

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101120\
 Data File : VU040641.D
 Acq On : 10 Oct 2020 17:51
 Operator : SY/MD
 Sample : L4349-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZS1

Quant Time: Oct 12 07:15:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 12 07:06:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120254	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126153	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41009	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.92	69	34950	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.58	63	62171	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.65	46	177224	55.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.16%
24) Chloroform-d	5.08	84	83897	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	54415	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	159088	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.70	67	55716	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	131894	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.19	79	21741	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.64	63	128001	51.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49226	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	57002	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

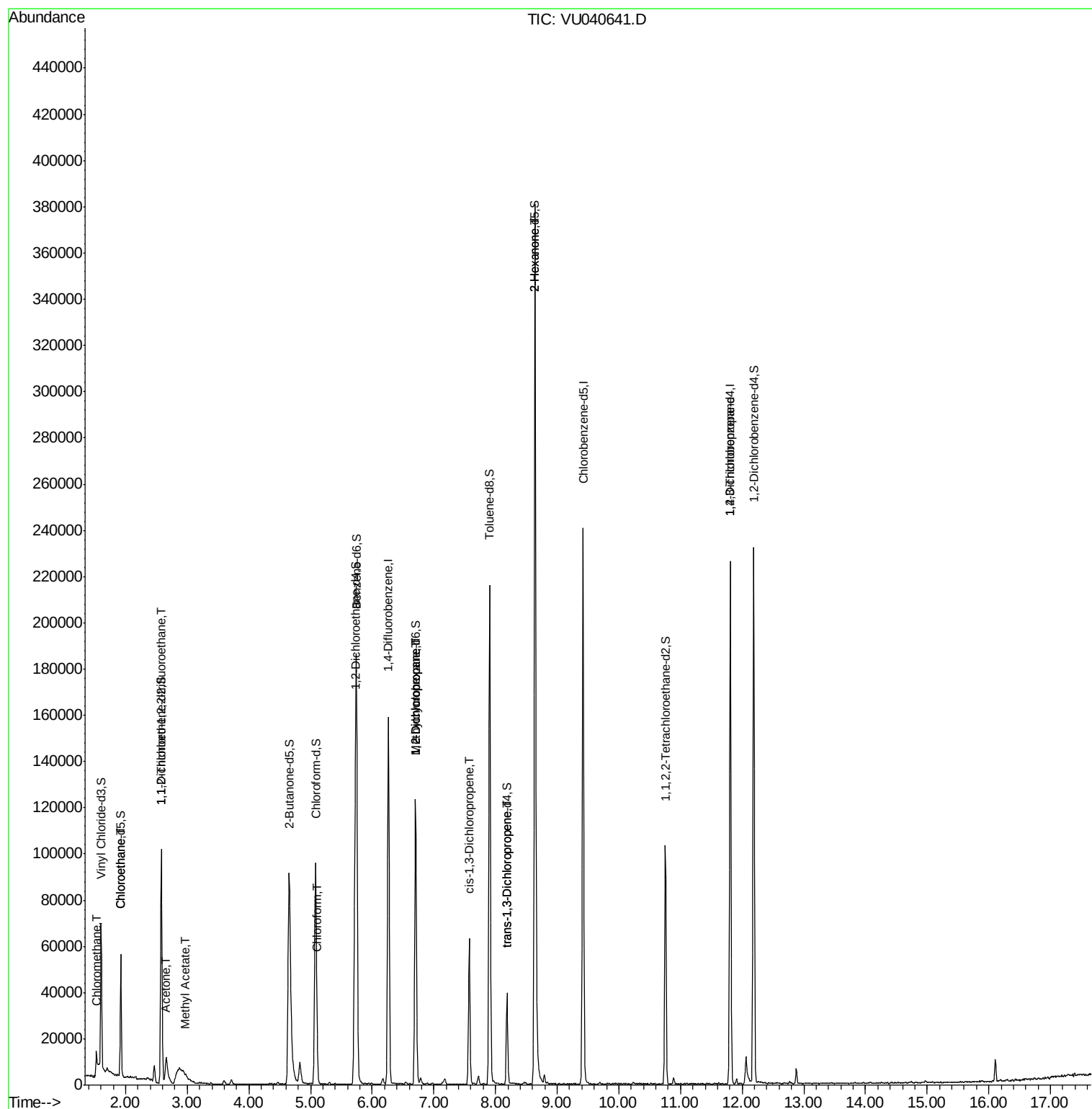
					Ovalue
3) Chloromethane	1.53	50	5288	0.519 ug/L	97
8) Chloroethane	1.93	64	489	0.072 ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	552	0.055 ug/L #	20
13) Acetone	2.66	43	22508	9.106 ug/L	90
15) Methyl Acetate	2.97	43	1146	0.203 ug/L #	65
25) Chloroform	5.11	83	1917	0.101 ug/L	98
35) Methylcyclohexane	6.70	83	12335	0.828 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6615	0.586 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1897	0.123 ug/L #	79
44) trans-1,3-Dichloropropene	8.19	75	1083	0.076 ug/L #	47
48) 2-Hexanone	8.64	43	18198	2.715 ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	8196	0.988 ug/L	98

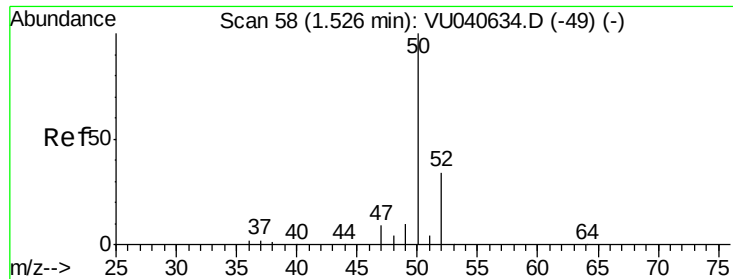
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 12 07:06:57 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.519 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040641.D

Acq: 10 Oct 2020 17:51

Instrument :

MSVOA_U

ClientSampleID :

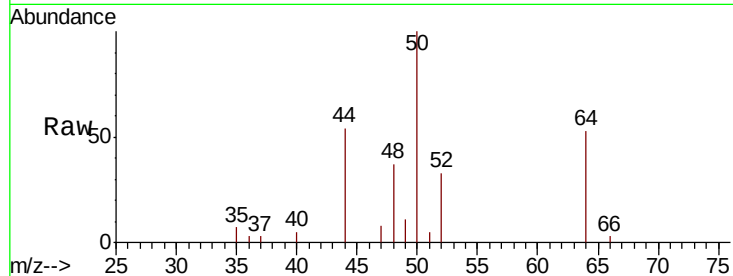
BFZS1

Tot Ion: 50 Resp: 5288

Ion Ratio Lower Upper

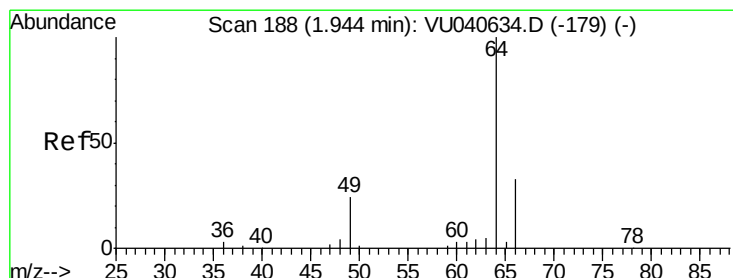
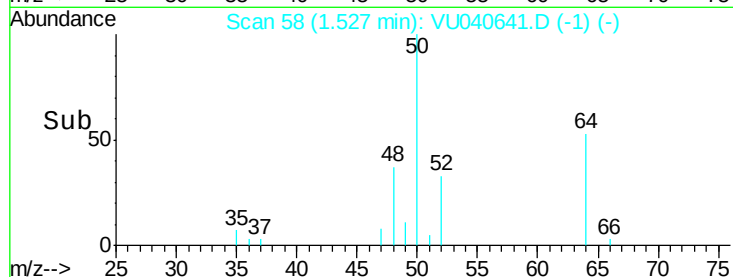
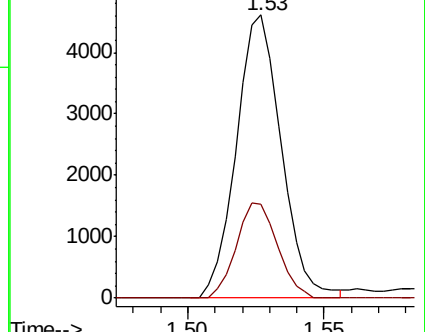
50 100

52 33.2 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU040641.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU040641.D (-49) (-)



#8

Chloroethane

Concen: 0.072 ug/L

RT: 1.93 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU040641.D

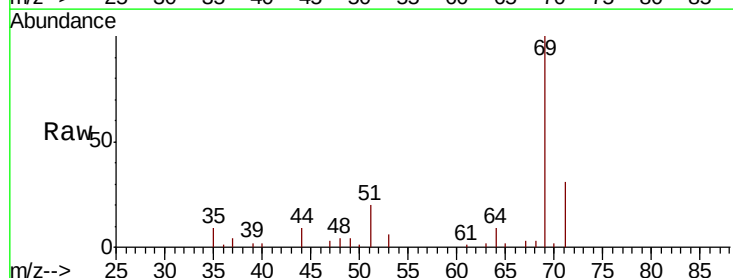
Acq: 10 Oct 2020 17:51

Tgt Ion: 64 Resp: 489

Ion Ratio Lower Upper

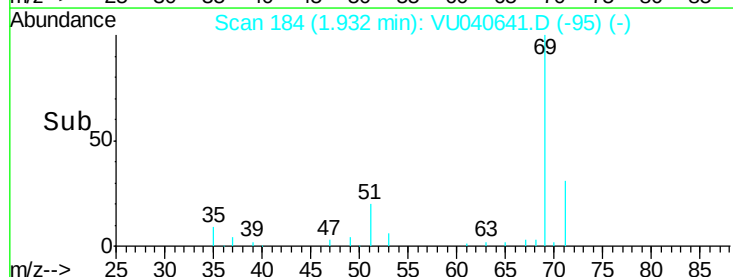
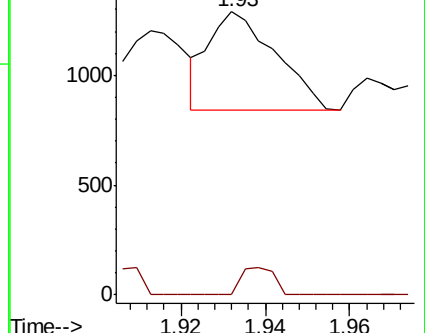
64 100

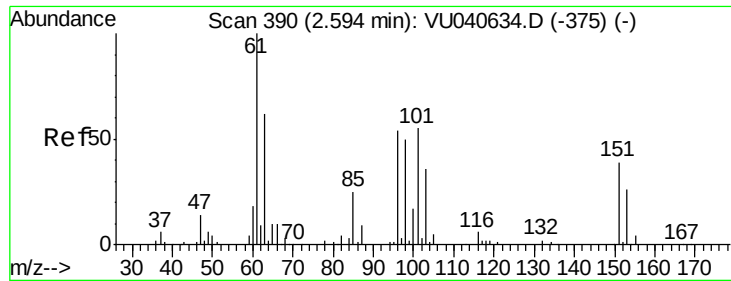
66 0.0 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU040641.D (-179) (-)

Ion 66.05 (65.75 to 66.75): VU040641.D (-179) (-)





#10

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

Concen: 0.055 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040641.D

Acq: 10 Oct 2020 17:51

Instrument :

MSVOA_U

ClientSampleId :

BFZS1

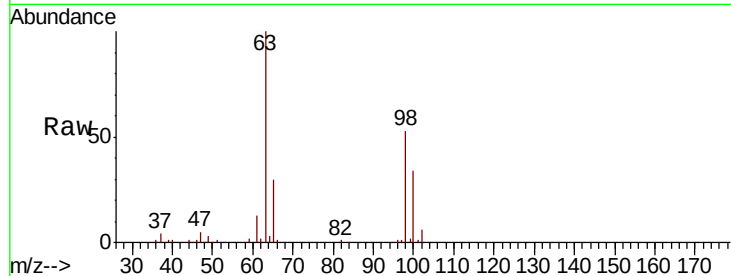
Tot Ion:101 Resp: 552

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

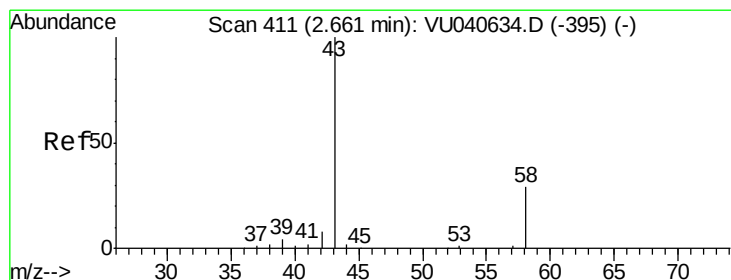
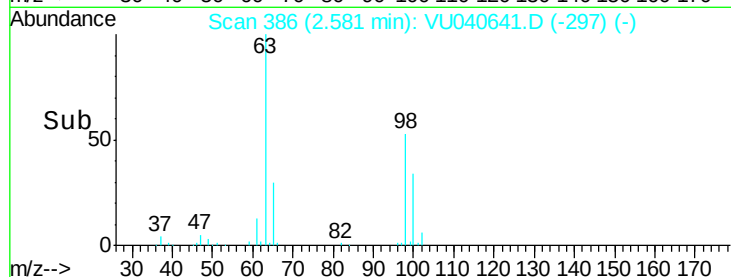
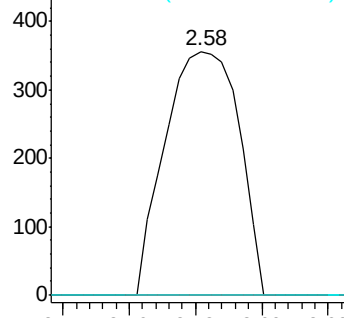
151 0.0 58.0 87.0#



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: 9.106 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU040641.D

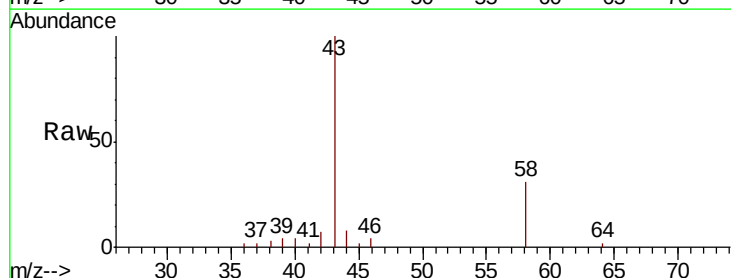
Acq: 10 Oct 2020 17:51

Tgt Ion: 43 Resp: 22508

Ion Ratio Lower Upper

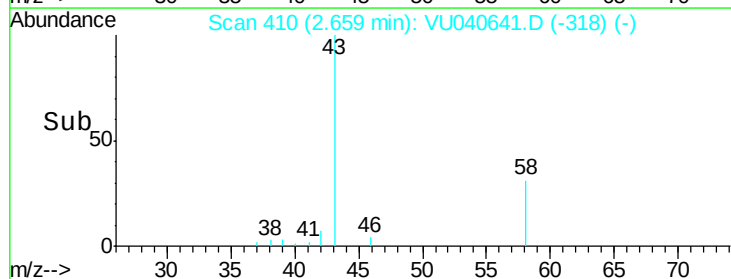
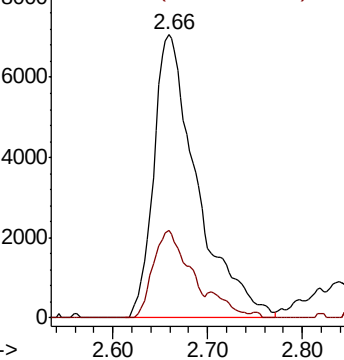
43 100

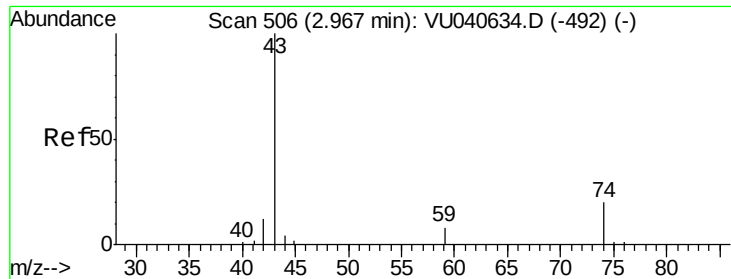
58 24.8 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

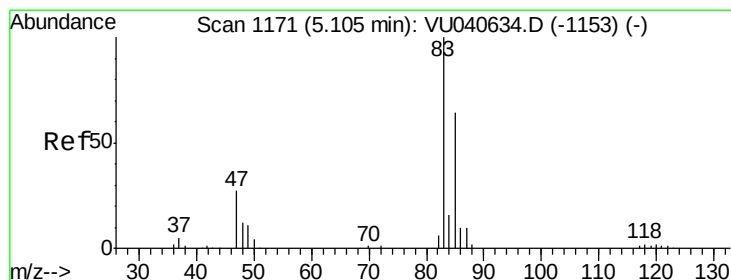
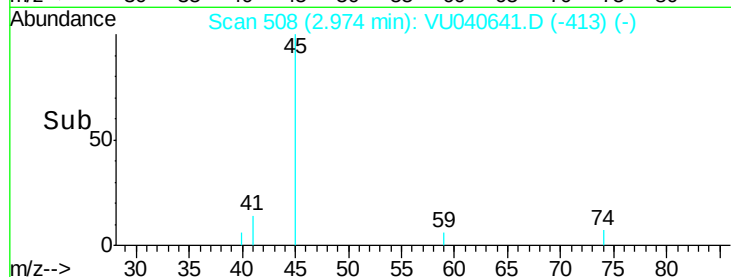
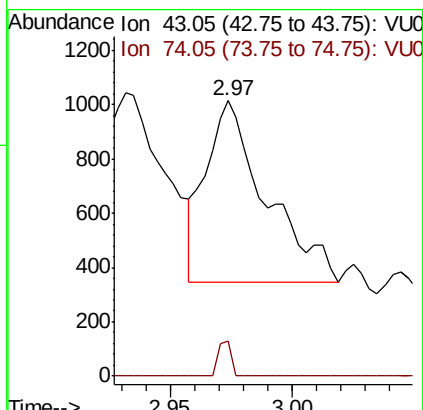
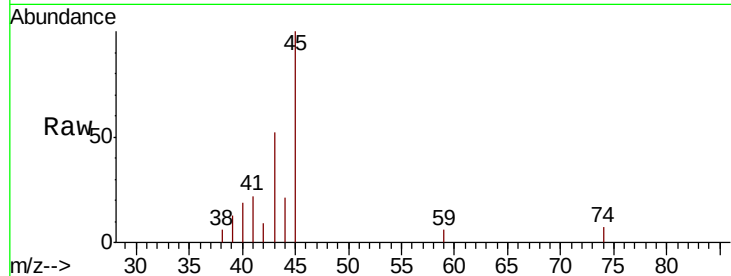




#15
Methvl Acetate
Concen: 0.203 ug/L
RT: 2.97 min Scan# 508
Delta R.T. 0.01 min
Lab File: VU040641.D
Acq: 10 Oct 2020 17:51

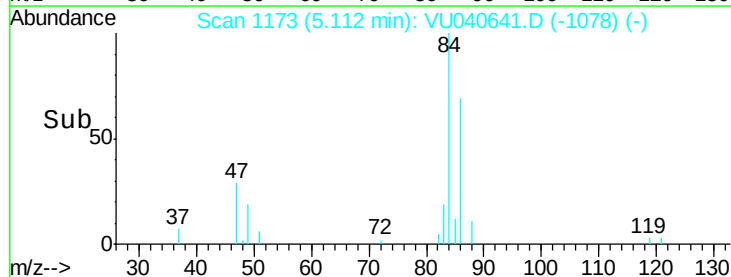
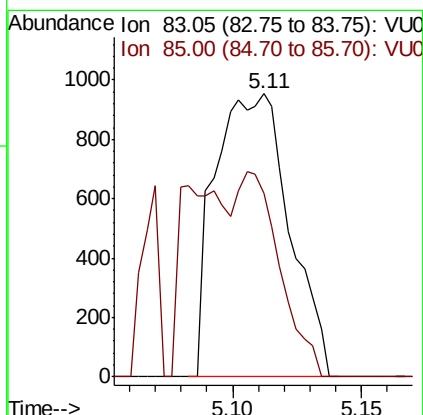
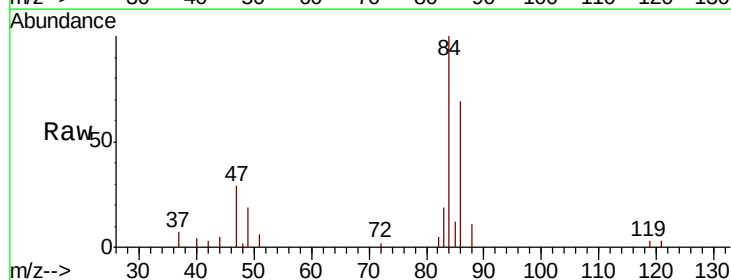
Instrument :
MSVOA_U
ClientSampled :
BFZS1

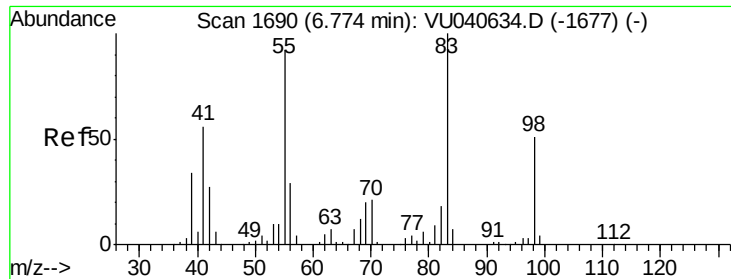
Tot Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
74 4.3 16.5 24.7#



#25
Chloroform
Concen: 0.101 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040641.D
Acq: 10 Oct 2020 17:51

Tgt Ion: 83 Resp: 1917
Ion Ratio Lower Upper
83 100
85 64.6 46.5 86.5

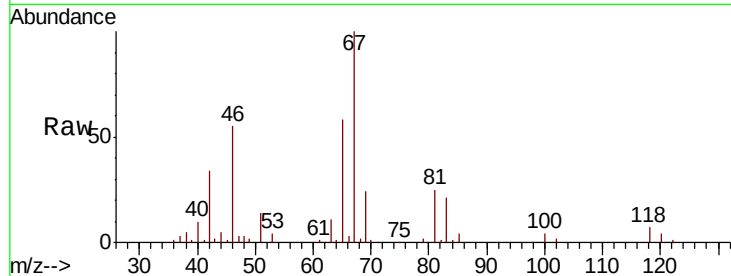




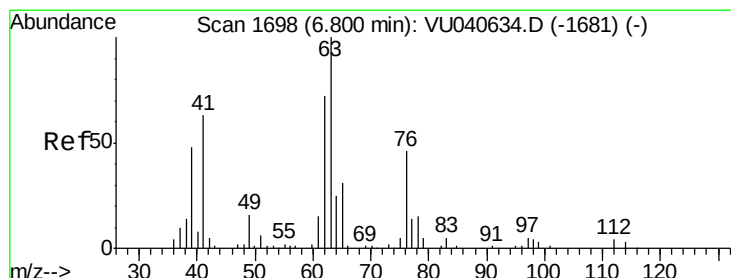
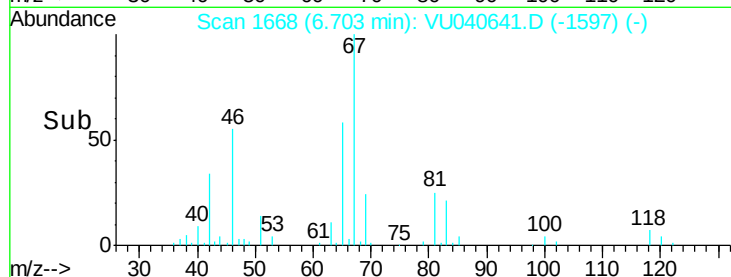
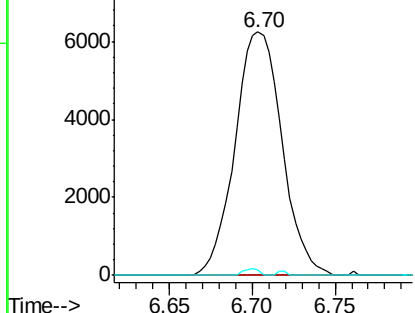
#35
Methylvlcyclohexane
Concen: 0.828 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040641.D
Acq: 10 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BFZS1

Tot Ion: 83 Resp: 12335
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.9 38.4 57.6#

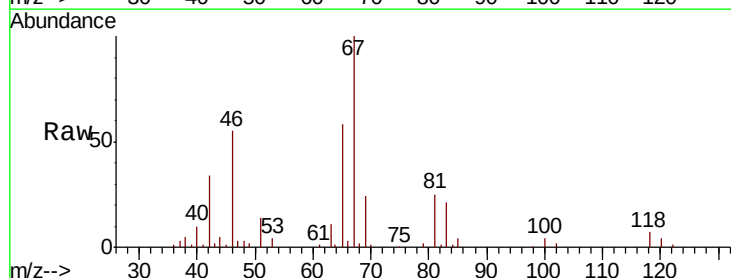


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

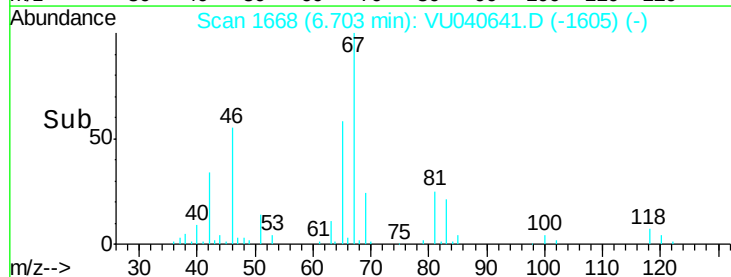
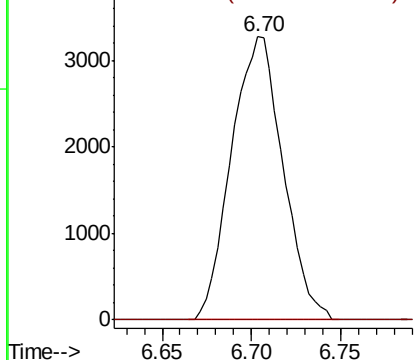


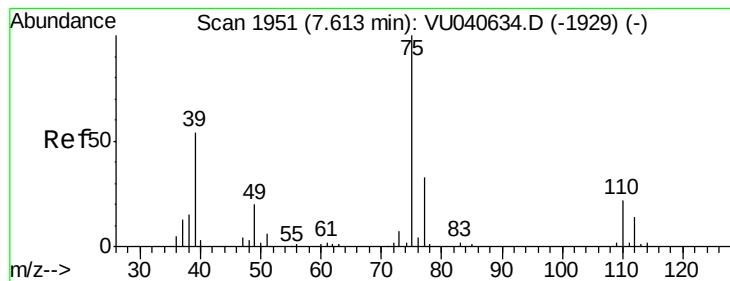
#37
1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040641.D
Acq: 10 Oct 2020 17:51

Tgt Ion: 63 Resp: 6615
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: 0.123 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040641.D

Acq: 10 Oct 2020 17:51

Instrument :

MSVOA_U

ClientSampleId :

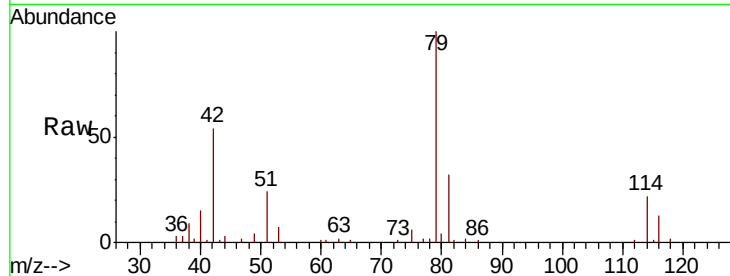
BFZS1

Tot Ion: 75 Resp: 1897

Ion Ratio Lower Upper

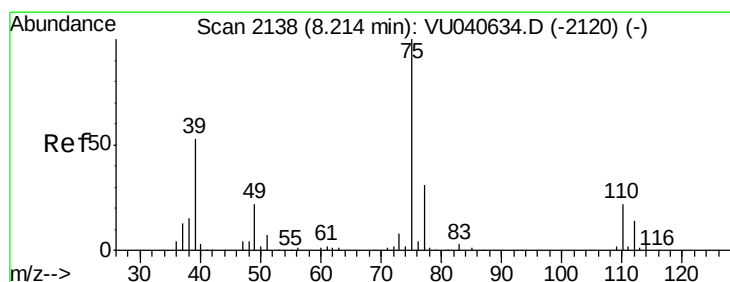
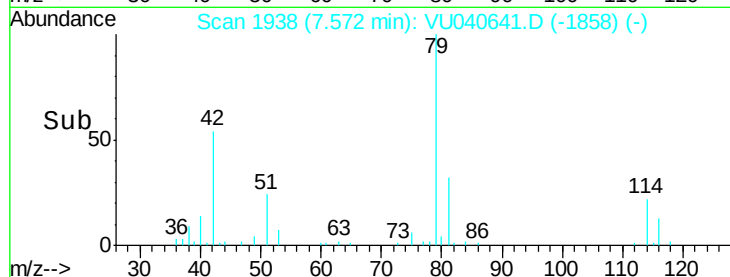
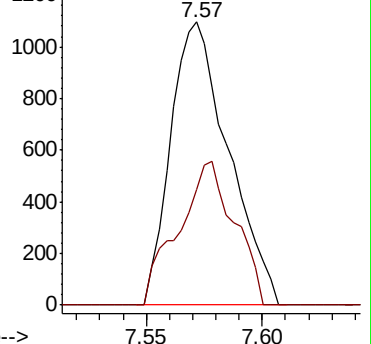
75 100

77 40.7 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040641.D

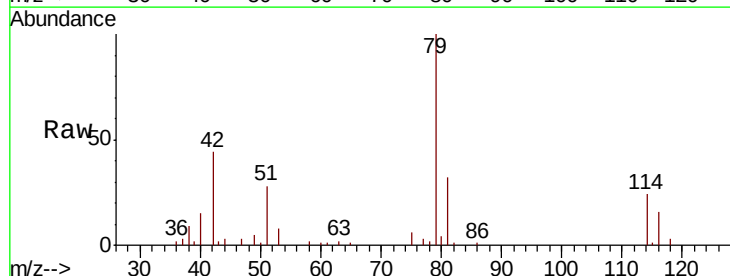
Acq: 10 Oct 2020 17:51

Tgt Ion: 75 Resp: 1083

Ion Ratio Lower Upper

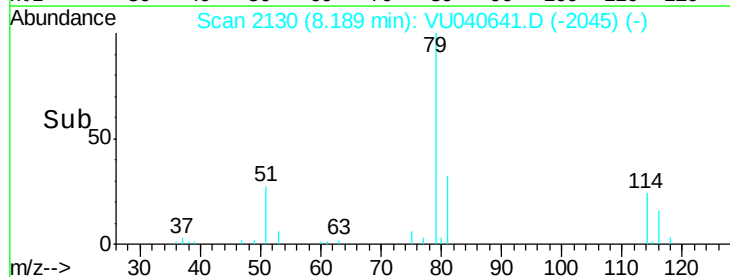
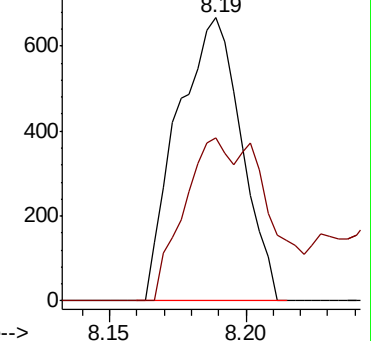
75 100

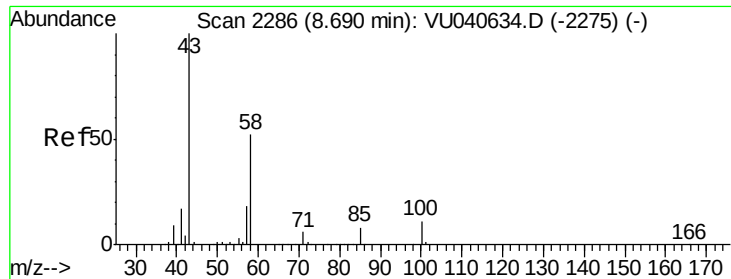
77 57.7 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

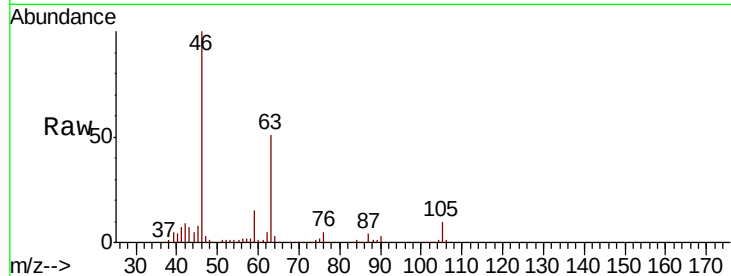




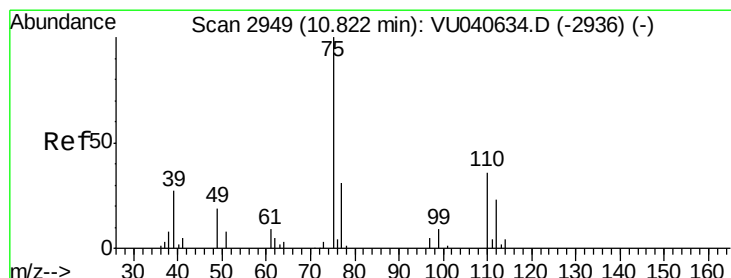
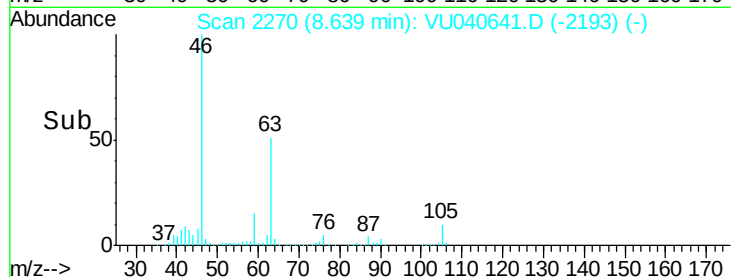
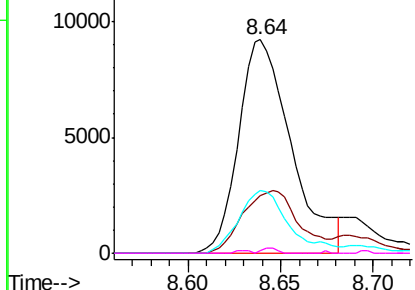
#48
2-Hexanone
Concen: 2.715 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040641.D
Acq: 10 Oct 2020 17:51

Instrument :
MSVOA_U
ClientSampleId :
BFZS1

Tot Ion:	43	Resp:	18198
Ion	Ratio	Lower	Upper
43	100		
58	31.4	41.0	61.6#
57	27.6	14.4	21.6#
100	0.7	8.6	13.0#

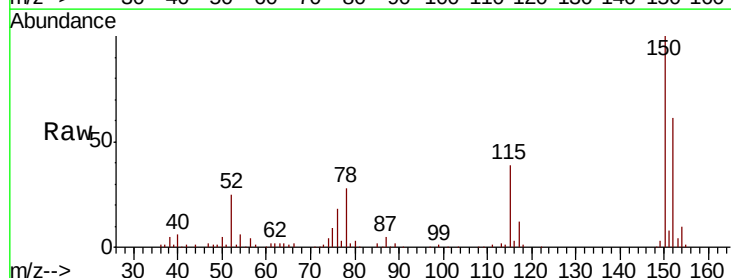


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.988 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040641.D
Acq: 10 Oct 2020 17:51

Tgt Ion:	75	Resp:	8196
Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.4	39.6



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

