

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101520\
 Data File : VU040724.D
 Acq On : 15 Oct 2020 16:41
 Operator : SY/MD
 Sample : L4421-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSG7

Quant Time: Oct 16 04:33:12 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	104858	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47650	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41387	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	35462	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.58	63	61870	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.65	46	158559	57.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.06%
24) Chloroform-d	5.08	84	85848	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	5.72	65	51837	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.74	84	152718	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.70	67	51253	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.91	98	121080	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	19715	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.64	63	109534	50.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47246	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	51698	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

Target Compounds

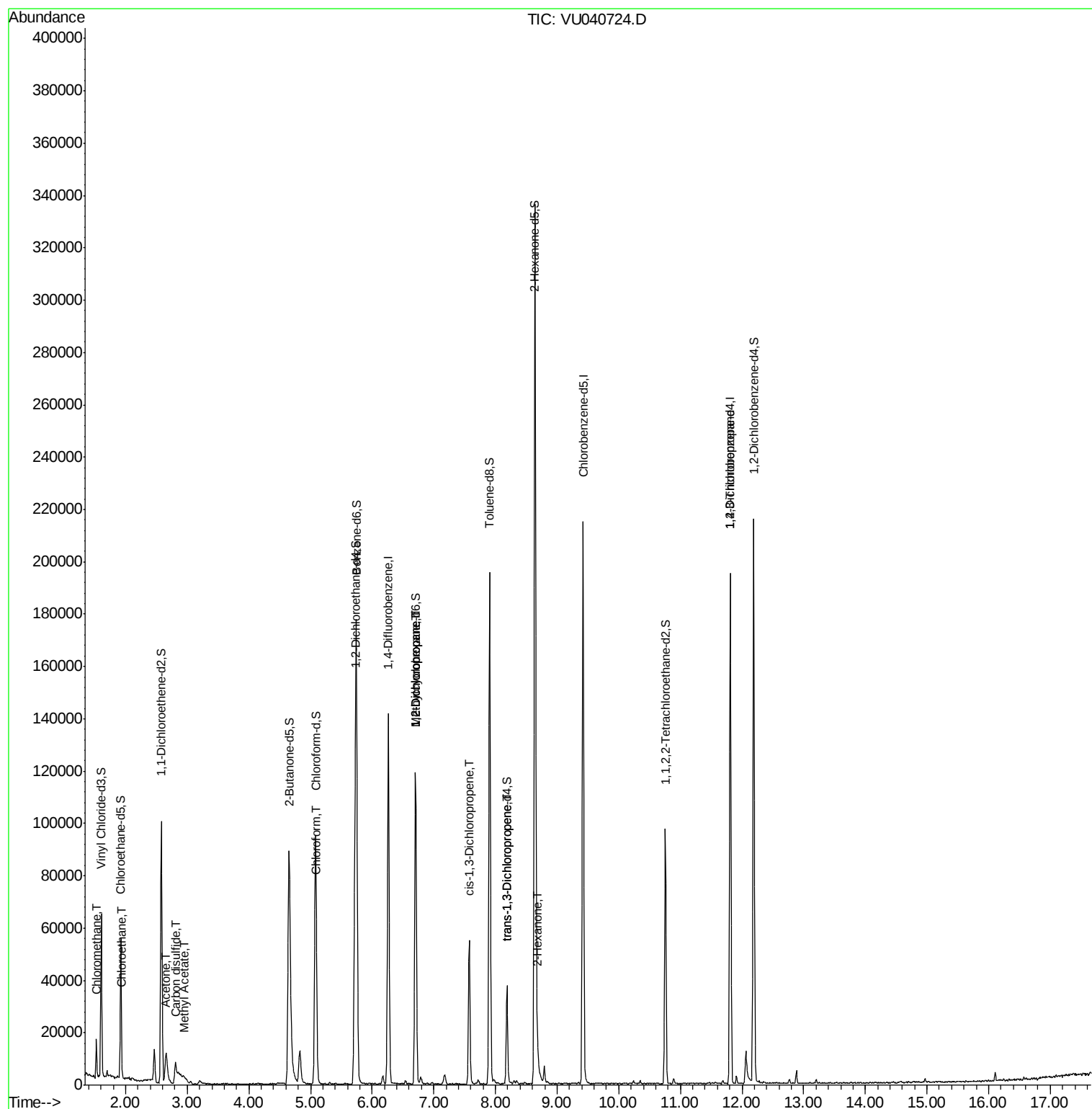
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	9931	1.118	ug/L	98
8) Chloroethane	1.94	64	618	0.104	ug/L #	68
13) Acetone	2.66	43	21674	10.057	ug/L	94
14) Carbon disulfide	2.81	76	7628	0.364	ug/L #	91
15) Methyl Acetate	2.96	43	937	0.190	ug/L #	56
25) Chloroform	5.11	83	1566	0.095	ug/L	93
35) Methylcyclohexane	6.70	83	12053	0.915	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6170	0.618	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1307	0.096	ug/L #	78
44) trans-1,3-Dichloropropene	8.19	75	857	0.068	ug/L #	62
48) 2-Hexanone	8.68	43	2929	0.494	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	6190	0.844	ug/L	89

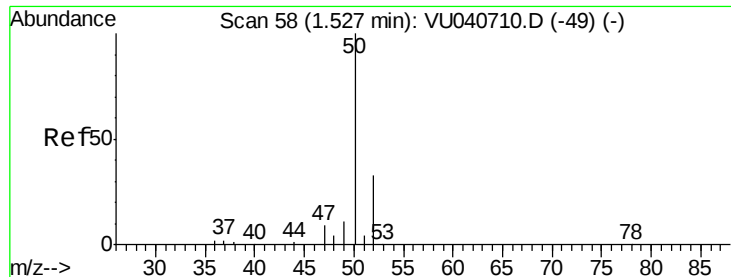
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.118 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040724.D

Acq: 15 Oct 2020 16:41

Instrument :

MSVOA_U

ClientSampleId :

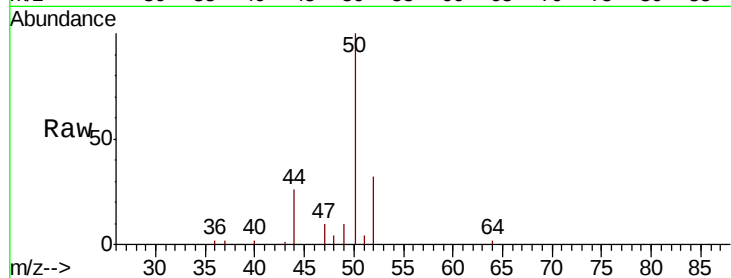
BFSG7

Tot Ion: 50 Resp: 9931

Ion Ratio Lower Upper

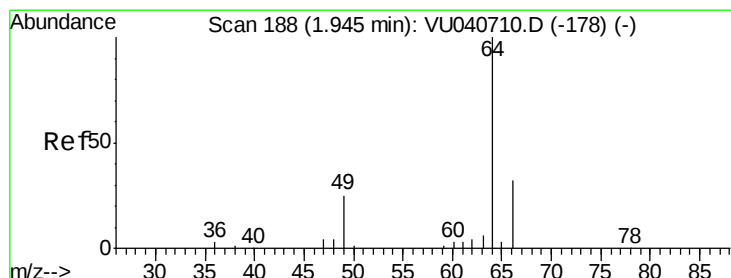
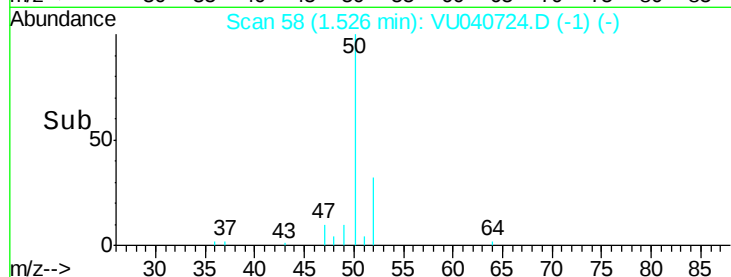
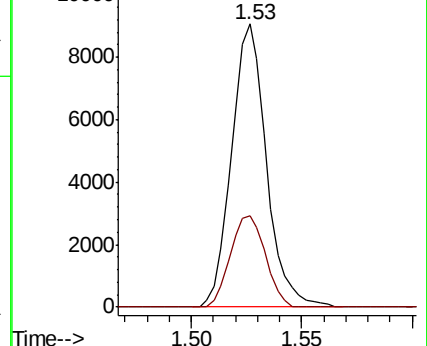
50 100

52 32.3 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: 0.104 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU040724.D

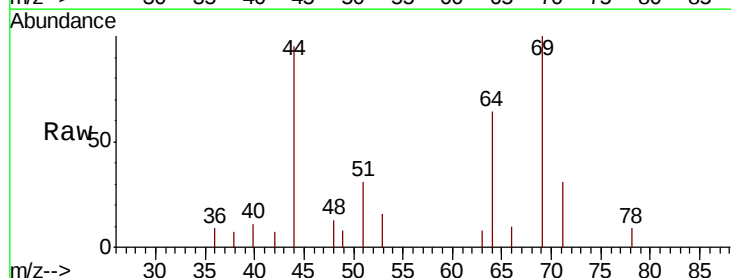
Acq: 15 Oct 2020 16:41

Tgt Ion: 64 Resp: 618

Ion Ratio Lower Upper

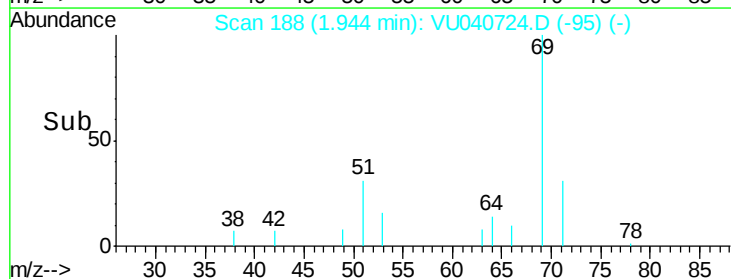
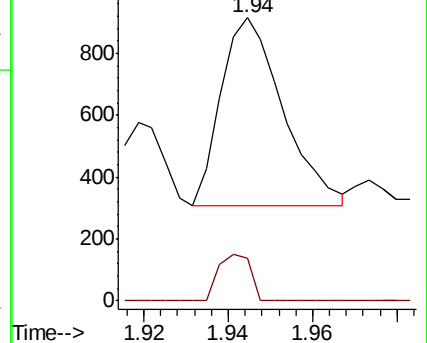
64 100

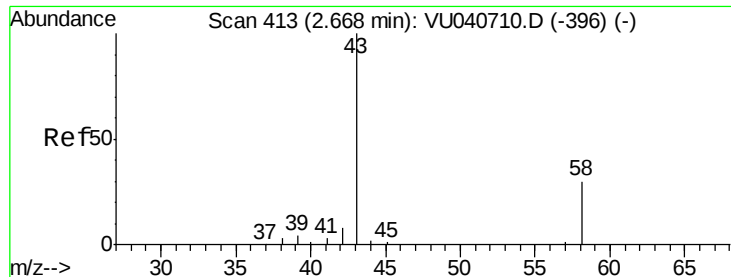
66 15.0 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 10.057 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU040724.D

Acq: 15 Oct 2020 16:41

Instrument :

MSVOA_U

ClientSampleId :

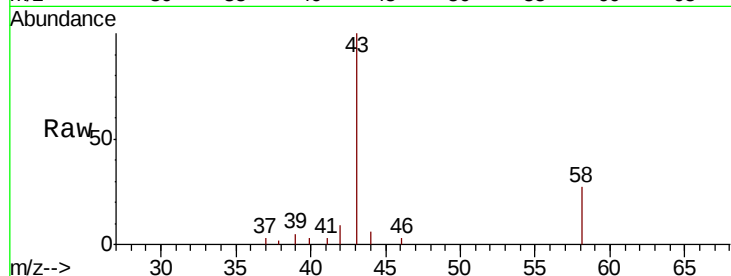
BFSG7

Tot Ion: 43 Resp: 21674

Ion Ratio Lower Upper

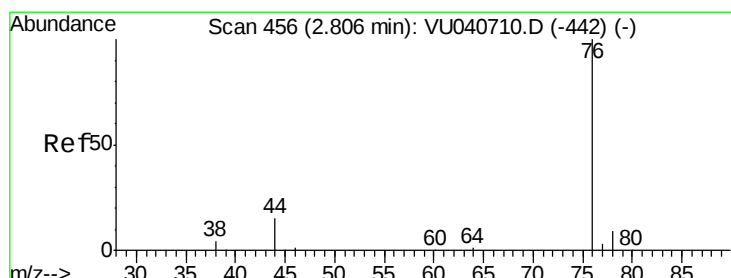
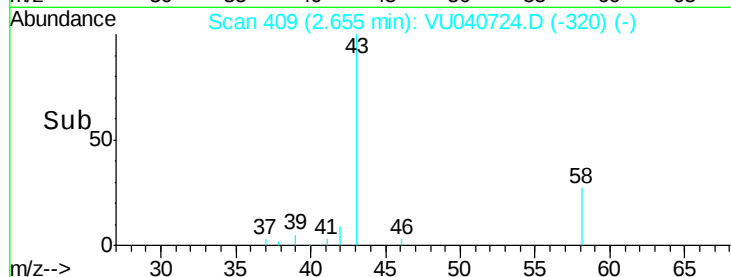
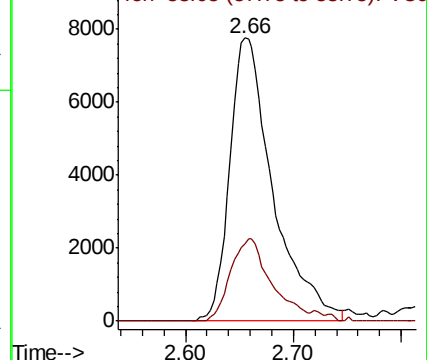
43 100

58 27.2 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 0.364 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040724.D

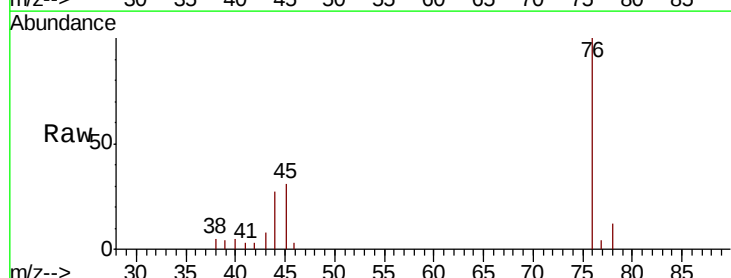
Acq: 15 Oct 2020 16:41

Tgt Ion: 76 Resp: 7628

Ion Ratio Lower Upper

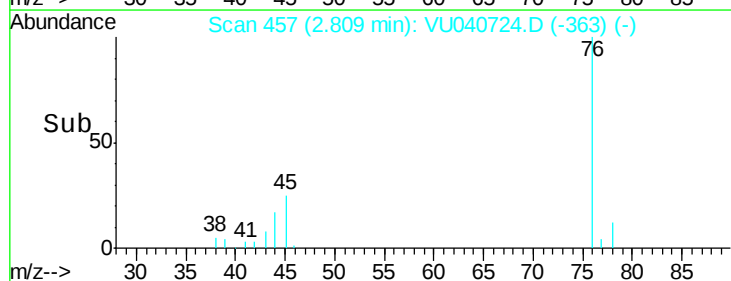
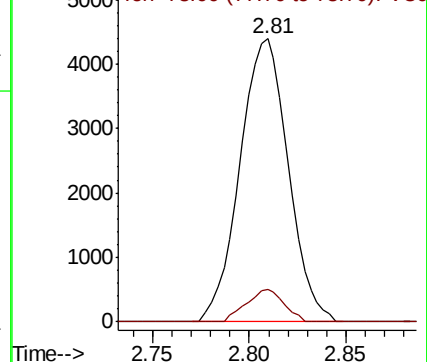
76 100

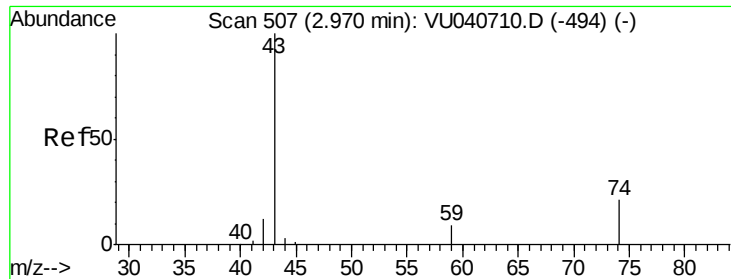
78 11.7 6.8 10.2#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

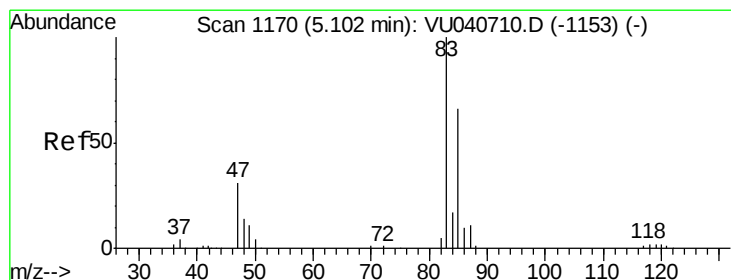
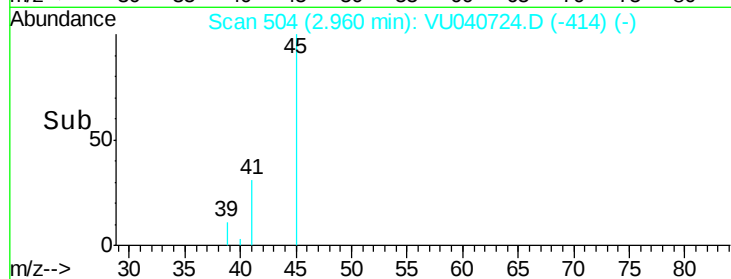
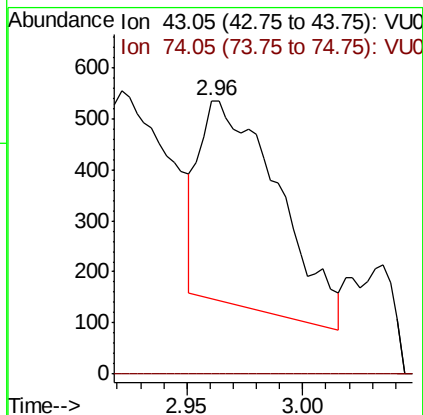
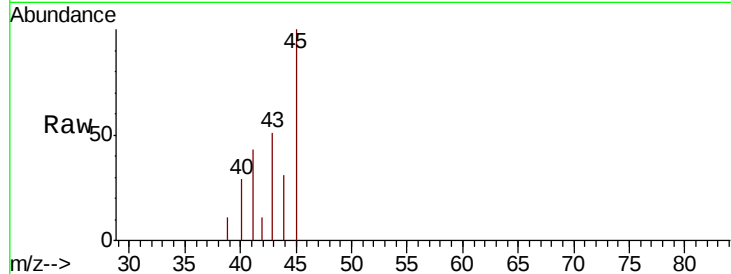




#15
Methvl Acetate
Concen: 0.190 ug/L
RT: 2.96 min Scan# 504
Delta R.T. -0.01 min
Lab File: VU040724.D
Acq: 15 Oct 2020 16:41

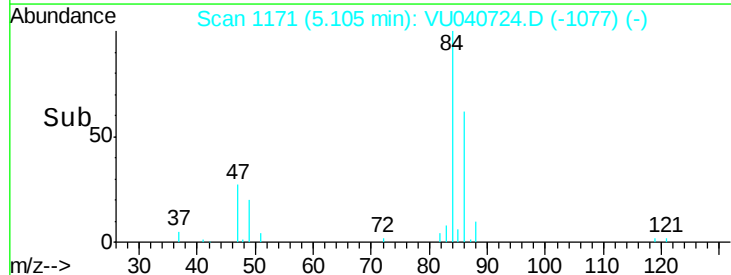
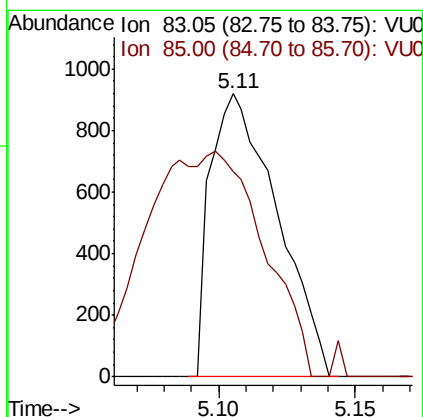
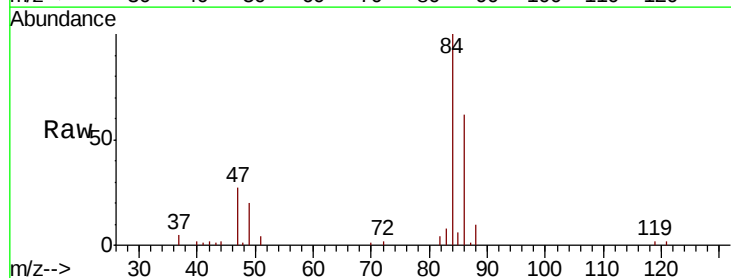
Instrument :
MSVOA_U
ClientSampleId :
BFSG7

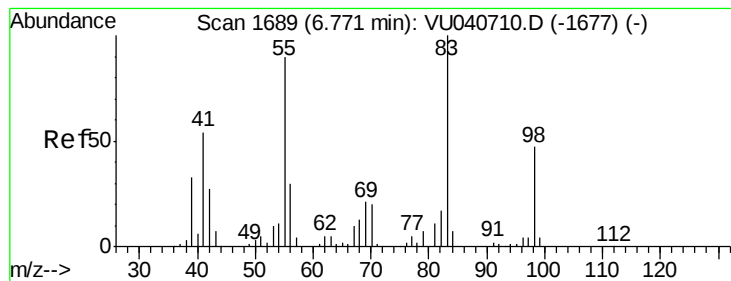
Tot Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#25
Chloroform
Concen: 0.095 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040724.D
Acq: 15 Oct 2020 16:41

Tgt Ion: 83 Resp: 1566
Ion Ratio Lower Upper
83 100
85 72.5 46.5 86.5





#35

Methvlcvclohexane

Concen: 0.915 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040724.D

Acq: 15 Oct 2020 16:41

Instrument :

MSVOA_U

ClientSampleId :

BFSG7

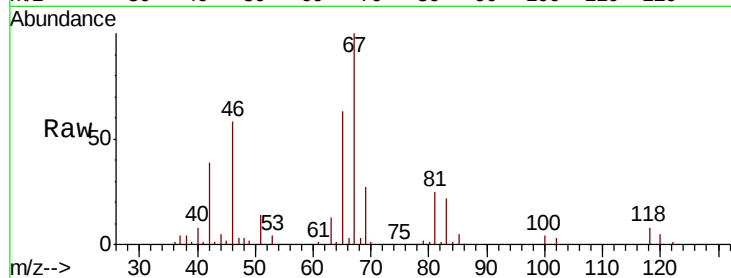
Tot Ion: 83 Resp: 12053

Ion Ratio Lower Upper

83 100

55 0.0 70.7 106.1#

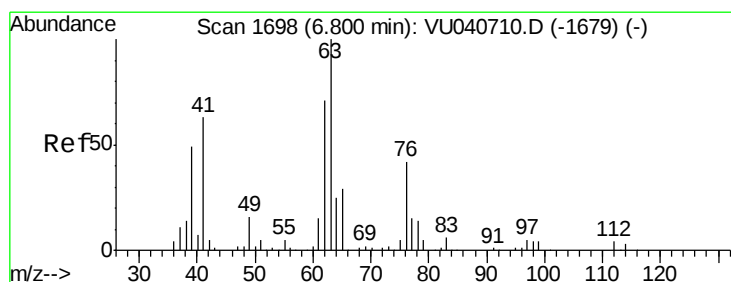
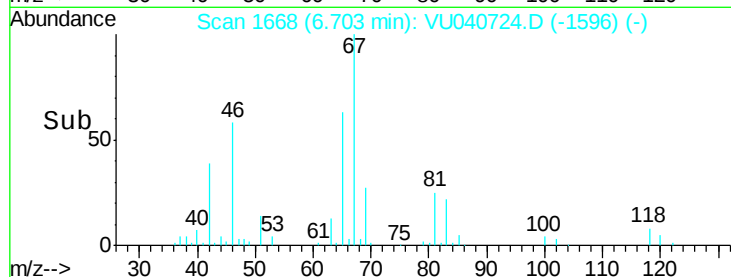
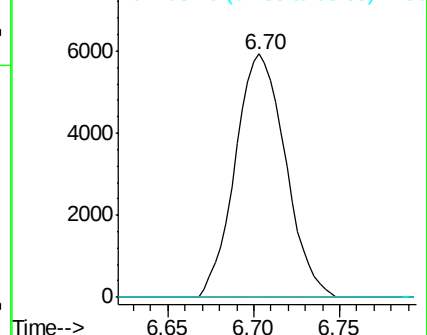
98 1.7 38.4 57.6#



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: 0.618 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040724.D

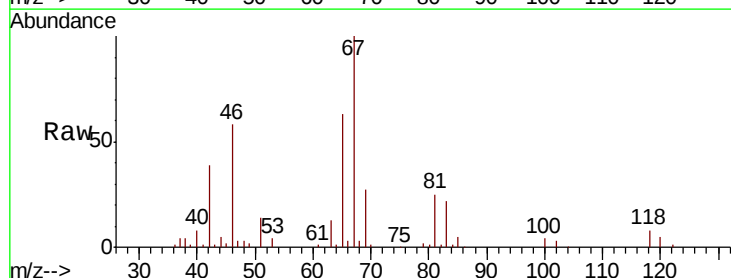
Acq: 15 Oct 2020 16:41

Tgt Ion: 63 Resp: 6170

Ion Ratio Lower Upper

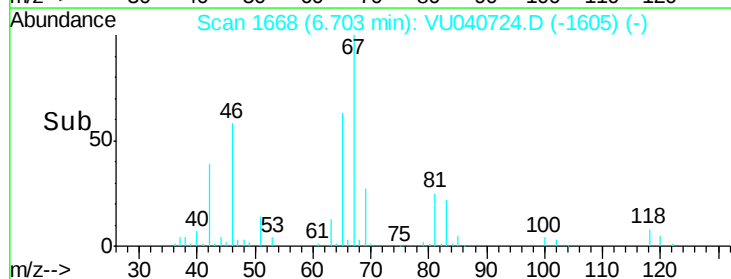
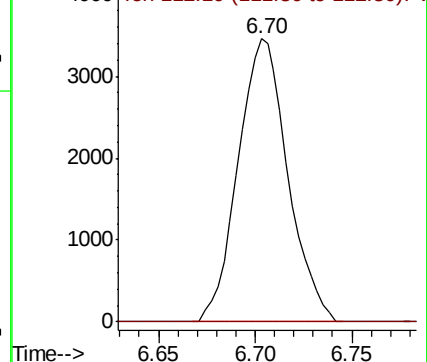
63 100

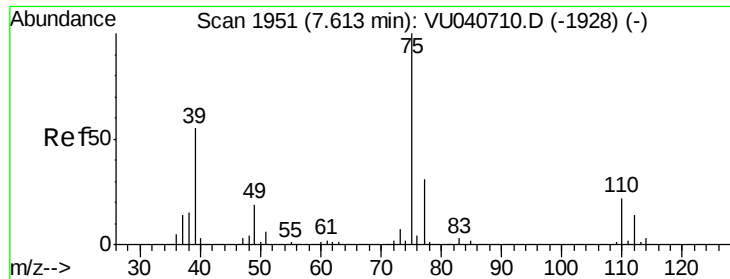
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

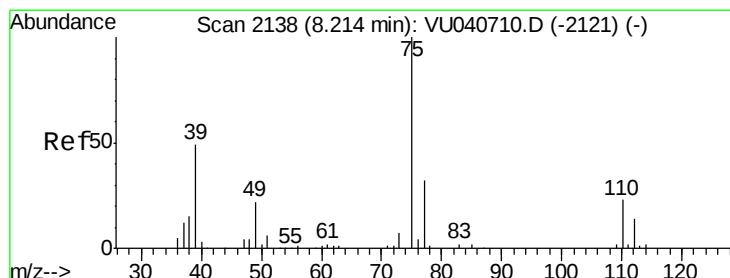
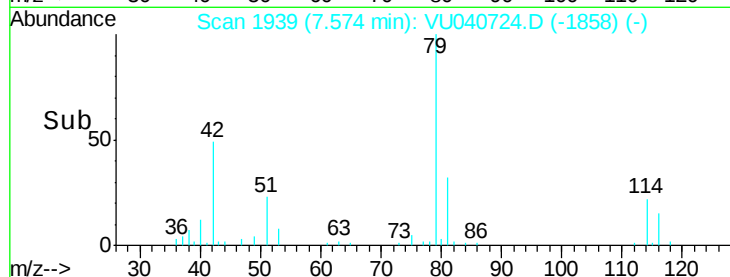
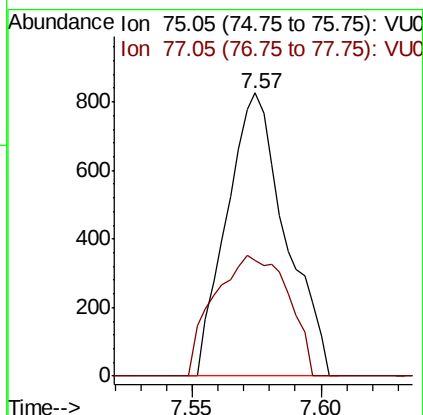
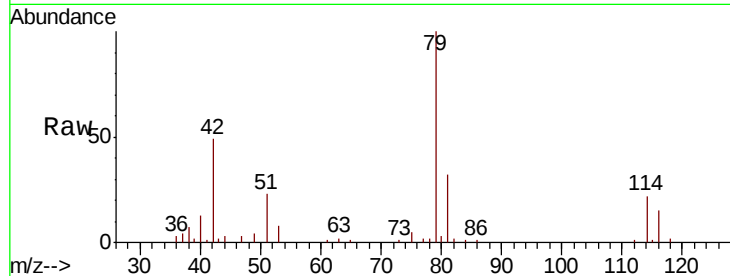




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040724.D
 Acq: 15 Oct 2020 16:41

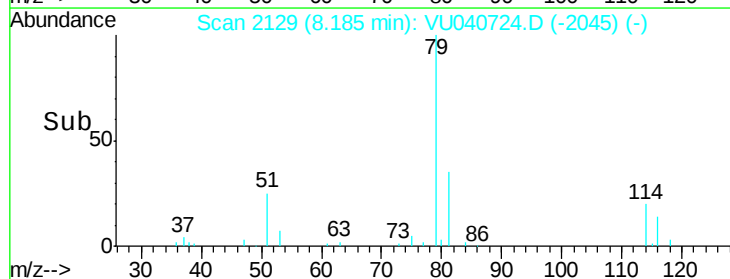
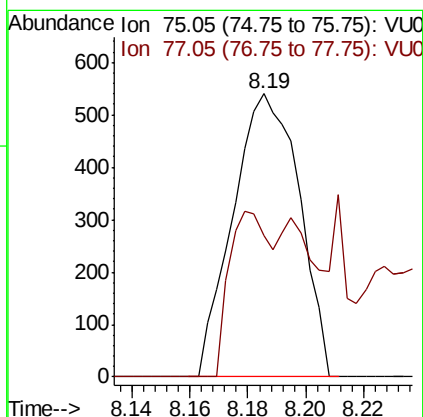
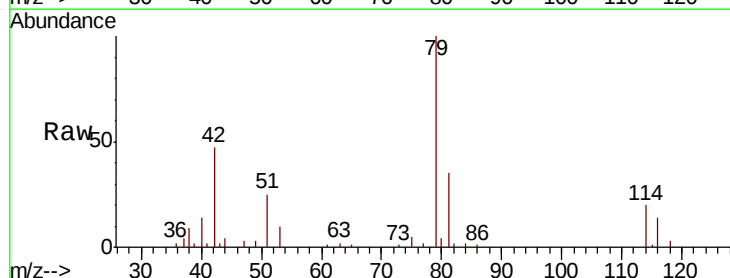
Instrument :
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 ClientSampleId :
 BFGS7

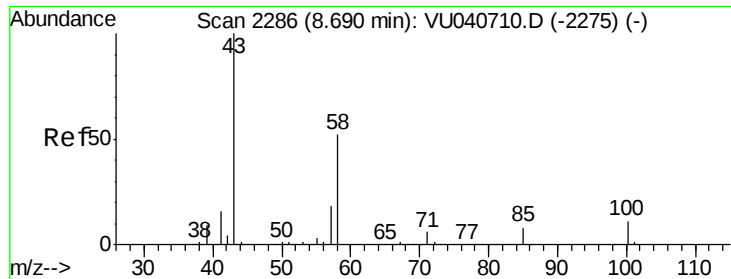
Tot Ion: 75 Resp: 1307
 Ion Ratio Lower Upper
 75 100
 77 40.9 20.5 38.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040724.D
 Acq: 15 Oct 2020 16:41

Tgt Ion: 75 Resp: 857
 Ion Ratio Lower Upper
 75 100
 77 49.8 20.4 38.0#

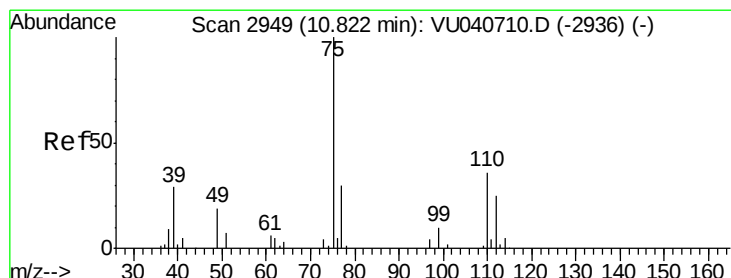
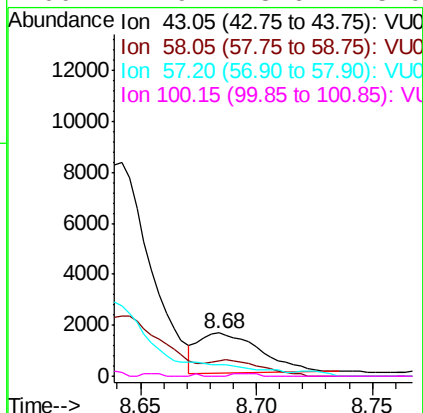
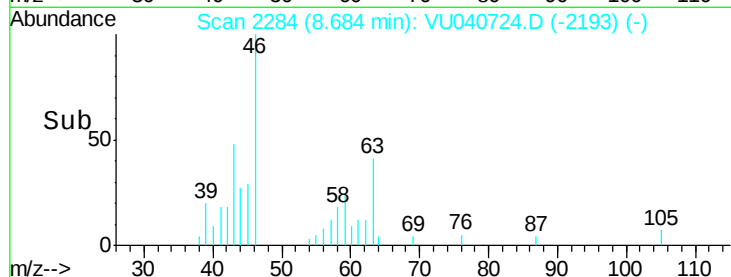
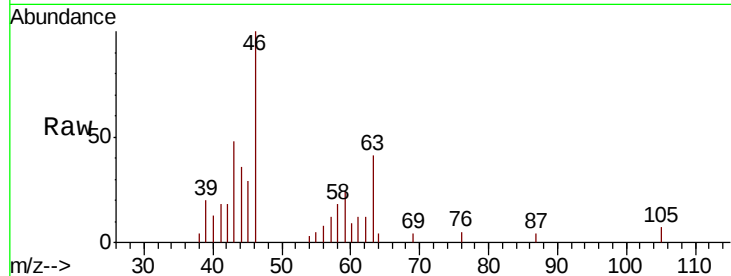




#48
2-Hexanone
Concen: 0.494 ug/L
RT: 8.68 min Scan# 2284
Delta R.T. -0.01 min
Lab File: VU040724.D
Acq: 15 Oct 2020 16:41

Instrument :
MSVOA_U
ClientSampleId :
BFSG7

Tot Ion: 43 Resp: 2929
Ion Ratio Lower Upper
43 100
58 33.8 41.0 61.6#
57 0.0 14.4 21.6#
100 2.9 8.6 13.0#



#59
1,2,3-Trichloropropane
Concen: 0.844 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040724.D
Acq: 15 Oct 2020 16:41

Tgt Ion: 75 Resp: 6190
Ion Ratio Lower Upper
75 100
77 39.0 26.4 39.6

