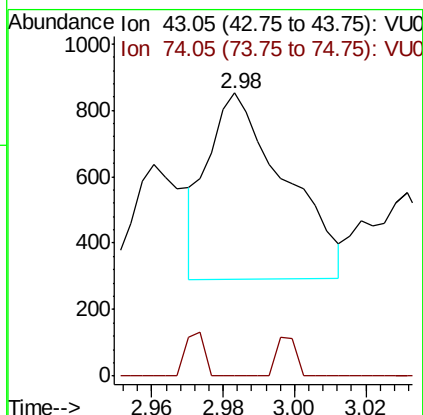
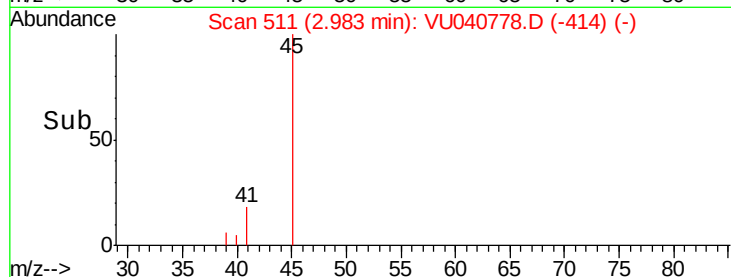
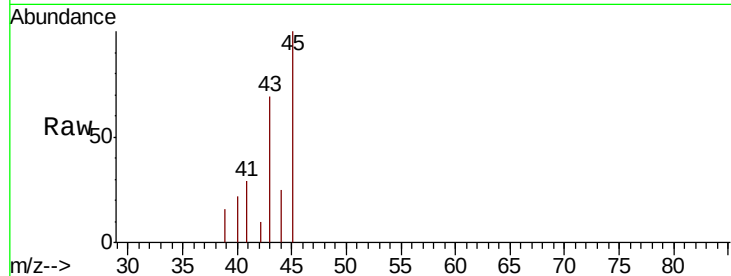




#15
Methvl Acetate
Concen: 0.151 ug/L
RT: 2.98 min Scan# 511
Delta R.T. 0.01 min
Lab File: VU040778.D
Acq: 17 Oct 2020 22:00

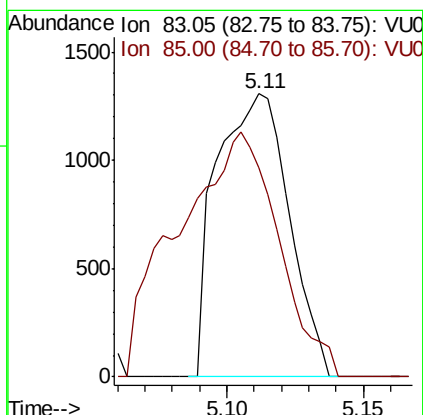
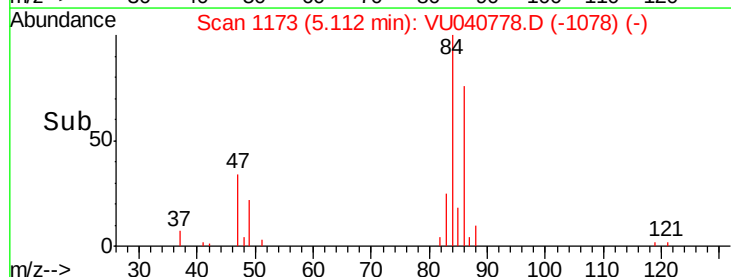
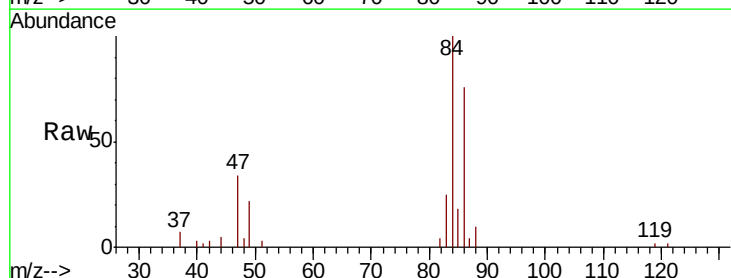
Instrument :
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ClientSampleId :

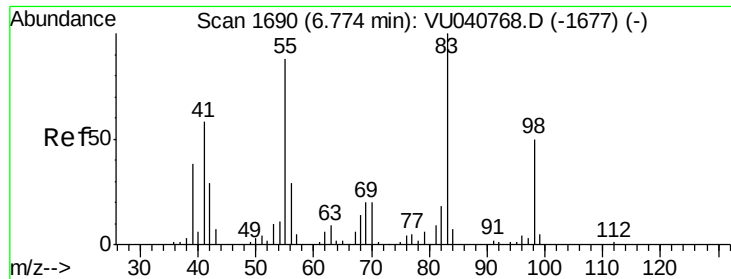
Tot Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
74 5.8 16.5 24.7#



#25
Chloroform
Concen: 0.129 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040778.D
Acq: 17 Oct 2020 22:00

Tgt Ion: 83 Resp: 2405
Ion Ratio Lower Upper
83 100
85 74.0 46.5 86.5

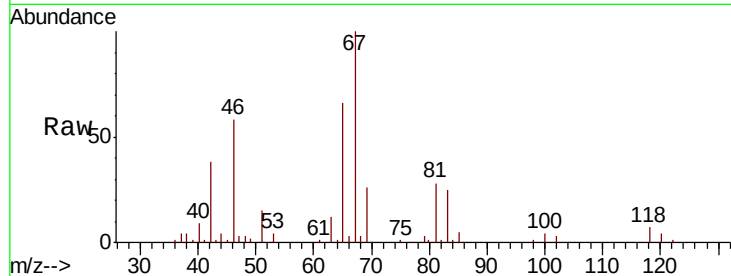




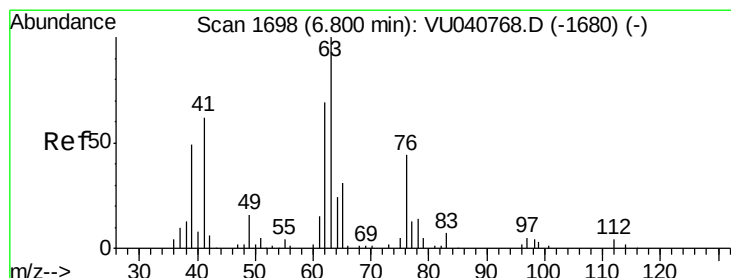
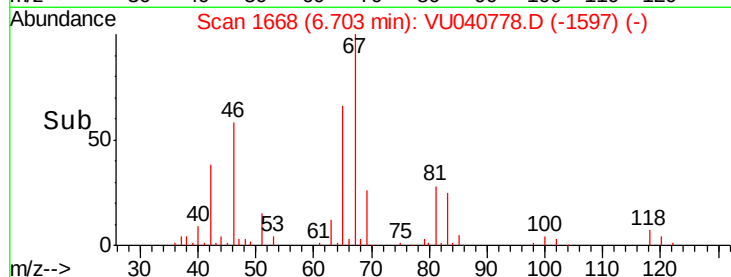
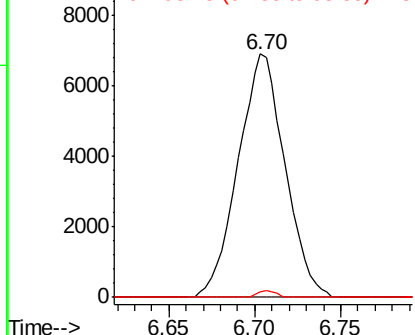
#35
Methylvlcyclohexane
Concen: 0.888 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040778.D
Acq: 17 Oct 2020 22:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 13035
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 1.1 38.4 57.6#

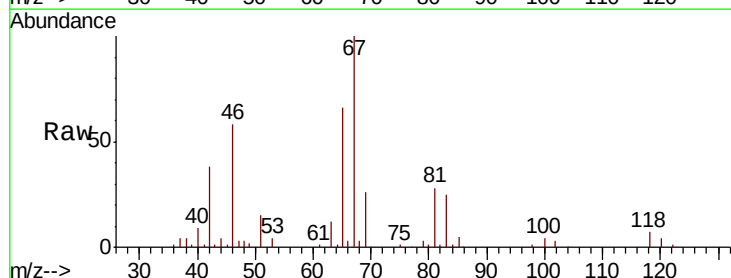


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

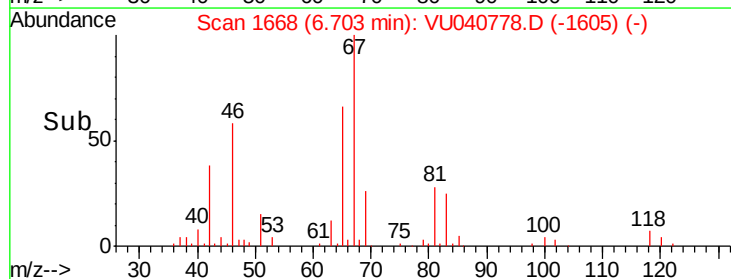
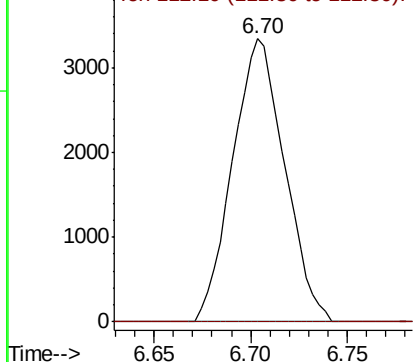


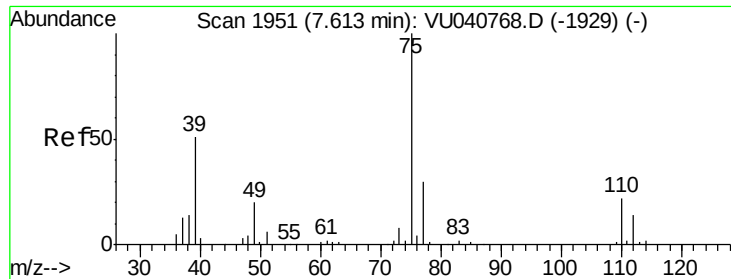
#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040778.D
Acq: 17 Oct 2020 22:00

Tgt Ion: 63 Resp: 6254
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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

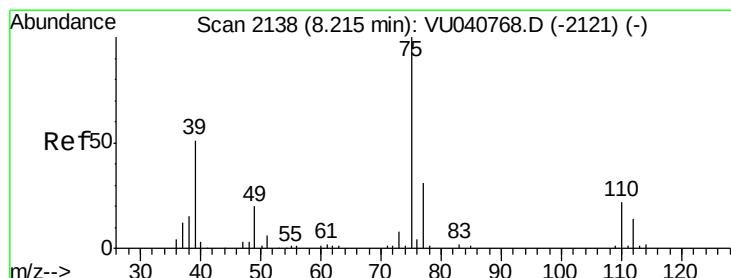
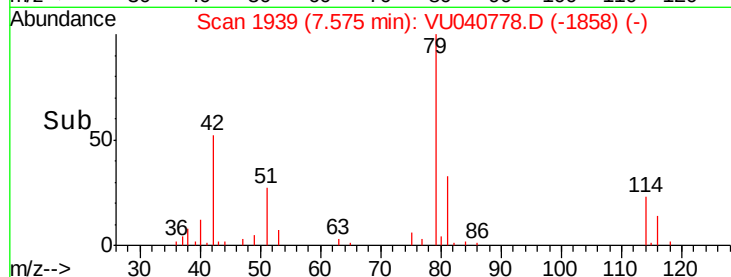
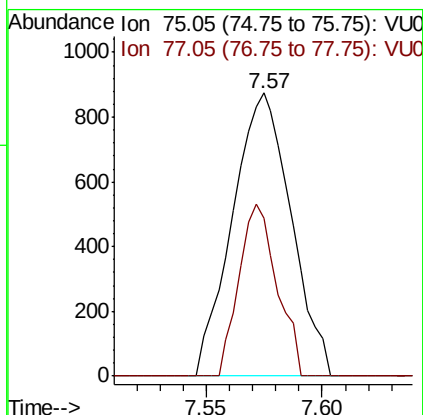
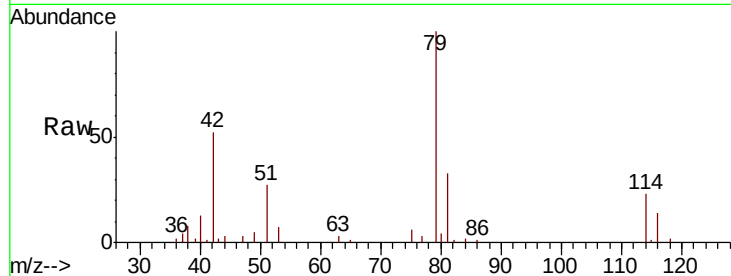




#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040778.D
Acq: 17 Oct 2020 22:00

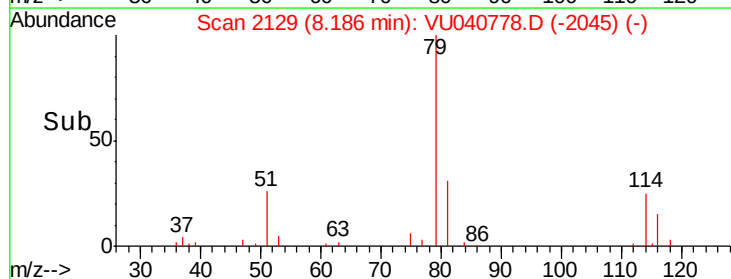
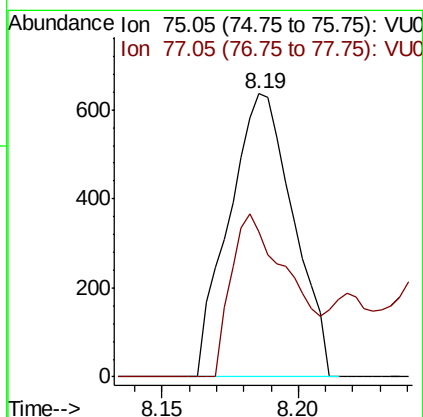
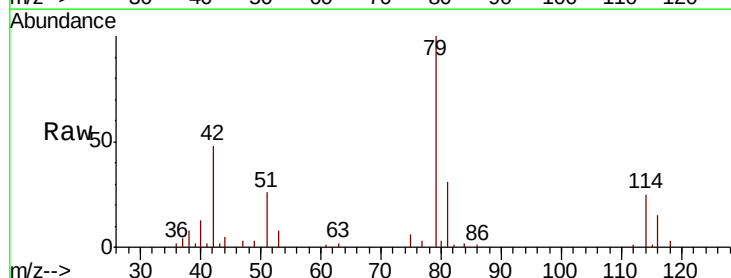
Instrument :
MSVOA_U
ClientSampleId :

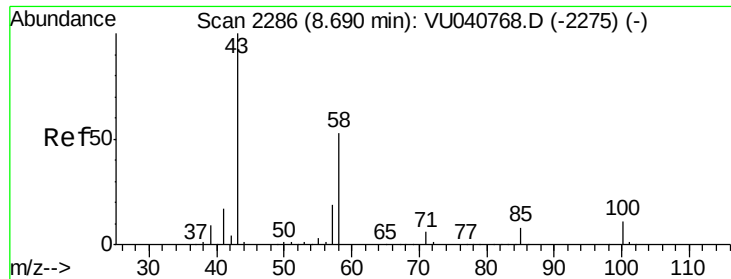
Tot Ion: 75 Resp: 1536
Ion Ratio Lower Upper
75 100
77 55.9 20.5 38.1#



#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040778.D
Acq: 17 Oct 2020 22:00

Tgt Ion: 75 Resp: 1040
Ion Ratio Lower Upper
75 100
77 51.4 20.4 38.0#

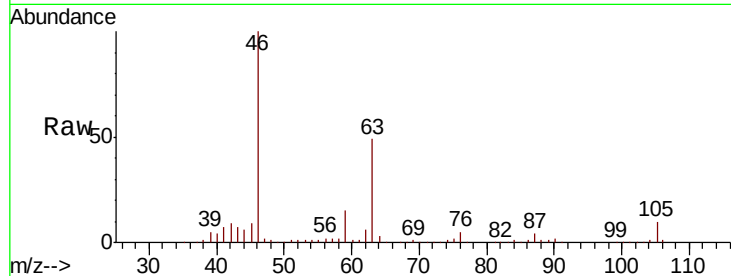




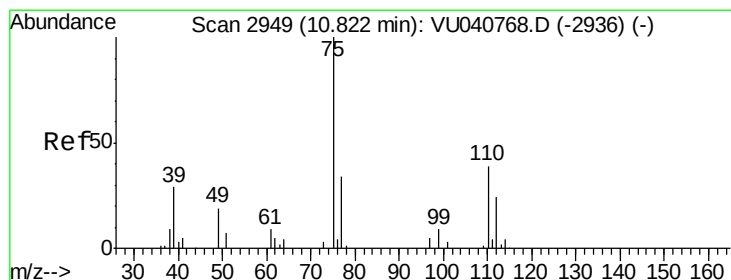
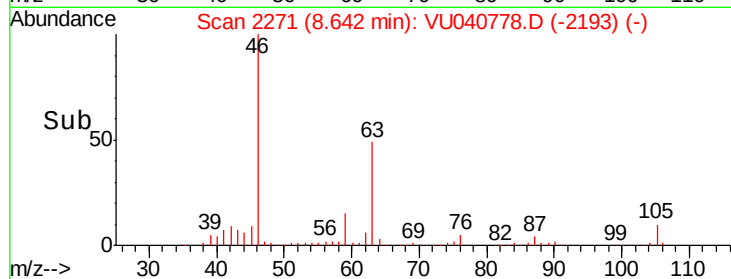
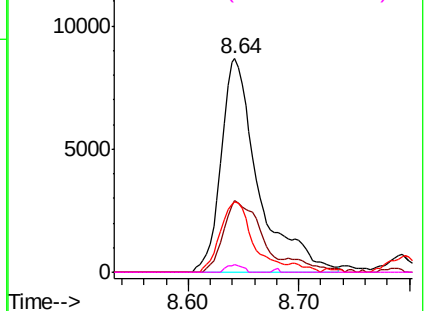
#48
 2-Hexanone
 Concen: 3.095 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040778.D
 Acq: 17 Oct 2020 22:00

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.2	41.0	61.6#
57	28.9	14.4	21.6#
100	1.5	8.6	13.0#

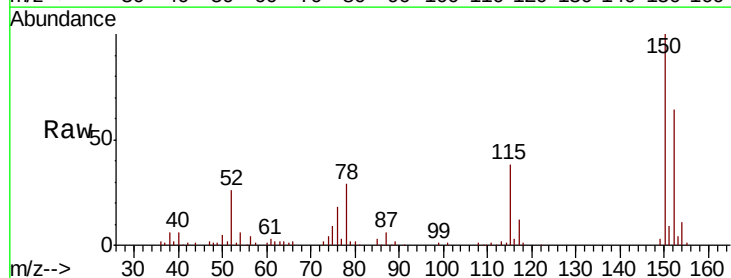


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 0.894 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040778.D
 Acq: 17 Oct 2020 22:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.6	26.4	39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

