

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101520\
 Data File : VU040725.D
 Acq On : 15 Oct 2020 17:04
 Operator : SY/MD
 Sample : L4421-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSJ5

Quant Time: Oct 16 04:33:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 04:23:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109010	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115694	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47318	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	39726	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.92	69	34823	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.58	63	61359	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.65	46	153329	53.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.10%
24) Chloroform-d	5.08	84	82758	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.72	65	50842	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.74	84	150814	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.70	67	51826	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.91	98	117780	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.19	79	19680	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.64	63	108002	47.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46184	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	49974	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

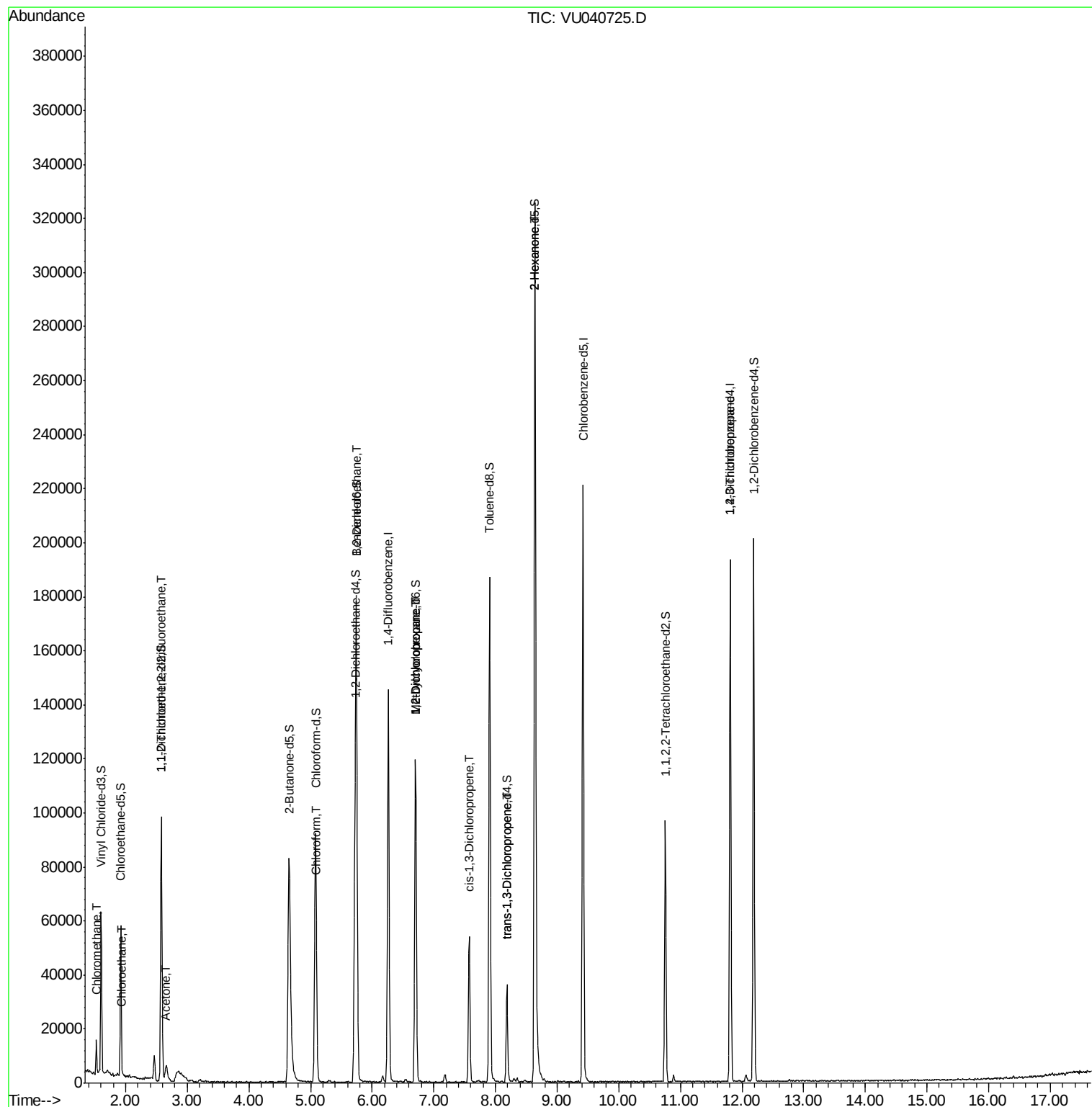
					Ovalue
3) Chloromethane	1.53	50	8594	0.930	ug/L 97
8) Chloroethane	1.95	64	401	0.065	ug/L # 73
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	446	0.049	ug/L # 20
13) Acetone	2.66	43	11050	4.932	ug/L 95
25) Chloroform	5.11	83	1831	0.107	ug/L 91
27) 1,2-Dichloroethane	5.75	62	906	0.074	ug/L # 77
35) Methylcyclohexane	6.70	83	12380	0.906	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	5927	0.572	ug/L # 87
39) cis-1,3-Dichloropropene	7.57	75	1452	0.103	ug/L # 65
44) trans-1,3-Dichloropropene	8.19	75	946	0.073	ug/L 99
48) 2-Hexanone	8.64	43	15293	2.488	ug/L # 72
59) 1,2,3-Trichloropropane	11.81	75	6507	0.855	ug/L 90

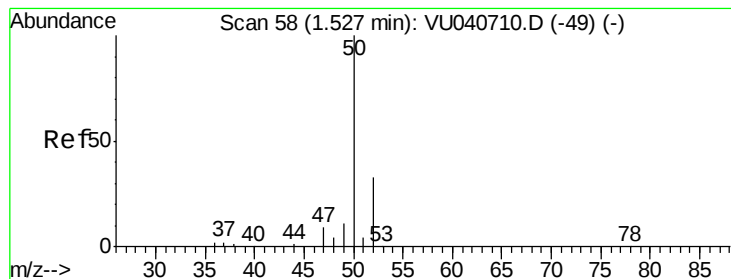
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101520\
Data File : VU040725.D
Acq On : 15 Oct 2020 17:04
Operator : SY/MD
Sample : L4421-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSJ5

Quant Time: Oct 16 04:33:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 04:23:22 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.930 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040725.D

Acq: 15 Oct 2020 17:04

Instrument :

MSVOA_U

ClientSampleId :

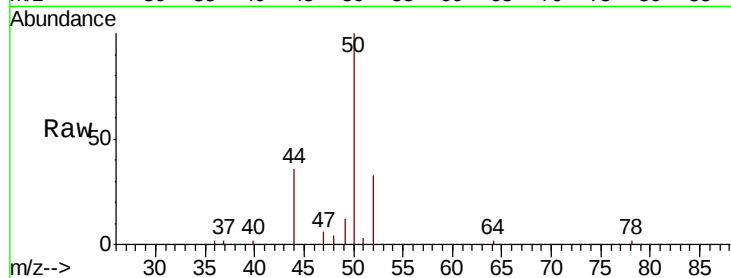
BFSJ5

Tot Ion: 50 Resp: 8594

Ion Ratio Lower Upper

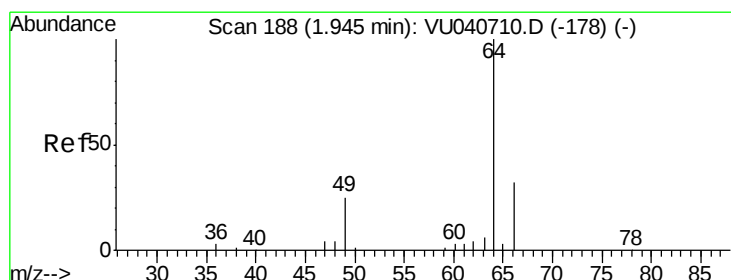
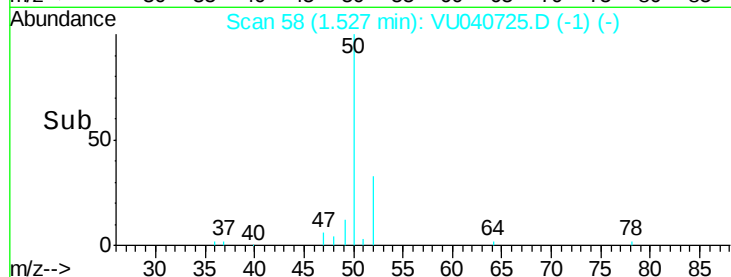
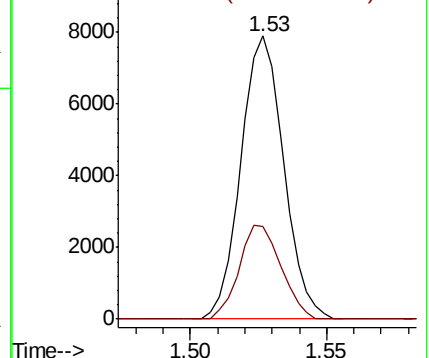
50 100

52 32.9 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.065 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU040725.D

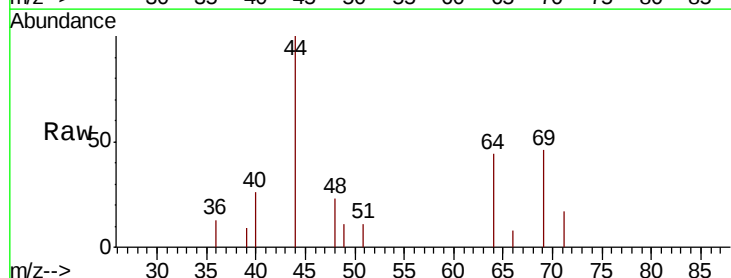
Acq: 15 Oct 2020 17:04

Tgt Ion: 64 Resp: 401

Ion Ratio Lower Upper

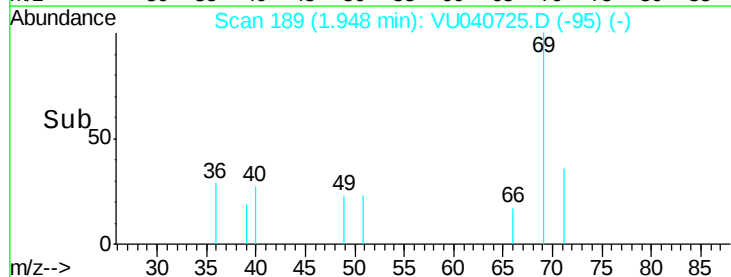
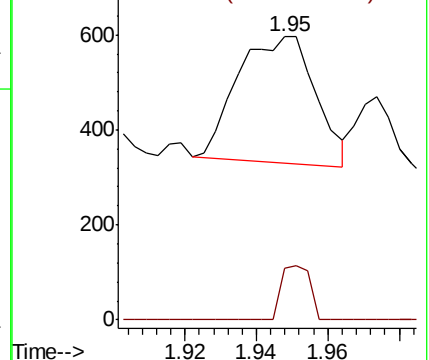
64 100

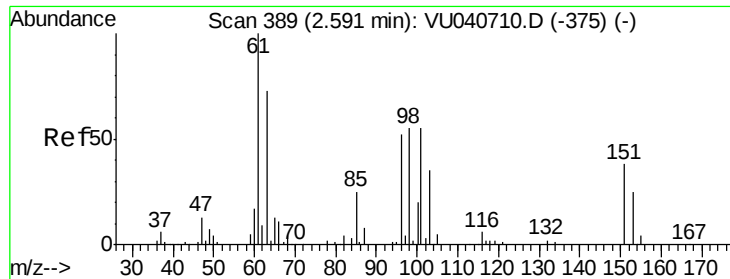
66 18.1 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

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

Concen: 0.049 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU040725.D

Acq: 15 Oct 2020 17:04

Instrument :

MSVOA_U

ClientSampled :

BFSJ5

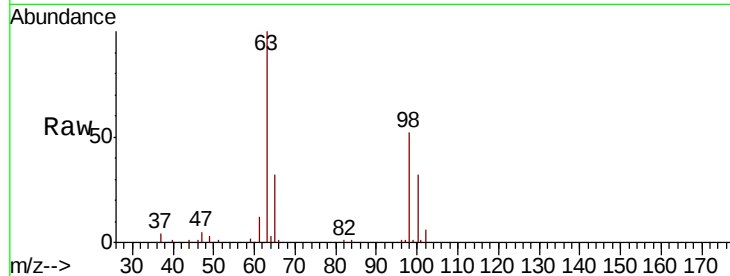
Tot Ion:101 Resp: 446

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

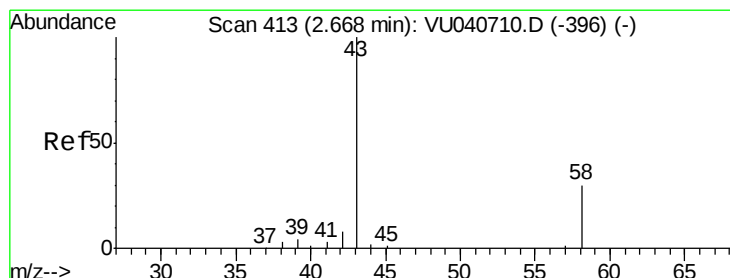
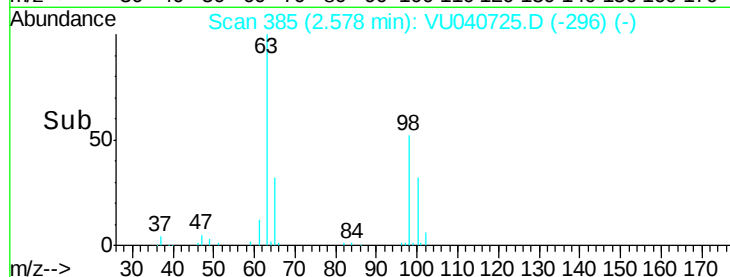
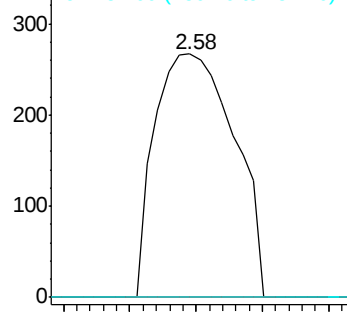
151 0.0 58.0 87.0#



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: 4.932 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU040725.D

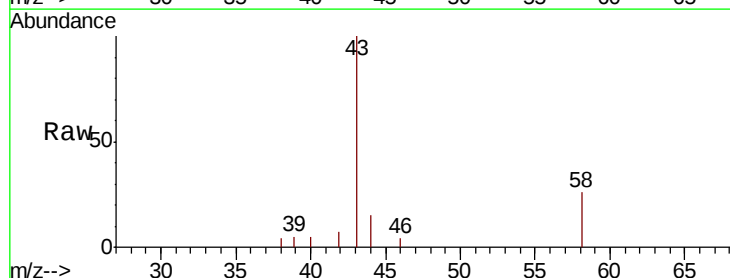
Acq: 15 Oct 2020 17:04

Tgt Ion: 43 Resp: 11050

Ion Ratio Lower Upper

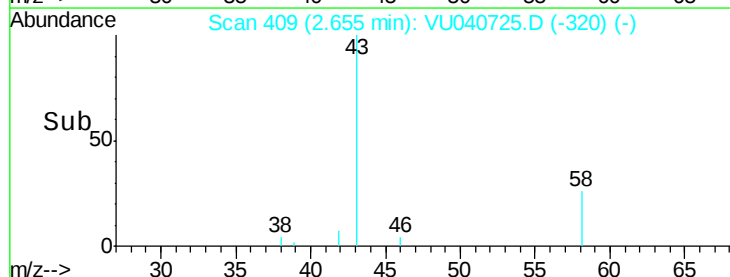
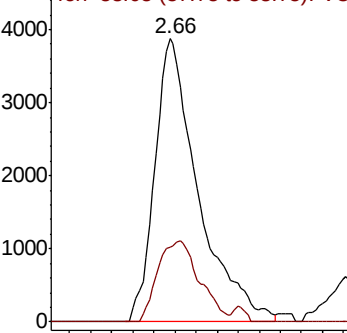
43 100

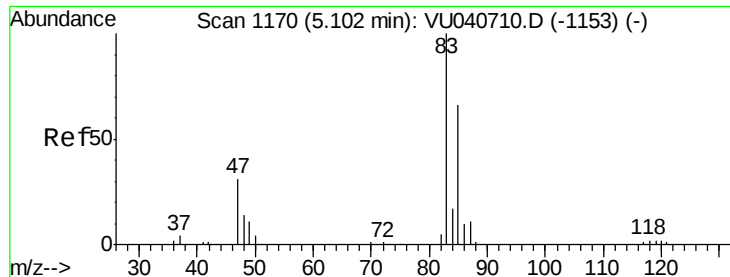
58 27.5 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

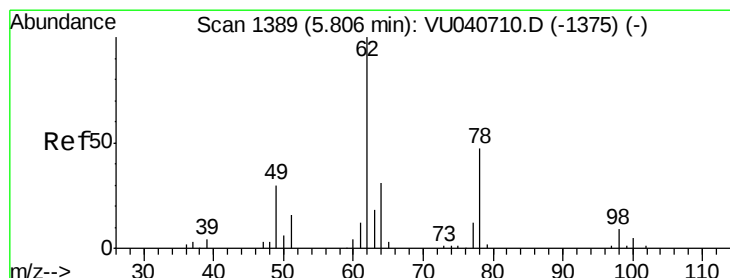
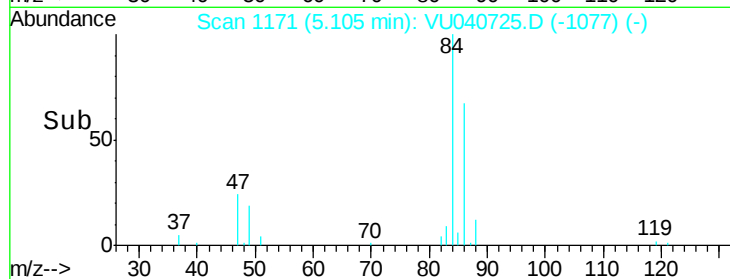
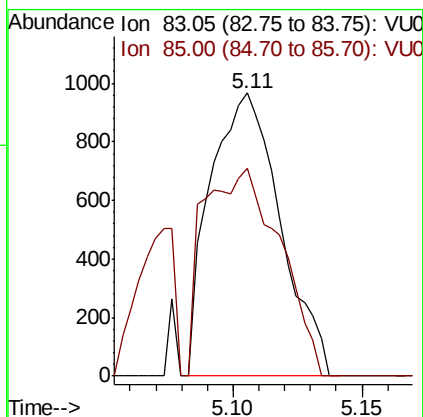
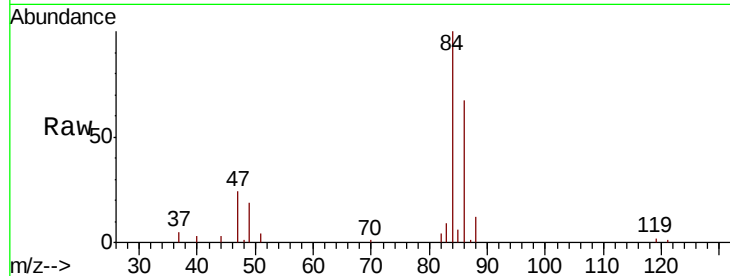




#25
Chloroform
Concen: 0.107 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040725.D
Acq: 15 Oct 2020 17:04

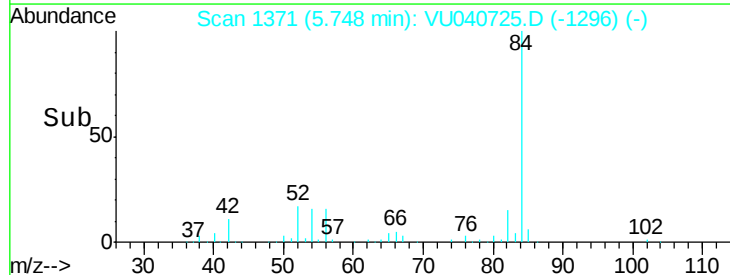
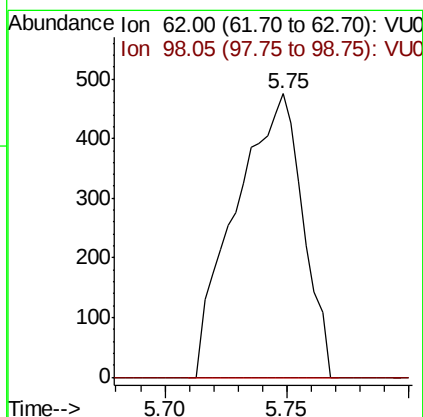
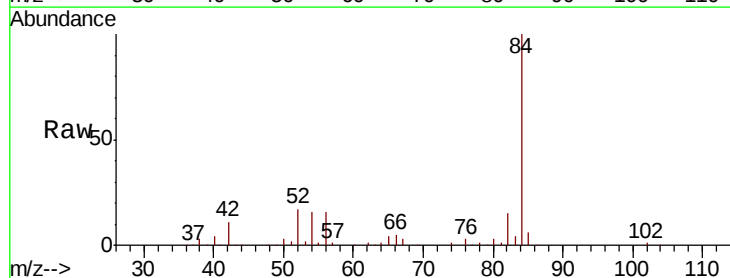
Instrument :
MSVOA_U
ClientSampled :
BFSJ5

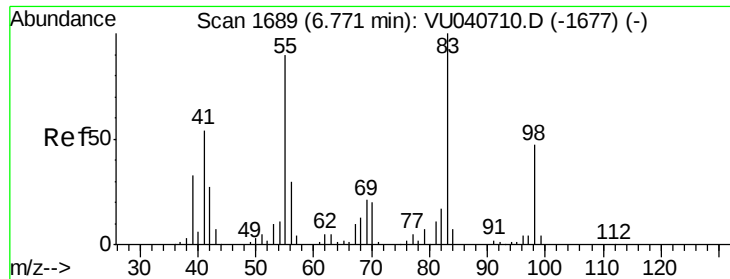
Tot Ion: 83 Resp: 1831
Ion Ratio Lower Upper
83 100
85 73.5 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.074 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU040725.D
Acq: 15 Oct 2020 17:04

Tgt Ion: 62 Resp: 906
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

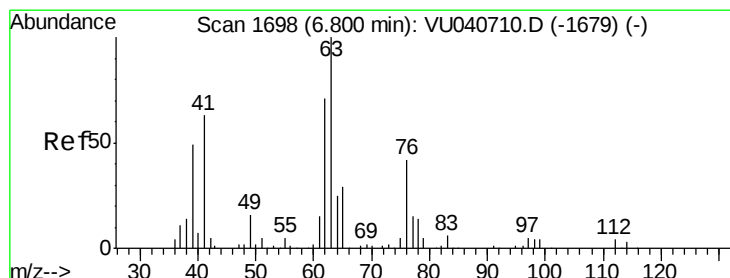
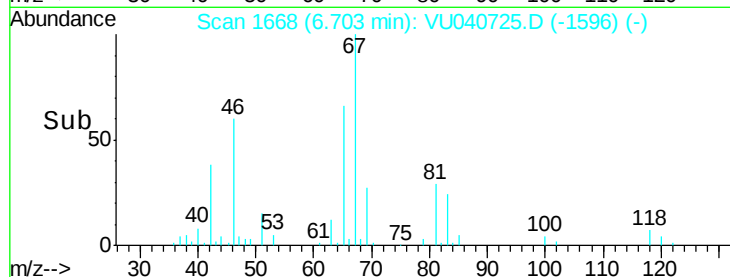
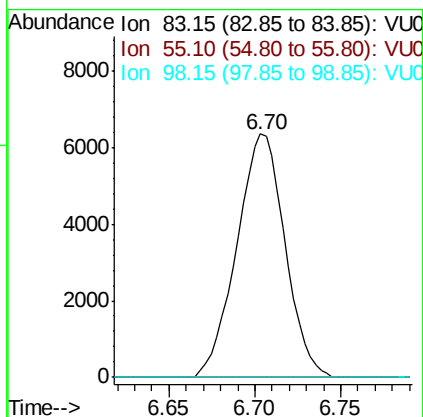
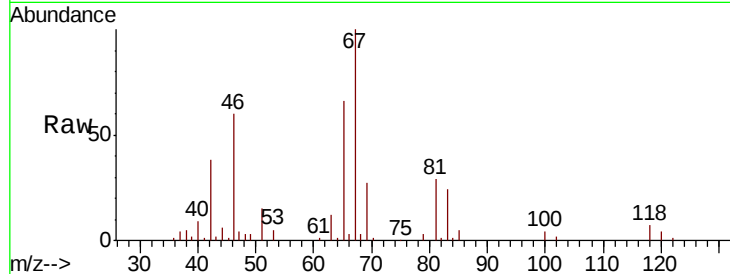




#35
Methvlcvclohexane
Concen: 0.906 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040725.D
Acq: 15 Oct 2020 17:04

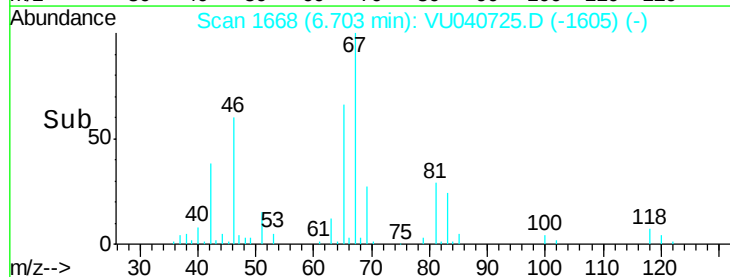
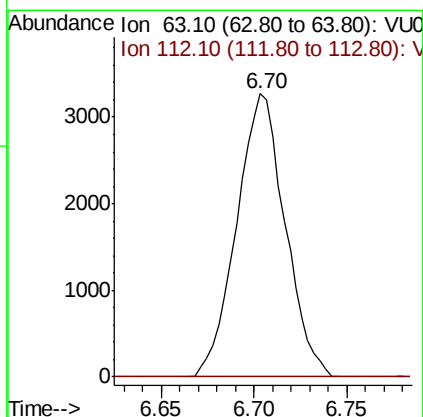
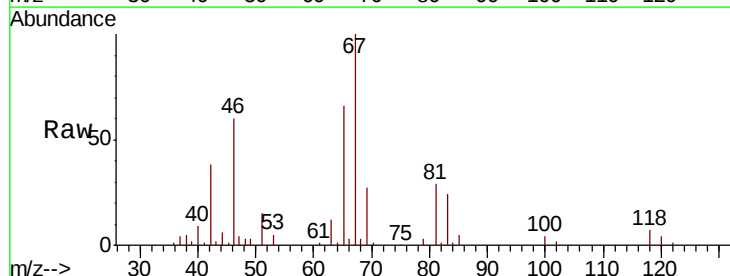
Instrument :
MSVOA_U
ClientSampleId :
BFSJ5

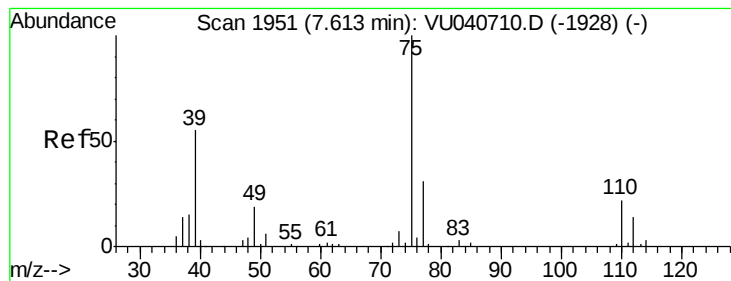
Tot Ion: 83 Resp: 12380
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 1.5 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040725.D
Acq: 15 Oct 2020 17:04

Tgt Ion: 63 Resp: 5927
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040725.D

Acq: 15 Oct 2020 17:04

Instrument :

MSVOA_U

ClientSampled :

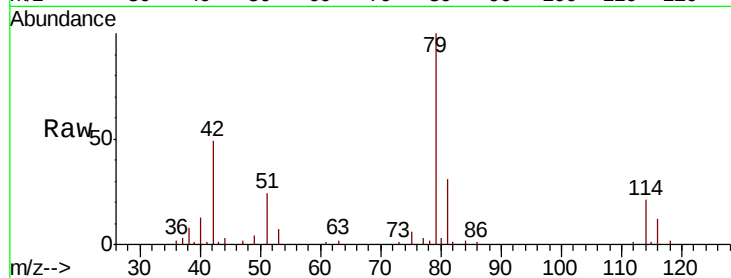
BFSJ5

Tot Ion: 75 Resp: 1452

Ion Ratio Lower Upper

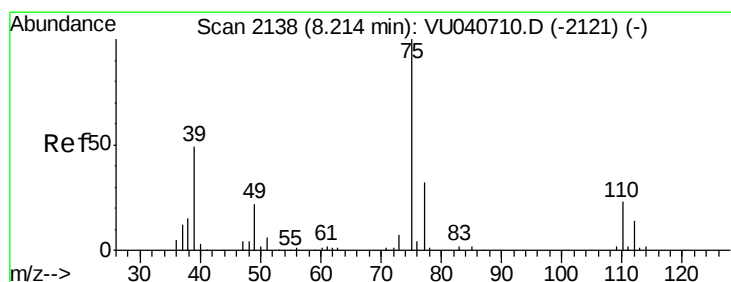
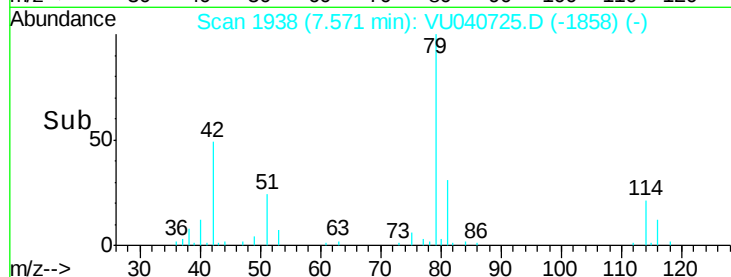
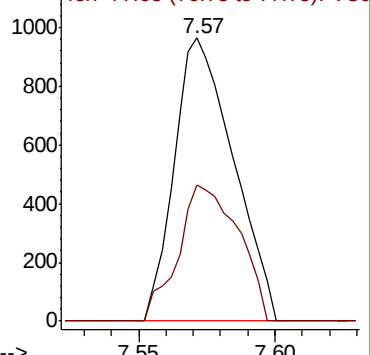
75 100

77 48.1 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: 0.073 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040725.D

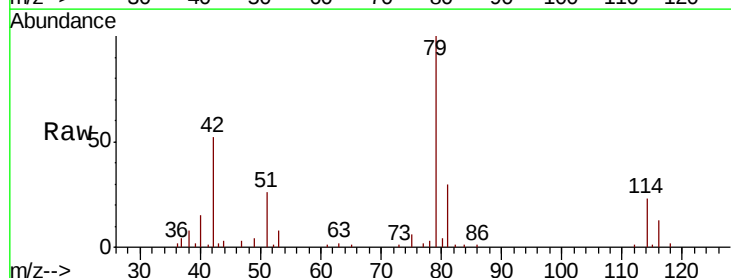
Acq: 15 Oct 2020 17:04

Tgt Ion: 75 Resp: 946

Ion Ratio Lower Upper

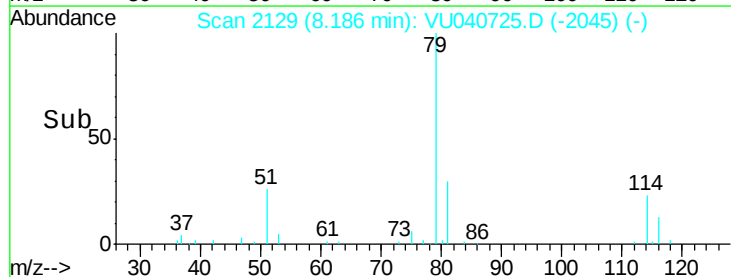
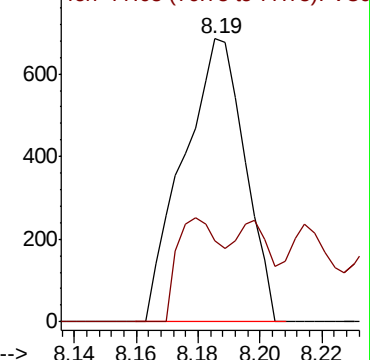
75 100

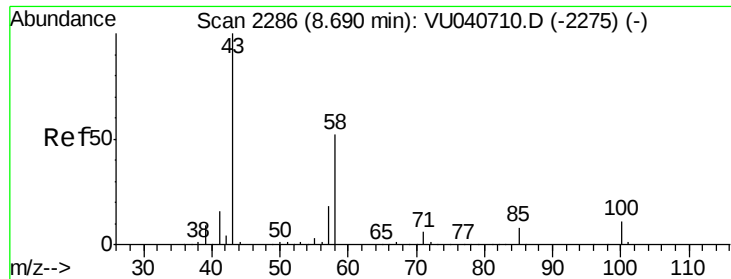
77 28.8 20.4 38.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

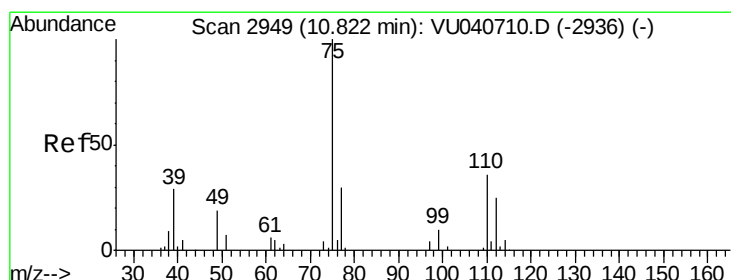
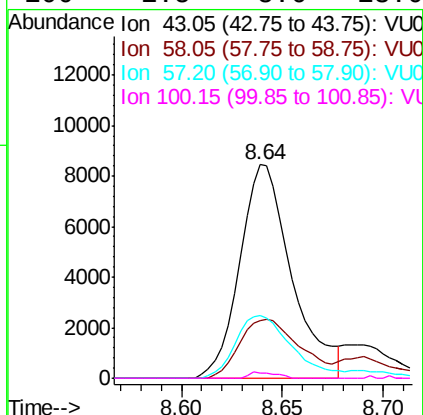
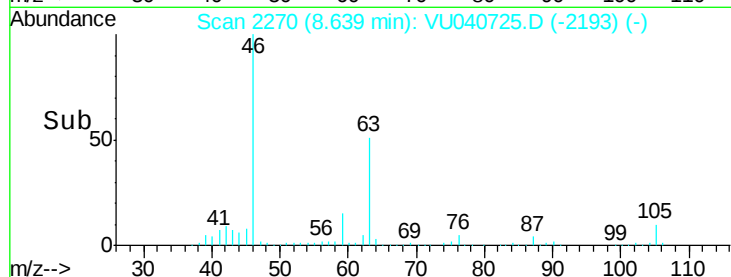
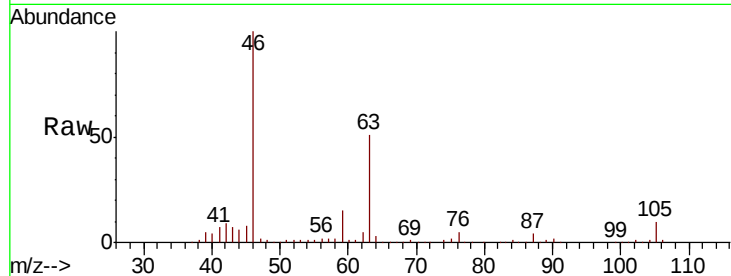




#48
 2-Hexanone
 Concen: 2.488 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040725.D
 Acq: 15 Oct 2020 17:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSJ5

Tot Ion: 43 Resp: 15293
 Ion Ratio Lower Upper
 43 100
 58 31.6 41.0 61.6#
 57 31.6 14.4 21.6#
 100 1.5 8.6 13.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.855 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU040725.D
 Acq: 15 Oct 2020 17:04

Tgt Ion: 75 Resp: 6507
 Ion Ratio Lower Upper
 75 100
 77 38.6 26.4 39.6

